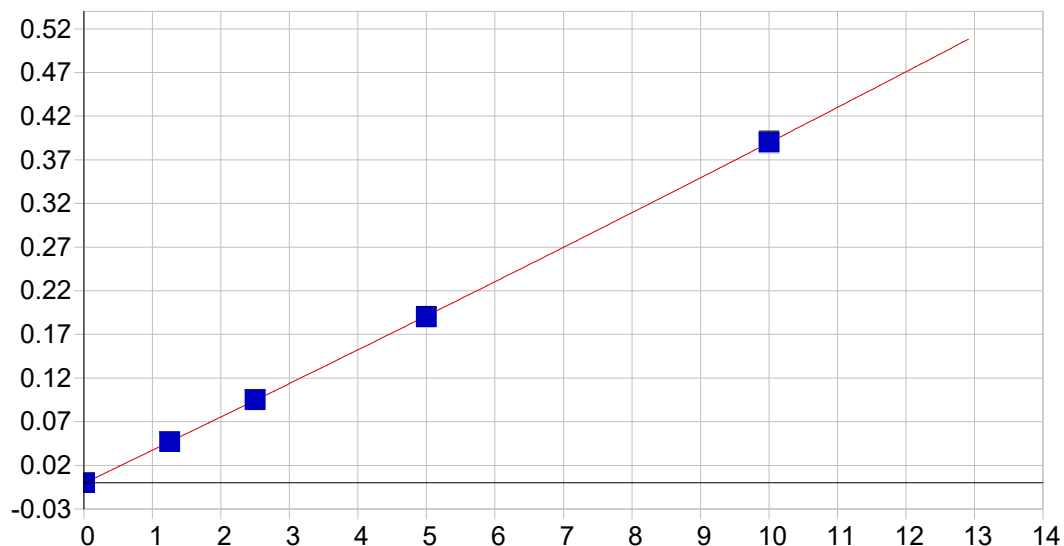


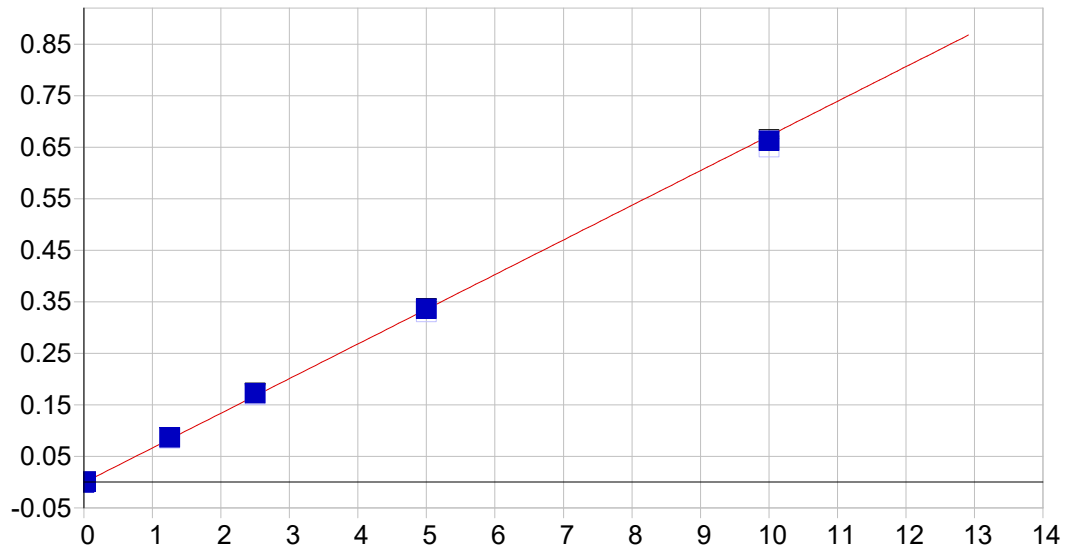


As 189.042 {479}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000449	Re-Slope:	1.000000
A1 (Gain):	0.037651	Y-int:	0.000000
A2 (Curvature):	0.000135		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	Warning Positive Curvature
Std Error of Est:	0.000004		
Predicted MDL:	0.003042		
Predicted MQL:	0.010141		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00045	.000	1
S1	.01000	.00898	-.001	-10.2	-.00011	.000	1
S2	1.2500	1.2582	.008	.659	.04697	.000	1
S3	2.5000	2.5126	.013	.504	.09467	.000	1
S4	5.0000	4.9693	-.031	-.613	.18931	.001	1
S5	10.000	10.011	.011	.109	.38862	.001	1

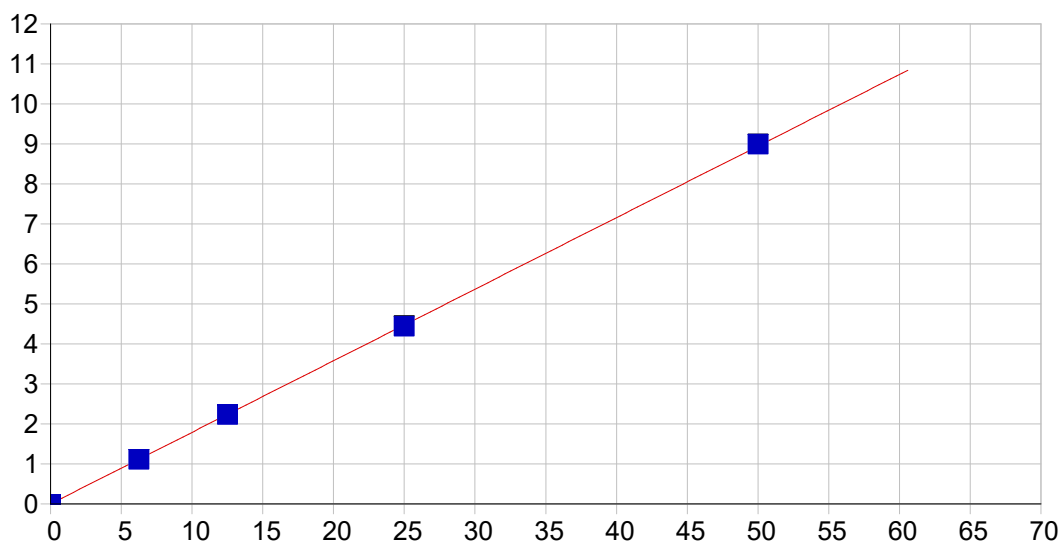


TI 190.856 {477}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.067260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.001868
 Predicted MQL: 0.006228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.02500	.02295	-.002	-8.19	.00063	.000	1
S2	1.2500	1.2974	.047	3.79	.08487	.000	1
S3	2.5000	2.5766	.077	3.06	.16936	.000	1
S4	5.0000	5.0148	.015	.296	.33025	.001	1
S5	10.000	9.8632	-.137	-1.37	.65015	.002	1

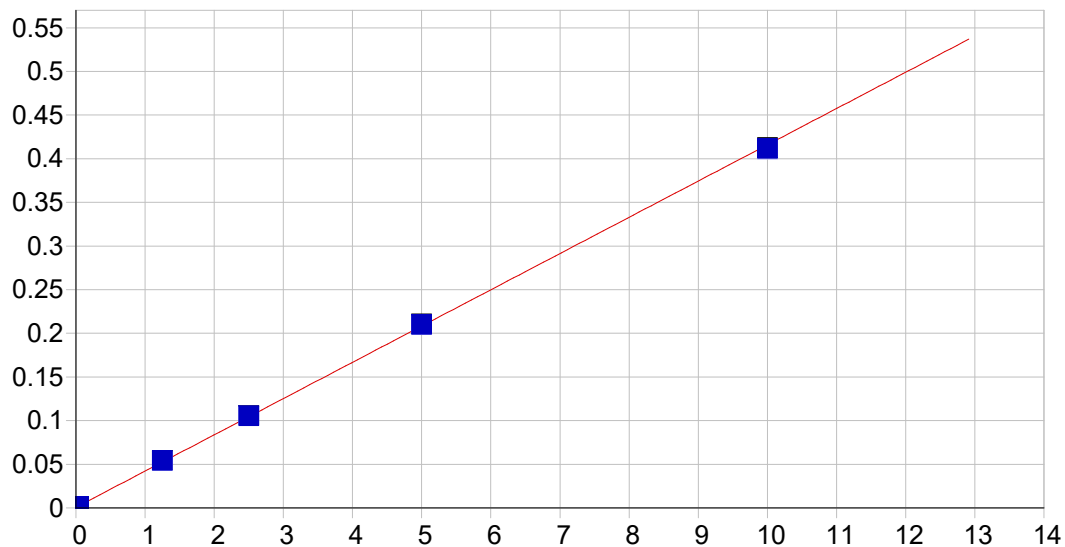


Pb 220.353 {453}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000487	Re-Slope:	1.000000
A1 (Gain):	0.178903	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.001585		
Predicted MQL:	0.005285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01000	.00926	-.001	-7.43	.00214	.000	1
S2	6.2500	6.2104	-.040	-.634	1.1114	.001	1
S3	12.500	12.453	-.047	-.378	2.2281	.001	1
S4	25.000	24.833	-.167	-.667	4.4428	.009	1
S5	50.000	50.254	.254	.509	8.9903	.002	1

