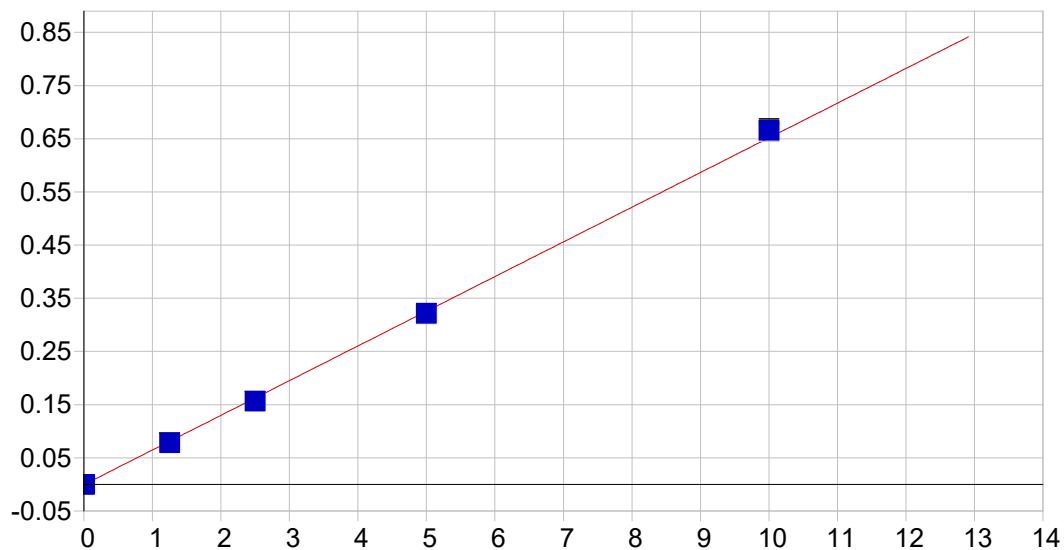


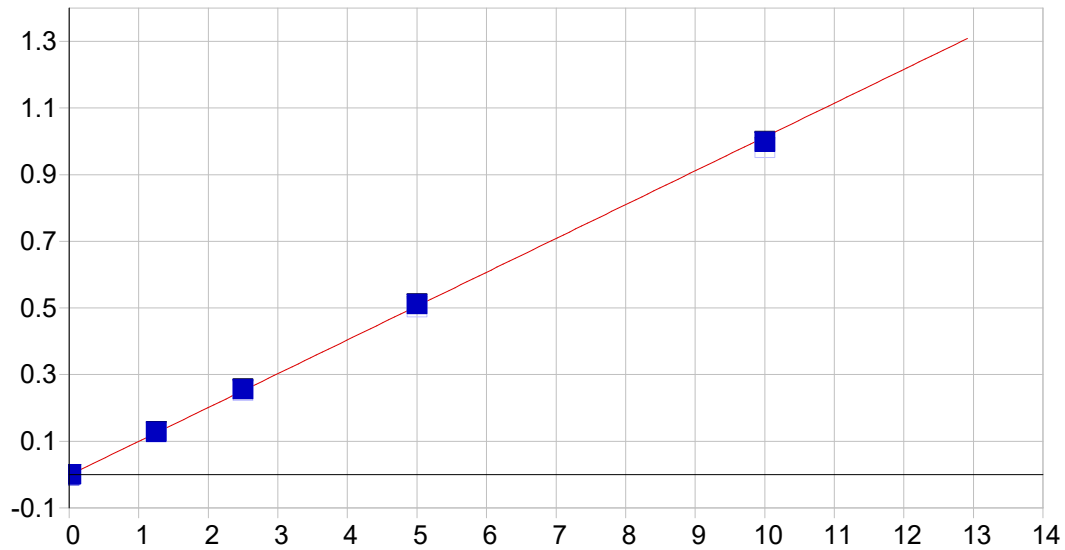


As 189.042 {479}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000534 Re-Slope: 1.000000
 A1 (Gain): 0.065228 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.003093
 Predicted MQL: 0.010310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00053	.000	1
S1	.01000	.00760	-.002	-24.0	-.00004	.000	1
S2	1.2500	1.2033	-.047	-3.73	.07767	.000	1
S3	2.5000	2.4046	-.095	-3.82	.15573	.000	1
S4	5.0000	4.9350	-.065	-1.30	.32020	.000	1
S5	10.000	10.209	.209	2.09	.66308	.004	1

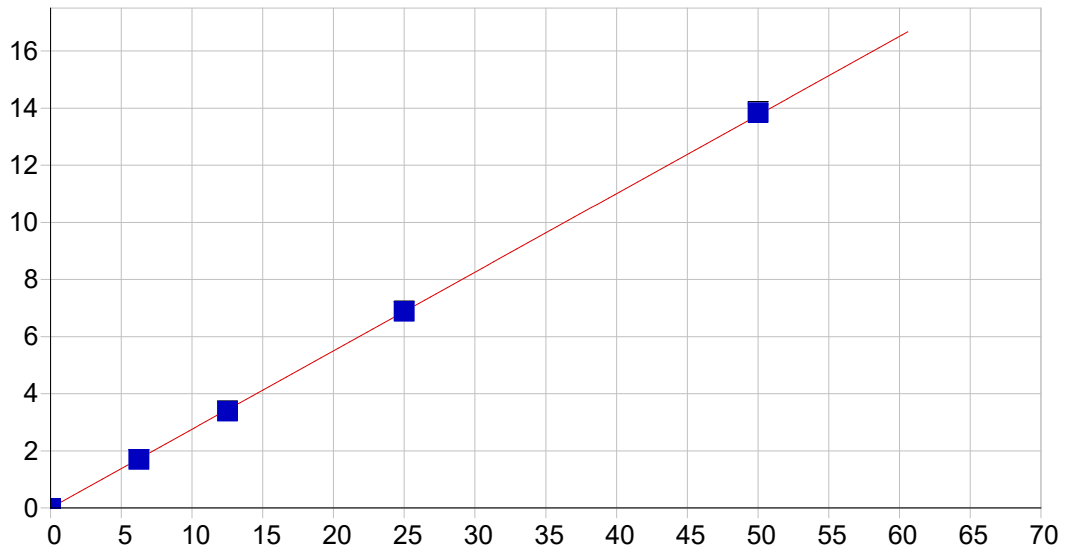


TI 190.856 {477}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001650 Re-Slope: 1.000000
 A1 (Gain): 0.101461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001963
 Predicted MQL: 0.006544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00165	.000	1
S1	.02500	.02759	.003	10.4	.00104	.000	1
S2	1.2500	1.2867	.037	2.94	.12656	.000	1
S3	2.5000	2.5450	.045	1.80	.25190	.000	1
S4	5.0000	5.0565	.057	1.13	.50204	.002	1
S5	10.000	9.8592	-.141	-1.41	.97996	.002	1

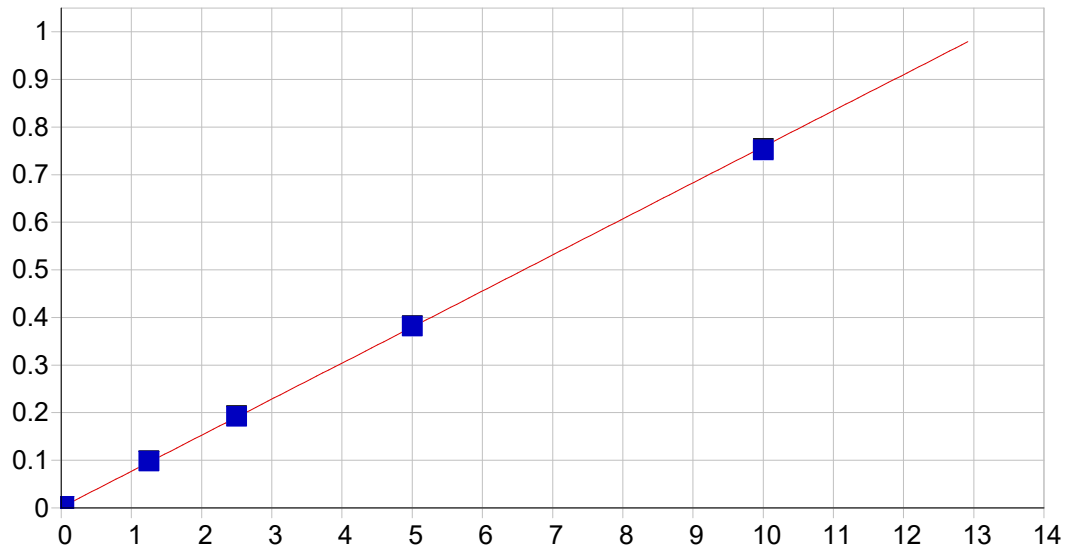


Pb 220.353 {453}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.275077 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001663
 Predicted MQL: 0.005544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.01000	.00997	-.000	-.347	.00307	.000	1
S2	6.2500	6.1506	-.099	-1.59	1.6926	.001	1
S3	12.500	12.298	-.202	-1.62	3.3838	.009	1
S4	25.000	25.002	.002	.006	6.8791	.013	1
S5	50.000	50.300	.300	.600	13.840	.042	1

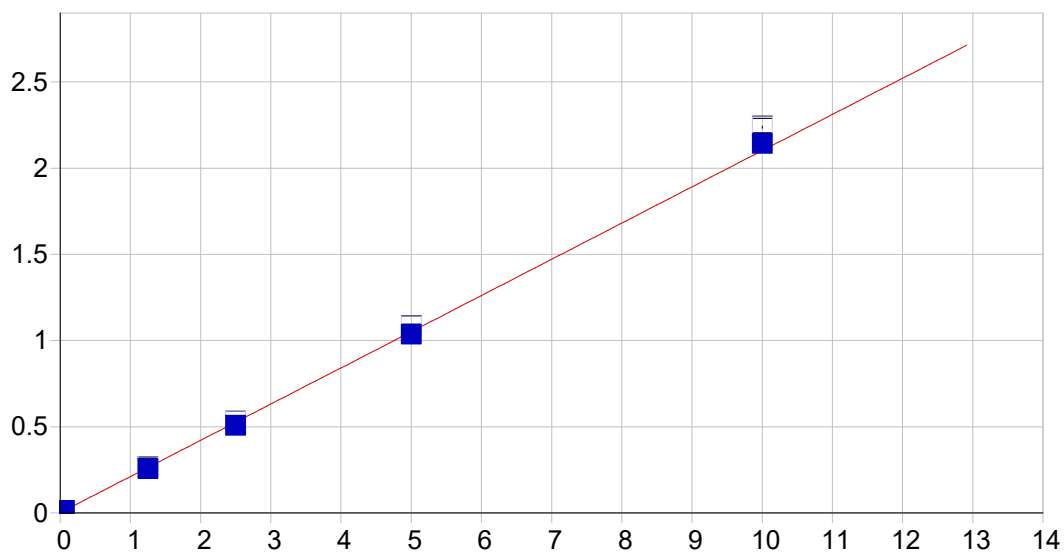


Se 196.090 {472}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001141 Re-Slope: 1.000000
 A1 (Gain): 0.075749 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.003146
 Predicted MQL: 0.010488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00114	.000	1
S1	.03500	.03399	-.001	-2.90	.00371	.000	1
S2	1.2500	1.2847	.035	2.78	.09821	.000	1
S3	2.5000	2.5250	.025	1.000	.19191	.001	1
S4	5.0000	5.0271	.027	.543	.38094	.000	1
S5	10.000	9.9142	-.086	-.858	.75013	.003	1

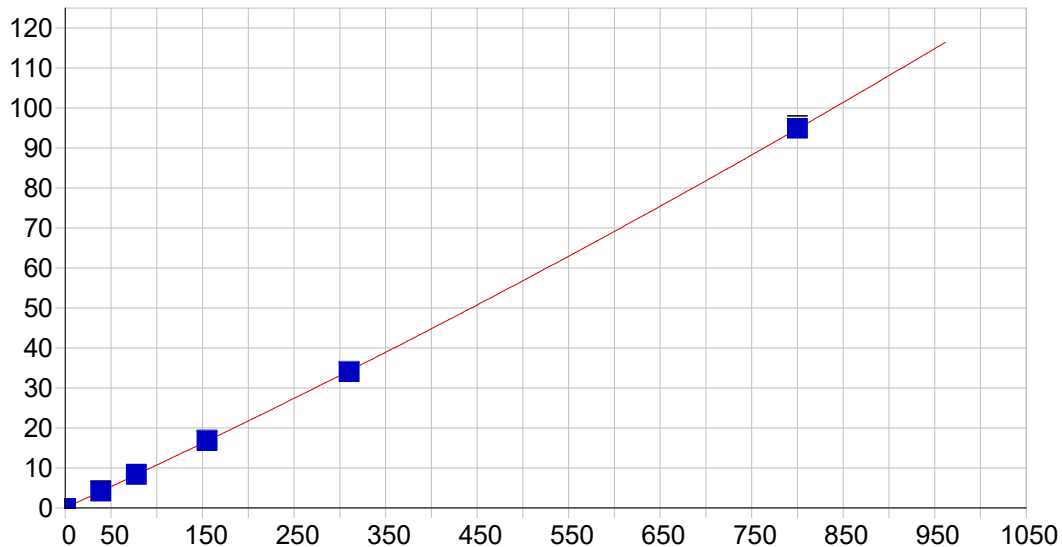


Sb 206.833 {463}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000992 Re-Slope: 1.000000
 A1 (Gain): 0.210064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.001622
 Predicted MQL: 0.005406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00099	.000	1
S1	.06000	.06380	.004	6.33	.01440	.000	1
S2	1.2500	1.2108	-.039	-3.13	.26743	.001	1
S3	2.5000	2.4125	-.087	-3.50	.53195	.002	1
S4	5.0000	4.9308	-.069	-1.38	1.0851	.001	1
S5	10.000	10.192	.192	1.92	2.2387	.006	1

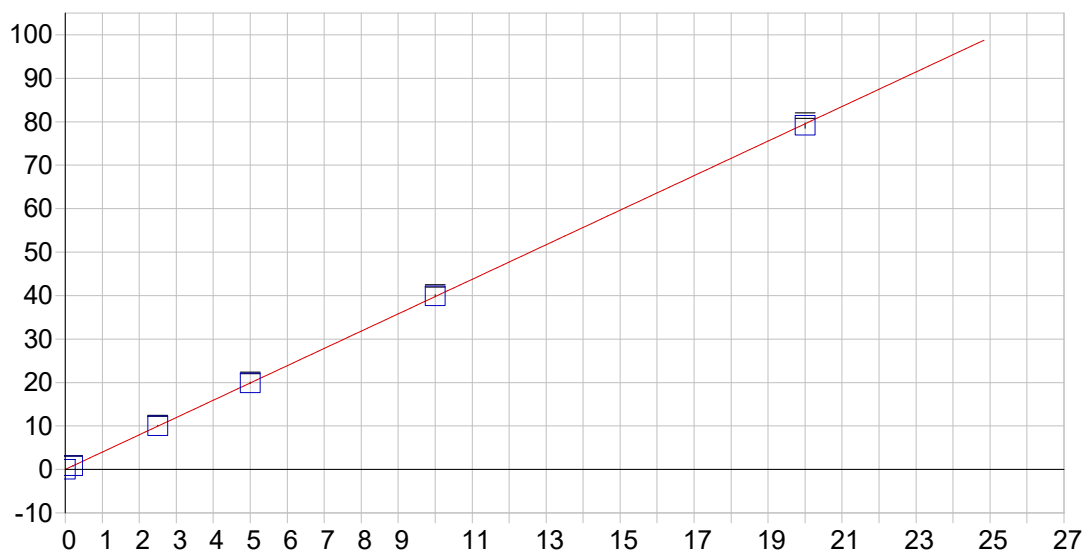


AI 396.152 { 85}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.005482	Re-Slope:	1.000000
A1 (Gain):	0.105509	Y-int:	0.000000
A2 (Curvature):	0.000016		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	Warning Positive Curvature
Std Error of Est:	0.000358		
Predicted MDL:	0.010093		
Predicted MQL:	0.033642		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00548	.001	1
S1	.20000	.20438	.004	2.19	.02741	.001	1
S2	38.750	39.348	.598	1.54	4.1903	.032	1
S3	77.500	77.852	.352	.454	8.3342	.059	1
S4	155.00	155.65	.646	.417	16.853	.088	1
S5	310.00	307.84	-2.16	-.697	34.088	.108	1
S6	800.00	800.58	.579	.072	94.924	.661	1

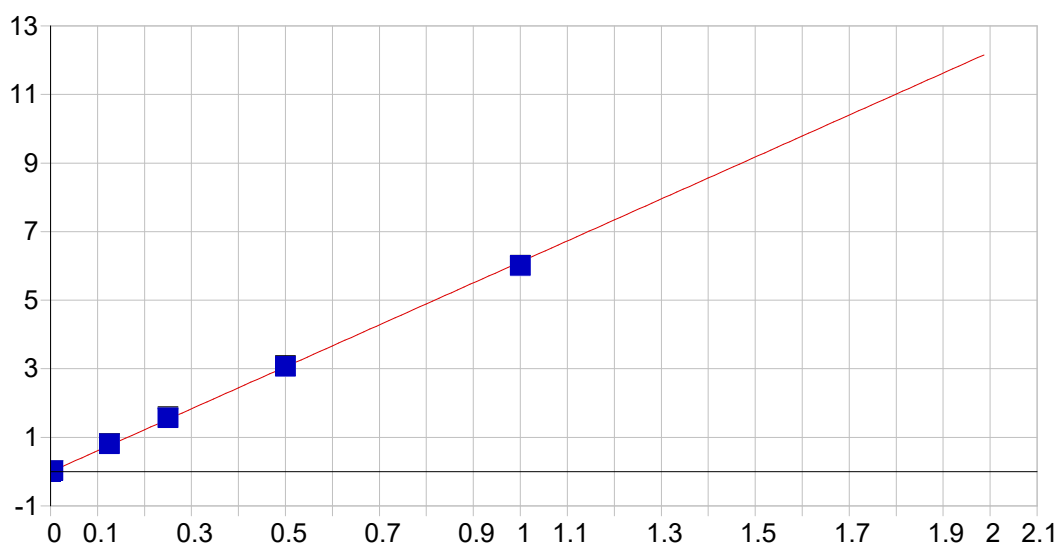


Ba 493.409 { 68}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001830 Re-Slope: 1.000000
 A1 (Gain): 3.975753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.002997
 Predicted MDL: 0.000507
 Predicted MQL: 0.001690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00177	.002	1
S1	.20000	.21304	.013	6.52	.84882	.006	1
S2	2.5000	2.5282	.028	1.13	10.053	.108	1
S3	5.0000	5.0095	.009	.189	19.918	.203	1
S4	10.000	10.048	.048	.475	39.948	.277	1
S5	20.000	19.902	-.098	-.491	79.126	.625	1

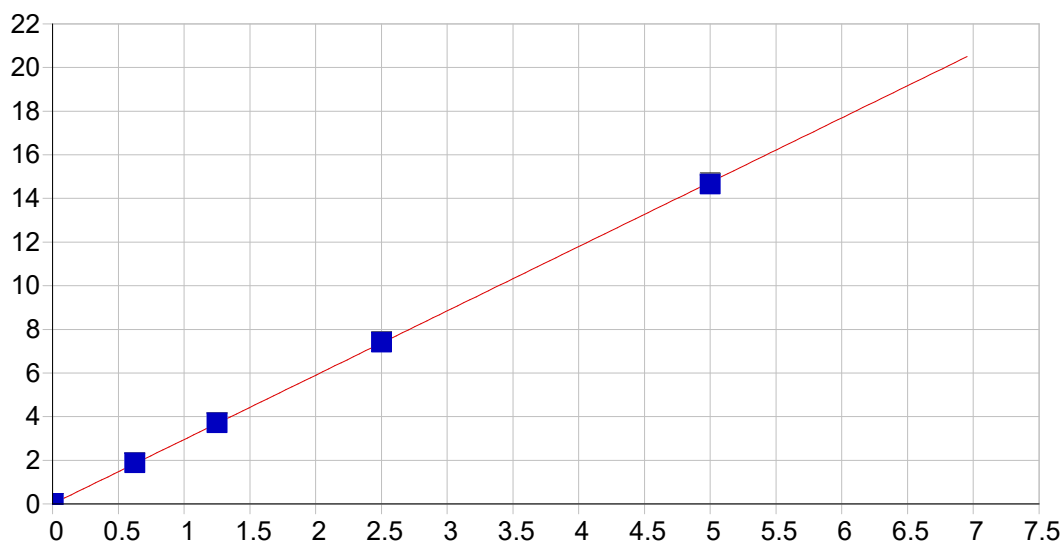


Be 234.861 {144}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003533 Re-Slope: 1.000000
 A1 (Gain): 6.119644 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999719 Status: OK.
 Std Error of Est: 0.000542
 Predicted MDL: 0.000070
 Predicted MQL: 0.000235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00354	.000	1
S1	.00500	.00551	.001	10.2	.03018	.001	1
S2	.12500	.13267	.008	6.13	.80580	.004	1
S3	.25000	.25717	.007	2.87	1.5652	.026	1
S4	.50000	.50225	.002	.450	3.0599	.015	1
S5	1.0000	.98240	-.018	-1.76	5.9881	.010	1

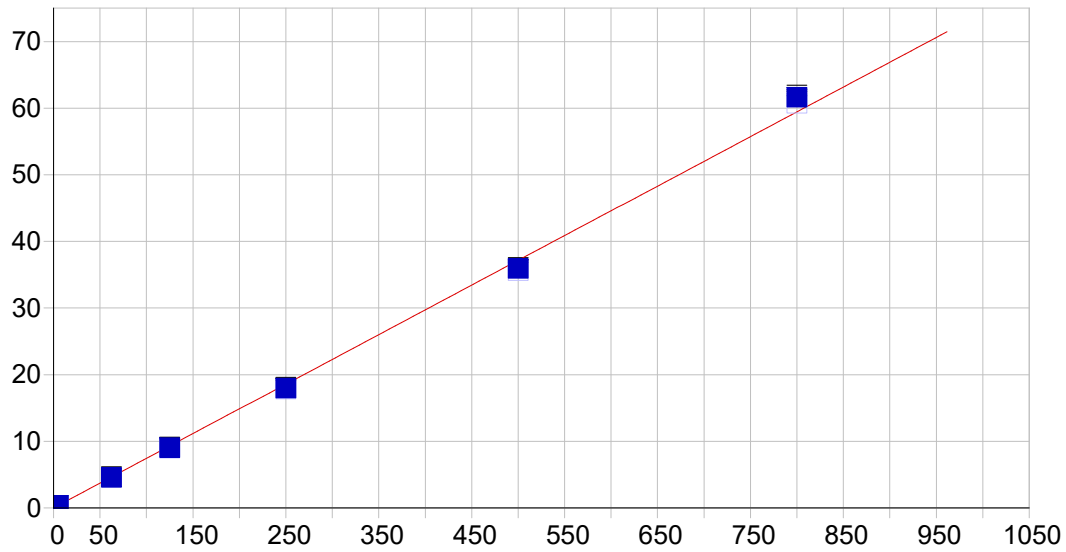


Cd 214.438 {457}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000348	Re-Slope:	1.000000
A1 (Gain):	2.948771	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000191		
Predicted MDL:	0.000098		
Predicted MQL:	0.000325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.00500	.00548	.000	9.64	.01652	.000	1
S2	.62500	.63590	.011	1.74	1.8783	.002	1
S3	1.2500	1.2585	.008	.677	3.7169	.008	1
S4	2.5000	2.5123	.012	.491	7.4198	.021	1
S5	5.0000	4.9679	-.032	-.642	14.672	.042	1