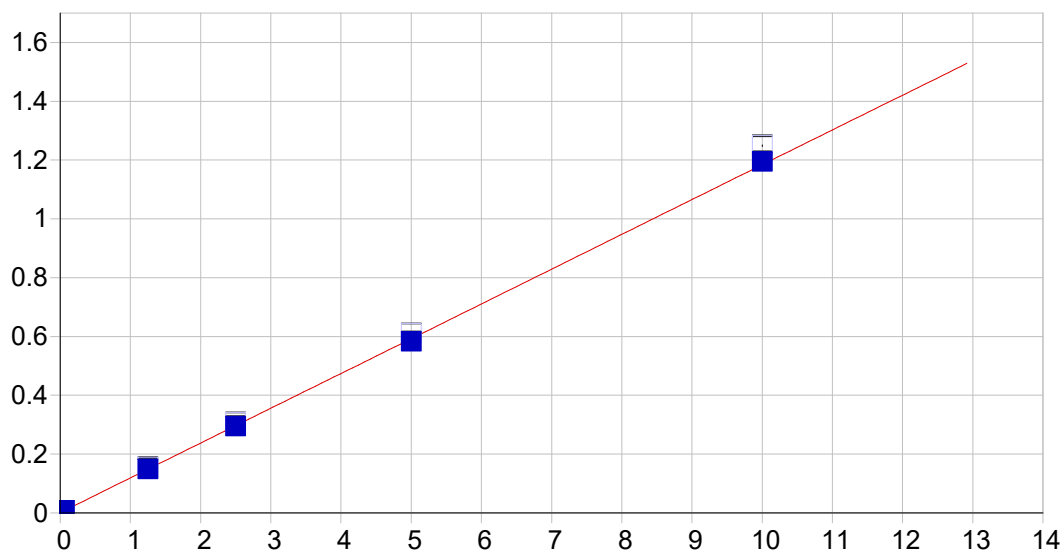


Se 196.090 {472}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000661 Re-Slope: 1.000000
 A1 (Gain): 0.041528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003285
 Predicted MQL: 0.010949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00066	.000	1
S1	.03500	.03509	.000	.246	.00212	.000	1
S2	1.2500	1.2875	.038	3.00	.05399	.000	1
S3	2.5000	2.5221	.022	.885	.10513	.000	1
S4	5.0000	5.0444	.044	.888	.20960	.000	1
S5	10.000	9.8958	-.104	-1.04	.41053	.001	1

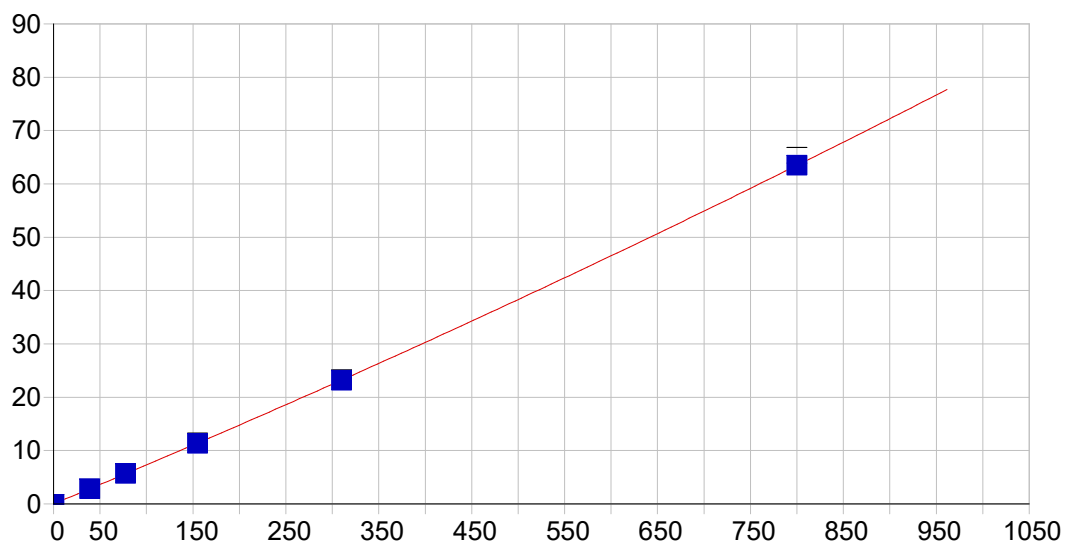


Sb 206.833 {463}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000844	Re-Slope:	1.000000
A1 (Gain):	0.118313	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.001690		
Predicted MQL:	0.005633		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00084	.000	1
S1	.06000	.06242	.002	4.03	.00823	.000	1
S2	1.2500	1.2526	.003	.205	.15585	.001	1
S3	2.5000	2.4821	-.018	-.717	.30812	.001	1
S4	5.0000	4.9235	-.077	-1.53	.61059	.001	1
S5	10.000	10.090	.090	.896	1.2490	.003	1

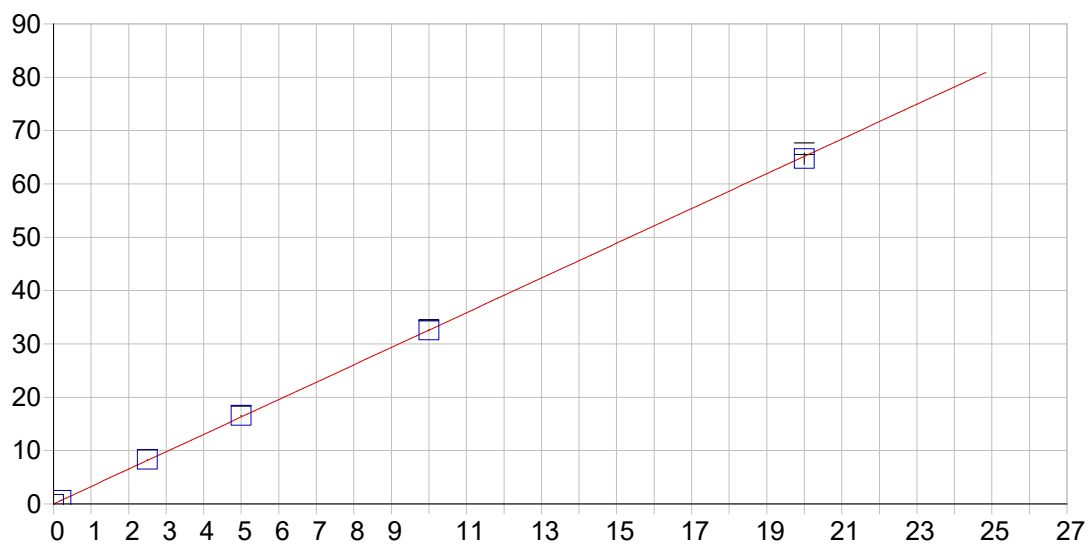


AI 396.152 { 85}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.005928	Re-Slope:	1.000000
A1 (Gain):	0.072081	Y-int:	0.000000
A2 (Curvature):	0.000009		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	Warning Positive Curvature
Std Error of Est:	0.000179		
Predicted MDL:	0.011177		
Predicted MQL:	0.037257		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00593	.000	1
S1	.20000	.21092	.011	5.46	.02138	.000	1
S2	38.750	39.219	.469	1.21	2.8524	.004	1
S3	77.500	78.145	.645	.832	5.7052	.011	1
S4	155.00	154.26	-.739	-.477	11.363	.046	1
S5	310.00	309.34	-.661	-.213	23.215	.101	1
S6	800.00	800.28	.281	.035	63.532	1.47	1

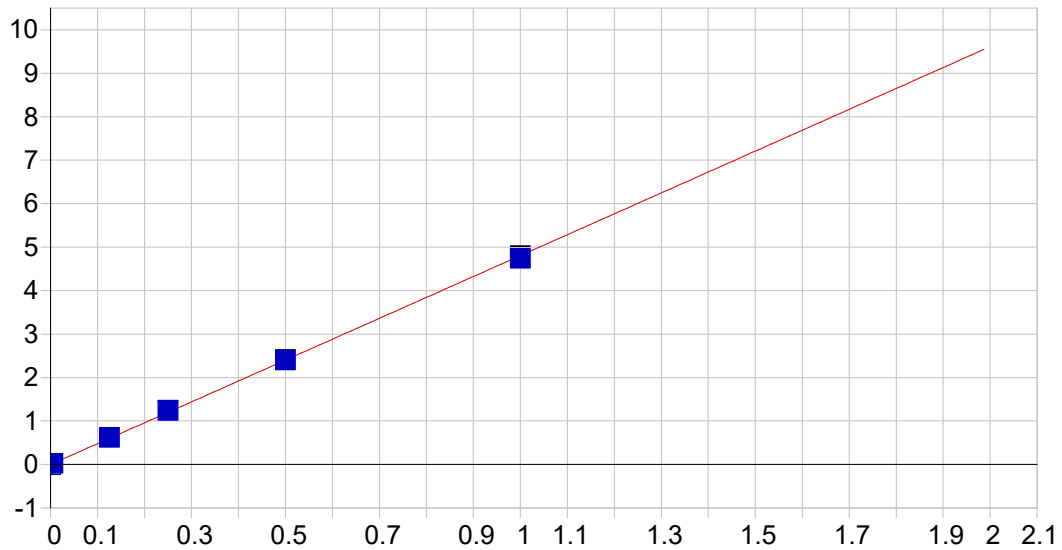


Ba 493.409 { 68}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007488 Re-Slope: 1.000000
 A1 (Gain): 3.257623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.003240
 Predicted MDL: 0.000538
 Predicted MQL: 0.001793

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00747	.001	1
S1	.20000	.20100	.001	.502	.66228	.007	1
S2	2.5000	2.5507	.051	2.03	8.3168	.024	1
S3	5.0000	5.0844	.084	1.69	16.570	.062	1
S4	10.000	9.9935	-.007	-.065	32.562	.115	1
S5	20.000	19.870	-.130	-.648	64.738	1.06	1

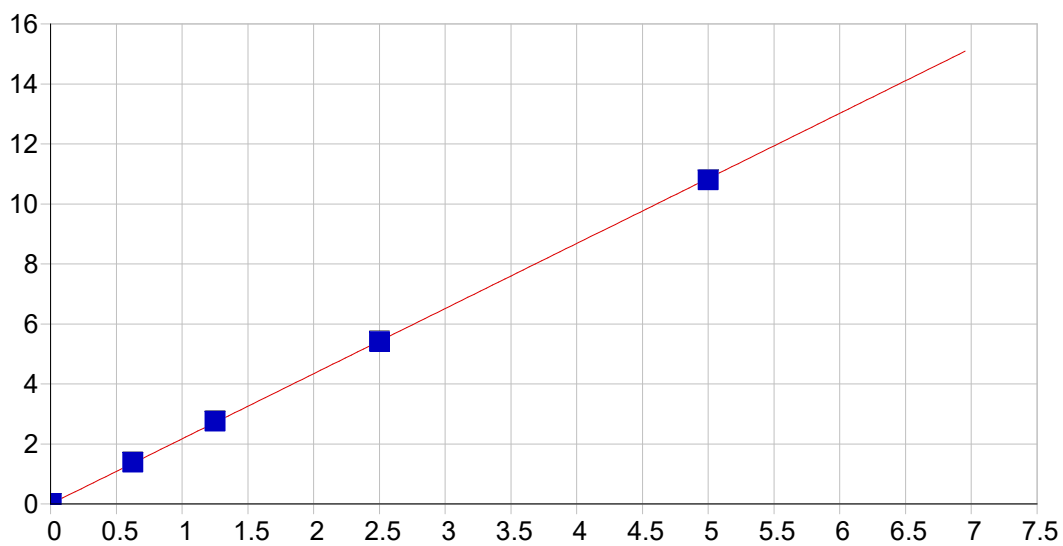


Be 234.861 {144}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003133 Re-Slope: 1.000000
 A1 (Gain): 4.807509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00313	.000	1
S1	.00500	.00489	-.000	-2.11	.02038	.001	1
S2	.12500	.12946	.004	3.57	.61724	.004	1
S3	.25000	.25799	.008	3.20	1.2332	.012	1
S4	.50000	.50062	.001	.123	2.3956	.008	1
S5	1.0000	.98704	-.013	-1.30	4.7261	.060	1

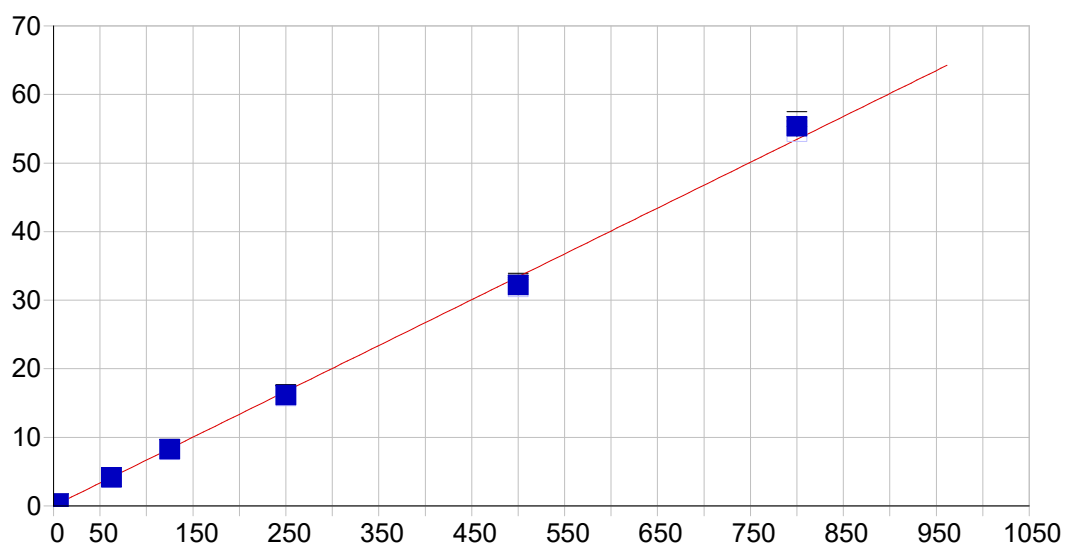


Cd 214.438 {457}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000228	Re-Slope:	1.000000
A1 (Gain):	2.170082	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000169		
Predicted MDL:	0.000085		
Predicted MQL:	0.000284		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00500	.00479	-.000	-4.17	.01063	.000	1
S2	.62500	.63916	.014	2.26	1.3893	.002	1
S3	1.2500	1.2697	.020	1.58	2.7598	.001	1
S4	2.5000	2.4941	-.006	-.236	5.4210	.004	1
S5	5.0000	4.9722	-.028	-.555	10.807	.012	1

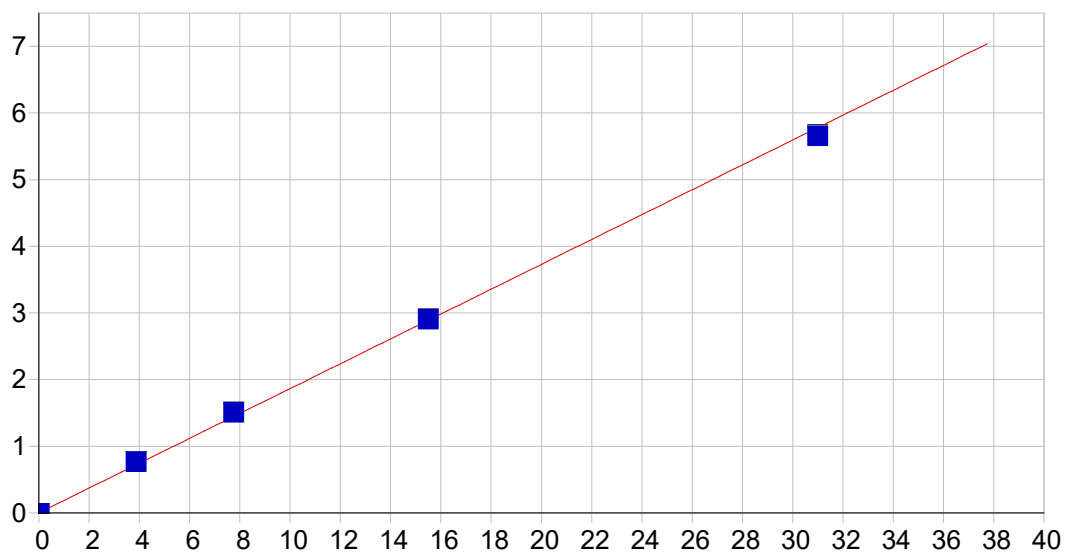


Ca 373.690 { 90}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000706 Re-Slope: 1.000000
 A1 (Gain): 0.066818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999423 Status: OK.
 Std Error of Est: 0.007836
 Predicted MDL: 0.011685
 Predicted MQL: 0.038949

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.00073	.000	1
S1	5.0000	4.9679	-.032	-.642	.33255	.002	1
S2	62.500	62.019	-.481	-.769	4.1074	.018	1
S3	125.00	123.28	-1.72	-1.38	8.1632	.030	1
S4	250.00	241.92	-8.08	-3.23	16.016	.073	1
S5	500.00	481.89	-18.1	-3.62	31.901	.295	1
S6	800.00	828.60	28.6	3.57	54.569	.675	1

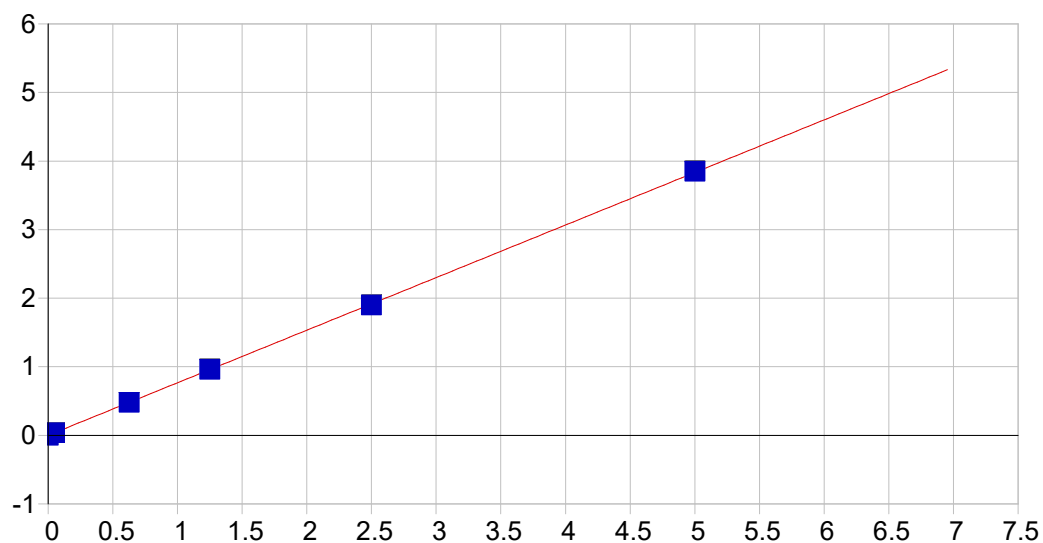


Cr 267.716 {126}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000155	Re-Slope:	1.000000
A1 (Gain):	0.186488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999619	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.000558		
Predicted MQL:	0.001859		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01096	.001	9.56	.00220	.000	1
S2	3.8750	4.1181	.243	6.27	.76904	.001	1
S3	7.7500	8.0875	.338	4.35	1.5102	.003	1
S4	15.500	15.578	.078	.504	2.9089	.006	1
S5	31.000	30.340	-.660	-2.13	5.6655	.011	1