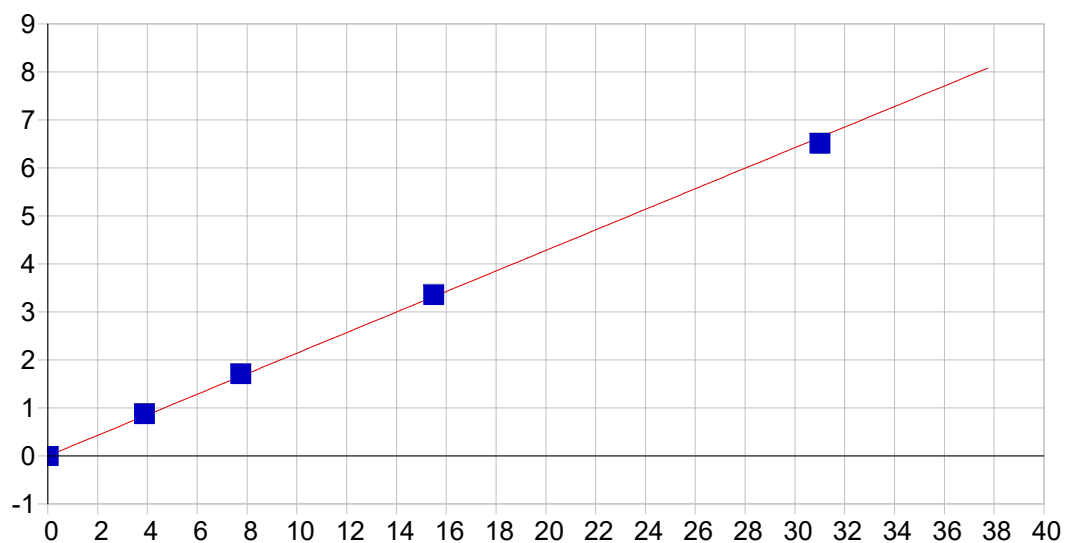


Ca 373.690 { 90}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000855 Re-Slope: 1.000000
 A1 (Gain): 0.074319 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999404 Status: OK.
 Std Error of Est: 0.008858
 Predicted MDL: 0.012152
 Predicted MQL: 0.040507

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00086	.001	1
S1	5.0000	5.3348	.335	6.70	.39722	.004	1
S2	62.500	61.690	-.810	-1.30	4.5441	.061	1
S3	125.00	121.27	-3.73	-2.98	8.9306	.107	1
S4	250.00	241.90	-8.10	-3.24	17.812	.133	1
S5	500.00	483.28	-16.7	-3.34	35.585	.177	1
S6	800.00	829.20	29.2	3.65	60.740	.335	1

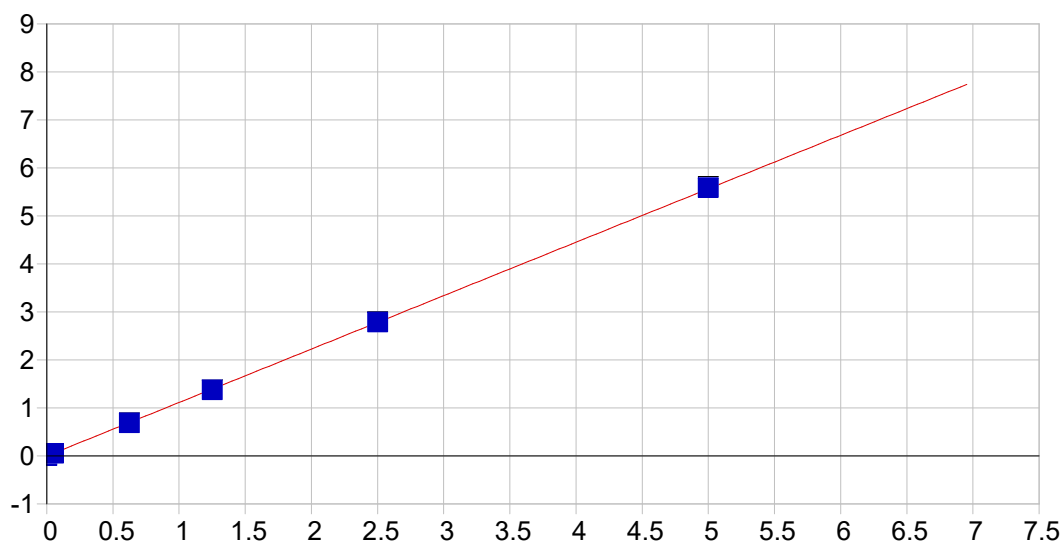


Cr 267.716 {126}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000061	Re-Slope:	1.000000
A1 (Gain):	0.214071	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999723	Status:	OK.
Std Error of Est:	0.000149		
Predicted MDL:	0.000532		
Predicted MQL:	0.001772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01212	.002	21.2	.00266	.000	1
S2	3.8750	4.0795	.205	5.28	.87440	.003	1
S3	7.7500	7.9806	.231	2.98	1.7106	.006	1
S4	15.500	15.677	.177	1.14	3.3601	.004	1
S5	31.000	30.386	-.614	-1.98	6.5131	.001	1

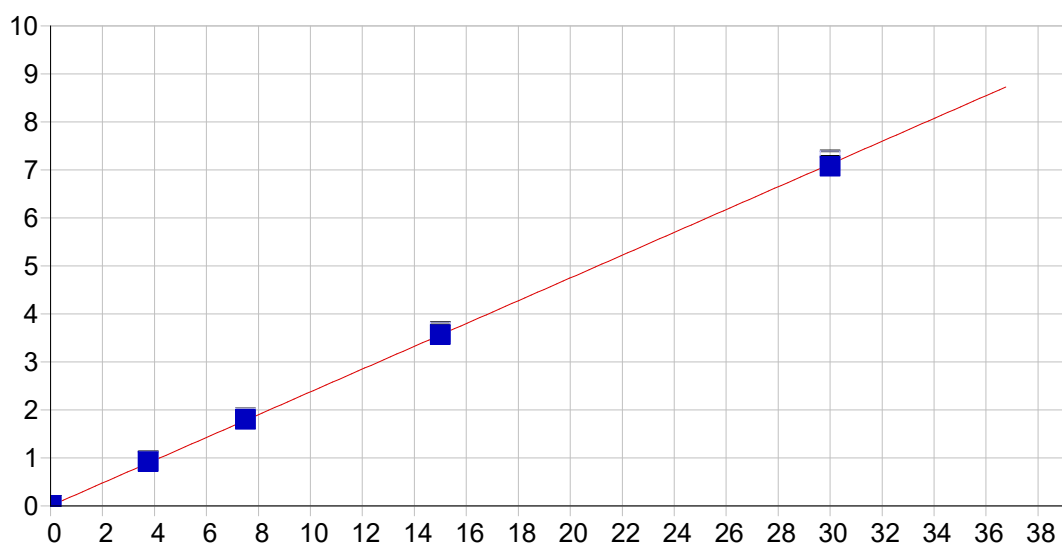


Co 228.616 {448}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000684	Re-Slope:	1.000000
A1 (Gain):	1.113165	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000187		
Predicted MDL:	0.000277		
Predicted MQL:	0.000923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.05000	.05114	.001	2.29	.05644	.000	1
S2	.62500	.61586	-.009	-1.46	.68598	.002	1
S3	1.2500	1.2365	-.013	-1.08	1.3780	.002	1
S4	2.5000	2.5028	.003	.112	2.7898	.006	1
S5	5.0000	5.0186	.019	.373	5.5947	.021	1

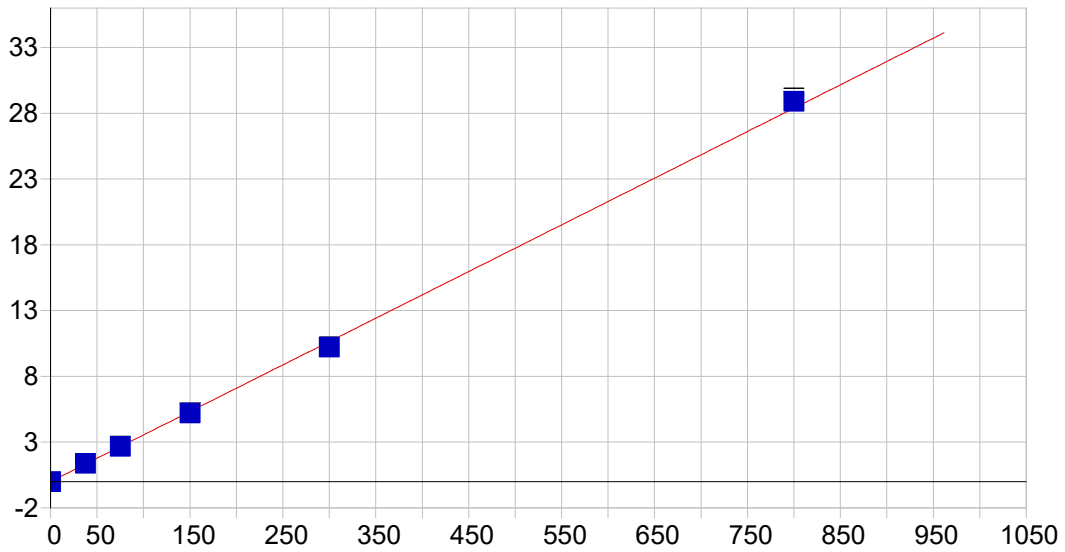


Cu 324.754 {104}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002282	Re-Slope:	1.000000
A1 (Gain):	0.237329	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.002549		
Predicted MQL:	0.008496		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00228	.000	1
S1	.02500	.02600	.001	4.00	.00964	.000	1
S2	3.7500	3.8577	.108	2.87	.93210	.006	1
S3	7.5000	7.5781	.078	1.04	1.8293	.007	1
S4	15.000	15.017	.017	.112	3.6233	.013	1
S5	30.000	29.796	-.204	-.679	7.1880	.018	1

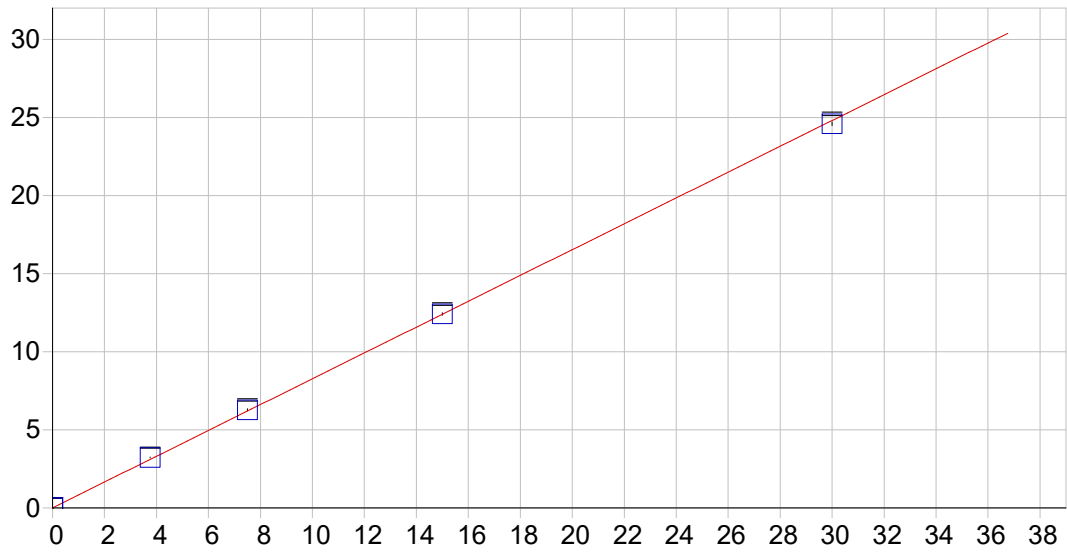


Fe 259.837 {130}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.035489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999680 Status: OK.
 Std Error of Est: 0.000393
 Predicted MDL: 0.008663
 Predicted MQL: 0.028877

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.11045	.010	10.5	.00409	.000	1
S2	37.500	38.631	1.13	3.02	1.3737	.012	1
S3	75.000	74.943	-.057	-.077	2.6652	.023	1
S4	150.00	146.68	-3.32	-2.21	5.2166	.026	1
S5	300.00	287.71	-12.3	-4.10	10.232	.038	1
S6	800.00	814.54	14.5	1.82	28.943	.230	1

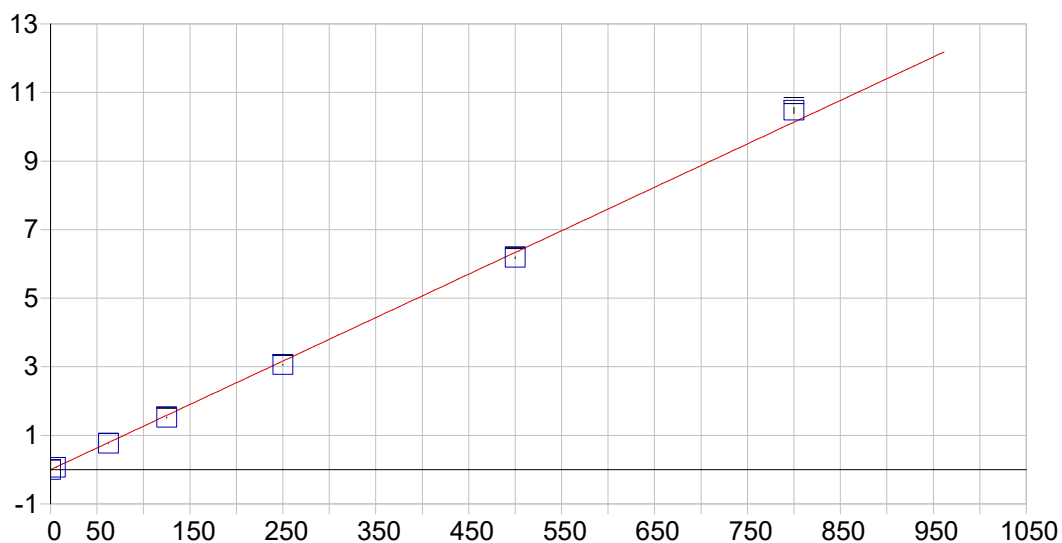


Mn 257.610 {131}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000698 Re-Slope: 1.000000
 A1 (Gain): 0.826764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000384
 Predicted MDL: 0.000395
 Predicted MQL: 0.001316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.01500	.01717	.002	14.5	.01490	.001	1
S2	3.7500	3.9003	.150	4.01	3.2253	.039	1
S3	7.5000	7.5880	.088	1.17	6.2742	.074	1
S4	15.000	15.016	.016	.104	12.415	.078	1
S5	30.000	29.744	-.256	-.854	24.592	.107	1

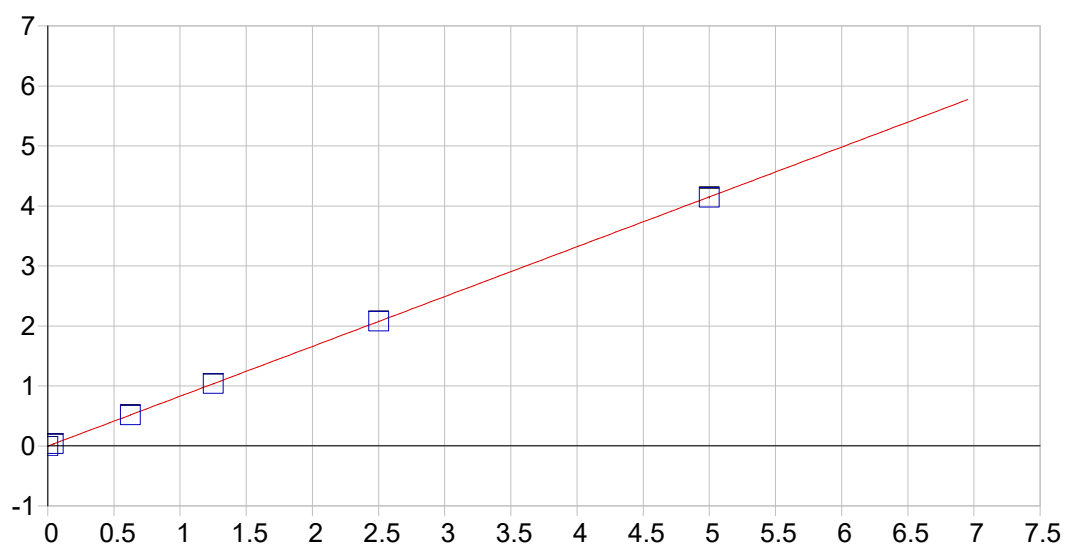


Mg 279.079 {121}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000372 Re-Slope: 1.000000
 A1 (Gain): 0.012669 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999491 Status: OK.
 Std Error of Est: 0.001411
 Predicted MDL: 0.027079
 Predicted MQL: 0.090265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	-.00037	.000	1
S1	5.0000	5.2643	.264	5.29	.06632	.001	1
S2	62.500	60.634	-1.87	-2.99	.76778	.007	1
S3	125.00	119.98	-5.02	-4.02	1.5196	.016	1
S4	250.00	241.34	-8.66	-3.46	3.0571	.013	1
S5	500.00	488.14	-11.9	-2.37	6.1837	.021	1
S6	800.00	827.14	27.1	3.39	10.478	.088	1

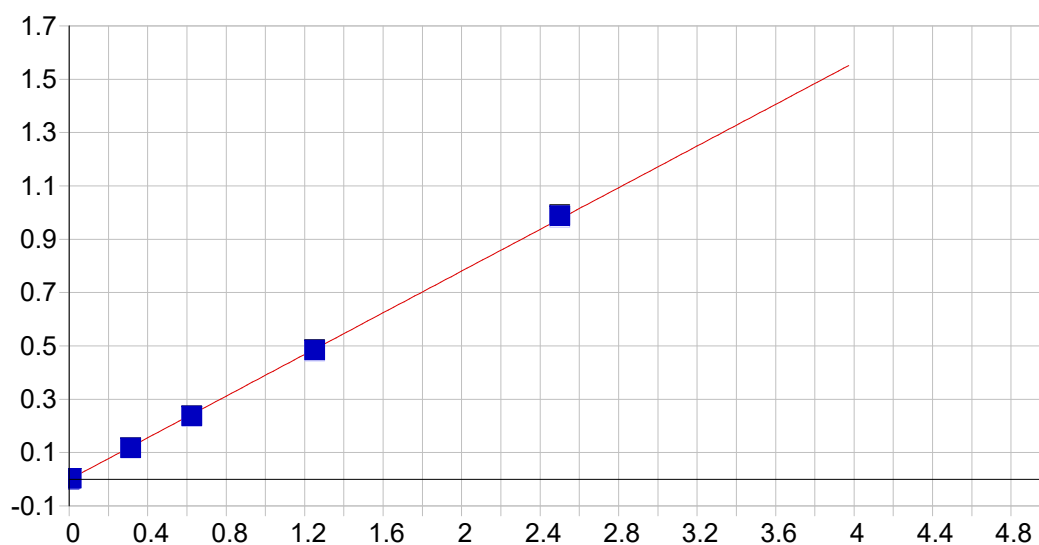


Ni 231.604 {446}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002649 Re-Slope: 1.000000
 A1 (Gain): 0.830526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.000431
 Predicted MQL: 0.001438

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00265	.000	1
S1	.04000	.04359	.004	8.97	.03355	.000	1
S2	.62500	.62608	.001	.173	.51733	.000	1
S3	1.2500	1.2511	.001	.087	1.0364	.001	1
S4	2.5000	2.5055	.006	.221	2.0783	.002	1
S5	5.0000	4.9887	-.011	-.226	4.1406	.011	1

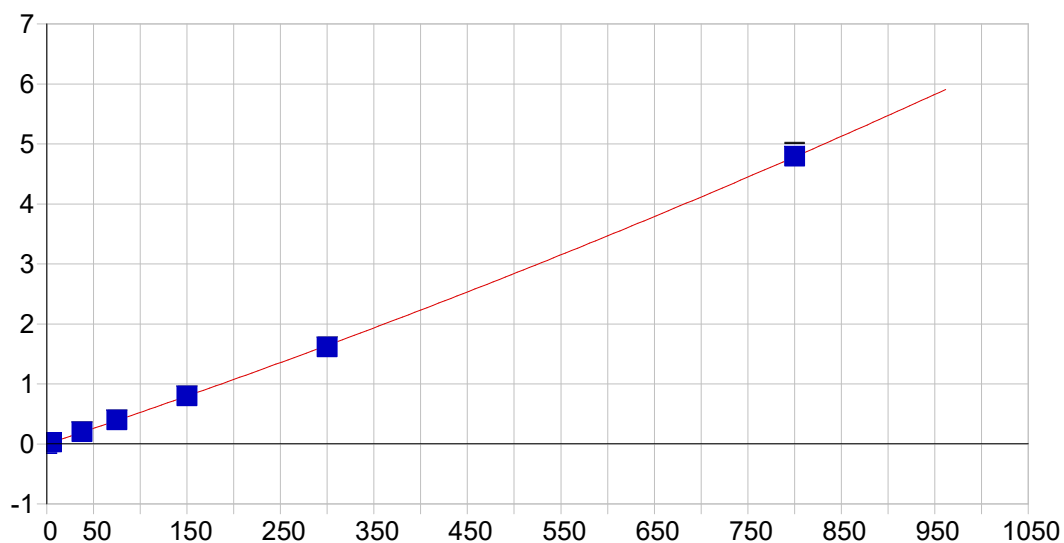


Ag 328.068 {103}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000878	Re-Slope:	1.000000
A1 (Gain):	0.390731	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.000478		
Predicted MQL:	0.001592		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.000	1
S1	.01000	.01058	.001	5.81	.00322	.000	1
S2	.31250	.30367	-.009	-2.83	.11673	.001	1
S3	.62500	.60850	-.016	-2.64	.23479	.001	1
S4	1.2500	1.2414	-.009	-.691	.47998	.001	1
S5	2.5000	2.5334	.033	1.34	.98063	.002	1

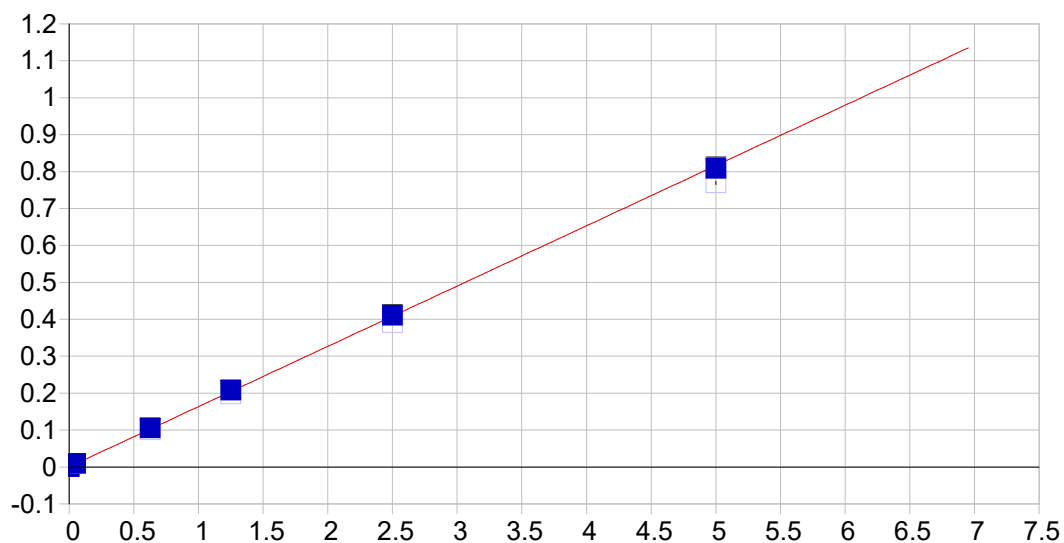


Na 818.326 { 41}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.002920	Re-Slope:	1.000000
A1 (Gain):	0.005183	Y-int:	0.000000
A2 (Curvature):	0.000001		
n (Exponent):	1.000000		
Correlation:	0.999907	Status:	Warning Positive Curvature
Std Error of Est:	0.000272		
Predicted MDL:	0.330704		
Predicted MQL:	1.102348		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00095	-.001	.000	-.00292	.001	1
S1	5.0000	5.7310	.731	14.6	.02682	.000	1
S2	37.500	38.909	1.41	3.76	.20114	.003	1
S3	75.000	76.462	1.46	1.95	.40099	.006	1
S4	150.00	150.32	.319	.213	.80230	.004	1
S5	300.00	294.65	-5.35	-1.78	1.6181	.007	1
S6	800.00	801.50	1.50	.187	4.8126	.048	1