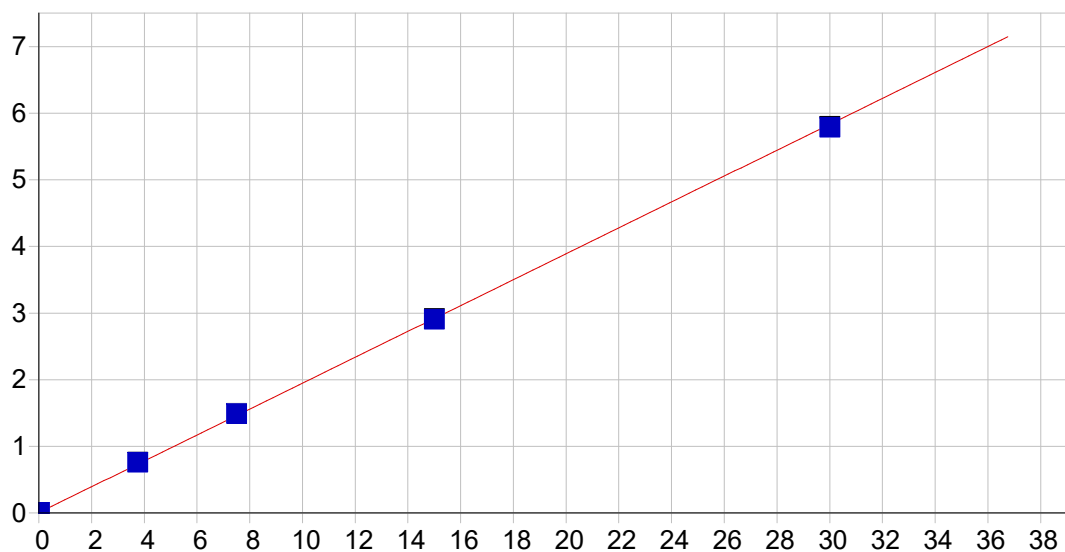


Co 228.616 {448}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000217	Re-Slope:	1.000000
A1 (Gain):	0.766820	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000259		
Predicted MQL:	0.000862		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04889	-.001	-2.23	.03741	.000	1
S2	.62500	.62459	-.000	-.065	.47950	.002	1
S3	1.2500	1.2550	.005	.396	.96363	.000	1
S4	2.5000	2.4784	-.022	-.863	1.9033	.003	1
S5	5.0000	5.0181	.018	.363	3.8539	.003	1

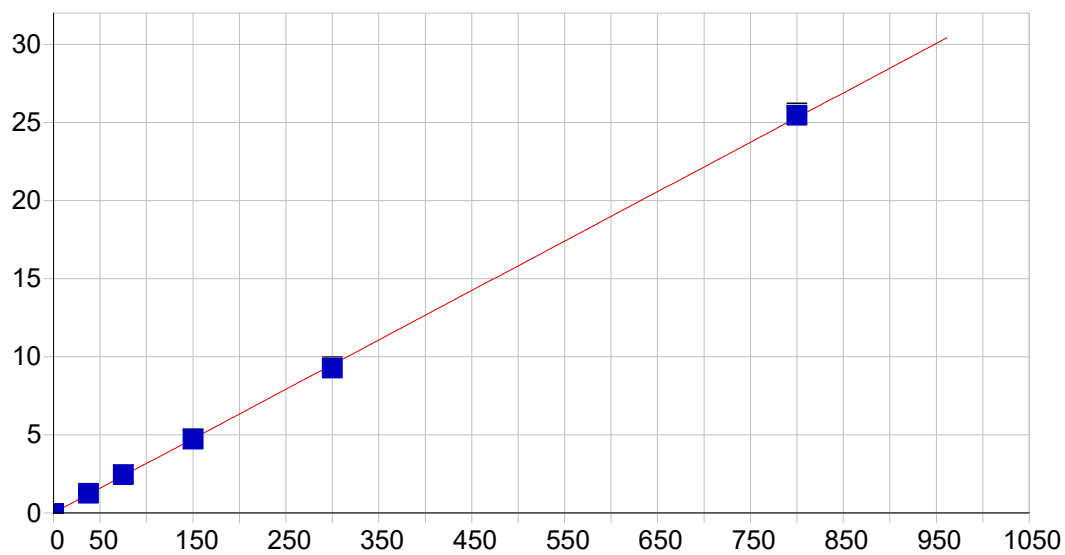


Cu 324.754 {104}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003413	Re-Slope:	1.000000
A1 (Gain):	0.194352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000122		
Predicted MDL:	0.002687		
Predicted MQL:	0.008957		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00341	.000	1
S1	.02500	.02697	.002	7.86	.00865	.000	1
S2	3.7500	3.8917	.142	3.78	.75923	.001	1
S3	7.5000	7.6512	.151	2.02	1.4894	.004	1
S4	15.000	14.931	-.069	-.459	2.9031	.009	1
S5	30.000	29.774	-.226	-.753	5.7857	.012	1

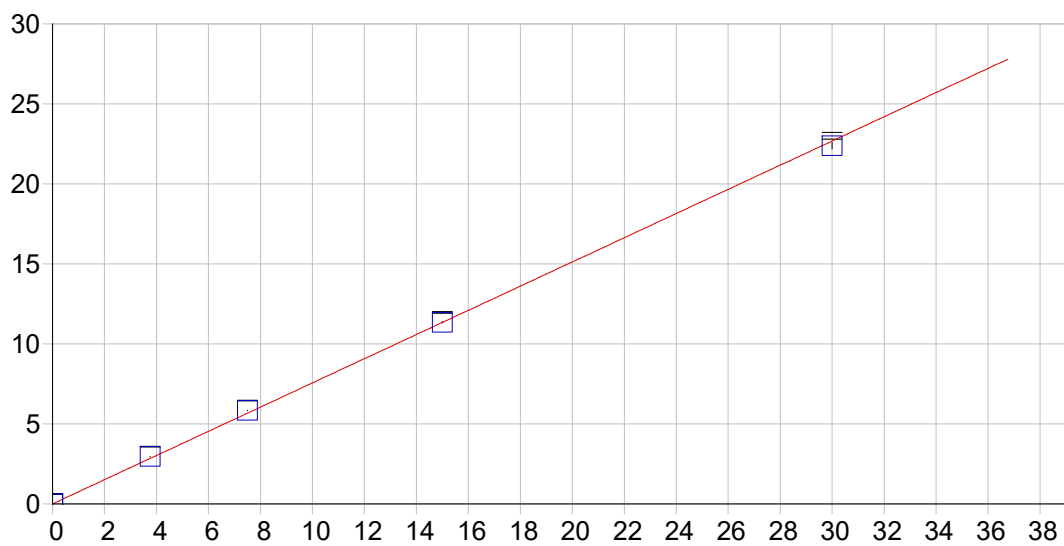


Fe 259.837 {130}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001281 Re-Slope: 1.000000
 A1 (Gain): 0.031635 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000218
 Predicted MDL: 0.008418
 Predicted MQL: 0.028059

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00128	.000	1
S1	.10000	.10496	.005	4.96	.00473	.000	1
S2	37.500	39.206	1.71	4.55	1.2440	.004	1
S3	75.000	77.181	2.18	2.91	2.4478	.006	1
S4	150.00	148.91	-1.09	-.725	4.7220	.021	1
S5	300.00	292.94	-7.06	-2.35	9.2881	.063	1
S6	800.00	804.26	4.26	.533	25.476	.133	1

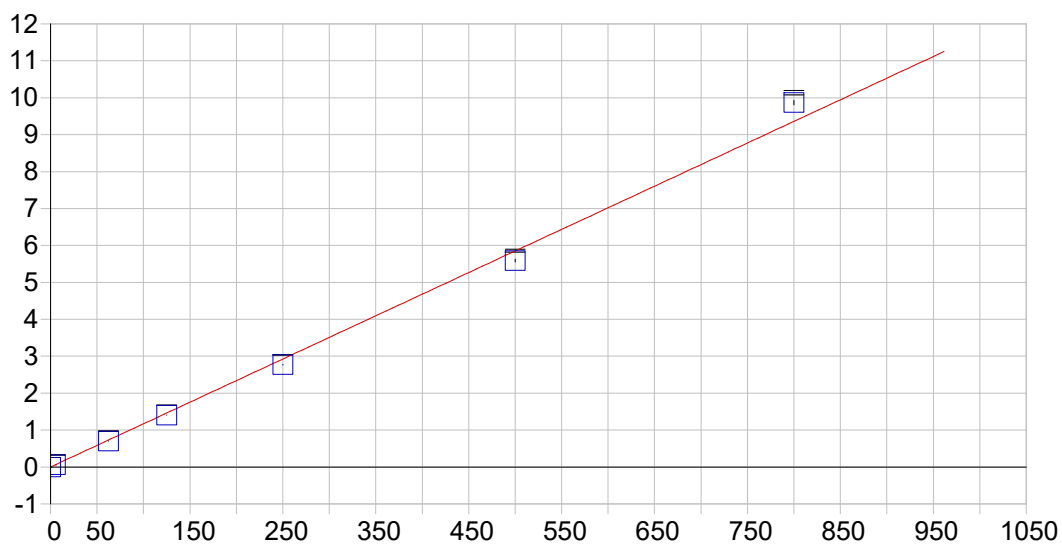


Mn 257.610 {131}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001208	Re-Slope:	1.000000
A1 (Gain):	0.756054	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000497		
Predicted MDL:	0.000375		
Predicted MQL:	0.001251		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00121	.001	1
S1	.01500	.01566	.001	4.40	.01305	.000	1
S2	3.7500	3.9181	.168	4.48	2.9635	.015	1
S3	7.5000	7.7206	.221	2.94	5.8384	.017	1
S4	15.000	15.004	.004	.025	11.345	.049	1
S5	30.000	29.607	-.393	-1.31	22.386	.211	1