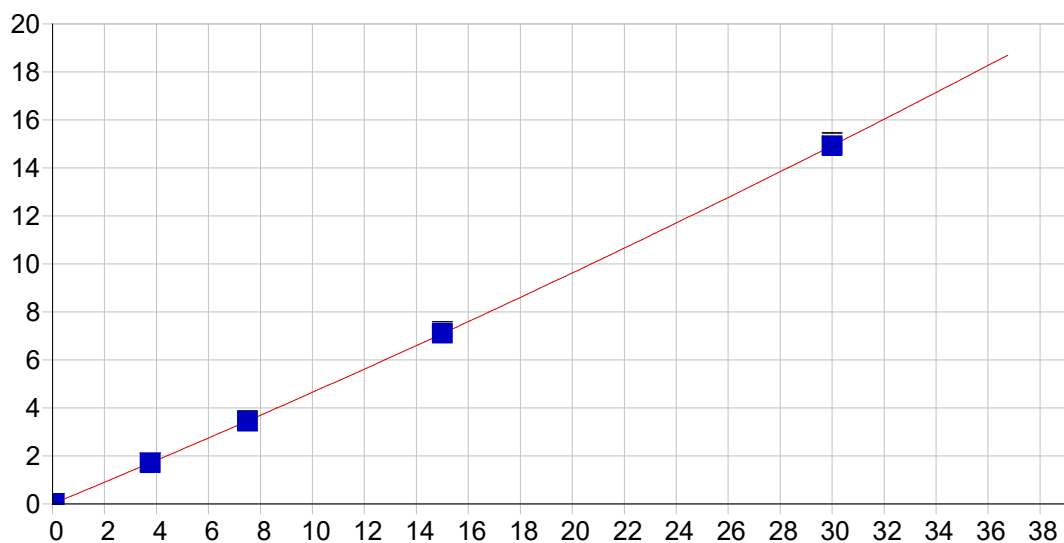


V 292.402 {115}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000330 Re-Slope: 1.000000
 A1 (Gain): 0.163231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002791
 Predicted MQL: 0.009302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00033	.000	1
S1	.05000	.05477	.005	9.55	.00925	.000	1
S2	.62500	.64200	.017	2.72	.10023	.001	1
S3	1.2500	1.2680	.018	1.44	.19752	.001	1
S4	2.5000	2.5107	.011	.428	.39059	.002	1
S5	5.0000	4.9493	-.051	-1.01	.76909	.004	1

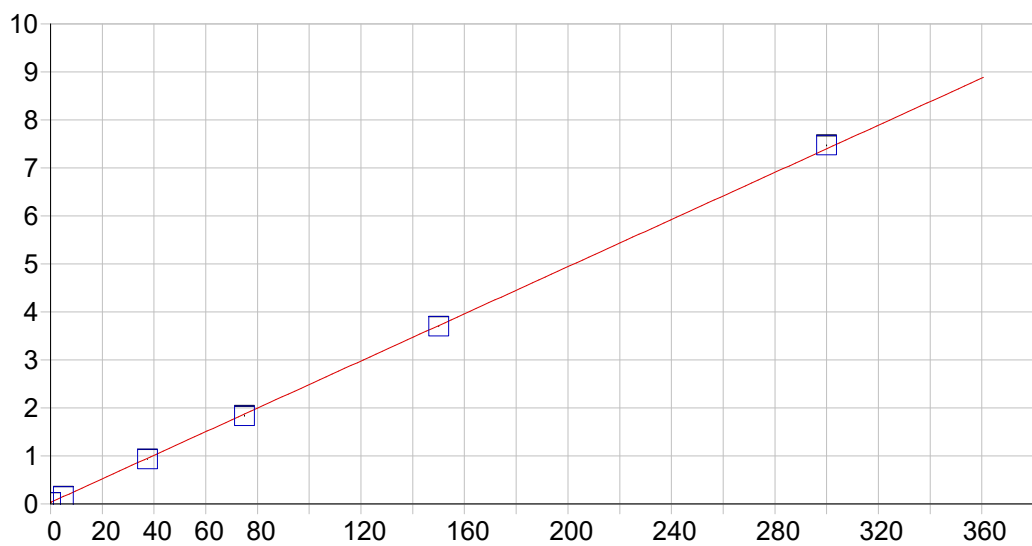


Zn 213.856 {158}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000916	Re-Slope:	1.000000
A1 (Gain):	0.448305	Y-int:	0.000000
A2 (Curvature):	0.001641		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	Warning Positive Curvature
Std Error of Est:	0.000146		
Predicted MDL:	0.001664		
Predicted MQL:	0.005547		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00091	.000	1
S1	.06000	.06565	.006	9.42	.03043	.001	1
S2	3.7500	3.7623	.012	.329	1.7136	.012	1
S3	7.5000	7.4597	-.040	-.538	3.4419	.020	1
S4	15.000	15.027	.027	.182	7.1193	.059	1
S5	30.000	29.995	-.005	-.017	14.946	.113	1

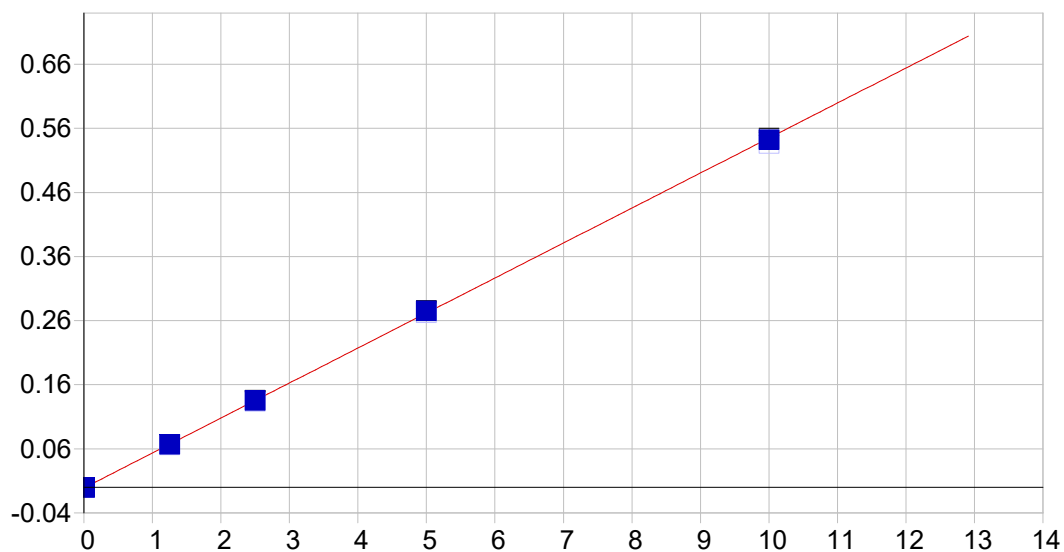


K 769.896 { 44 }

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031678 Re-Slope: 1.000000
 A1 (Gain): 0.024554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000623
 Predicted MDL: 0.072052
 Predicted MQL: 0.240173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.03168	.002	1
S1	5.0000	5.0681	.068	1.36	.15612	.001	1
S2	37.500	36.663	-.837	-2.23	.93188	.003	1
S3	75.000	73.449	-1.55	-2.07	1.8351	.010	1
S4	150.00	149.28	-.722	-.481	3.6970	.006	1
S5	300.00	303.04	3.04	1.01	7.4725	.010	1

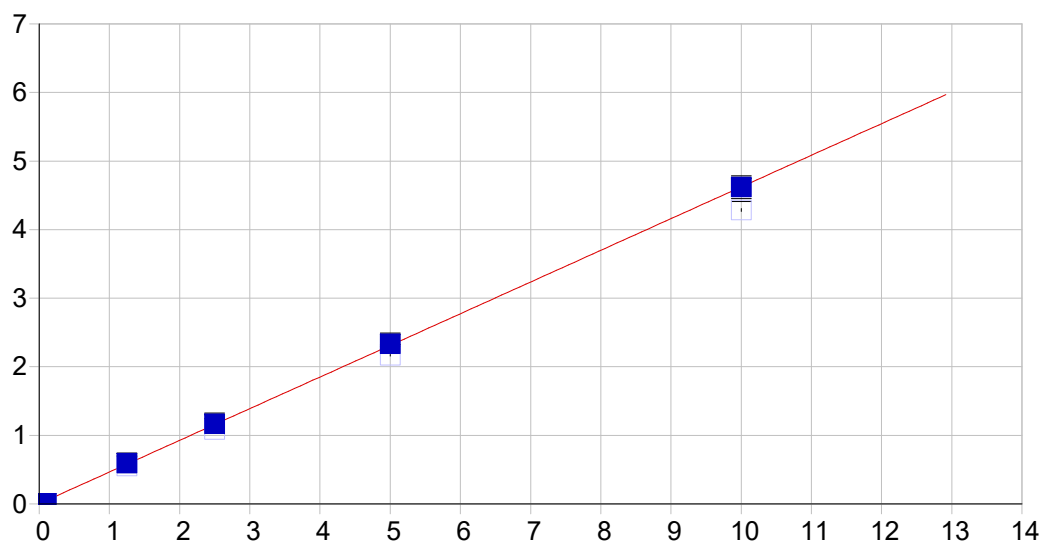


P 177.495 {490}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001173 Re-Slope: 1.000000
 A1 (Gain): 0.054617 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002648
 Predicted MQL: 0.008827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00117	.000	1
S1	.01000	.01065	.001	6.48	-.00059	.000	1
S2	1.2500	1.2434	-.007	-.531	.06597	.000	1
S3	2.5000	2.4980	-.002	-.080	.13373	.000	1
S4	5.0000	5.0575	.057	1.15	.27199	.000	1
S5	10.000	9.9505	-.049	-.495	.53618	.002	1

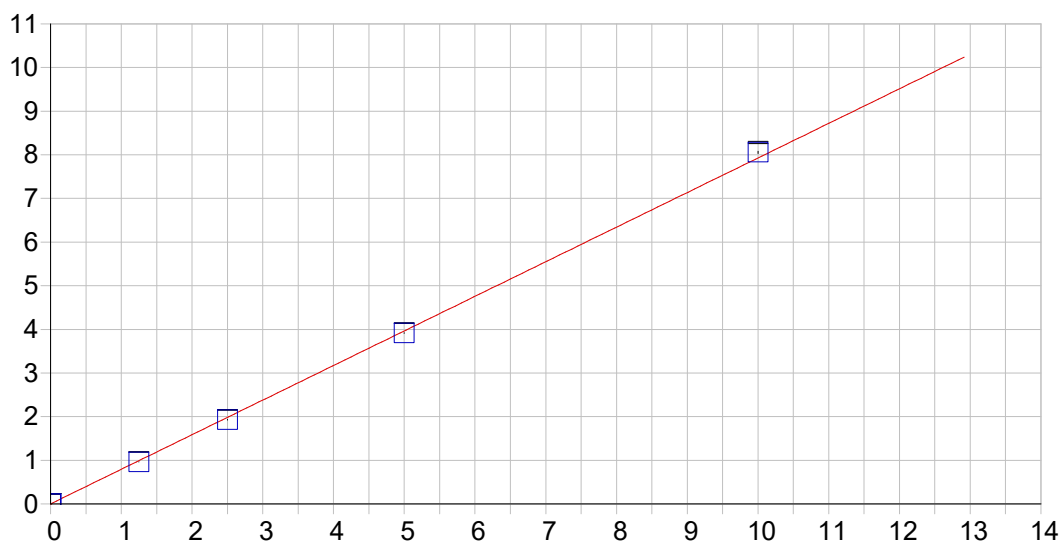


B 249.678 {135}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002866 Re-Slope: 1.000000
 A1 (Gain): 0.461888 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997437 Status: OK.
 Std Error of Est: 0.001633
 Predicted MDL: 0.001037
 Predicted MQL: 0.003455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00291	.000	1
S1	.10000	.00939	-.091	-90.6	.00711	.001	1
S2	1.2500	1.2774	.027	2.19	.55099	.003	1
S3	2.5000	2.5230	.023	.922	1.0844	.014	1
S4	5.0000	5.0490	.049	.979	2.1673	.011	1
S5	10.000	9.9981	-.002	-.019	4.2856	.020	1

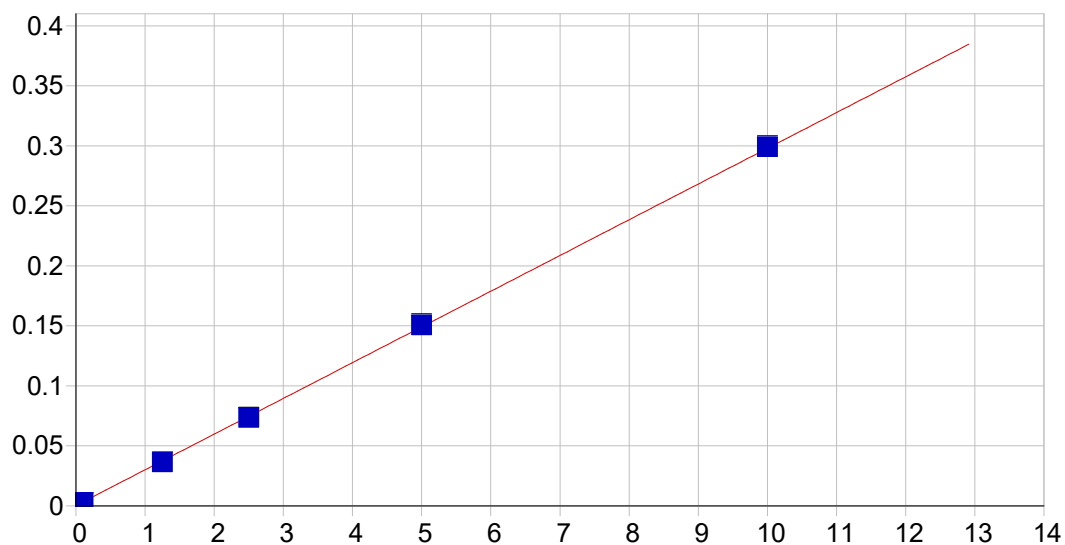


Mo 202.030 {467}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000763 Re-Slope: 1.000000
 A1 (Gain): 0.792698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000242
 Predicted MDL: 0.000339
 Predicted MQL: 0.001131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00076	.000	1
S1	.01000	.01014	.000	1.39	.00880	.000	1
S2	1.2500	1.2154	-.035	-2.77	.96417	.000	1
S3	2.5000	2.4298	-.070	-2.81	1.9269	.006	1
S4	5.0000	4.9429	-.057	-1.14	3.9190	.007	1
S5	10.000	10.162	.162	1.62	8.0560	.026	1

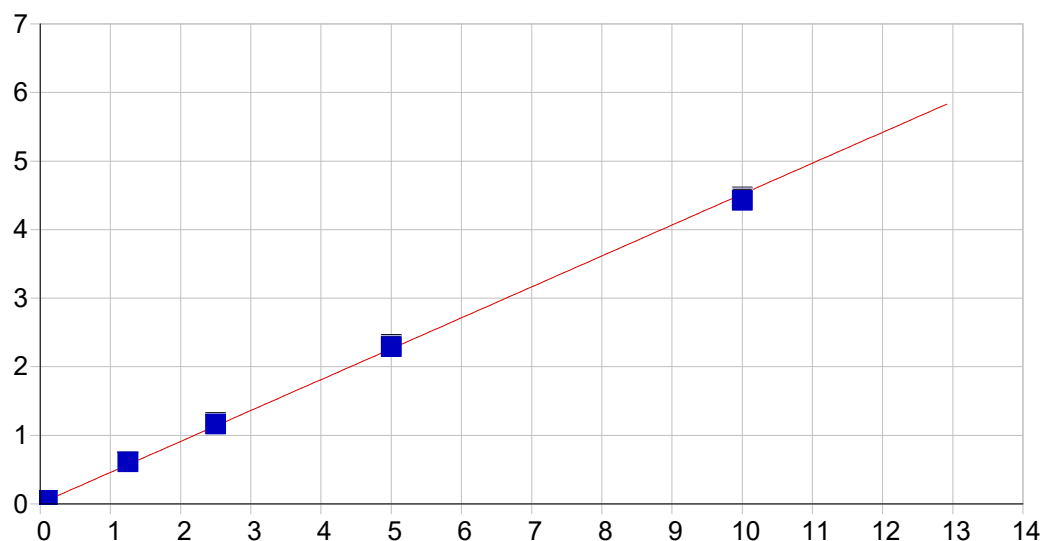


S 182.034 {485}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000310 Re-Slope: 1.000000
 A1 (Gain): 0.029759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.004877
 Predicted MQL: 0.016257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00031	.000	1
S1	.10000	.08530	-.015	-14.7	.00285	.000	1
S2	1.2500	1.2197	-.030	-2.43	.03668	.000	1
S3	2.5000	2.4601	-.040	-1.60	.07367	.000	1
S4	5.0000	5.0471	.047	.942	.15082	.001	1
S5	10.000	10.038	.038	.379	.29965	.001	1

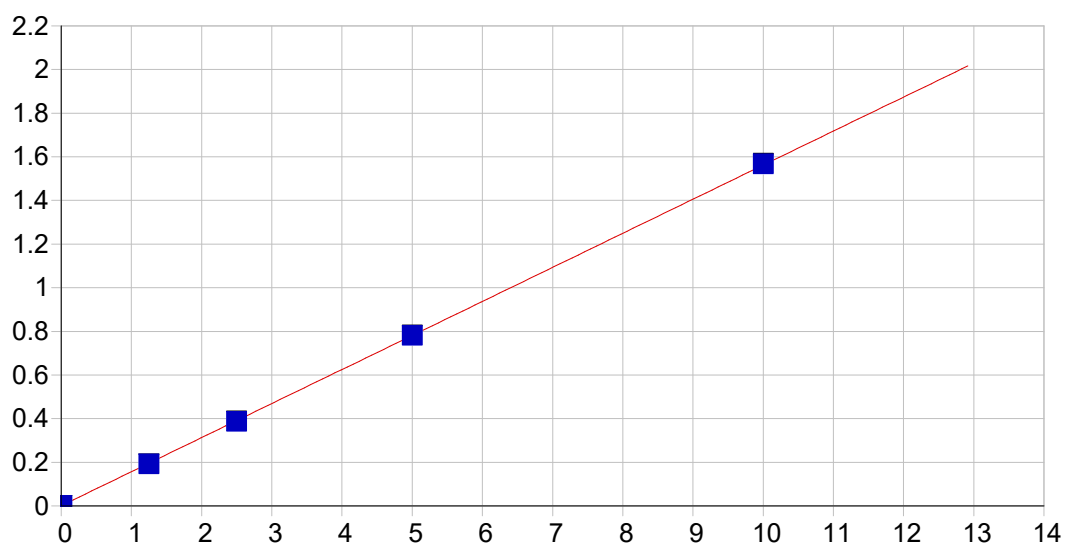


Si 251.611 {134}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008814	Re-Slope:	1.000000
A1 (Gain):	0.450832	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999680	Status:	OK.
Std Error of Est:	0.000612		
Predicted MDL:	0.001086		
Predicted MQL:	0.003620		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00881	.000	1
S1	.10000	.10331	.003	3.31	.05555	.001	1
S2	1.2500	1.3321	.082	6.57	.61434	.003	1
S3	2.5000	2.5609	.061	2.44	1.1733	.014	1
S4	5.0000	5.0648	.065	1.30	2.3121	.013	1
S5	10.000	9.7889	-.211	-2.11	4.4618	.012	1

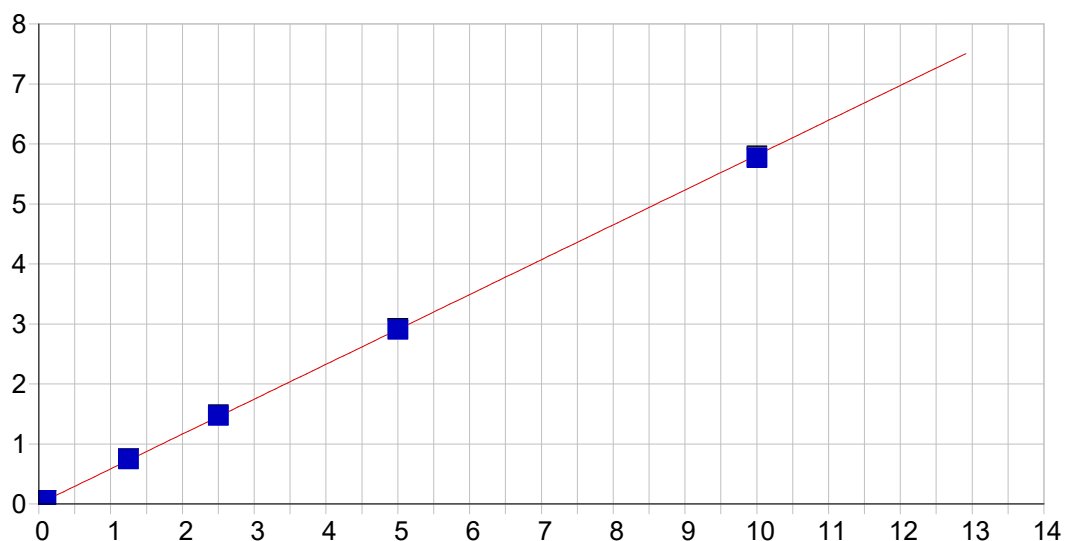


Sn 189.989 {478}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000694	Re-Slope:	1.000000
A1 (Gain):	0.156096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.001053		
Predicted MQL:	0.003511		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.000	1
S1	.00700	.00650	-.001	-7.16	.00168	.000	1
S2	1.2500	1.2280	-.022	-1.76	.19198	.000	1
S3	2.5000	2.4792	-.021	-.833	.38688	.001	1
S4	5.0000	5.0028	.003	.057	.78000	.001	1
S5	10.000	10.040	.040	.405	1.5647	.003	1

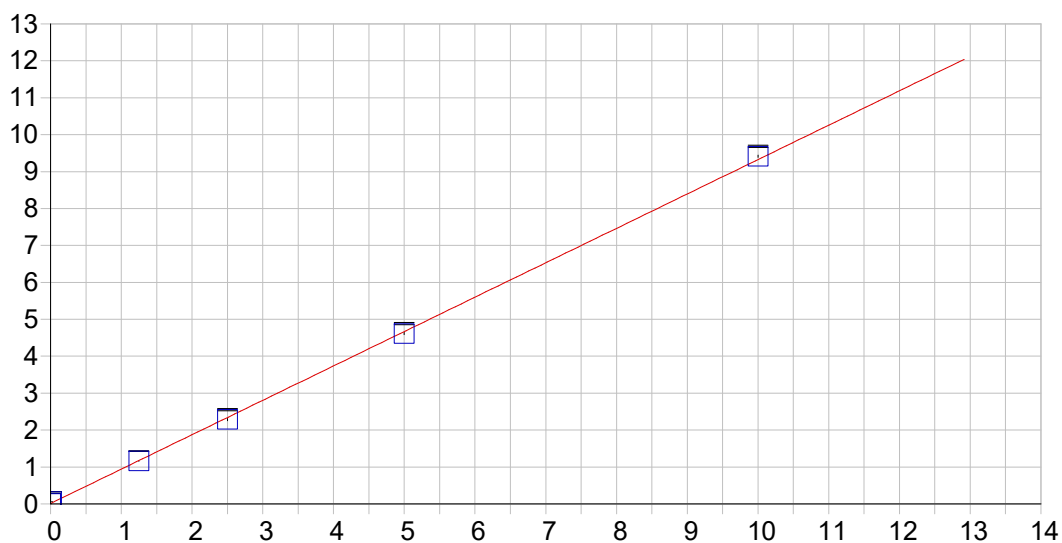


Ti 336.121 {100}

Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002207	Re-Slope:	1.000000
A1 (Gain):	0.581029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000349		
Predicted MDL:	0.001159		
Predicted MQL:	0.003864		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00220	.001	1
S1	.10000	.10835	.008	8.35	.06514	.001	1
S2	1.2500	1.2838	.034	2.70	.74788	.008	1
S3	2.5000	2.5284	.028	1.14	1.4708	.014	1
S4	5.0000	4.9976	-.002	-.048	2.9050	.018	1
S5	10.000	9.9318	-.068	-.682	5.7709	.026	1

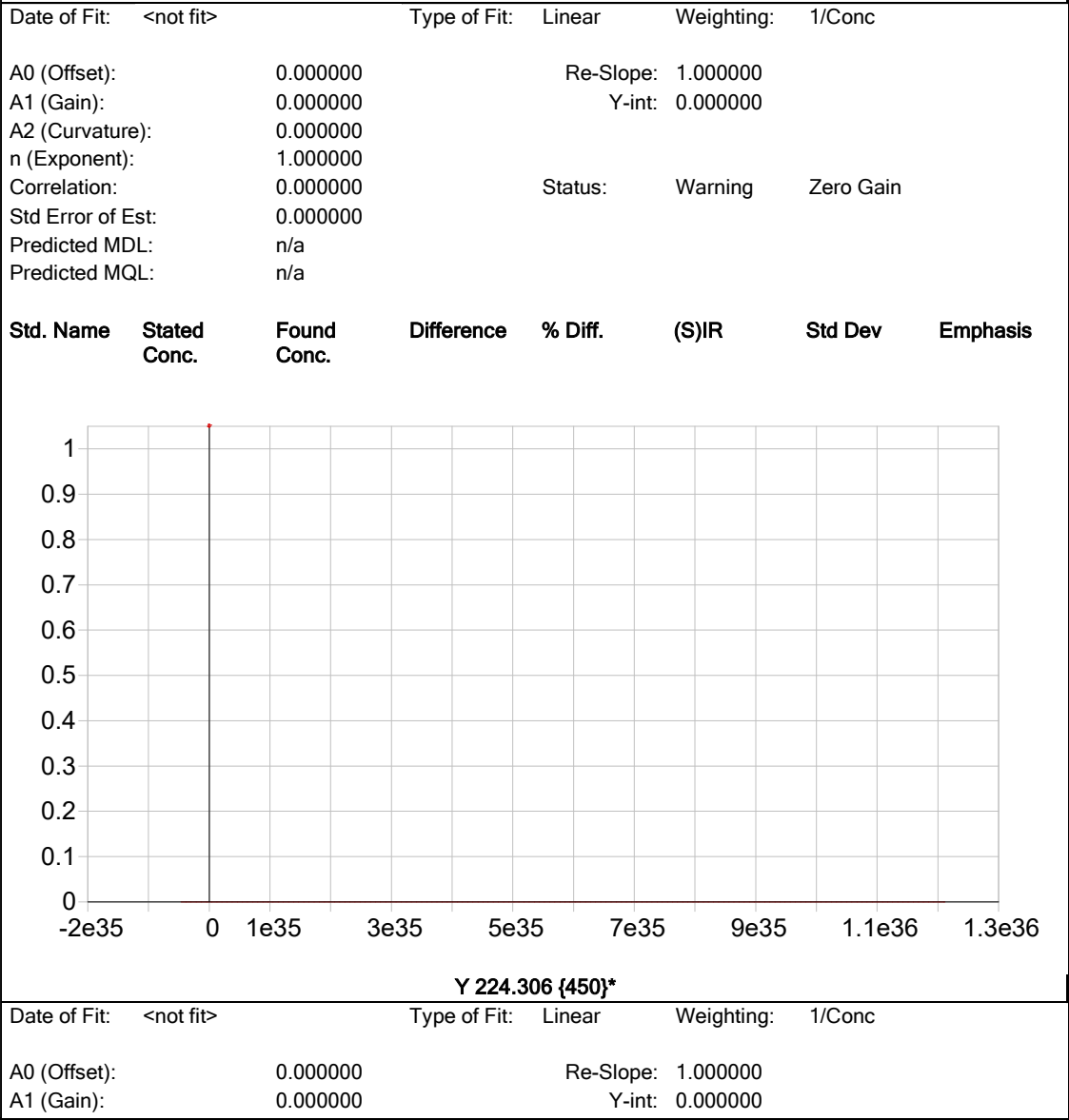
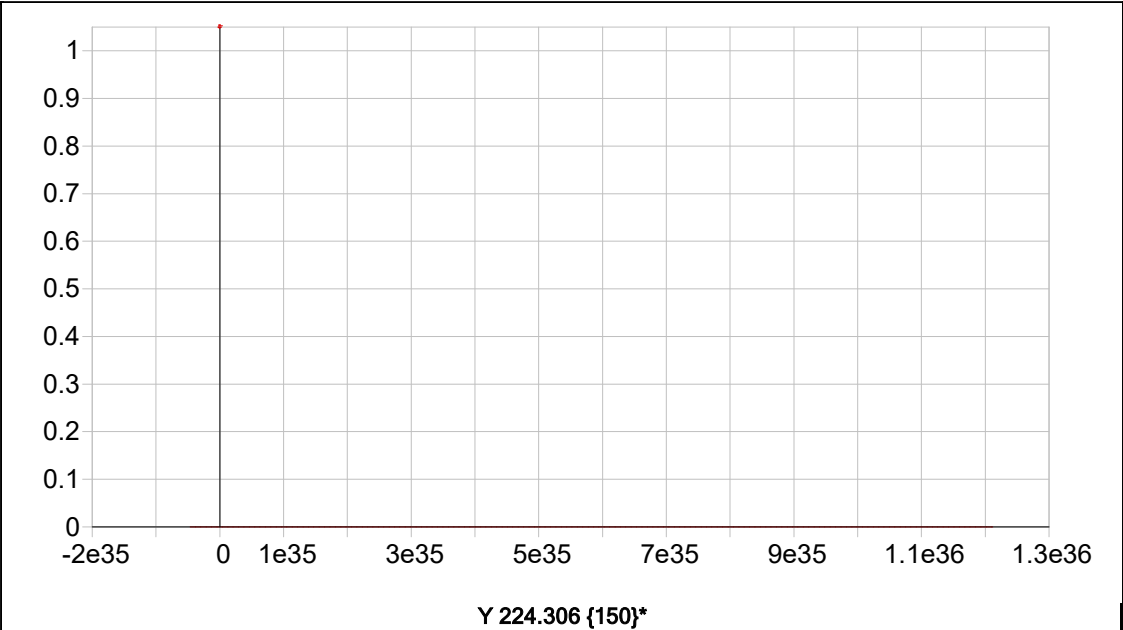


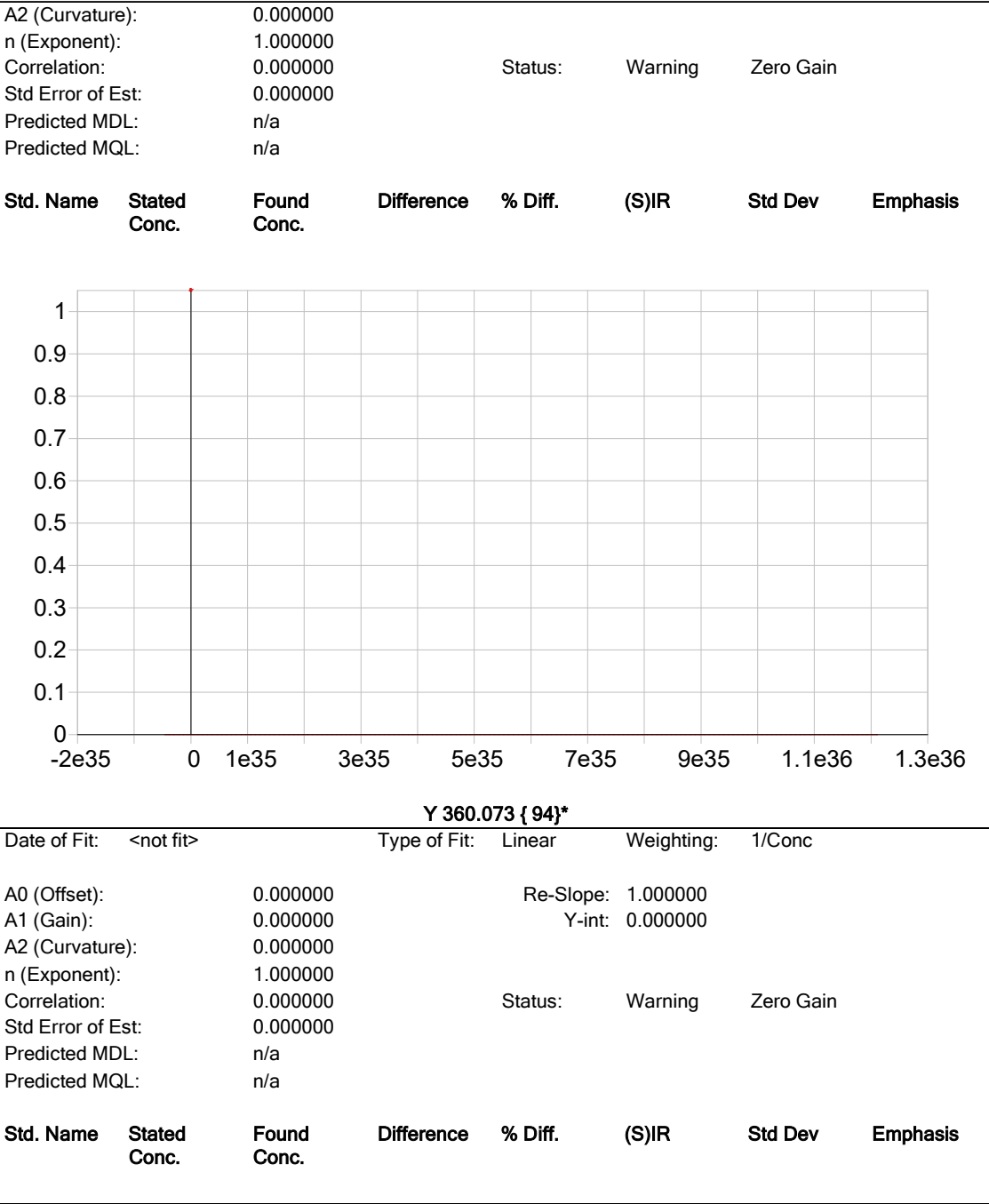
Li 670.784 { 50}

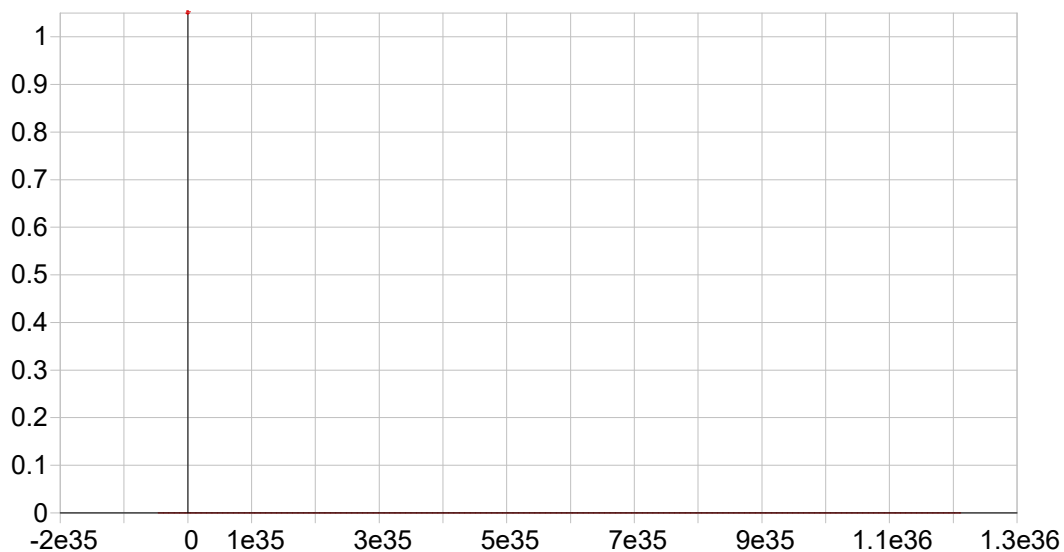
Date of Fit: 06/27/2019 11:18:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011066 Re-Slope: 1.000000
 A1 (Gain): 0.931415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997518 Status: OK.
 Std Error of Est: 0.001350
 Predicted MDL: 0.002127
 Predicted MQL: 0.007089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01103	.001	1
S5	10.000	10.095	.095	.947	9.4135	.031	1
S4	5.0000	4.9415	-.059	-1.17	4.6136	.032	1
S3	2.5000	2.4415	-.059	-2.34	2.2851	.030	1
S2	1.2500	1.2355	-.015	-1.16	1.1618	.010	1
S1	.01500	.05180	.037	245.	.05932	.001	1



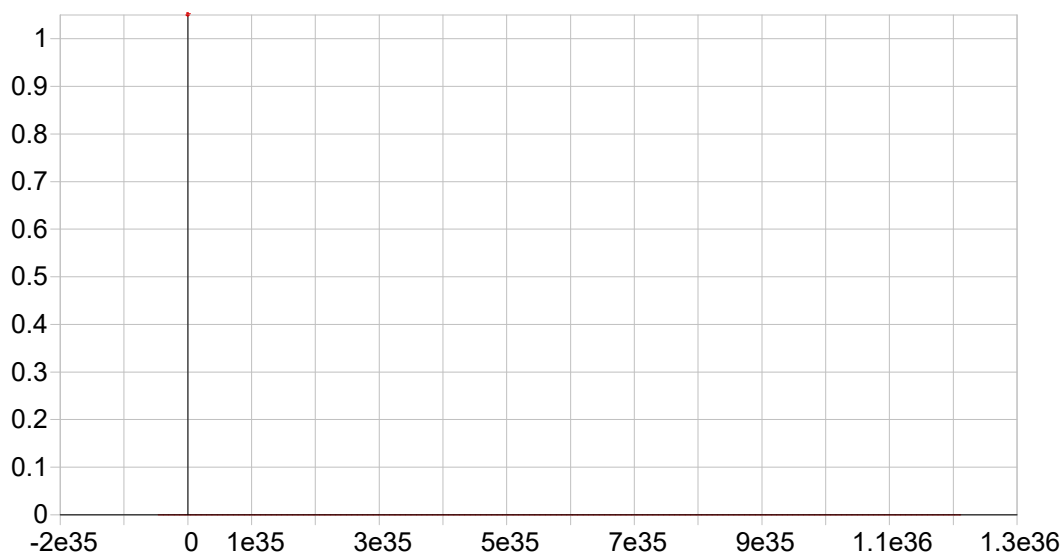




Y 371.030 { 91}*

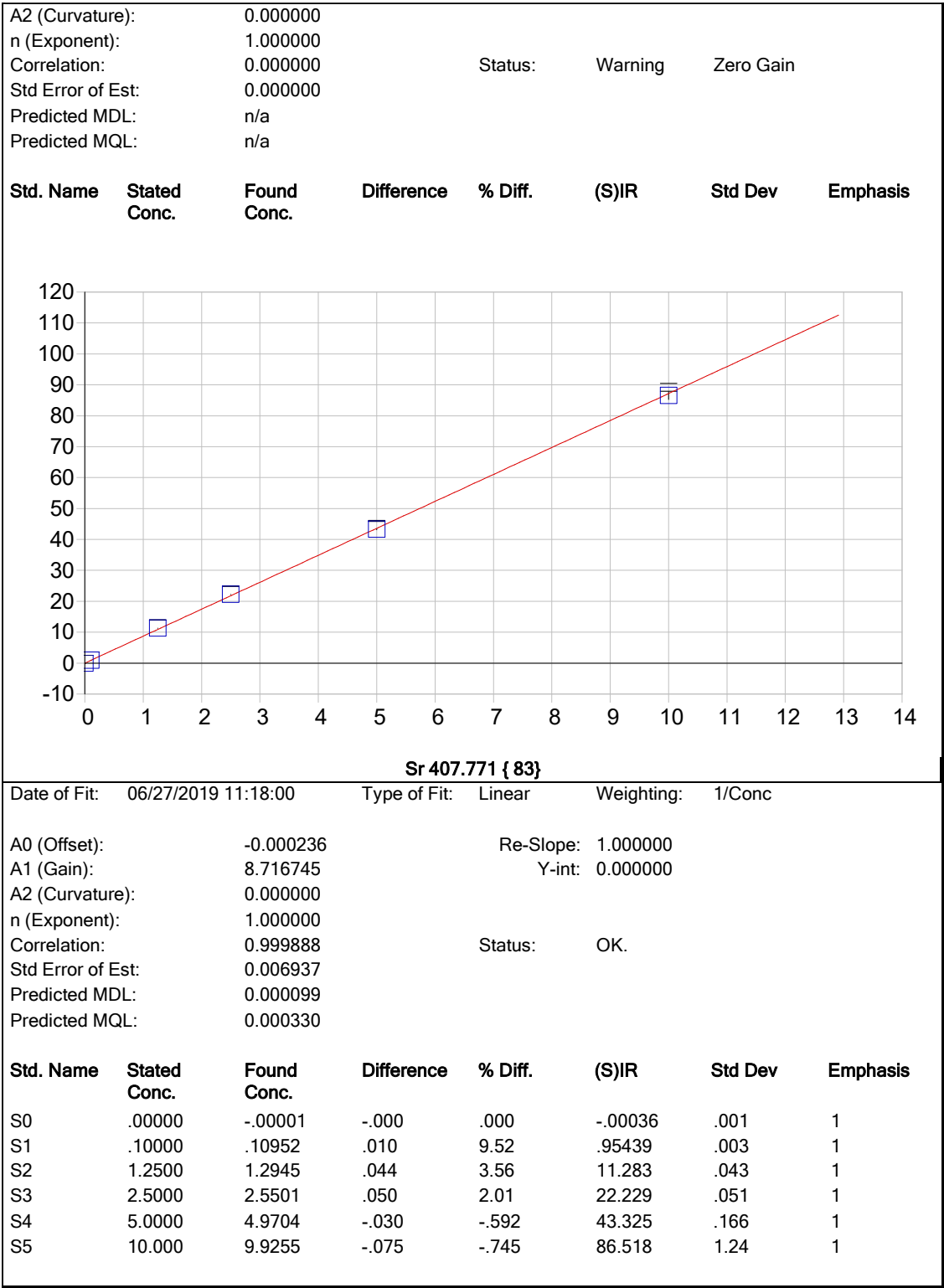
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 06/27/2019 10:41:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	-.00053	-.00165	.00032	.00114	.00099	.00548	.00177	-.00354
Stddev	.00006	.00015	.00030	.00013	.00016	.00076	.00222	.00047
%RSD	11.805	9.0789	91.530	11.539	16.215	13.888	125.36	13.344
#1	-.00046	-.00181	.00009	.00102	.00114	.00519	.00431	-.00396
#2	-.00058	-.00152	.00066	.00112	.00102	.00491	.00027	-.00303
#3	-.00055	-.00161	.00022	.00128	.00082	.00634	.00072	-.00363
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	.00035	.00086	.00006	-.00068	.00228	.00002	.00070	-.00037
Stddev	.00007	.00058	.00010	.00032	.00047	.00009	.00013	.00010
%RSD	20.913	67.998	166.18	46.922	20.700	391.04	18.748	28.350
#1	.00041	.00117	.00017	-.00080	.00261	.00012	.00077	-.00033
#2	.00027	.00121	.00002	-.00032	.00249	-.00005	.00054	-.00029
#3	.00037	.00018	-.00002	-.00093	.00174	-.00000	.00077	-.00049
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	-.00265	-.00088	-.00292	.00033	.00091	.03168	-.00117	.00291
Stddev	.00023	.00017	.00100	.00048	.00012	.00212	.00005	.00039
%RSD	8.5442	19.399	34.283	145.49	13.460	6.6993	4.6344	13.338
#1	-.00248	-.00094	-.00406	.00081	.00085	.03054	-.00123	.00335
#2	-.00291	-.00068	-.00255	.00033	.00105	.03037	-.00117	.00265
#3	-.00256	-.00101	-.00217	-.00015	.00083	.03413	-.00112	.00271
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	.00076	.00031	.00881	.00069	.00220	.01103	-.00036	
Stddev	.00021	.00013	.00024	.00015	.00067	.00113	.00090	
%RSD	27.825	40.987	2.7523	21.654	30.369	10.218	252.35	
#1	.00097	.00031	.00874	.00061	.00287	.01110	-.00065	
#2	.00077	.00018	.00861	.00087	.00153	.01213	-.00107	
#3	.00055	.00044	.00908	.00061	.00220	.00987	.00065	

Sample Name: S0 Acquired: 06/27/2019 10:41:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1605.4	2191.1	34846.	6696.1	2792.2
Stddev	9.4	4.8	98.	70.2	10.1
%RSD	.58609	.21892	.28184	1.0485	.35997
#1	1609.5	2187.3	34854.	6656.9	2781.2
#2	1612.0	2189.5	34940.	6654.2	2794.5
#3	1594.6	2196.5	34744.	6777.2	2800.9

Sample Name: S1 Acquired: 06/27/2019 10:45:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	-.00004	.00104	.00307	.00371	.01440	.02741	.84882	.03018
Stddev	.00012	.00022	.00032	.00008	.00038	.00146	.00602	.00054
%RSD	305.33	20.781	10.416	2.1928	2.6722	5.3157	.70902	1.8006
#1	-.00016	.00125	.00342	.00373	.01449	.02823	.85577	.03000
#2	.00007	.00081	.00298	.00363	.01474	.02573	.84535	.03079
#3	-.00002	.00107	.00280	.00379	.01398	.02827	.84534	.02975
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	.01652	.39722	.00266	.05644	.00964	.00409	.01490	.06632
Stddev	.00017	.00414	.00009	.00030	.00020	.00021	.00056	.00109
%RSD	1.0175	1.0413	3.5661	.53102	2.1248	5.1643	3.7702	1.6367
#1	.01634	.40196	.00262	.05678	.00970	.00433	.01546	.06756
#2	.01666	.39431	.00276	.05635	.00941	.00403	.01434	.06583
#3	.01657	.39540	.00258	.05620	.00981	.00392	.01489	.06557
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	.03355	.00322	.02682	.00925	.03043	.15612	-.00059	.00711
Stddev	.00029	.00016	.00032	.00046	.00066	.00087	.00002	.00054
%RSD	.85610	4.9428	1.1868	4.9612	2.1597	.55851	3.9270	7.6062
#1	.03328	.00341	.02666	.00974	.03083	.15559	-.00057	.00700
#2	.03385	.00314	.02662	.00921	.02967	.15713	-.00062	.00663
#3	.03352	.00313	.02719	.00882	.03080	.15564	-.00059	.00770
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	.00880	.00285	.05555	.00168	.06514	.05932	.95439	
Stddev	.00011	.00005	.00081	.00010	.00102	.00119	.00317	
%RSD	1.2871	1.8631	1.4511	5.8958	1.5585	2.0037	.33184	
#1	.00868	.00287	.05648	.00164	.06628	.06050	.95766	
#2	.00891	.00279	.05514	.00160	.06432	.05933	.95133	
#3	.00881	.00289	.05503	.00179	.06483	.05812	.95420	

Sample Name: S1 Acquired: 06/27/2019 10:45:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1593.1	2176.4	34483.	6594.0	2808.4
Stddev	4.0	3.2	151.	18.2	8.7
%RSD	.25298	.14663	.43728	.27602	.30813
#1	1594.3	2172.9	34494.	6578.0	2799.2
#2	1596.5	2177.1	34627.	6613.8	2809.6
#3	1588.7	2179.2	34326.	6590.1	2816.4

Sample Name: S2 Acquired: 06/27/2019 10:49:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.07767	.12656	1.6926	.09821	.26743	4.1903	10.053	.80580
Stddev	.00010	.00015	.0008	.00011	.00109	.0318	.108	.00436
%RSD	.12780	.11558	.04890	.10799	.40841	.75976	1.0746	.54093

#1	.07766	.12667	1.6933	.09821	.26711	4.2269	10.173	.80758
#2	.07757	.12662	1.6927	.09810	.26654	4.1687	9.9628	.80083
#3	.07777	.12639	1.6917	.09831	.26865	4.1754	10.025	.80899

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	1.8783	4.5441	.87440	.68598	.93210	1.3737	3.2253	.76778
Stddev	.0017	.0613	.00251	.00189	.00612	.0124	.0389	.00700
%RSD	.09112	1.3487	.28681	.27535	.65691	.89982	1.2046	.91136

#1	1.8770	4.6130	.87316	.68815	.93915	1.3879	3.2680	.77577
#2	1.8778	4.4958	.87729	.68505	.92812	1.3654	3.1920	.76274
#3	1.8802	4.5235	.87275	.68473	.92903	1.3679	3.2160	.76484

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	.51733	.11673	.20114	.10023	1.7136	.93188	.06597	.55099
Stddev	.00023	.00081	.00349	.00052	.0121	.00338	.00005	.00313
%RSD	.04533	.69704	1.7363	.52343	.70741	.36250	.07938	.56738

#1	.51756	.11604	.20502	.10050	1.7208	.93537	.06595	.55180
#2	.51709	.11763	.19825	.09963	1.7203	.92862	.06593	.54754
#3	.51732	.11653	.20014	.10057	1.6996	.93165	.06603	.55363

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	.96417	.03668	.61434	.19198	.74788	1.1618	11.283
Stddev	.00044	.00004	.00326	.00034	.00796	.0098	.043
%RSD	.04580	.11112	.53113	.17556	1.0637	.84187	.38015

#1	.96449	.03672	.61696	.19223	.75699	1.1718	11.332
#2	.96367	.03664	.61068	.19210	.74226	1.1523	11.251
#3	.96436	.03669	.61537	.19160	.74440	1.1614	11.267

Sample Name: S2 Acquired: 06/27/2019 10:49:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1556.1	2102.0	34148.	6538.5	2664.3
Stddev	6.5	4.4	172.	53.0	6.7
%RSD	.42004	.21129	.50426	.81023	.25289
#1	1550.2	2097.8	34059.	6480.4	2657.0
#2	1555.0	2106.6	34038.	6584.2	2670.3
#3	1563.1	2101.7	34346.	6550.8	2665.5