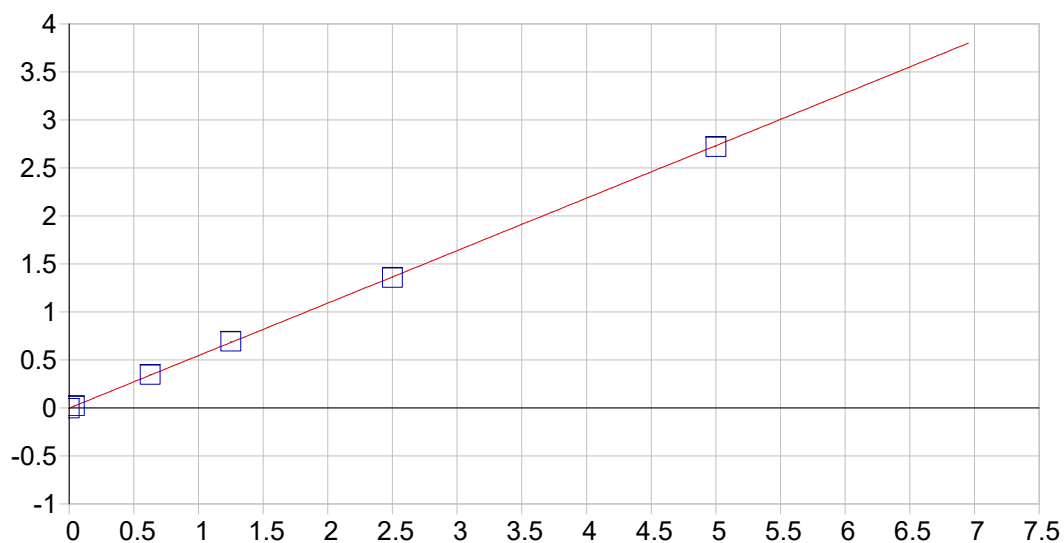


Mg 279.079 {121}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.011701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998747 Status: OK.
 Std Error of Est: 0.002046
 Predicted MDL: 0.025499
 Predicted MQL: 0.084995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	-.00005	.000	1
S1	5.0000	4.8932	-.107	-2.14	.05719	.000	1
S2	62.500	59.845	-2.65	-4.25	.70017	.003	1
S3	125.00	120.05	-4.95	-3.96	1.4047	.004	1
S4	250.00	236.58	-13.4	-5.37	2.7681	.010	1
S5	500.00	477.74	-22.3	-4.45	5.5898	.042	1
S6	800.00	843.39	43.4	5.42	9.8681	.064	1

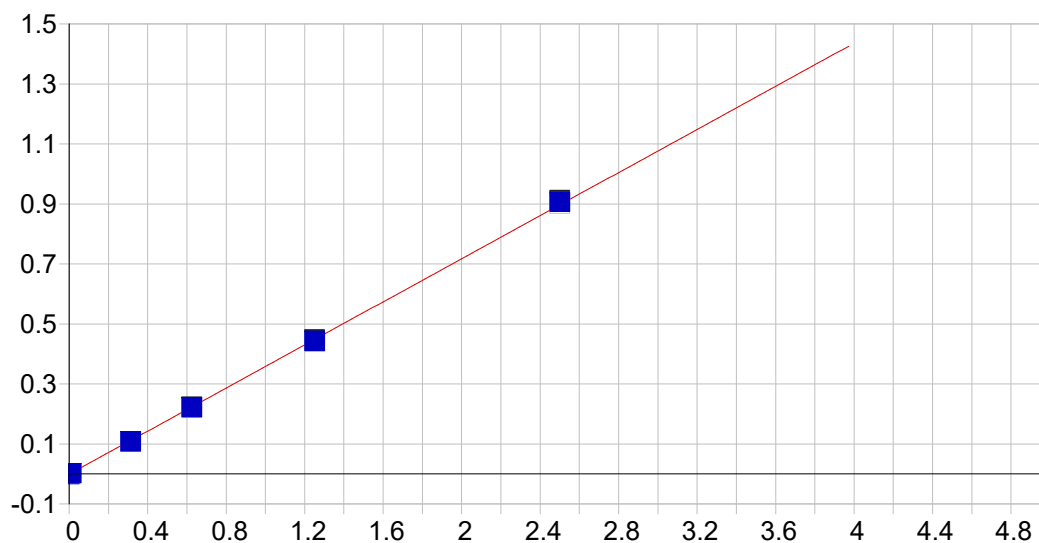


Ni 231.604 {446}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001698	Re-Slope:	1.000000
A1 (Gain):	0.546677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000419		
Predicted MQL:	0.001398		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00170	.000	1
S1	.04000	.04245	.002	6.13	.02151	.000	1
S2	.62500	.63635	.011	1.82	.34618	.000	1
S3	1.2500	1.2688	.019	1.50	.69193	.002	1
S4	2.5000	2.4874	-.013	-.505	1.3581	.001	1
S5	5.0000	4.9800	-.020	-.400	2.7208	.002	1

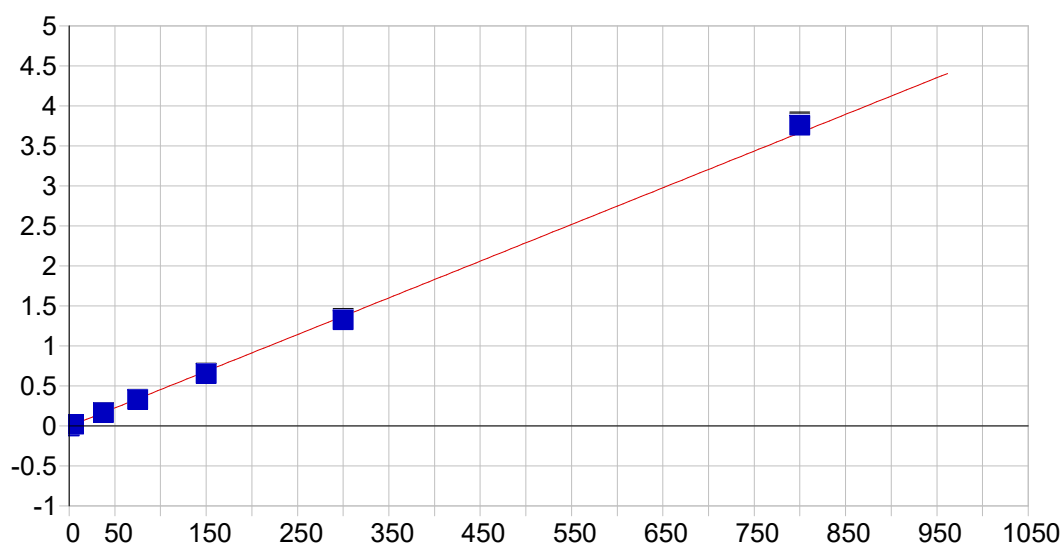


Ag 328.068 {103}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000985	Re-Slope:	1.000000
A1 (Gain):	0.359100	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.000483		
Predicted MQL:	0.001610		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00099	.000	1
S1	.01000	.01001	.000	.101	.00258	.000	1
S2	.31250	.30217	-.010	-3.31	.10679	.001	1
S3	.62500	.62014	-.005	-.777	.22024	.001	1
S4	1.2500	1.2372	-.013	-1.02	.44036	.003	1
S5	2.5000	2.5280	.028	1.12	.90096	.006	1

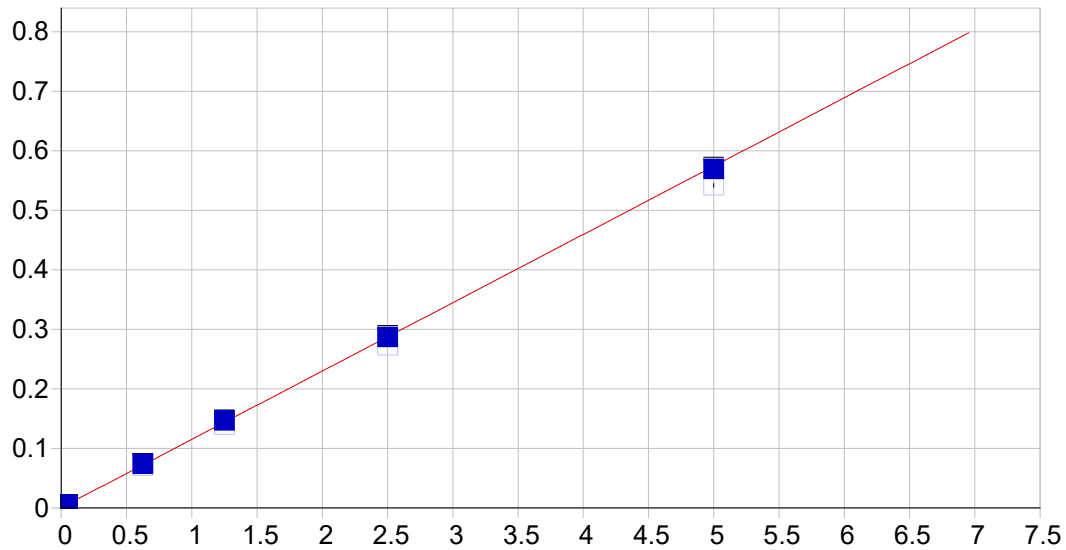


Na 818.326 { 41}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004576 Re-Slope: 1.000000
 A1 (Gain): 0.004587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.315341
 Predicted MQL: 1.051138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.00457	.001	1
S1	5.0000	5.0723	.072	1.45	.01869	.001	1
S2	37.500	36.760	-.740	-1.97	.16480	.000	1
S3	75.000	72.736	-2.26	-3.02	.33058	.001	1
S4	150.00	143.51	-6.49	-4.33	.65675	.002	1
S5	300.00	289.71	-10.3	-3.43	1.3304	.012	1
S6	800.00	819.71	19.7	2.46	3.7716	.027	1