Sample Name: S3 Acquired: 06/27/2019 10:53:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.15573	.25190	3.3838	.19191	.53195	8.3342	19.918	1.5652
Stddev	.00037	.00046	.0092	.00121	.00151	.0591	.203	.0261
%RSD	.23739	.18123	.27246	.62908	.28397	.70876	1.0177	1.6641

#1	.15559	.25143	3.3849	.19102	.53288	8.2853	19.807	1.5427
#2	.15545	.25234	3.3741	.19328	.53021	8.3174	19.795	1.5591
#3	.15615	.25191	3.3924	.19142	.53276	8.3998	20.152	1.5938

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	3.7169	8.9306	1.7106	1.3780	1.8293	2.6652	6.2742	1.5196
Stddev	.0080	.1069	.0059	.0020	.0069	.0226	.0741	.0161
%RSD	.21567	1.1970	.34415	.14802	.37900	.84603	1.1810	1.0586

#1	3.7143	8.8650	1.7127	1.3773	1.8233	2.6473	6.2321	1.5081
#2	3.7105	8.8728	1.7151	1.3764	1.8278	2.6576	6.2307	1.5127
#3	3.7259	9.0539	1.7039	1.3803	1.8369	2.6905	6.3598	1.5380

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	1.0364	.23479	.40099	.19752	3.4419	1.8351	.13373	1.0844
Stddev	.0014	.00078	.00564	.00120	.0198	.0099	.00040	.0138
%RSD	.13477	.33430	1.4057	.60599	.57568	.53840	.29553	1.2771

#1	1.0365	.23466	.39732	.19640	3.4648	1.8259	.13378	1.0730
#2	1.0350	.23563	.39816	.19738	3.4314	1.8340	.13331	1.0805
#3	1.0378	.23408	.40748	.19878	3.4296	1.8455	.13410	1.0998

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	1.9269	.07367	1.1733	.38688	1.4708	2.2851	22.229
Stddev	.0058	.00028	.0138	.00115	.0137	.0297	.051
%RSD	.30278	.37518	1.1789	.29729	.93159	1.2984	.23064

#1	1.9264	.07363	1.1619	.38751	1.4622	2.2724	22.185
#2	1.9213	.07397	1.1693	.38555	1.4636	2.2639	22.216
#3	1.9329	.07342	1.1887	.38757	1.4866	2.3190	22.285

Sample Name: S3 Acquired: 06/27/2019 10:53:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1505.0	2027.2	33687.	6533.1	2541.7
Stddev	8.4	7.1	200.	56.1	6.6
%RSD	.56134	.34794	.59388	.85904	.25844
#1	1496.9	2019.7	33586.	6574.9	2535.6
#2	1504.4	2033.6	33558.	6555.1	2548.6
#3	1513.8	2028.5	33918.	6469.3	2540.8

Sample Name: S4 Acquired: 06/27/2019 10:57:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.32020	.50204	6.8791	.38094	1.0851	16.853	39.948	3.0599
Stddev	.00044	.00166	.0134	.00025	.0009	.088	.277	.0145
%RSD	.13635	.33059	.19493	.06470	.08493	.52378	.69232	.47399

#1	.32023	.50110	6.8702	.38091	1.0859	16.822	39.952	3.0764
#2	.31975	.50106	6.8725	.38120	1.0854	16.785	39.670	3.0539
#3	.32062	.50395	6.8945	.38071	1.0841	16.953	40.223	3.0494

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	7.4198	17.812	3.3601	2.7898	3.6233	5.2166	12.415	3.0571
Stddev	.0207	.133	.0040	.0059	.0132	.0265	.078	.0131
%RSD	.27942	.74883	.11745	.20962	.36284	.50787	.62890	.42957

#1	7.4007	17.794	3.3646	2.7836	3.6240	5.2035	12.400	3.0526
#2	7.4169	17.689	3.3576	2.7905	3.6098	5.1992	12.345	3.0468
#3	7.4418	17.954	3.3580	2.7953	3.6361	5.2471	12.499	3.0719

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0783	.47998	.80230	.39059	7.1193	3.6970	.27199	2.1673
Stddev	.0020	.00130	.00402	.00197	.0588	.0060	.00040	.0112
%RSD	.09608	.27018	.50082	.50321	.82584	.16200	.14542	.51476

#1	2.0764	.47920	.80285	.38987	7.0793	3.6983	.27154	2.1798
#2	2.0780	.48148	.79803	.38909	7.0917	3.6905	.27216	2.1637
#3	2.0804	.47926	.80601	.39282	7.1868	3.7023	.27228	2.1584

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9190	.15082	2.3121	.78000	2.9050	4.6136	43.325
Stddev	.0073	.00079	.0126	.00143	.0179	.0316	.166
%RSD	.18640	.52086	.54474	.18308	.61615	.68467	.38398

#1	3.9133	.15047	2.3267	.77889	2.8968	4.6209	43.249
#2	3.9164	.15027	2.3055	.77950	2.8926	4.5790	43.516
#3	3.9273	.15172	2.3043	.78161	2.9255	4.6409	43.211

Sample Name: S4 Acquired: 06/27/2019 10:57:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1411.3	1906.1	32624.	6411.7	2377.4
Stddev	4.8	.6	23.	23.6	4.2
%RSD	.34139	.03236	.07082	.36886	.17785
#1	1411.1	1906.7	32643.	6384.7	2382.1
#2	1416.2	1906.0	32598.	6428.8	2376.4
#3	1406.6	1905.5	32630.	6421.5	2373.8

Sample Name: S6 Acquired: 06/27/2019 11:05:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	94.924	60.740	28.943	10.478	4.8126
Stddev	.661	.335	.230	.088	.0484
%RSD	.69604	.55077	.79592	.84072	1.0053

#1	95.134	60.659	28.799	10.429	4.7926
#2	95.455	60.453	29.208	10.580	4.8678
#3	94.184	61.107	28.821	10.426	4.7774

Int. Std.	Y_3710
Units	Cts/S
Avg	6147.0
Stddev	48.5
%RSD	.78974

#1	6135.3
#2	6105.4
#3	6200.4

Sample Name: S5 Acquired: 06/27/2019 11:01:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.66308	.97996	13.840	.75013	2.2387	34.088	79.126	5.9881
Stddev	.00379	.00218	.042	.00310	.0063	.108	.625	.0104
%RSD	.57123	.22209	.30177	.41269	.28221	.31664	.78936	.17300

#1	.66372	.97792	13.814	.75052	2.2363	34.158	78.921	5.9766
#2	.65902	.97972	13.817	.74686	2.2340	33.964	79.828	5.9966
#3	.66651	.98225	13.888	.75302	2.2459	34.142	78.630	5.9911

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	14.672	35.585	6.5131	5.5947	7.1880	10.232	24.592	6.1837
Stddev	.042	.177	.0013	.0207	.0176	.038	.107	.0213
%RSD	.28782	.49831	.01933	.37070	.24554	.37085	.43642	.34506

#1	14.641	35.546	6.5118	5.5839	7.2055	10.232	24.547	6.1770
#2	14.655	35.431	6.5134	5.5817	7.1702	10.195	24.514	6.1665
#3	14.720	35.779	6.5143	5.6187	7.1881	10.270	24.714	6.2076

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	4.1406	.98063	1.6181	.76909	14.946	7.4725	.53618	4.2856
Stddev	.0107	.00242	.0069	.00421	.113	.0104	.00224	.0199
%RSD	.25881	.24668	.42425	.54694	.75794	.13935	.41775	.46413

#1	4.1334	.98183	1.6158	.77377	15.023	7.4717	.53548	4.2725
#2	4.1356	.98221	1.6127	.76562	14.816	7.4833	.53437	4.3085
#3	4.1529	.97784	1.6259	.76787	14.999	7.4625	.53868	4.2759

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	8.0560	.29965	4.4618	1.5647	5.7709	9.4135	86.518
Stddev	.0264	.00062	.0124	.0033	.0261	.0315	1.242
%RSD	.32759	.20670	.27906	.20813	.45267	.33432	1.4350

#1	8.0512	.29907	4.4536	1.5642	5.7822	9.3955	87.891
#2	8.0323	.29957	4.4762	1.5618	5.7410	9.3951	86.186
#3	8.0844	.30030	4.4558	1.5682	5.7894	9.4498	85.475

Sample Name: S5 Acquired: 06/27/2019 11:01:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	1279.5	1730.1	31355.	6204.7	2181.6
Stddev	5.4	6.4	109.	9.4	4.8
%RSD	.42281	.36798	.34653	.15113	.21992
#1	1273.8	1724.5	31230.	6195.3	2178.4
#2	1284.5	1737.0	31424.	6204.8	2187.1
#3	1280.2	1728.7	31411.	6214.1	2179.3

Sample Name: ICV Acquired: 06/27/2019 11:10:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.9654830	1.048081	.9912994	1.036081	1.013255	2.346254
Stddev	.0119384	.009232	.0052964	.009637	.009762	.015571
%RSD	1.236519	.8808163	.5342925	.9301276	.9634677	.6636364

#1	.9523483	1.038675	.9862098	1.024963	1.001984	2.335044
#2	.9756745	1.048441	.9909077	1.041242	1.018733	2.364032
#3	.9684261	1.057128	.9967809	1.042038	1.019049	2.339685

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912178	.4985029	.5091863	9.762902	.5222090	.5038696
Stddev	.0028887	.0025167	.0037121	.079940	.0053246	.0040574
%RSD	.5880621	.5048489	.7290286	.8188155	1.019622	.8052545

#1	.4884339	.4980507	.5054091	9.671289	.5182790	.4995629
#2	.4910184	.4962429	.5093200	9.798926	.5200793	.5044252
#3	.4942010	.5012150	.5128297	9.818490	.5282688	.5076205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4622717	5.056539	.4949844	5.650472	.5126935	.4799622
Stddev	.0055226	.029452	.0059163	.062966	.0040053	.0069637
%RSD	1.194673	.5824616	1.195250	1.114351	.7812294	1.450887

#1	.4558990	5.029262	.4882233	5.578680	.5090962	.4724672
#2	.4656595	5.052588	.4975178	5.676408	.5119748	.4811876
#3	.4652567	5.087768	.4992122	5.696327	.5170095	.4862319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.948805	.4876648	.9823249	9.273784	F -.001495	F .0095658
Stddev	.211446	.0028586	.0156156	.107086	.002319	.0008653
%RSD	2.125343	.5861776	1.589660	1.154717	155.1103	9.045864

#1	9.954250	.4851095	.9643993	9.170449	.000758	.0090534
#2	9.734689	.4871328	.9895981	9.266642	-.001368	.0105649
#3	10.15748	.4907519	.9929771	9.384263	-.003876	.0090792

Sample Name: ICV Acquired: 06/27/2019 11:10:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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 .0000131	F -.001369	F .0011968	F -.000002	F -.000481	F .0075768
Stddev	.0000651	.004949	.0007367	.000338	.000209	.0027128
%RSD	496.2236	361.5968	61.55603	13696.83	43.42934	35.80374
#1	.0000881	-.006814	.0019602	.000233	-.000264	.0103477
#2	-.000030	-.000148	.0004900	-.000390	-.000498	.0049262
#3	-.000019	.002856	.0011402	.000149	-.000682	.0074563

Elem	Sr4077
Units	ppm
Avg	F .0113735
Stddev	.0002109
%RSD	1.853919
#1	.0111962
#2	.0113176
#3	.0116066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.391	2152.928	34187.46	6509.072	2784.066
Stddev	2.860	3.861	224.12	13.318	6.610
%RSD	.1809672	.1793189	.6555639	.2046054	.2374053
#1	1583.340	2150.360	34440.11	6495.414	2776.549
#2	1577.629	2151.056	34109.66	6522.021	2788.964
#3	1580.204	2157.367	34012.60	6509.781	2786.687

Sample Name: ICB Acquired: 06/27/2019 11:14:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	-.003030	-.000717	.0012487	-.000508	-.001449	-.001125	.0005243
Stddev	.002419	.000639	.0012222	.000604	.000585	.009528	.0001847
%RSD	79.84330	89.11037	97.87395	118.9701	40.40764	846.7297	35.23309

#1	-.002030	-.000887	.0026170	-.001092	-.000938	-.000361	.0005309
#2	-.001271	-.001255	.0002654	.000114	-.002088	.007998	.0003363
#3	-.005789	-.000010	.0008637	-.000546	-.001321	-.011013	.0007056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000919	.0074741	-.000144	.0002683	.0010229	.0010778
Stddev	.000086	.0000404	.0102111	.000137	.0000361	.0009768	.0018845
%RSD	2273.665	44.02058	136.6186	95.41191	13.43984	95.49695	174.8485

#1	.000093	.0001377	.0189684	.000014	.0002331	.0016373	-.000091
#2	-.000071	.0000767	-.000548	-.000211	.0002666	-.000103	.003252
#3	-.000034	.0000612	.004002	-.000234	.0003052	.001535	.000072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000019	.0149173	.0003043	.0000437	.2870730	.0006821	-.001414
Stddev	.0003868	.0219741	.0007532	.0003691	.3821720	.0020701	.001323
%RSD	20458.56	147.3058	247.5009	845.3985	133.1271	303.5062	93.56551

#1	.0002433	.0315363	-.000327	-.000038	.3983279	.0016849	-.002498
#2	.0002067	-.009997	.001138	.000447	.6012728	.0020598	-.001803
#3	-.000444	.023213	.000102	-.000278	-.138382	-.001698	.000060

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662187	-.000002	.0037560	.0002238	-.008412	-.002926	-.000033
Stddev	.0269094	.001998	.0003250	.0001706	.002605	.000340	.000130
%RSD	40.63724	93042.28	8.651615	76.20813	30.96855	11.60339	396.6644

#1	.0922866	-.000929	.0037988	.0000272	-.007704	-.002793	-.000117
#2	.0678293	-.001369	.0040574	.0003125	-.006234	-.003312	.000117
#3	.0385401	.002291	.0034117	.0003318	-.011298	-.002673	-.000099

Sample Name: ICB Acquired: 06/27/2019 11:14:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.0002932	.0027960	.0001062
Stddev	.0006015	.0027656	.0000833
%RSD	205.1575	98.91246	78.43784

#1	-.000401	.0004931	.0002019
#2	.000660	.0020315	.0000507
#3	.000621	.0058635	.0000659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.885	2155.972	34196.87	6392.370	2765.606
Stddev	2.401	1.911	155.56	48.861	2.280
%RSD	.1508980	.0886397	.4549078	.7643577	.0824449

#1	1588.477	2153.946	34085.75	6370.240	2764.351
#2	1593.278	2157.742	34374.66	6448.380	2768.238
#3	1590.901	2156.229	34130.21	6358.490	2764.228

Sample Name: ICSA Acquired: 06/27/2019 11:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	-.001307	.0050554	.0029553	-.018059	.0018012	259.2560
Stddev	.003808	.0016445	.0006427	.003233	.0008751	.8735
%RSD	291.3065	32.52930	21.74719	17.90133	48.58488	.3369074

#1	-.005704	.0044928	.0022148	-.014347	.0027963	259.9461
#2	.000967	.0069074	.0033679	-.019573	.0011514	258.2740
#3	.000815	.0037661	.0032831	-.020257	.0014560	259.5479

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069046	.0009778	.0009384	266.0253	.0542090	.0016989
Stddev	.0002839	.0001179	.0001401	3.2379	.0007160	.0004507
%RSD	4.111862	12.05826	14.92470	1.217128	1.320751	26.53138

#1	.0067680	.0008561	.0011000	269.5428	.0535407	.0021495
#2	.0067147	.0010915	.0008509	263.1692	.0541218	.0012480
#3	.0072309	.0009860	.0008644	265.3639	.0549646	.0016991

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	108.4497	.0160273	273.9377	-.000668	-.003379
Stddev	.000869	.8171	.0004271	2.3419	.000254	.000208
%RSD	2541.935	.7533965	2.664637	.8548854	37.98347	6.160648

#1	-.000134	109.3753	.0163439	276.5059	-.000539	-.003308
#2	-.000849	107.8286	.0161964	271.9204	-.000505	-.003614
#3	.000880	108.1452	.0155416	273.3867	-.000961	-.003216

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1390684	.0020141	.0029511	-.103598	F .0120583	-.013509
Stddev	.1543850	.0033121	.0013329	.060340	.0005377	.003003
%RSD	111.0137	164.4457	45.16480	58.24388	4.459371	22.23035

#1	.1370587	-.001528	.0021490	-.109251	.0126591	-.015729
#2	.2944485	.005035	.0022146	-.040631	.0118935	-.014705
#3	-.014302	.002535	.0044897	-.160912	.0116223	-.010092

Sample Name: ICSA Acquired: 06/27/2019 11:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	-.000111	F -.003972	F -.005380	-.002314	F -.002011	W .0057910
Stddev	.000683	.006489	.001132	.001377	.001290	.0004087
%RSD	616.0411	163.3673	21.04565	59.48357	64.11469	7.056842

#1	.000060	-.010129	-.004073	-.003694	-.000680	.0060774
#2	-.000863	-.004593	-.006079	-.000941	-.003254	.0059726
#3	.000471	.002805	-.005987	-.002309	-.002099	.0053231

Elem	Sr4077
Units	ppm
Avg	F .1109611
Stddev	.0002323
%RSD	.2093437

#1	.1111080
#2	.1106934
#3	.1110821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.398	2005.831	32087.85	6289.341	2446.088
Stddev	3.651	9.556	61.86	86.154	4.137
%RSD	.2488057	.4763891	.1927720	1.369847	.1691073

#1	1466.507	2005.086	32027.51	6197.445	2442.551
#2	1464.274	1996.670	32084.94	6302.291	2445.077
#3	1471.411	2015.738	32151.12	6368.287	2450.637

Sample Name: K3416-01 Acquired: 06/27/2019 12:16:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.316507	.0262730	8.519618	-.011508	.0503680	6.091760
Stddev	.006028	.0031521	.017850	.004056	.0019282	.010240
%RSD	.4578496	11.99732	.2095134	35.24305	3.828115	.1680939

#1	1.313210	.0278885	8.511053	-.014273	.0495216	6.090495
#2	1.312846	.0282898	8.507664	-.006852	.0525746	6.102573
#3	1.323464	.0226407	8.540136	-.013400	.0490079	6.082211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4650631	-.008946	.0576118	4.491953	-.035200	.0184931
Stddev	.0029029	.000109	.0001535	.036880	.001346	.0001077
%RSD	.6241980	1.222754	.2664192	.8210234	3.825015	.5821834

#1	.4684036	-.008932	.0576123	4.534066	-.036627	.0186079
#2	.4636327	-.008844	.0574581	4.476372	-.033952	.0184772
#3	.4631529	-.009061	.0577651	4.465421	-.035020	.0183944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.317359	107.5823	F 252.0400	.3680595	.0044497	.5008529
Stddev	.007022	.4932	3.4276	.0156503	.0004065	.0017195
%RSD	.5330251	.4584785	1.359958	4.252105	9.134835	.3433113

#1	1.324100	108.1185	254.7649	.3856571	.0041355	.4989334
#2	1.317890	107.4804	248.1916	.3628206	.0043047	.5013730
#3	1.310087	107.1479	253.1634	.3557006	.0049087	.5022523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9567539	.2749288	4.666467	12.46967	2.099938	-.011449
Stddev	.1226858	.0072721	.041803	.02666	.009179	.001407
%RSD	12.82313	2.645094	.8958159	.2137901	.4371033	12.28899

#1	.8219060	.2730782	4.628122	12.47786	2.102738	-.010851
#2	.9865769	.2829474	4.711031	12.43987	2.089685	-.010439
#3	1.061779	.2687607	4.660249	12.49126	2.107391	-.013056

Sample Name: K3416-01 Acquired: 06/27/2019 12:16:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1101067	.9312197	1.091135	.0059778	.0604172	-.005019
Stddev	.0002306	.0103413	.011449	.0007157	.0005161	.001554
%RSD	.2094278	1.110517	1.049286	11.97287	.8542331	30.96092
#1	.1098672	.9296806	1.104001	.0061077	.0609386	-.006804
#2	.1101258	.9422444	1.082071	.0066196	.0599066	-.003965
#3	.1103272	.9217342	1.087332	.0052060	.0604062	-.004288

Elem	Sr4077
Units	ppm
Avg	1.800575
Stddev	.004543
%RSD	.2523150
#1	1.805690
#2	1.797008
#3	1.799028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.506	2749.526	42784.27	8151.551	2753.934
Stddev	10.437	2.031	231.53	68.731	.953
%RSD	.5199193	.0738494	.5411475	.8431692	.0346048
#1	2017.118	2751.598	43045.09	8102.182	2754.982
#2	2008.996	2747.540	42704.68	8230.050	2753.119
#3	1996.404	2749.440	42603.03	8122.420	2753.701

Sample Name: ICSAB Acquired: 06/27/2019 11:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.0948062	.1197440	.0532771	.0319130	.6322944	247.9773
Stddev	.0033899	.0020192	.0021906	.0030739	.0061983	1.6244
%RSD	3.575634	1.686262	4.111686	9.632006	.9802829	.6550772

#1	.0985049	.1186596	.0517699	.0339945	.6252108	246.5507
#2	.0940663	.1220737	.0522714	.0333621	.6367223	247.6358
#3	.0918473	.1184986	.0557899	.0283825	.6349502	249.7453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5269414	.5257847	1.062985	255.1757	.6026862	.5359104
Stddev	.0109461	.0021743	.010019	2.6536	.0053031	.0051590
%RSD	2.077295	.4135371	.9425402	1.039895	.8799086	.9626666

#1	.5166592	.5238179	1.052854	252.5213	.5968345	.5308446
#2	.5257167	.5281195	1.063214	255.1776	.6040495	.5357288
#3	.5384484	.5254165	1.072888	257.8284	.6071745	.5411579

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4742470	103.8833	.5260417	261.5990	1.070145	F .1508210
Stddev	.0090924	.7249	.0103001	2.0999	.010423	.0005741
%RSD	1.917238	.6978120	1.958043	.8027346	.9739374	.3806736

#1	.4659123	103.1775	.5161636	259.6108	1.060614	.1502077
#2	.4728850	103.8467	.5252439	261.3909	1.068546	.1509098
#3	.4839435	104.6259	.5367174	263.7952	1.081274	.1513456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.232603	.5126551	1.057928	-.496277	.0058553	-.012962
Stddev	.279558	.0094134	.026926	.049420	.0035722	.003464
%RSD	120.1867	1.836200	2.545159	9.958102	61.00771	26.72458

#1	-.426982	.5057638	1.031455	-.439217	.0019408	-.016475
#2	.087780	.5088211	1.057042	-.525463	.0089385	-.012863
#3	-.358607	.5233805	1.085285	-.524152	.0066866	-.009549

Sample Name: ICSAB Acquired: 06/27/2019 11:23:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) 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	.0008211	F -.001353	F -.006725	-.004278	F -.002474	W -.001244
Stddev	.0002795	.002567	.000781	.001254	.000696	.002223
%RSD	34.03956	189.7947	11.61242	29.32251	28.12579	178.7135
#1	.0008147	.000469	-.006499	-.004613	-.002148	.000917
#2	.0005449	-.004289	-.007594	-.002890	-.002001	-.003524
#3	.0011037	-.000238	-.006082	-.005331	-.003274	-.001124

Elem	Sr4077
Units	ppm
Avg	F .1053271
Stddev	.0001891
%RSD	.1795000
#1	.1053939
#2	.1054736
#3	.1051137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.178	2056.896	32754.70	6445.043	2492.158
Stddev	9.143	1.518	105.40	21.416	.689
%RSD	.6070351	.0738199	.3217800	.3322832	.0276661
#1	1515.689	2055.465	32855.01	6442.311	2492.506
#2	1505.391	2056.735	32764.23	6425.125	2491.364
#3	1497.454	2058.489	32644.86	6467.694	2492.604

Sample Name: CCV014 Acquired: 06/27/2019 11:27:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.725701	4.827053	24.41892	4.505521	4.780381	413.2812	10.15749
Stddev	.015628	.002667	.01374	.007044	.003945	.9909	.06580
%RSD	.3306969	.0552594	.0562831	.1563394	.0825338	.2397660	.6477578

#1	4.707756	4.829385	24.43260	4.499615	4.775825	413.1558	10.15451
#2	4.733028	4.827631	24.40511	4.503630	4.782697	414.3288	10.22473
#3	4.736318	4.824145	24.41906	4.513317	4.782620	412.3590	10.09324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921489	2.451564	401.1503	15.22570	2.508706	14.91286	413.0715
Stddev	.0016386	.001476	2.5385	.02276	.000787	.01777	1.3757
%RSD	.3329417	.0602179	.6328065	.1494820	.0313777	.1191690	.3330499