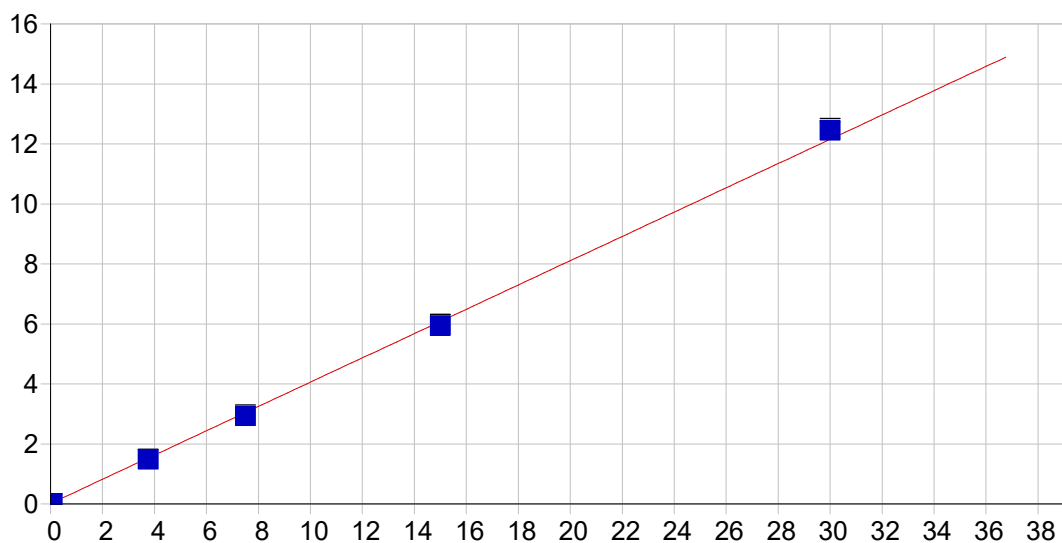


V 292.402 {115}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000402	Re-Slope:	1.000000
A1 (Gain):	0.114800	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.003033		
Predicted MQL:	0.010109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.05000	.05139	.001	2.78	.00629	.000	1
S2	.62500	.64377	.019	3.00	.07087	.000	1
S3	1.2500	1.2748	.025	1.98	.13987	.001	1
S4	2.5000	2.4965	-.003	-.139	.27324	.003	1
S5	5.0000	4.9585	-.042	-.831	.54212	.003	1

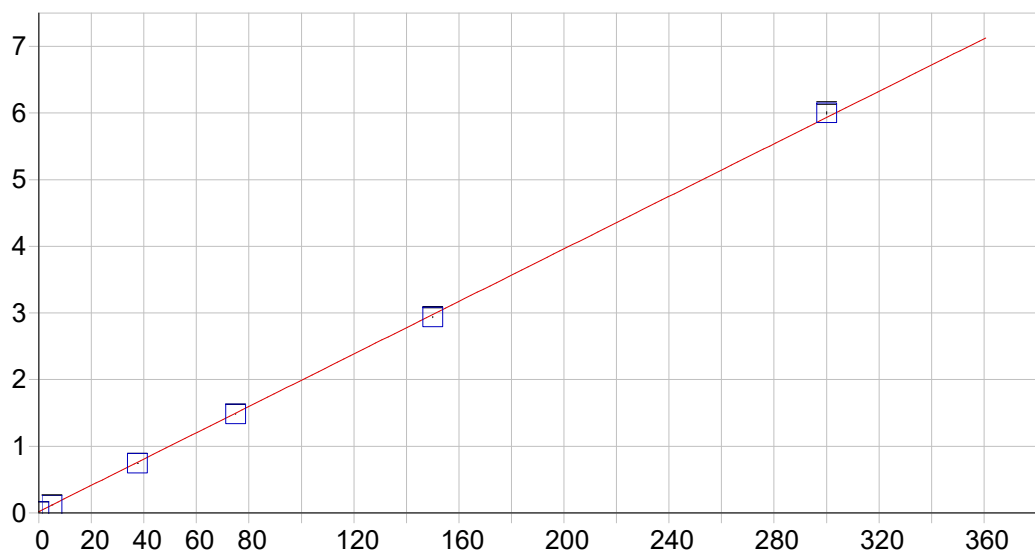


Zn 213.856 {158}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010716 Re-Slope: 1.000000
 A1 (Gain): 0.404792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652 Status: OK.
 Std Error of Est: 0.000761
 Predicted MDL: 0.001439
 Predicted MQL: 0.004797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01072	.001	1
S1	.06000	.05859	-.001	-2.35	.03450	.000	1
S2	3.7500	3.6483	-.102	-2.71	1.4900	.006	1
S3	7.5000	7.2297	-.270	-3.60	2.9422	.027	1
S4	15.000	14.638	-.362	-2.41	5.9459	.047	1
S5	30.000	30.736	.736	2.45	12.472	.056	1

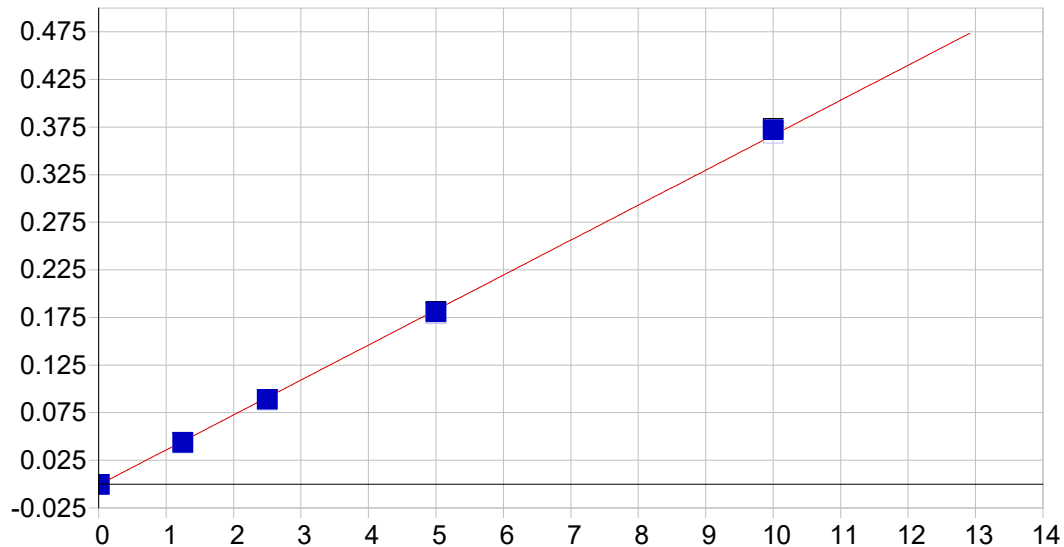


K 769.896 { 44}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.019962	Re-Slope:	1.000000
A1 (Gain):	0.019709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000509		
Predicted MDL:	0.076446		
Predicted MQL:	0.254821		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.01997	.001	1
S1	5.0000	4.9782	-.022	-.435	.11808	.000	1
S2	37.500	36.754	-.746	-1.99	.74434	.001	1
S3	75.000	74.201	-.799	-1.07	1.4824	.002	1
S4	150.00	148.07	-1.93	-1.29	2.9382	.010	1
S5	300.00	303.50	3.50	1.17	6.0016	.020	1

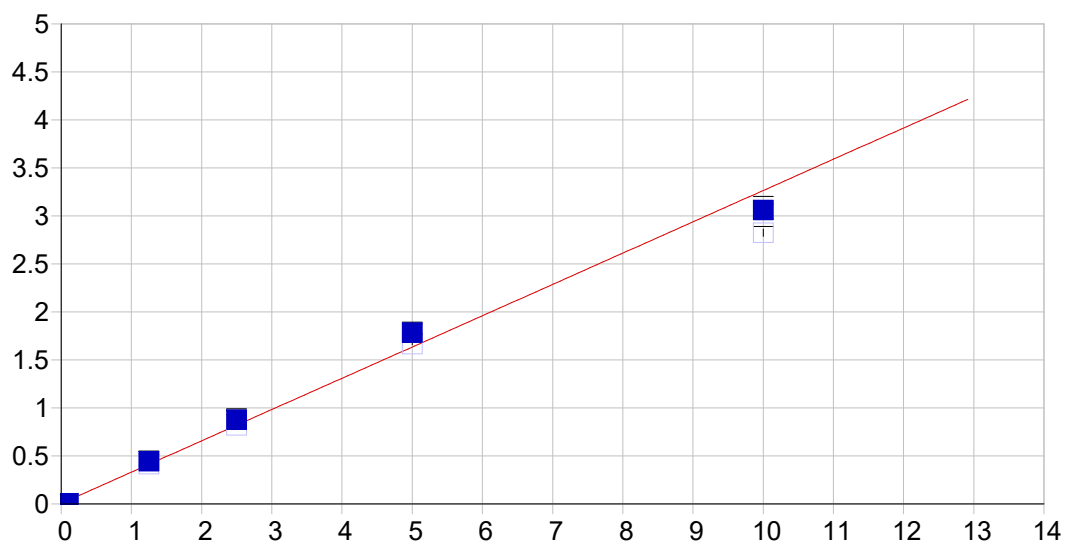


P 177.495 {490}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000860 Re-Slope: 1.000000
 A1 (Gain): 0.036731 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002469
 Predicted MQL: 0.008231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.00780	-.002	-22.0	-.00057	.000	1
S2	1.2500	1.2080	-.042	-3.36	.04300	.000	1
S3	2.5000	2.4417	-.058	-2.33	.08780	.000	1
S4	5.0000	4.9448	-.055	-1.10	.17871	.000	1
S5	10.000	10.158	.158	1.58	.36813	.001	1