#1	.4902715	2.452883	400.7480	15.24306	2.508554	14.90953	413.0653
#2	.4932912	2.451840	403.8659	15.23410	2.508006	14.93206	414.4503
#3	.4928839	2.449970	398.8370	15.19993	2.509558	14.89699	411.6988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04148	405.4970	2.460263	1.287814	412.1863	2.490214	15.15397
Stddev	.07310	1.3699	.002069	.008655	2.1022	.006467	.05396
%RSD	.4859952	.3378376	.0840985	.6720925	.5100025	.2596884	.3560937

#1	15.03554	404.8427	2.462577	1.297807	412.7536	2.497628	15.13898
#2	15.11736	407.0713	2.458590	1.282716	413.9466	2.487284	15.10909
#3	14.97153	404.5769	2.459624	1.282917	409.8587	2.485731	15.21384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3803	4.842149	4.909482	4.820155	4.809973	4.899460	4.915897
Stddev	.1008	.006050	.016820	.005430	.011021	.020140	.015115
%RSD	.0661224	.1249538	.3425976	.1126462	.2291202	.4110731	.3074659

#1	152.4726	4.836358	4.921162	4.814773	4.798921	4.913315	4.905746
#2	152.3955	4.848429	4.917079	4.820062	4.810037	4.908709	4.908678
#3	152.2728	4.841660	4.890203	4.825631	4.820962	4.876356	4.933268

Sample Name: CCV014 Acquired: 06/27/2019 11:27:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.997427	5.006290	4.936617
Stddev	.018566	.032801	.032692
%RSD	.3715101	.6551918	.6622308

#1	5.009156	5.003784	4.929432
#2	5.007104	5.040272	4.972303
#3	4.976022	4.974814	4.908114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1361.193	1854.726	31289.31	6234.850	2242.328
Stddev	6.604	3.914	120.37	18.051	1.779
%RSD	.4851303	.2110507	.3847157	.2895108	.0793550

#1	1367.939	1859.101	31152.02	6240.132	2243.682
#2	1360.899	1853.522	31339.15	6214.748	2242.990
#3	1354.742	1851.555	31376.76	6249.670	2240.313

Sample Name: K3403-03 Acquired: 06/27/2019 11:35:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7905013	.0273154	2.108367	-.017250	.0397179	16.34817
Stddev	.0028404	.0024825	.004619	.002589	.0007414	.04646
%RSD	.3593134	9.088094	.2190600	15.01126	1.866725	.2841915

#1	.7937579	.0291890	2.107213	-.020032	.0395357	16.32682
#2	.7892102	.0244998	2.104435	-.016807	.0405334	16.31622
#3	.7885358	.0282575	2.113453	-.014910	.0390845	16.40146

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732411	.0074115	.0157417	7.858766	-.005173	.0440727
Stddev	.0005638	.0001219	.0000331	.043397	.000512	.0004197
%RSD	.7698368	1.644408	.2105106	.5522135	9.897888	.9524057

#1	.0728115	.0072708	.0157122	7.816195	-.004977	.0443701
#2	.0730323	.0074844	.0157776	7.857158	-.004787	.0435926
#3	.0738796	.0074792	.0157354	7.902945	-.005754	.0442555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.231985	95.11488	F 51.87763	2.309545	.0184849	.3359548
Stddev	.003252	.45348	.11842	.024694	.0003024	.0044505
%RSD	.2639531	.4767725	.2282661	1.069202	1.635686	1.324731

#1	1.233405	94.96903	51.75484	2.281968	.0183562	.3371472
#2	1.234285	94.75227	51.88690	2.329613	.0188303	.3396876
#3	1.228264	95.62334	51.99114	2.317053	.0182682	.3310296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3357791	.1563099	1.488456	7.750907	2.615974	-.005487
Stddev	.1752790	.0020312	.025443	.061519	.008731	.005588
%RSD	52.20070	1.299478	1.709336	.7937011	.3337709	101.8415

#1	.1408048	.1578409	1.512250	7.731809	2.615697	-.004259
#2	.4802930	.1540056	1.461635	7.701202	2.607385	-.011587
#3	.3862395	.1570831	1.491483	7.819710	2.624841	-.000615

Sample Name: K3403-03 Acquired: 06/27/2019 11:35:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596271	1.424132	3.907429	.0034841	.0367713	-.004605
Stddev	.0005580	.009652	.051887	.0008071	.0009423	.001066
%RSD	.9358246	.6777119	1.327916	23.16404	2.562691	23.14369
#1	.0600965	1.415781	3.860998	.0043599	.0358550	-.003856
#2	.0590102	1.421915	3.963439	.0027703	.0367212	-.004135
#3	.0597746	1.434699	3.897851	.0033220	.0377377	-.005826

Elem	Sr4077
Units	ppm
Avg	.5567938
Stddev	.0009936
%RSD	.1784515
#1	.5564078
#2	.5579225
#3	.5560511

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.184	3862.110	61501.97	11527.56	2765.740
Stddev	30.473	2.907	386.46	82.60	4.045
%RSD	1.064685	.0752641	.6283669	.7165474	.1462686
#1	2850.130	3860.507	61059.28	11620.49	2767.652
#2	2896.841	3860.356	61772.00	11499.69	2768.475
#3	2839.582	3865.465	61674.64	11462.50	2761.093

Sample Name: CCB014 Acquired: 06/27/2019 11:31:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002881	.0009818	.0029721	-.000161	-.000149	-.005004	.0005917
Stddev	.002419	.0028003	.0006498	.003244	.000803	.004241	.0002062
%RSD	83.95553	285.2207	21.86253	2012.527	538.3995	84.74730	34.85200

#1	-.005601	.0000979	.0028887	.002218	.000205	-.000108	.0006760
#2	-.002066	.0041174	.0023680	.001155	.000415	-.007524	.0003567
#3	-.000975	-.001270	.0036595	-.003857	-.001068	-.007381	.0007425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000064	.0197362	.0005758	-.000029	.0008183	.0156923
Stddev	.000066	.000057	.0022655	.0002511	.000089	.0006572	.0088166
%RSD	904.8845	89.02641	11.47865	43.60336	304.7758	80.31874	56.18420

#1	.000064	-.000128	.0222855	.0003153	-.000096	.0006226	.0256770
#2	-.000020	-.000021	.0189697	.0005960	-.000063	.0002811	.0089790
#3	-.000067	-.000042	.0179535	.0008162	.000071	.0015512	.0124209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007303	.0421609	.0006567	.0000311	.2217235	-.000380	.0000813
Stddev	.0003872	.0308547	.0001872	.0001761	.1448372	.003139	.0023142
%RSD	53.01389	73.18326	28.51026	566.0451	65.32335	827.0020	2844.662

#1	.0003297	.0625120	.0007184	-.000034	.1285802	.003244	.0020278
#2	.0007587	.0066597	.0008053	-.000103	.3885908	-.002281	-.002477
#3	.0011025	.0573110	.0004464	.000231	.1479993	-.002102	.000694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631055	.0025924	.0083719	.0004332	-.005776	-.003409	.0011041
Stddev	.0585016	.0013433	.0008099	.0002612	.002461	.000712	.0009001
%RSD	92.70440	51.81631	9.673882	60.28858	42.60094	20.90325	81.52325

#1	.1105021	.0026256	.0092925	.0004484	-.006605	-.003148	.0009265
#2	-.002277	.0039188	.0080540	.0001648	-.007715	-.004215	.0020797
#3	.081092	.0012328	.0077692	.0006865	-.003008	-.002863	.0003060

Sample Name: CCB014 Acquired: 06/27/2019 11:31:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002108	.0022257	.0001345
Stddev	.0007793	.0019400	.0000941
%RSD	369.6475	87.16160	69.96346

#1	-.000282	.0034119	.0002051
#2	.001109	-.000013	.0001709
#3	-.000194	.003278	.0000277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.794	2147.645	33776.95	6422.097	2763.724
Stddev	22.102	4.101	189.78	49.762	6.513
%RSD	1.414284	.1909549	.5618768	.7748550	.2356456

#1	1546.002	2142.991	33636.40	6364.740	2758.696
#2	1554.545	2150.730	33701.63	6453.760	2771.081
#3	1587.835	2149.213	33992.84	6447.790	2761.395

Sample Name: K3403-04 Acquired: 06/27/2019 11:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7941657	.0273840	2.060686	-.017973	.0410245	16.33518
Stddev	.0015542	.0013521	.005915	.001624	.0002548	.09028
%RSD	.1957046	4.937677	.2870182	9.036413	.6210311	.5526735

#1	.7939283	.0267167	2.059995	-.019341	.0408184	16.24317
#2	.7927438	.0289401	2.055148	-.016178	.0413093	16.33873
#3	.7958249	.0264953	2.066916	-.018400	.0409457	16.42363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731153	.0074281	.0154674	7.923470	-.005187	.0449509
Stddev	.0007803	.0001303	.0000171	.101949	.000362	.0003846
%RSD	1.067286	1.753601	.1105283	1.286671	6.968792	.8555865

#1	.0723219	.0073427	.0154795	7.835571	-.004934	.0453434
#2	.0731419	.0073636	.0154749	7.899604	-.005026	.0445747
#3	.0738820	.0075780	.0154478	8.035234	-.005601	.0449345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.234805	95.69220	F 51.51322	2.298744	.0179408	.3339314
Stddev	.003970	.74761	.83707	.014037	.0003538	.0029905
%RSD	.3215150	.7812670	1.624967	.6106381	1.972000	.8955545

#1	1.230644	94.95318	51.66782	2.282536	.0178303	.3322304
#2	1.238552	95.67531	50.60963	2.306868	.0183366	.3373845
#3	1.235219	96.44812	52.26222	2.306830	.0176554	.3321794

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186951	.1597142	1.497655	7.730906	2.639649	-.006123
Stddev	.0723114	.0002653	.007085	.075924	.015672	.001407
%RSD	33.06493	.1660982	.4730533	.9820792	.5937127	22.98151

#1	.2635905	.1597771	1.501249	7.644764	2.638260	-.004685
#2	.2572166	.1594231	1.502223	7.788087	2.624718	-.007497
#3	.1352782	.1599424	1.489494	7.759868	2.655970	-.006188

Sample Name: K3403-04 Acquired: 06/27/2019 11:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603005	1.407696	3.774629	.0041239	.0358793	-.005362
Stddev	.0002544	.016969	.043234	.0012457	.0005138	.000810
%RSD	.4218804	1.205465	1.145389	30.20840	1.432147	15.10085
#1	.0600084	1.397551	3.742459	.0054555	.0353723	-.005993
#2	.0604736	1.398251	3.757653	.0029869	.0358658	-.005643
#3	.0604194	1.427287	3.823775	.0039292	.0363998	-.004449

Elem	Sr4077
Units	ppm
Avg	.5531854
Stddev	.0010143
%RSD	.1833630
#1	.5520220
#2	.5538844
#3	.5536499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2835.914	3864.933	61689.49	11510.24	2774.553
Stddev	20.603	4.022	463.60	100.65	5.534
%RSD	.7265014	.1040734	.7515045	.8744678	.1994506
#1	2818.455	3863.800	61822.15	11572.65	2771.334
#2	2830.650	3869.400	61174.02	11563.94	2780.943
#3	2858.639	3861.598	62072.30	11394.12	2771.382

Sample Name: K3403-05 Acquired: 06/27/2019 11:44:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ8S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8725911	.1334679	1.830812	.0323142	.0586974	21.18681
Stddev	.0026318	.0030988	.007122	.0020778	.0009400	.02609
%RSD	.3016052	2.321723	.3889919	6.430017	1.601349	.1231575

#1	.8746855	.1328461	1.824364	.0340765	.0576124	21.15695
#2	.8696369	.1368304	1.829614	.0328429	.0592640	21.20525
#3	.8734508	.1307272	1.838456	.0300231	.0592157	21.19822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.633225	.0670032	.1256633	8.145432	.2507188	1.143645
Stddev	.010519	.0001903	.0001323	.035104	.0007336	.003011
%RSD	.3994633	.2840927	.1053156	.4309704	.2925824	.2633097

#1	2.622207	.0670803	.1255151	8.111011	.2499871	1.140224
#2	2.643161	.0671430	.1257053	8.181182	.2514542	1.144817
#3	2.634307	.0667864	.1257696	8.144102	.2507153	1.145895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.496346	102.0739	F 52.44182	2.603393	1.103794	.4223572
Stddev	.001023	.1942	.18455	.029763	.001280	.0032485
%RSD	.0683534	.1902426	.3519131	1.143243	.1159495	.7691398

#1	1.497243	101.8530	52.42383	2.631857	1.102317	.4198874
#2	1.495232	102.1509	52.63470	2.605840	1.104482	.4260371
#3	1.496563	102.2177	52.26692	2.572482	1.104583	.4211471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2319315	.7675009	2.235296	8.562232	2.780683	-.001780
Stddev	.1218917	.0036952	.012064	.040334	.006124	.001163
%RSD	52.55507	.4814530	.5397006	.4710664	.2202179	65.30208

#1	.3441787	.7677058	2.221375	8.558189	2.787152	-.002388
#2	.1022687	.7637076	2.242700	8.604435	2.774977	-.002513
#3	.2493470	.7710894	2.241812	8.524072	2.779921	-.000440

Sample Name: K3403-05 Acquired: 06/27/2019 11:44:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655858	1.348392	5.373841	.0034975	.0471277	-.003765
Stddev	.0002827	.003162	.008084	.0011365	.0002295	.000248
%RSD	.4309615	.2345286	.1504316	32.49454	.4870473	6.586416
#1	.0658380	1.345265	5.376239	.0021988	.0472501	-.004043
#2	.0656391	1.348324	5.380455	.0039835	.0472700	-.003565
#3	.0652803	1.351589	5.364830	.0043103	.0468629	-.003688

Elem	Sr4077
Units	ppm
Avg	.5612070
Stddev	.0007189
%RSD	.1281083
#1	.5606499
#2	.5620186
#3	.5609524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2873.597	3933.338	62490.80	11853.22	2736.229
Stddev	13.460	.559	204.13	17.78	4.310
%RSD	.4684170	.0142141	.3266561	.1500294	.1575239
#1	2884.992	3933.122	62714.23	11837.71	2740.946
#2	2858.746	3933.973	62314.06	11849.32	2735.246
#3	2877.054	3932.919	62444.11	11872.63	2732.496

Sample Name: K3405-18A Acquired: 06/27/2019 11:52:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583672	.0017070	.1152429	.0654098	.1257660	4.339979	.5696710
Stddev	.0031523	.0007491	.0008910	.0024668	.0007541	.014719	.0018909
%RSD	5.400771	43.88352	.7731332	3.771268	.5995626	.3391466	.3319283

#1	.0556542	.0008468	.1148683	.0630354	.1252319	4.352189	.5718524
#2	.0618253	.0020583	.1162600	.0652346	.1254376	4.323635	.5686601
#3	.0576222	.0022158	.1146003	.0679596	.1266286	4.344112	.5685003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008787	.0017336	1.263379	.0005694	.0008237	.1491515	2.626663
Stddev	.0000269	.0000434	.011132	.0003836	.0001436	.0004242	.011512
%RSD	3.062500	2.500349	.8811214	67.36887	17.43141	.2844384	.4382613

#1	.0008535	.0016917	1.274268	.0009672	.0007922	.1495934	2.638305
#2	.0009070	.0017307	1.263851	.0005390	.0006985	.1491137	2.626397
#3	.0008754	.0017783	1.252019	.0002019	.0009804	.1487475	2.615286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693039	.6233462	.0018233	.0085754	2.604469	.0110250	.4204156
Stddev	.003254	.0262875	.0003011	.0004435	.220011	.0009570	.0013793
%RSD	.1922200	4.217156	16.51528	5.171830	8.447448	8.680546	.3280889

#1	1.696701	.6215539	.0021544	.0090126	2.363986	.0111578	.4214634
#2	1.691938	.5980007	.0015657	.0081259	2.653784	.0119087	.4209306
#3	1.690478	.6504839	.0017498	.0085876	2.795638	.0100085	.4188529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5393127	.3333430	.1578904	-.000146	.7257059	5.830173	-.001852
Stddev	.0677587	.0040523	.0010420	.000130	.0060407	.039619	.000512
%RSD	12.56390	1.215648	.6599377	89.40710	.8323897	.6795470	27.67143

#1	.5485686	.3350389	.1583825	.000005	.7303101	5.820933	-.002073
#2	.4674019	.3287183	.1566935	-.000217	.7188661	5.795991	-.001266
#3	.6019677	.3362719	.1585952	-.000225	.7279416	5.873595	-.002217

Sample Name: K3405-18A Acquired: 06/27/2019 11:52:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV5A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0339590	-.008822	.0290001
Stddev	.0006987	.001757	.0001722
%RSD	2.057410	19.91164	.5937356

#1	.0335922	-.008107	.0288094
#2	.0347647	-.010823	.0291442
#3	.0335201	-.007535	.0290467

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.582	2447.821	38390.12	7103.261	3030.736
Stddev	2.042	5.655	113.24	39.635	2.291
%RSD	.1141827	.2310383	.2949739	.5579800	.0755939

#1	1790.757	2444.011	38304.53	7099.770	3028.230
#2	1788.283	2454.319	38518.52	7144.525	3032.722
#3	1786.705	2445.134	38347.29	7065.487	3031.256

Sample Name: K3405-15DLX5 Acquired: 06/27/2019 11:56:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030208	-.002293	.7399814	-.003274	.0017165	.2306237	.0107329
Stddev	.0018266	.001704	.0023682	.001455	.0015150	.0092634	.0002073
%RSD	60.46639	74.32228	.3200336	44.44248	88.26440	4.016688	1.931495

#1	.0037672	-.001946	.7426455	-.002939	.0016025	.2259327	.0109586
#2	.0043560	-.000789	.7391837	-.004867	.0032853	.2412943	.0105509
#3	.0009392	-.004144	.7381151	-.002015	.0002616	.2246442	.0106894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006112	.0110281	20.27082	-.002553	.0038428	.3460079	1.033080
Stddev	.0000813	.0000567	.25123	.000351	.0001381	.0019963	.008245
%RSD	13.30132	.5143294	1.239356	13.75293	3.593007	.5769614	.7980981

#1	.0007011	.0110316	20.14749	-.002483	.0037127	.3437027	1.026940
#2	.0005895	.0109698	20.55987	-.002933	.0039877	.3471557	1.029848
#3	.0005429	.0110830	20.10509	-.002242	.0038281	.3471652	1.042451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.43183	.5739373	.0011909	.0011319	.5941230	.0087405	1.406408
Stddev	.18655	.0059656	.0001354	.0003885	.5604177	.0021192	.006552
%RSD	1.135279	1.039412	11.36956	34.32055	94.32688	24.24541	.4658892

#1	16.31669	.5732201	.0012044	.0008062	.7375566	.0111547	1.406619
#2	16.64706	.5802290	.0013191	.0015619	-.024072	.0078789	1.399752
#3	16.33173	.5683627	.0010493	.0010276	1.068884	.0071878	1.412852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058137	-.001751	.0354252	-.000641	27.46902	.1410823	-.003294
Stddev	.050037	.001271	.0005772	.000216	.04690	.0009860	.000417
%RSD	86.06675	72.58006	1.629277	33.66160	.1707199	.6988581	12.64377

#1	-.057912	-.000524	.0355763	-.000762	27.52131	.1415486	-.003775
#2	-.008214	-.003062	.0359117	-.000768	27.45507	.1417486	-.003067
#3	-.108286	-.001667	.0347875	-.000392	27.43069	.1399497	-.003041

Sample Name: K3405-15DLX5 Acquired: 06/27/2019 11:56:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0CB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000547	-.002748	.1087351
Stddev	.000323	.001372	.0003922
%RSD	59.05210	49.93337	.3606472

#1	-.000651	-.001312	.1086735
#2	-.000185	-.004045	.1091544
#3	-.000805	-.002886	.1083774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.879	2209.382	34905.65	6618.225	2823.184
Stddev	4.289	5.347	345.02	63.659	8.088
%RSD	.2652923	.2420289	.9884311	.9618723	.2864840

#1	1612.637	2203.385	34569.06	6634.329	2814.449
#2	1616.786	2211.107	34889.35	6548.061	2824.689
#3	1621.215	2213.654	35258.52	6672.285	2830.414

Sample Name: K3399-18 Acquired: 06/27/2019 12:04:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.802126	.0100259	2.463786	.0045282	.0402611	18.78612	.1262730
Stddev	.003421	.0020296	.006809	.0025272	.0011940	.03207	.0002689
%RSD	.1898449	20.24356	.2763752	55.81106	2.965627	.1707014	.2129315

#1	1.801881	.0084639	2.456019	.0063850	.0389277	18.75008	.1263360
#2	1.798834	.0092939	2.466607	.0016502	.0406241	18.81151	.1259782
#3	1.805663	.0123200	2.468731	.0055494	.0412314	18.79676	.1265048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017797	.0042286	1.785627	-.002773	.0102167	.9383424	63.92348
Stddev	.0000297	.0001026	.016071	.000151	.0000507	.0035705	.25938
%RSD	1.668933	2.425356	.8999986	5.429674	.4959049	.3805121	.4057612

#1	.0017832	.0041821	1.767070	-.002603	.0102749	.9344069	63.73595
#2	.0018075	.0043462	1.794986	-.002830	.0101924	.9392460	63.81501
#3	.0017484	.0041575	1.794825	-.002888	.0101827	.9413742	64.21948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.894399	.9013128	.0030981	.0449941	.3475689	.1035561	.8787459
Stddev	.015818	.0158451	.0000908	.0007565	.1919731	.0008370	.0078226
%RSD	.2294355	1.758005	2.931334	1.681389	55.23311	.8082256	.8901991

#1	6.886677	.8996439	.0030293	.0445110	.2982601	.1044332	.8704048
#2	6.883926	.8863681	.0032011	.0446055	.1850599	.1034688	.8859186
#3	6.912595	.9179263	.0030640	.0458660	.5593868	.1027661	.8799141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.988111	1.619133	.0042447	.1097170	5.501927	1.023532	.0120832
Stddev	.043230	.002607	.0009245	.0004944	.030391	.006682	.0014565
%RSD	.5411773	.1610149	21.78118	.4505913	.5523638	.6528683	12.05389

#1	7.975245	1.620692	.0041853	.1096093	5.536543	1.019887	.0135738
#2	7.952775	1.620583	.0051975	.1092853	5.489613	1.031245	.0120122
#3	8.036313	1.616123	.0033513	.1102563	5.479626	1.019465	.0106635

Sample Name: K3399-18 Acquired: 06/27/2019 12:04:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BW5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0451595	-.002616	.1208817
Stddev	.0008116	.002122	.0003891
%RSD	1.797225	81.13336	.3219172

#1	.0442968	-.000175	.1208674
#2	.0452739	-.003648	.1204999
#3	.0459079	-.004024	.1212778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.136	2992.274	47532.82	8979.870	2789.646
Stddev	2.902	3.818	334.72	19.154	4.813
%RSD	.1321513	.1276040	.7041949	.2132993	.1725253

#1	2199.432	2996.587	47885.96	8974.390	2795.201
#2	2193.962	2990.911	47492.29	9001.167	2786.722
#3	2195.015	2989.325	47220.20	8964.054	2787.015

Sample Name: K3399-17 Acquired: 06/27/2019 12:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023852	.0137882	1.774045	.0047969	.0255129	15.76948	.0680917
Stddev	.006220	.0013576	.004041	.0015956	.0012966	.08666	.0010089
%RSD	.6074711	9.846325	.2277670	33.26215	5.081965	.5495432	1.481673

#1	1.018995	.0153443	1.772934	.0033194	.0269724	15.78085	.0688089
#2	1.021699	.0131749	1.778526	.0064888	.0250723	15.67769	.0669380
#3	1.030862	.0128454	1.770677	.0045826	.0244941	15.84989	.0685280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013521	.0030833	1.245845	-.003898	.0152444	.7548411	49.62764
Stddev	.0000280	.0001046	.012488	.000452	.0005617	.0009044	.31773
%RSD	2.069418	3.393747	1.002361	11.58583	3.684339	.1198078	.6402232

#1	.0013208	.0031213	1.247935	-.004408	.0158400	.7537973	49.75092
#2	.0013609	.0031637	1.232445	-.003735	.0151689	.7553903	49.26674
#3	.0013747	.0029650	1.257157	-.003550	.0147244	.7553358	49.86525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.203388	.5075079	.0030132	.0195911	.0212940	.0999703	.7893169
Stddev	.068160	.0145659	.0002469	.0001605	.1895515	.0031092	.0089303
%RSD	.8308791	2.870094	8.192008	.8194096	890.1623	3.110150	1.131398