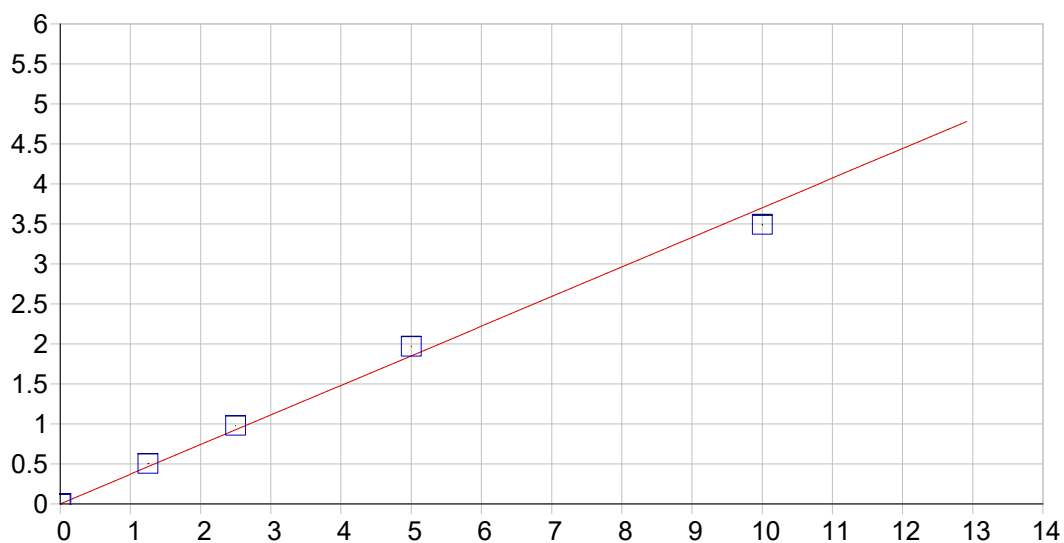


B 249.678 {135}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005017 Re-Slope: 1.000000
 A1 (Gain): 0.325898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994514 Status: OK.
 Std Error of Est: 0.001690
 Predicted MDL: 0.001316
 Predicted MQL: 0.004387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00504	.000	1
S1	.10000	.01025	-.090	-89.8	.00829	.000	1
S2	1.2500	1.3464	.096	7.71	.41424	.002	1
S3	2.5000	2.6697	.170	6.79	.81594	.010	1
S4	5.0000	5.4534	.453	9.07	1.6640	.009	1
S5	10.000	9.3770	-.623	-6.23	2.8244	.039	1

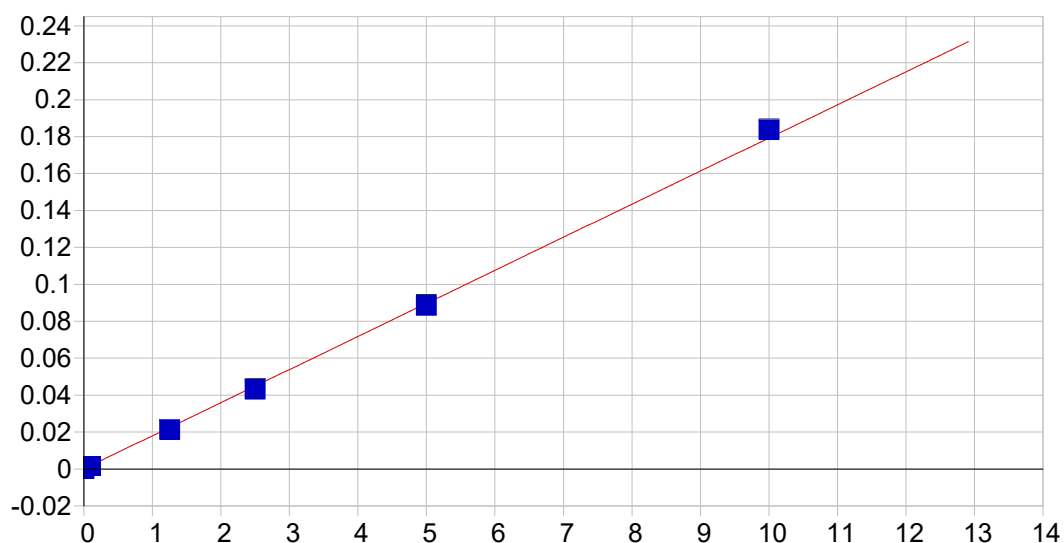


Mo 202.030 {467}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001225 Re-Slope: 1.000000
 A1 (Gain): 0.370040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998115 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.000429
 Predicted MQL: 0.001431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00122	.000	1
S1	.01000	.01249	.002	24.9	.00585	.000	1
S2	1.2500	1.3591	.109	8.73	.50415	.000	1
S3	2.5000	2.6429	.143	5.71	.97919	.002	1
S4	5.0000	5.3164	.316	6.33	1.9685	.002	1
S5	10.000	9.4292	-.571	-5.71	3.4904	.006	1

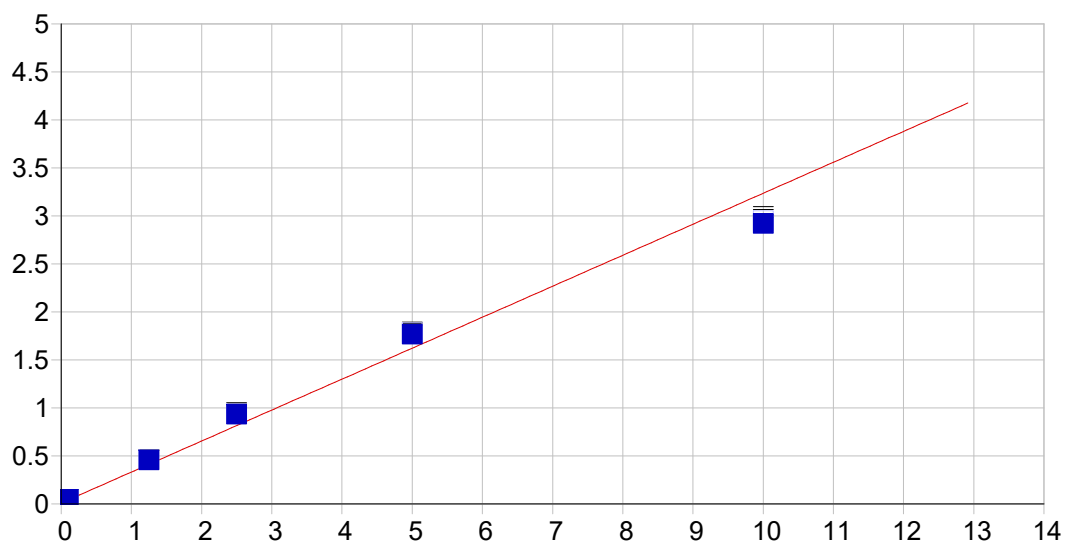


S 182.034 {485}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.017919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999584 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.005024
 Predicted MQL: 0.016748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00008	.000	1
S1	.10000	.08634	-.014	-13.7	.00163	.000	1
S2	1.2500	1.1859	-.064	-5.13	.02138	.000	1
S3	2.5000	2.4030	-.097	-3.88	.04324	.000	1
S4	5.0000	4.9317	-.068	-1.37	.08864	.000	1
S5	10.000	10.243	.243	2.43	.18401	.000	1

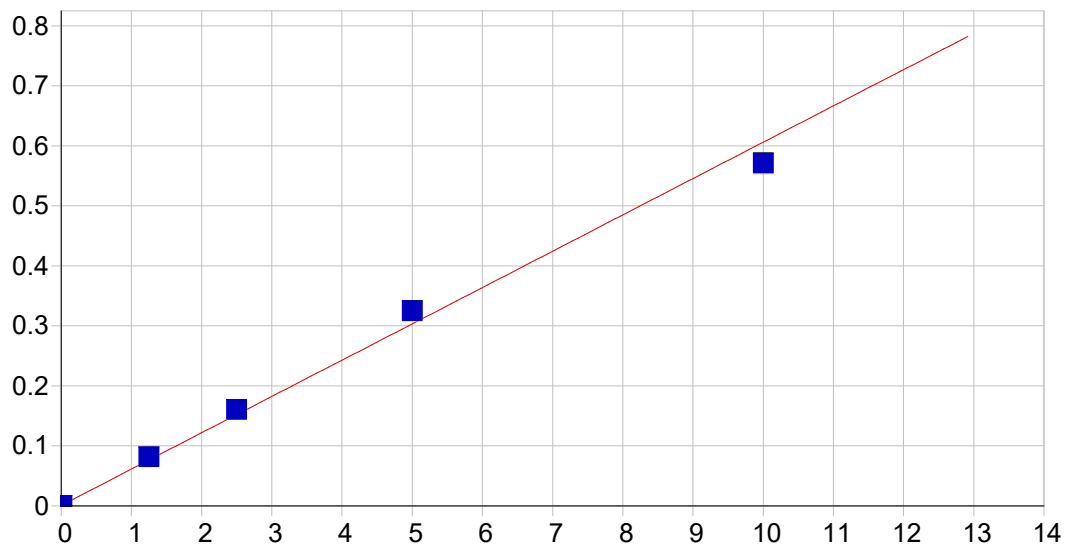


Si 251.611 {134}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009156 Re-Slope: 1.000000
 A1 (Gain): 0.322636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994602 Status: OK.
 Std Error of Est: 0.001804
 Predicted MDL: 0.001363
 Predicted MQL: 0.004542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00914	.000	1
S1	.10000	.12192	.022	21.9	.04861	.001	1
S2	1.2500	1.3832	.133	10.7	.45900	.003	1
S3	2.5000	2.8670	.367	14.7	.94129	.010	1
S4	5.0000	5.4523	.452	9.05	1.7825	.008	1
S5	10.000	9.0256	-.974	-9.74	2.9497	.042	1