#1	8.223013	.5062023	.0032932	.0197043	.1078285	.1012150	.7899402
#2	8.127569	.4936387	.0029195	.0194074	-.196081	.1022643	.7800912
#3	8.259583	.5226827	.0028270	.0196616	.152135	.0964316	.7979192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.207871	1.170664	.0050140	.1082652	3.420312	1.305438	.0096713
Stddev	.012600	.008680	.0009681	.0000891	.007399	.010890	.0007419
%RSD	.1748123	.7414411	19.30907	.0822599	.2163180	.8342299	7.670870

#1	7.193499	1.179491	.0049299	.1082644	3.424147	1.295853	.0088915
#2	7.217023	1.162140	.0060215	.1081765	3.425007	1.303180	.0097541
#3	7.213089	1.170362	.0040906	.1083547	3.411784	1.317280	.0103683

Sample Name: K3399-17 Acquired: 06/27/2019 12:00:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BW4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0282670	-.003340	.1027467
Stddev	.0004909	.001184	.0001619
%RSD	1.736466	35.44641	.1575185

#1	.0277002	-.002116	.1028736
#2	.0285518	-.003425	.1025645
#3	.0285490	-.004479	.1028021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.479	2918.304	46312.35	8747.043	2780.937
Stddev	29.504	3.586	460.09	46.629	8.847
%RSD	1.386822	.1228900	.9934484	.5330872	.3181160

#1	2099.382	2914.735	45854.82	8722.982	2771.527
#2	2158.214	2918.271	46774.96	8800.788	2782.199
#3	2124.840	2921.907	46307.26	8717.359	2789.085

Sample Name: PB120948BS Acquired: 06/27/2019 12:12:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS948 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0132055	.0443470	.0181260	.0544333	.1023389	.3667882
Stddev	.0017754	.0008229	.0014200	.0018460	.0012078	.0033518
%RSD	13.44400	1.855505	7.833955	3.391222	1.180241	.9138255

#1	.0123729	.0448356	.0178654	.0527287	.1036698	.3629179
#2	.0119995	.0448085	.0196583	.0563939	.1013124	.3687160
#3	.0152442	.0433970	.0168544	.0541771	.1020346	.3687307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653676	.0092489	.0091107	8.924206	.0208223	.0868064
Stddev	.0041481	.0000275	.0001060	.075756	.0003092	.0001199
%RSD	1.135315	.2976359	1.163504	.8488791	1.484949	.1381738

#1	.3606900	.0092801	.0091847	8.841130	.0205383	.0868289
#2	.3685990	.0092385	.0091582	8.989465	.0207769	.0866767
#3	.3668137	.0092280	.0089893	8.942024	.0211517	.0869134

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431617	.2008677	.0302088	8.716083	.0716457	.0176699
Stddev	.0012091	.0037750	.0008443	.080237	.0004692	.0001974
%RSD	2.801392	1.879332	2.794832	.9205629	.6548356	1.116941

#1	.0418854	.1979695	.0293170	8.626276	.0711518	.0177264
#2	.0433097	.2051365	.0309958	8.780710	.0716999	.0178329
#3	.0442900	.1994971	.0303136	8.741263	.0720854	.0174505

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.387704	.0944905	.1137901	8.002611	.0213183	.1601886
Stddev	.104061	.0066556	.0034246	.054279	.0020864	.0029345
%RSD	1.108485	7.043684	3.009543	.6782704	9.787096	1.831906

#1	9.381191	.0888390	.1116050	7.972995	.0232642	.1568077
#2	9.287052	.1018265	.1177369	7.969581	.0191152	.1616826
#3	9.494869	.0928058	.1120285	8.065256	.0215754	.1620755

Sample Name: PB120948BS Acquired: 06/27/2019 12:12:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS948 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175493	F .1394577	.1647560	F .0534151	.1691506	.0254584
Stddev	.0002426	.0035200	.0012699	.0009249	.0015085	.0001112
%RSD	1.382146	2.524099	.7707481	1.731460	.8918134	.4369132

#1	.0174372	.1374122	.1633114	.0540095	.1675044	.0253585
#2	.0178276	.1374386	.1652606	.0538863	.1704667	.0255783
#3	.0173830	.1435222	.1656960	.0523495	.1694807	.0254384

Elem	Sr4077
Units	ppm
Avg	.1853016
Stddev	.0004730
%RSD	.2552512

#1	.1847598
#2	.1856321
#3	.1855130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.253	2158.188	34380.41	6484.447	2801.121
Stddev	18.160	3.970	228.33	67.766	5.101
%RSD	1.147741	.1839484	.6641192	1.045059	.1821174

#1	1600.090	2161.612	34621.85	6561.923	2804.106
#2	1563.786	2159.115	34167.97	6436.200	2804.026
#3	1582.885	2153.836	34351.40	6455.219	2795.231

Sample Name: PB120948BL Acquired: 06/27/2019 12:08:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003879	-.001850	-.000204	.0008466	-.000772	-.003547	.0005852
Stddev	.003264	.001633	.001271	.0016030	.001225	.003793	.0005011
%RSD	84.15553	88.26814	623.6651	189.3365	158.7178	106.9376	85.61766

#1	-.002391	-.000479	.000206	.0018539	.000529	.000769	.0000181
#2	-.007622	-.003657	-.001630	-.001002	-.001903	-.006350	.0009680
#3	-.001624	-.001415	.000812	.001688	-.000942	-.005060	.0007696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	-.000020	.0278915	.0004947	-.000088	-.001121	.0038540
Stddev	.000053	.000089	.0043443	.0002776	.000209	.001413	.0080586
%RSD	56.72281	442.8423	15.57551	56.12204	238.4202	126.0575	209.0970

#1	-.000041	.000078	.0248745	.0007982	-.000111	.000337	-.002046
#2	-.000147	-.000097	.0328707	.0004324	-.000285	-.001215	.000572
#3	-.000094	-.000041	.0259294	.0002535	.000132	-.002484	.013036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008563	.0264376	.0005692	-.000440	-.185109	.0008932	.0067068
Stddev	.0002052	.0215422	.0003439	.000317	.069159	.0016823	.0018253
%RSD	23.96178	81.48319	60.42692	72.07427	37.36138	188.3561	27.21637

#1	.0009534	.0492054	.0008689	-.000074	-.173817	.0003813	.0073813
#2	.0009950	.0063770	.0006449	-.000615	-.259219	-.000474	.0046402
#3	.0006206	.0237303	.0001937	-.000632	-.122290	.002772	.0080989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.645713	.0054867	-.004784	.0001345	-.005452	-.006077	-.002070
Stddev	.121636	.0011969	.000571	.0003089	.003916	.000322	.001449
%RSD	18.83740	21.81362	11.93162	229.6082	71.83353	5.293431	70.02511

#1	-.649744	.0049528	-.004674	.0003042	-.009342	-.005707	-.000729
#2	-.522112	.0046498	-.004277	.0003213	-.001510	-.006295	-.001872
#3	-.765283	.0068576	-.005402	-.000222	-.005504	-.006229	-.003607

Sample Name: PB120948BL Acquired: 06/27/2019 12:08:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS948 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000006	-.008682	.0000891
Stddev	.000781	.001466	.0000943
%RSD	12155.49	16.88891	105.8525

#1	.000506	-.008157	.0000427
#2	.000381	-.010339	.0001976
#3	-.000906	-.007550	.0000270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.025	2201.340	34709.00	6585.690	2822.126
Stddev	3.473	3.847	139.64	60.484	3.556
%RSD	.2162520	.1747455	.4023226	.9184152	.1260190

#1	1603.002	2204.679	34642.02	6579.050	2826.213
#2	1609.819	2202.206	34869.52	6528.800	2819.737
#3	1605.253	2197.134	34615.47	6649.220	2820.427

Sample Name: K3416-03 Acquired: 06/27/2019 12:24:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7987872	.0100388	1.345165	-.014571	.0096385	69.71123	1.446107
Stddev	.0041818	.0018134	.001628	.004648	.0007653	.12507	.009570
%RSD	.5235200	18.06432	.1209976	31.89893	7.939646	.1794136	.6617533

#1	.8015446	.0084636	1.343287	-.019921	.0090631	69.74682	1.444929
#2	.7939756	.0120212	1.346055	-.011519	.0105070	69.81465	1.456211
#3	.8008415	.0096314	1.346154	-.012274	.0093455	69.57222	1.437181

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059174	.0243809	17.96751	.0977918	.0674863	1.037309	137.8436
Stddev	.0000411	.0001534	.11769	.0004258	.0003254	.003926	.8257
%RSD	.6940449	.6290523	.6550117	.4354482	.4820909	.3784858	.5990210

#1	.0059355	.0242556	17.96966	.0976197	.0671364	1.036119	138.0812
#2	.0058704	.0243351	18.08411	.0974789	.0677797	1.041692	138.5245
#3	.0059464	.0245519	17.84876	.0982767	.0675428	1.034115	136.9252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.87039	18.79756	.0642386	.0106201	.6756696	.3390771	1.413396
Stddev	.08298	.06300	.0002351	.0002694	.2135900	.0014217	.003103
%RSD	.6990285	.3351434	.3659743	2.536443	31.61160	.4192883	.2195416

#1	11.88730	18.84228	.0640542	.0109202	.5624265	.3403319	1.409915
#2	11.94362	18.82489	.0645033	.0105406	.5425474	.3375330	1.415873
#3	11.78027	18.72551	.0641584	.0103993	.9220349	.3393665	1.414401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.75926	4.975866	.0014590	.0063375	1.281831	2.132558	.0062564
Stddev	.07629	.003323	.0024658	.0003555	.006209	.015018	.0004734
%RSD	.4066645	.0667791	169.0040	5.609165	.4843696	.7042419	7.567190

#1	18.81144	4.972122	-.000870	.0066968	1.275079	2.141336	.0066979
#2	18.79464	4.978465	.001204	.0059860	1.283119	2.141122	.0063149
#3	18.67171	4.977010	.004042	.0063297	1.287295	2.115217	.0057564

Sample Name: K3416-03 Acquired: 06/27/2019 12:24:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.933694	.0534966	.1809795
Stddev	.018121	.0018099	.0007987
%RSD	.6176765	3.383158	.4413426

#1	2.943842	.0514195	.1818608
#2	2.944467	.0547350	.1807746
#3	2.912773	.0543352	.1803032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.483	2502.603	39739.35	7521.143	2763.857
Stddev	5.733	3.759	142.11	27.520	3.547
%RSD	.3154613	.1502093	.3576091	.3658954	.1283201

#1	1818.111	2506.777	39779.80	7510.369	2766.786
#2	1822.876	2501.549	39856.86	7500.640	2759.913
#3	1811.461	2499.484	39581.40	7552.419	2764.871

Sample Name: K3416-02 Acquired: 06/27/2019 12:20:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BV7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1513419	.0379669	.8552200	-.011550	.0054348	4.904752
Stddev	.0007418	.0019234	.0032208	.000829	.0003376	.030446
%RSD	.4901503	5.065962	.3766101	7.179811	6.212173	.6207420

#1	.1513674	.0357974	.8545027	-.012481	.0051486	4.877890
#2	.1505876	.0394633	.8524182	-.010890	.0053486	4.898542
#3	.1520706	.0386399	.8587390	-.011279	.0058071	4.937824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010558	.0006027	.0144662	2.332342	-.005256	.0722926
Stddev	.0053114	.0000104	.0000737	.026615	.000131	.0002069
%RSD	1.060038	1.728876	.5090842	1.141116	2.487212	.2862161

#1	.4956685	.0005908	.0144164	2.302081	-.005277	.0723360
#2	.5012112	.0006073	.0144315	2.342832	-.005116	.0720675
#3	.5062878	.0006101	.0145508	2.352114	-.005375	.0724744

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6840375	11.39595	F 30.94212	.5174382	.0072063	.0612844
Stddev	.0027978	.10424	.14505	.0133027	.0002033	.0004234
%RSD	.4090105	.9146910	.4687629	2.570882	2.820777	.6908662

#1	.6808636	11.28323	30.84933	.5024270	.0070067	.0612166
#2	.6851022	11.41573	30.86776	.5221223	.0071991	.0608990
#3	.6861466	11.48887	31.10926	.5277652	.0074130	.0617376

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4739595	.0424254	.4872631	1.732113	1.235151	-.006883
Stddev	.0525187	.0004951	.0047353	.013406	.002737	.000064
%RSD	11.08085	1.166870	.9718197	.7739913	.2215721	.9259530

#1	.4662142	.0420768	.4834566	1.717773	1.231994	-.006928
#2	.4257435	.0429921	.4857669	1.734233	1.236862	-.006810
#3	.5299207	.0422075	.4925658	1.744334	1.236596	-.006912

Sample Name: K3416-02 Acquired: 06/27/2019 12:20:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BV7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168651	.2036270	.4273500	.0002510	.0056162	-.009477
Stddev	.0000816	.0029441	.0059065	.0011869	.0000687	.000377
%RSD	.4836921	1.445811	1.382116	472.8185	1.223775	3.975750
#1	.0168360	.2002299	.4263184	-.000027	.0056507	-.009819
#2	.0169573	.2052154	.4337043	-.000772	.0055371	-.009539
#3	.0168021	.2054358	.4220272	.001552	.0056609	-.009073

Elem	Sr4077
Units	ppm
Avg	.1809041
Stddev	.0001994
%RSD	.1102288
#1	.1808596
#2	.1811220
#3	.1807307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4784.896	6503.506	103849.4	19465.88	2817.617
Stddev	9.069	13.580	328.9	72.31	2.128
%RSD	.1895297	.2088053	.3167509	.3714872	.0755277
#1	4792.759	6488.019	103568.6	19534.16	2816.490
#2	4774.975	6509.120	104211.3	19390.11	2820.072
#3	4786.954	6513.378	103768.2	19473.37	2816.290

Sample Name: K3416-05 Acquired: 06/27/2019 12:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374197	.0029163	.1892879	-.004835	.0023148	25.56099	1.053187
Stddev	.0020960	.0013116	.0006607	.002676	.0007823	.04897	.004895
%RSD	1.525267	44.97593	.3490320	55.33163	33.79542	.1915817	.4647327

#1	.1389610	.0015442	.1892683	-.004913	.0019720	25.53124	1.054180
#2	.1350330	.0041576	.1899581	-.007471	.0017625	25.53421	1.047873
#3	.1382650	.0030471	.1886372	-.002122	.0032100	25.61751	1.057509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021008	.0095202	13.06427	.0351564	.0326966	.2591121	53.21033
Stddev	.0000754	.0000172	.09768	.0001473	.0000850	.0020281	.19287
%RSD	3.589027	.1803915	.7476783	.4190245	.2600581	.7826917	.3624655

#1	.0020726	.0095088	13.05891	.0352326	.0327144	.2607728	53.26281
#2	.0020435	.0095119	12.96939	.0349866	.0327714	.2568519	52.99665
#3	.0021862	.0095400	13.16452	.0352500	.0326041	.2597117	53.37153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.679558	12.80620	.0430341	.0003116	.5795502	.1039904	.4959257
Stddev	.037373	.04560	.0002699	.0001925	.1595065	.0009834	.0031257
%RSD	.5595128	.3560892	.6273034	61.75692	27.52246	.9456206	.6302663

#1	6.686989	12.77872	.0430926	.0005296	.5201151	.1049246	.4927671
#2	6.639028	12.78103	.0432699	.0002400	.7602410	.1040823	.4959925
#3	6.712657	12.85884	.0427396	.0001653	.4582945	.1029643	.4990173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.91567	2.366493	-.002870	.0078370	.2688872	1.047695	.0030850
Stddev	.05372	.004891	.000948	.0002172	.0035921	.013649	.0003857
%RSD	.4159061	.2066824	33.04162	2.771545	1.335901	1.302735	12.50135

#1	12.91873	2.361042	-.003679	.0076427	.2654986	1.043850	.0034664
#2	12.86048	2.370499	-.003104	.0080715	.2685101	1.036382	.0030933
#3	12.96779	2.367937	-.001826	.0077969	.2726530	1.062854	.0026952

Sample Name: K3416-05 Acquired: 06/27/2019 12:32:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.047437	.0194359	.1369152
Stddev	.008814	.0006521	.0002755
%RSD	.4304994	3.355002	.2012208

#1	2.053181	.0187318	.1366645
#2	2.037288	.0200191	.1368709
#3	2.051841	.0195567	.1372101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.037	2285.256	36299.74	6886.283	2768.670
Stddev	1.462	1.688	37.76	42.343	4.102
%RSD	.0873735	.0738580	.1040318	.6148937	.1481713

#1	1672.451	2284.972	36334.06	6909.952	2771.744
#2	1674.701	2283.729	36305.89	6911.500	2770.254
#3	1671.959	2287.068	36259.28	6837.398	2764.012

Sample Name: K3416-04 Acquired: 06/27/2019 12:28:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0765465	.0094106	3.770051	-.021481	.0106389	80.04467	1.994048
Stddev	.0034892	.0018573	.015018	.001718	.0012593	.10686	.004053
%RSD	4.558282	19.73646	.3983548	7.996598	11.83686	.1335032	.2032650

#1	.0761442	.0080319	3.757454	-.019558	.0095461	80.00712	1.994737
#2	.0732759	.0115226	3.766029	-.022864	.0120161	79.96165	1.989694
#3	.0802194	.0086771	3.786671	-.022020	.0103546	80.16524	1.997713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084486	.0046113	146.2447	.1052981	.0710207	.2056523	143.1130
Stddev	.0001142	.0001234	.4957	.0002824	.0001956	.0009548	.1735
%RSD	1.351093	2.676390	.3389624	.2682005	.2754245	.4642775	.1212548

#1	.0083227	.0046636	146.4693	.1050000	.0708568	.2046781	143.0930
#2	.0084777	.0044703	145.6765	.1055616	.0709680	.2056924	142.9504
#3	.0085454	.0046999	146.5884	.1053327	.0712372	.2065864	143.2957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.508461	38.98549	.1037335	.0064362	.6224156	.3542311	.6768401
Stddev	.014307	.11737	.0007315	.0004080	.1661832	.0008333	.0017096
%RSD	.2198266	.3010583	.7051809	6.339513	26.69972	.2352544	.2525896

#1	6.515397	39.00727	.1038727	.0068169	.8031419	.3533178	.6772571
#2	6.492008	38.85876	.1029423	.0064862	.5879127	.3544256	.6749606
#3	6.517979	39.09045	.1043853	.0060055	.4761922	.3549501	.6783027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.56742	5.252066	.0008398	.0019616	.8839414	3.440362	.0043739
Stddev	.08211	.007720	.0012468	.0003521	.0039114	.005576	.0012142
%RSD	.3211477	.1469893	148.4659	17.94785	.4424930	.1620671	27.76024

#1	25.53983	5.257847	-.000091	.0019913	.8878164	3.435259	.0057141
#2	25.65977	5.243299	.000355	.0015957	.8840131	3.439514	.0033471
#3	25.50266	5.255051	.002256	.0022979	.8799946	3.446313	.0040605

Sample Name: K3416-04 Acquired: 06/27/2019 12:28:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.332064	.0966213	.6105182
Stddev	.006743	.0011699	.0004892
%RSD	.2891641	1.210826	.0801318

#1	2.332829	.0952704	.6099562
#2	2.324970	.0972971	.6107495
#3	2.338392	.0972965	.6108489

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.215	2571.880	41176.60	7863.996	2638.292
Stddev	12.074	4.874	289.15	18.171	7.128
%RSD	.6432041	.1894932	.7022277	.2310662	.2701738

#1	1863.875	2566.441	40920.15	7846.366	2634.615
#2	1887.395	2575.850	41489.99	7882.663	2646.507
#3	1880.375	2573.350	41119.65	7862.959	2633.752

Sample Name: K3416-07 Acquired: 06/27/2019 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562979	.0131266	.8948947	-.017417	.0044146	43.35840	1.770953
Stddev	.0036012	.0010526	.0005292	.001808	.0012251	.03872	.007856
%RSD	6.396770	8.019093	.0591374	10.37891	27.75021	.0892957	.4436230

#1	.0528682	.0138692	.8945280	-.019126	.0033088	43.38964	1.769788
#2	.0559763	.0135887	.8946547	-.015525	.0042035	43.37048	1.779327
#3	.0600491	.0119220	.8955014	-.017600	.0057315	43.31508	1.763744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041575	.0111186	16.81542	.0816638	.0569170	.2818543	118.3039
Stddev	.0000875	.0000875	.08889	.0003787	.0003191	.0017708	.1496
%RSD	2.105278	.7870162	.5286471	.4637817	.5605889	.6282837	.1264185

#1	.0040577	.0111002	16.75736	.0812685	.0570866	.2838981	118.3194
#2	.0042215	.0110418	16.91776	.0820234	.0565489	.2807777	118.4450
#3	.0041932	.0112138	16.77115	.0816995	.0571154	.2808871	118.1472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.18719	24.34759	.0660211	.0304615	3.027594	.3241160	.8128451
Stddev	.06925	.14968	.0004181	.0002699	.150764	.0040845	.0074920
%RSD	.3807683	.6147607	.6332845	.8859187	4.979678	1.260186	.9216988

#1	18.15526	24.23390	.0655565	.0304062	3.044005	.3288207	.8211253
#2	18.26665	24.51718	.0663671	.0302235	2.869296	.3220508	.8108750
#3	18.13966	24.29171	.0661396	.0307547	3.169482	.3214766	.8065351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.13137	2.648130	.0024529	.0036317	.7475595	1.501174	.0013143
Stddev	.03880	.006862	.0033992	.0002439	.0042600	.017056	.0005097
%RSD	.1927455	.2591255	138.5772	6.716742	.5698585	1.136165	38.77913

#1	20.09222	2.653005	.0056169	.0038968	.7523709	1.487452	.0007433
#2	20.13206	2.640283	-.001141	.0035815	.7460403	1.520270	.0017234
#3	20.16982	2.651103	.002883	.0034168	.7442673	1.495802	.0014761

Sample Name: K3416-07 Acquired: 06/27/2019 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.616408	.0385958	.2225890
Stddev	.006877	.0004888	.0007061
%RSD	.1901488	1.266403	.3172195

#1	3.618614	.0389463	.2219569
#2	3.621911	.0380375	.2224591
#3	3.608699	.0388037	.2233510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.475	2538.195	40381.42	7643.914	2765.015
Stddev	3.311	8.140	93.74	64.377	2.818
%RSD	.1781555	.3207071	.2321434	.8421938	.1018995

#1	1858.808	2535.269	40470.46	7701.310	2766.591
#2	1855.010	2531.922	40283.59	7574.306	2761.762
#3	1861.607	2547.394	40390.19	7656.127	2766.691

Sample Name: K3416-06 Acquired: 06/27/2019 12:36:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219021	.0066947	.3955085	-.010689	.0038458	40.58010	1.334086
Stddev	.0021053	.0005675	.0006202	.002720	.0013217	.11657	.003615
%RSD	.9487449	8.476630	.1567997	25.45136	34.36820	.2872507	.2710005

#1	.2197405	.0066971	.3961328	-.011102	.0027693	40.59520	1.335075
#2	.2239462	.0072610	.3948926	-.013179	.0034471	40.45672	1.330079
#3	.2220196	.0061261	.3955000	-.007785	.0053210	40.68838	1.337104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037454	.0125359	18.88826	.0544791	.0445987	.5159146	84.29551
Stddev	.0000905	.0000330	.05779	.0002258	.0001203	.0028619	.13598
%RSD	2.415524	.2635759	.3059763	.4143990	.2696304	.5547148	.1613077

#1	.0036421	.0125725	18.91483	.0542304	.0445122	.5154505	84.22996
#2	.0037835	.0125082	18.82196	.0545356	.0447360	.5133132	84.20473
#3	.0038105	.0125271	18.92799	.0546712	.0445479	.5189802	84.45185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.649007	21.62484	.0462838	.0044123	.7613276	.1743633	.7343142
Stddev	.006218	.02548	.0004238	.0003349	.2053911	.0021792	.0068983
%RSD	.0935206	.1178302	.9156014	7.589094	26.97801	1.249828	.9394194

#1	6.646987	21.65417	.0458032	.0045212	.9960452	.1721402	.7270050
#2	6.644051	21.60822	.0466037	.0046792	.6145372	.1744539	.7407107
#3	6.655984	21.61212	.0464445	.0040366	.6734004	.1764958	.7352268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.68175	3.969166	-.000883	.0100490	.6590234	1.298819	.0061950
Stddev	.06834	.013073	.000551	.0002082	.0062087	.003310	.0009395
%RSD	.3151920	.3293600	62.40821	2.071744	.9421133	.2548567	15.16499

#1	21.60596	3.975384	-.001309	.0100467	.6604007	1.302376	.0054351
#2	21.70060	3.954145	-.001078	.0102583	.6522417	1.295828	.0059045
#3	21.73869	3.977970	-.000261	.0098420	.6644279	1.298255	.0072454

Sample Name: K3416-06 Acquired: 06/27/2019 12:36:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.856317	.0470880	.1753008
Stddev	.006331	.0010630	.0003384
%RSD	.1641777	2.257534	.1930432

#1	3.859803	.0462316	.1756061
#2	3.849009	.0467547	.1749369
#3	3.860139	.0482777	.1753594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.284	2366.688	37885.41	7170.631	2771.623
Stddev	12.462	3.718	236.30	8.819	3.959
%RSD	.7173456	.1570790	.6237277	.1229914	.1428412

#1	1745.806	2365.418	38030.01	7166.374	2770.674
#2	1722.981	2370.874	37612.72	7164.748	2775.970
#3	1743.065	2363.772	38013.51	7180.772	2768.224

Sample Name: K3403-03LX5 Acquired: 06/27/2019 12:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BZ8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1664650	.0008035	.2654518	-.002551	.0073984	3.336335	.0159180
Stddev	.0026461	.0016509	.0017018	.003927	.0002374	.032490	.0002718
%RSD	1.589605	205.4465	.6410927	153.9868	3.209237	.9738225	1.707635

#1	.1678452	.0011458	.2664865	-.006465	.0075128	3.305229	.0158779
#2	.1681357	-.000992	.2663811	.001389	.0075569	3.333726	.0156685
#3	.1634141	.002256	.2634876	-.002576	.0071254	3.370051	.0162077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015659	.0018553	1.656475	-.001027	.0059213	.2569758	19.79287
Stddev	.0000498	.0000695	.011428	.000113	.0002363	.0010573	.10971
%RSD	3.180908	3.748144	.6899284	11.00981	3.989751	.4114224	.5542695

#1	.0016002	.0018879	1.652162	-.001144	.0057244	.2558217	19.66686
#2	.0015888	.0019026	1.647831	-.001020	.0061833	.2572081	19.84466
#3	.0015088	.0017755	1.669432	-.000918	.0058563	.2578976	19.86710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83265	.5014158	.0025660	.0681630	-.100446	.0340185	.3153221
Stddev	.07877	.0104027	.0000991	.0001763	.218888	.0006448	.0013122
%RSD	.7271939	2.074657	3.861972	.2587099	217.9162	1.895339	.4161552

#1	10.74693	.4968050	.0026675	.0682280	.136162	.0340628	.3160426
#2	10.84916	.4941154	.0024695	.0682976	-.295721	.0333527	.3138075
#3	10.90186	.5133269	.0025611	.0679634	-.141779	.0346400	.3161163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.422951	.3517208	-.005361	.0123456	.1722981	.7940289	.0002333
Stddev	.067422	.0015616	.001193	.0000552	.0016363	.0063763	.0007270
%RSD	4.738208	.4439789	22.26253	.4471786	.9496791	.8030256	311.6666

#1	1.409587	.3499371	-.004021	.0123246	.1704111	.7867295	-.000606
#2	1.363211	.3528412	-.006310	.0123040	.1733234	.7968445	.000671
#3	1.496054	.3523841	-.005751	.0124082	.1731599	.7985127	.000635

Sample Name: K3403-03LX5 Acquired: 06/27/2019 12:49:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BZ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0074548	-.004079	.1135306
Stddev	.0002760	.000759	.0001664
%RSD	3.702466	18.60035	.1465827

#1	.0075781	-.004856	.1135354
#2	.0076476	-.004043	.1136946
#3	.0071386	-.003339	.1133619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.375	2364.938	37448.53	7032.150	2776.664
Stddev	2.541	1.677	217.50	55.669	6.899
%RSD	.1465015	.0709034	.5807904	.7916356	.2484613

#1	1735.566	2363.042	37593.75	7092.723	2770.457
#2	1731.457	2365.548	37198.47	7020.496	2775.443
#3	1736.102	2366.225	37553.37	6983.230	2784.092

Sample Name: K3416-08 Acquired: 06/27/2019 12:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720549	.0036096	.2344729	-.013801	.0021844	109.0947	3.117027
Stddev	.0015383	.0004720	.0008604	.005906	.0020987	.4043	.035403
%RSD	2.134943	13.07551	.3669325	42.79260	96.07599	.3706264	1.135809

#1	.0703654	.0032235	.2351089	-.010608	.0045661	108.7664	3.087347
#2	.0724245	.0034695	.2334939	-.010178	.0006063	108.9713	3.107520
#3	.0733747	.0041357	.2348158	-.020615	.0013807	109.5463	3.156213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180971	.0036021	81.13144	.0443210	.0590628	.1160305	92.98408
Stddev	.0003326	.0000374	.97236	.0004443	.0006363	.0022841	.70610
%RSD	1.838007	1.038935	1.198506	1.002385	1.077294	1.968494	.7593748

#1	.0177132	.0035874	80.31887	.0439874	.0585915	.1143851	92.33037
#2	.0182802	.0035742	80.86669	.0448253	.0588103	.1150681	92.88894
#3	.0182981	.0036446	82.20877	.0441502	.0597866	.1186382	93.73292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.536341	38.91473	.0732764	.0003373	.7875619	.1323609	.2597909
Stddev	.036332	.40707	.0008160	.0002541	.1391093	.0008612	.0053744
%RSD	1.027384	1.046057	1.113596	75.31570	17.66328	.6506666	2.068738

#1	3.501913	38.53839	.0724108	.0003333	.8820529	.1316043	.2640372
#2	3.532793	38.85903	.0733868	.0000853	.6278220	.1321803	.2537485
#3	3.574317	39.34679	.0740315	.0005934	.8528108	.1332981	.2615871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.02590	2.770520	.0045229	.0006491	.5731833	1.750988	.0165803
Stddev	.13832	.010536	.0024668	.0001966	.0068337	.028594	.0006841
%RSD	.5757302	.3802782	54.53957	30.29015	1.192238	1.633039	4.126025

#1	23.87550	2.759346	.0073712	.0007977	.5769716	1.719052	.0157911
#2	24.14766	2.771939	.0031168	.0004262	.5652944	1.759693	.0169457
#3	24.05454	2.780274	.0030807	.0007236	.5772837	1.774217	.0170041

Sample Name: K3416-08 Acquired: 06/27/2019 12:45:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7599849	.1787083	1.374944
Stddev	.0052761	.0027383	.005892
%RSD	.6942333	1.532279	.4285179

#1	.7553282	.1762312	1.369216
#2	.7589112	.1782450	1.380987
#3	.7657152	.1816487	1.374628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.266	2791.511	44045.80	8536.133	2669.935
Stddev	8.113	4.568	162.33	87.766	4.582
%RSD	.3982286	.1636338	.3685371	1.028169	.1716316

#1	2028.264	2786.389	43873.60	8637.090	2665.775
#2	2039.522	2792.984	44196.01	8493.316	2669.184
#3	2044.012	2795.161	44067.80	8477.994	2674.847

Sample Name: K3416-10 Acquired: 06/27/2019 12:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5823040	.0017957	.6590267	-.008559	.0086089	17.42973	.2495416
Stddev	.0042363	.0011052	.0006422	.001412	.0014690	.06344	.0018233
%RSD	.7275107	61.55088	.0974411	16.49930	17.06400	.3639579	.7306652

#1	.5859508	.0009173	.6592188	-.009589	.0078836	17.38752	.2504127
#2	.5776571	.0014330	.6595510	-.006950	.0076435	17.39899	.2474461
#3	.5833040	.0030366	.6583105	-.009139	.0102995	17.50268	.2507659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028671	.0060484	5.279509	.0131970	.0072568	.5211276	41.66461
Stddev	.0000935	.0001496	.054510	.0004237	.0001762	.0022000	.29004
%RSD	3.261419	2.472566	1.032489	3.210694	2.428669	.4221667	.6961343

#1	.0029723	.0060036	5.268282	.0129371	.0070687	.5222726	41.61917
#2	.0028355	.0059264	5.231486	.0136859	.0072837	.5185912	41.39997
#3	.0027935	.0062152	5.338759	.0129679	.0074181	.5225191	41.97469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.201919	2.628537	.0100698	.0041762	.2583507	.0761054	.5538209
Stddev	.041219	.024303	.0002905	.0000917	.3230777	.0043896	.0067800
%RSD	.9809542	.9245682	2.884739	2.195897	125.0539	5.767731	1.224227

#1	4.199914	2.612161	.0103973	.0042767	.5617563	.0714630	.5495808
#2	4.161739	2.616990	.0099687	.0041551	.2946319	.0801885	.5502414
#3	4.244104	2.656461	.0098433	.0040970	-.081336	.0766648	.5616405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.467976	1.873037	-.003364	.0104340	.3954536	1.581123	.0114130
Stddev	.061844	.005845	.000994	.0000804	.0042954	.007671	.0003259
%RSD	1.783298	.3120667	29.54199	.7702180	1.086204	.4851677	2.855588

#1	3.478808	1.877120	-.003924	.0104869	.3950312	1.589942	.0117882
#2	3.523689	1.866341	-.003952	.0103415	.3913850	1.577430	.0111995
#3	3.401431	1.875650	-.002217	.0104735	.3999446	1.575996	.0112514

Sample Name: K3416-10 Acquired: 06/27/2019 12:57:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3023130	.0006808	.0650396
Stddev	.0016061	.0016458	.0000282
%RSD	.5312842	241.7516	.0434358

#1	.3031067	-.000224	.0650440
#2	.3004645	.002581	.0650654
#3	.3033677	-.000314	.0650095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.052	2652.677	42217.59	7902.824	2842.878
Stddev	16.953	1.651	293.60	30.931	1.667
%RSD	.8689082	.0622226	.6954524	.3913883	.0586343

#1	1960.753	2651.766	42470.65	7933.121	2841.038
#2	1960.926	2654.583	42286.43	7904.055	2843.308
#3	1931.477	2651.683	41895.68	7871.296	2844.287

Sample Name: K3416-09 Acquired: 06/27/2019 12:53:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5787193	.0020023	.6502594	-.006888	.0080821	17.47517	.2448326
Stddev	.0008402	.0016452	.0010900	.001603	.0003203	.07375	.0019700
%RSD	.1451746	82.16748	.1676193	23.27715	3.963518	.4220075	.8046471

#1	.5792988	.0015853	.6512473	-.008121	.0077390	17.51810	.2463337
#2	.5777558	.0006057	.6490902	-.007468	.0081341	17.51740	.2455623
#3	.5791032	.0038159	.6504408	-.005076	.0083733	17.39002	.2426018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027890	.0060247	5.274153	.0131909	.0072053	.5193483	41.01726
Stddev	.0000463	.0000402	.036187	.0003053	.0000320	.0016437	.14055
%RSD	1.660695	.6666818	.6861201	2.314453	.4440476	.3164972	.3426682

#1	.0027836	.0060023	5.291634	.0135364	.0072131	.5177771	41.10578
#2	.0028379	.0060710	5.298281	.0129577	.0071701	.5192118	41.09079
#3	.0027457	.0060006	5.232545	.0130785	.0072327	.5210560	40.85519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.969438	2.663563	.0101380	.0045243	.2071292	.0744376	.5386217
Stddev	.024530	.052061	.0003369	.0003888	.1645433	.0024210	.0011824
%RSD	.6179718	1.954544	3.322848	8.592873	79.43993	3.252361	.2195134

#1	3.983500	2.604031	.0097500	.0045414	.1095604	.0720711	.5382499
#2	3.983702	2.700560	.0103088	.0049043	.3971040	.0769096	.5399452
#3	3.941114	2.686098	.0103554	.0041274	.1147231	.0743320	.5376699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.420311	1.884766	-.003179	.0103056	.3940387	1.587427	.0111548
Stddev	.076156	.007925	.000755	.0003592	.0015530	.007043	.0014245
%RSD	2.226570	.4204955	23.74730	3.485404	.3941248	.4436706	12.76989

#1	3.338197	1.893055	-.002437	.0102710	.3945021	1.595079	.0095358
#2	3.434117	1.883980	-.003946	.0106809	.3923067	1.581215	.0122156
#3	3.488619	1.877263	-.003153	.0099650	.3953073	1.585986	.0117130

Sample Name: K3416-09 Acquired: 06/27/2019 12:53:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3030075	-.000952	.0640443
Stddev	.0017173	.002055	.0003047
%RSD	.5667498	215.9723	.4758306

#1	.3026448	.001245	.0636995
#2	.3048772	-.001272	.0642777
#3	.3015005	-.002828	.0641556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.088	2653.252	42171.28	7939.873	2839.644
Stddev	8.493	.767	166.69	49.671	3.795
%RSD	.4353193	.0289104	.3952653	.6255942	.1336547

#1	1954.674	2654.129	42073.01	7937.310	2842.921
#2	1941.390	2652.916	42077.10	7891.533	2840.525
#3	1957.201	2652.710	42363.75	7990.777	2835.485

Sample Name: K3416-09LX5 Acquired: 06/27/2019 13:05:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1256478	.0006747	.1220128	-.002003	.0011384	3.786712	.0539847
Stddev	.0011252	.0019962	.0009736	.002823	.0010323	.021189	.0007877
%RSD	.8955201	295.8715	.7979359	140.9596	90.67789	.5595499	1.459118

#1	.1254887	.0020430	.1213106	.000869	.0000102	3.811110	.0547663
#2	.1246106	-.001616	.1216037	-.004775	.0020355	3.776093	.0531910
#3	.1268441	.001597	.1231242	-.002102	.0013695	3.772933	.0539970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006596	.0010953	1.145058	.0028076	.0013887	.1144861	8.945485
Stddev	.0000389	.0000758	.017828	.0001769	.0002203	.0018003	.035057
%RSD	5.896576	6.923283	1.556939	6.299408	15.86154	1.572469	.3918964

#1	.0006147	.0010080	1.165129	.0026104	.0016376	.1165607	8.979948
#2	.0006815	.0011324	1.131062	.0028602	.0013097	.1135621	8.909862
#3	.0006825	.0011453	1.138982	.0029521	.0012189	.1133354	8.946646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8795911	.6216795	.0021062	.0007839	-.086675	.0168349	.1182248
Stddev	.0068677	.0237887	.0006426	.0003483	.100245	.0015487	.0017624
%RSD	.7807867	3.826528	30.50923	44.42794	115.6562	9.199357	1.490716

#1	.8855583	.6446006	.0015077	.0011831	-.175838	.0186023	.1186284
#2	.8720842	.6233289	.0020256	.0006268	-.106019	.0157154	.1162956
#3	.8811309	.5971090	.0027852	.0005419	.021832	.0161868	.1197503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6581271	.3611591	-.005443	.0022391	.0724277	.3531150	.0019901
Stddev	.1009060	.0025140	.000846	.0002562	.0048495	.0091671	.0004813
%RSD	15.33230	.6961070	15.53540	11.44300	6.695670	2.596061	24.18557

#1	.6659092	.3587958	-.005856	.0019942	.0698518	.3460101	.0016775
#2	.7549167	.3608808	-.006002	.0025053	.0780217	.3498721	.0017485
#3	.5535553	.3638007	-.004470	.0022178	.0694098	.3634627	.0025444

Sample Name: K3416-09LX5 Acquired: 06/27/2019 13:05:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0666772	-.003039	.0140414
Stddev	.0014398	.003551	.0001111
%RSD	2.159412	116.8335	.7910112

#1	.0654407	-.006491	.0140600
#2	.0663330	-.003229	.0139222
#3	.0682579	.000603	.0141419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.183	2243.184	35541.16	6653.917	2782.171
Stddev	11.975	6.643	145.25	33.799	7.919
%RSD	.7314294	.2961489	.4086676	.5079568	.2846196

#1	1646.493	2239.775	35428.80	6648.780	2776.363
#2	1641.383	2250.840	35705.17	6689.990	2791.191
#3	1623.674	2238.938	35489.51	6622.980	2778.959

Sample Name: K3416-11 Acquired: 06/27/2019 13:01:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MH0BX8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7146549	.1077551	.7542873	.0663832	.0651441	23.40087	3.954225
Stddev	.0040891	.0007717	.0024401	.0006481	.0010825	.13118	.046632
%RSD	.5721847	.7161236	.3234924	.9763557	1.661690	.5605613	1.179305

#1	.7179755	.1068909	.7569062	.0670366	.0645891	23.34386	3.945774
#2	.7159018	.1083752	.7520780	.0657405	.0663915	23.30784	3.912396
#3	.7100875	.1079991	.7538776	.0663724	.0644516	23.55091	4.004505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905469	.1110099	5.691360	.3883631	1.036338	.9441911	50.76614
Stddev	.0004941	.0001372	.079139	.0017625	.001334	.0043100	.46128
%RSD	.5457166	.1236025	1.390514	.4538273	.1287657	.4564797	.9086414

#1	.0911175	.1108862	5.688454	.3863342	1.037840	.9428533	50.72497
#2	.0902681	.1111575	5.613714	.3892394	1.035887	.9407086	50.32683
#3	.0902552	.1109861	5.771912	.3895157	1.035288	.9490114	51.24663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.251994	2.950290	1.047110	.0898158	.0764047	.9623709	1.514100
Stddev	.053442	.046829	.001253	.0002030	.0271022	.0102240	.013953
%RSD	1.256873	1.587283	.1196251	.2259954	35.47189	1.062374	.9215522

#1	4.247250	2.934832	1.047383	.0896405	.0858036	.9547771	1.504857
#2	4.201081	2.913143	1.048204	.0900382	.0975562	.9583396	1.507292
#3	4.307650	3.002894	1.045744	.0897687	.0458542	.9739959	1.530150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.897706	1.972634	-.000543	.0113362	.4366364	1.425609	.0132780
Stddev	.020408	.006704	.001439	.0002560	.0058045	.008646	.0008630
%RSD	.5235827	.3398644	264.8008	2.258487	1.329374	.6064724	6.499220

#1	3.918031	1.973120	-.001233	.0111312	.4432356	1.422901	.0125293
#2	3.877217	1.979082	-.001507	.0112542	.4343522	1.418641	.0142218
#3	3.897870	1.965700	.001110	.0116232	.4323215	1.435285	.0130829

Sample Name: K3416-11 Acquired: 06/27/2019 13:01:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MH0BX8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3282907	.0007315	.0731396
Stddev	.0038069	.0016112	.0002517
%RSD	1.159596	220.2616	.3441857

#1	.3262404	.0018408	.0732810
#2	.3259484	-.001117	.0728490
#3	.3326832	.001470	.0732889

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.213	2609.561	41545.50	7824.355	2820.469
Stddev	5.563	2.223	337.11	16.392	4.401
%RSD	.2904874	.0851823	.8114313	.2095060	.1560542

#1	1919.470	2608.050	41925.41	7824.280	2817.802
#2	1908.918	2608.520	41282.08	7840.786	2818.056
#3	1917.252	2612.114	41429.01	7808.001	2825.549

Sample Name: CCV015 Acquired: 06/27/2019 13:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.770844	4.860029	24.50468	4.562739	4.832670	411.9649	10.29345
Stddev	.002048	.003659	.01141	.013124	.006596	6.2851	.02821
%RSD	.0429171	.0752801	.0465675	.2876310	.1364974	1.525628	.2740674

#1	4.770850	4.857852	24.51782	4.553078	4.838414	414.4167	10.28994
#2	4.768793	4.864253	24.49736	4.557457	4.825466	416.6545	10.32326
#3	4.772888	4.857982	24.49884	4.577680	4.834130	404.8235	10.26716

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5040120	2.451972	407.7541	15.27707	2.524560	15.04084	418.3025
Stddev	.0028276	.001323	1.5299	.02195	.001708	.02911	2.3693
%RSD	.5610122	.0539379	.3751924	.1437096	.0676589	.1935339	.5664045

#1	.5037720	2.452993	406.7470	15.29224	2.524961	15.00731	415.7559
#2	.5069519	2.450478	409.5145	15.28708	2.522687	15.05558	420.4417
#3	.5013121	2.452444	407.0008	15.25189	2.526032	15.05963	418.7098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.27879	411.2568	2.463153	1.307038	415.6232	2.499073	15.15622
Stddev	.07296	2.5488	.004326	.010324	1.7185	.010613	.07871
%RSD	.4775377	.6197470	.1756192	.7898496	.4134749	.4246911	.5193152

#1	15.20702	408.5573	2.467908	1.315460	414.7711	2.486828	15.10011
#2	15.35289	413.6218	2.462099	1.295521	417.6013	2.505633	15.12235
#3	15.27646	411.5912	2.459451	1.310132	414.4973	2.504758	15.24619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.5992	4.961596	5.019278	4.873488	4.838405	5.013537	4.913953
Stddev	.2413	.008573	.004710	.008368	.032726	.014031	.008405
%RSD	.1571243	.1727854	.0938320	.1717010	.6763788	.2798632	.1710512

#1	153.3310	4.952343	5.015185	4.879430	4.837132	5.019269	4.919089
#2	153.7989	4.969269	5.018223	4.863919	4.806335	5.023794	4.918516
#3	153.6678	4.963175	5.024426	4.877116	4.871749	4.997547	4.904253

Sample Name: CCV015 Acquired: 06/27/2019 13:09:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.051202	5.092198	4.980848
Stddev	.014664	.012087	.045836
%RSD	.2903038	.2373603	.9202395

#1	5.034837	5.090080	4.929593
#2	5.063148	5.105204	5.017905
#3	5.055621	5.081311	4.995045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.337	1856.634	31318.76	6154.384	2254.452
Stddev	3.587	2.789	45.04	22.755	1.470
%RSD	.2629421	.1502151	.1438002	.3697423	.0652053

#1	1366.077	1854.026	31322.32	6174.017	2252.757
#2	1366.723	1859.574	31361.91	6129.444	2255.376
#3	1360.212	1856.302	31272.05	6159.690	2255.223

Sample Name: CCB015 Acquired: 06/27/2019 13:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002313	.0021803	.0028667	.0018815	-.001633	.0090039	.0008470
Stddev	.003233	.0005682	.0018698	.0013407	.000364	.0104050	.0005917
%RSD	139.8018	26.06189	65.22354	71.26073	22.30415	115.5615	69.85895

#1	.000554	.0020462	.0034854	.0009252	-.001697	.0041826	.0005937
#2	-.001675	.0016911	.0007660	.0013052	-.001961	.0018840	.0004241
#3	-.005817	.0028036	.0043488	.0034140	-.001241	.0209450	.0015232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	-.000032	.0238617	.0004631	.0003833	.0031793	.0285247
Stddev	.000111	.000031	.0045499	.0003379	.0002394	.0009819	.0018330
%RSD	134.5079	95.93413	19.06779	72.96183	62.47032	30.88572	6.426147

#1	.000041	-.000068	.0264287	.0007123	.0005113	.0034611	.0275435
#2	-.000114	-.000018	.0265481	.0000785	.0005315	.0020872	.0306394
#3	-.000175	-.000011	.0186084	.0005984	.0001071	.0039895	.0273911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007751	.0373759	.0005329	-.000020	.1900359	.0034258	-.001552
Stddev	.0001477	.0185297	.0001290	.000296	.2113323	.0025638	.000927
%RSD	19.05669	49.57657	24.20250	1501.178	111.2065	74.83602	59.69293

#1	.0009366	.0527410	.0003880	-.000362	-.030323	.0015105	-.001478
#2	.0006469	.0425885	.0005752	.000138	.391006	.0024287	-.002514
#3	.0007417	.0167982	.0006353	.000165	.209425	.0063383	-.000665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018808	.0016990	.0037412	-.000229	-.007993	-.001096	-.000342
Stddev	.067824	.0017703	.0005299	.000105	.002461	.000726	.000711
%RSD	360.6204	104.1944	14.16389	45.85721	30.78506	66.20969	207.5199

#1	.056894	-.000250	.0043110	-.000325	-.010758	-.001595	.000413
#2	-.074038	.003207	.0032632	-.000117	-.006045	-.001431	-.000442
#3	-.039278	.002140	.0036492	-.000246	-.007175	-.000264	-.000998

Sample Name: CCB015 Acquired: 06/27/2019 13:13:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v926) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000290	.0019224	.0001285
Stddev	.000800	.0016603	.0000436
%RSD	275.6992	86.36819	33.92154

#1	-.001141	.0004531	.0001703
#2	-.000176	.0015905	.0001318
#3	.000447	.0037236	.0000833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.084	2137.793	33743.35	6283.637	2764.906
Stddev	8.519	6.313	32.66	22.110	1.821
%RSD	.5439876	.2952929	.0967918	.3518638	.0658729

#1	1569.329	2130.516	33776.08	6267.320	2762.875
#2	1556.418	2141.801	33743.22	6308.800	2765.448
#3	1572.503	2141.061	33710.76	6274.790	2766.394