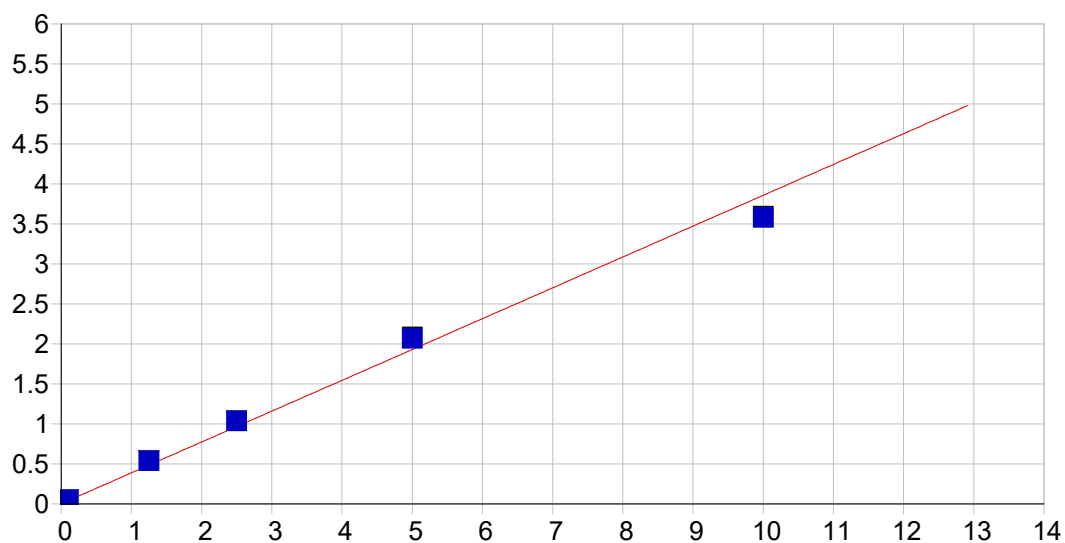


Sn 189.989 {478}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000791	Re-Slope:	1.000000
A1 (Gain):	0.060521	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998045	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.001494		
Predicted MQL:	0.004980		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.00700	.00496	-.002	-29.2	.00108	.000	1
S2	1.2500	1.3374	.087	6.99	.08157	.000	1
S3	2.5000	2.6353	.135	5.41	.15997	.000	1
S4	5.0000	5.3584	.358	7.17	.32446	.000	1
S5	10.000	9.4209	-.579	-5.79	.56969	.001	1

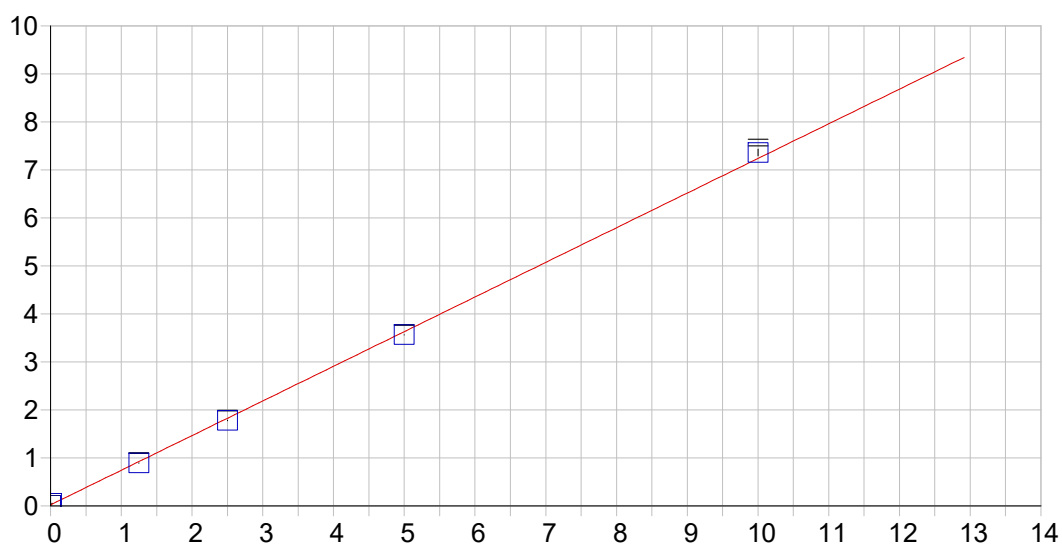


Ti 336.121 {100}

Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002738 Re-Slope: 1.000000
 A1 (Gain): 0.385445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996856 Status: OK.
 Std Error of Est: 0.001627
 Predicted MDL: 0.001511
 Predicted MQL: 0.005038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00272	.000	1
S1	.10000	.13117	.031	31.2	.05329	.000	1
S2	1.2500	1.3990	.149	11.9	.54180	.001	1
S3	2.5000	2.6828	.183	7.31	1.0365	.003	1
S4	5.0000	5.3597	.360	7.19	2.0679	.014	1
S5	10.000	9.2773	-.723	-7.23	3.5773	.016	1

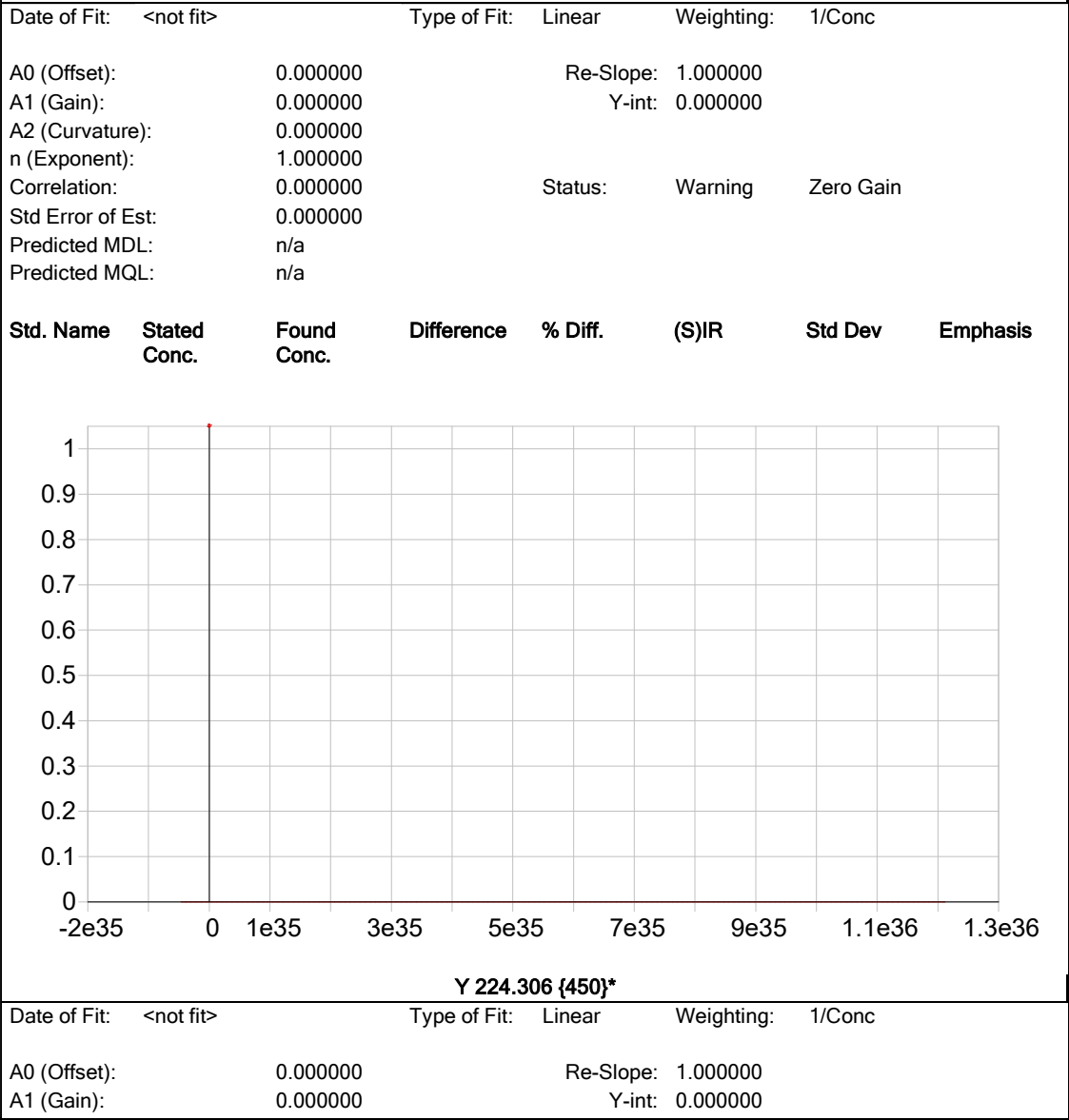
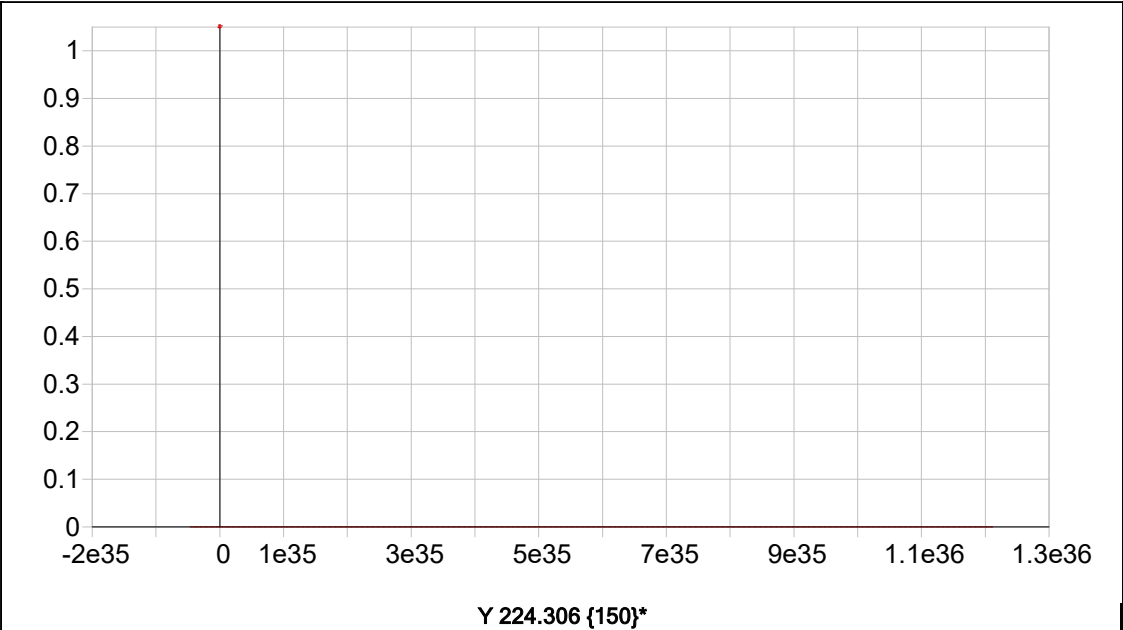


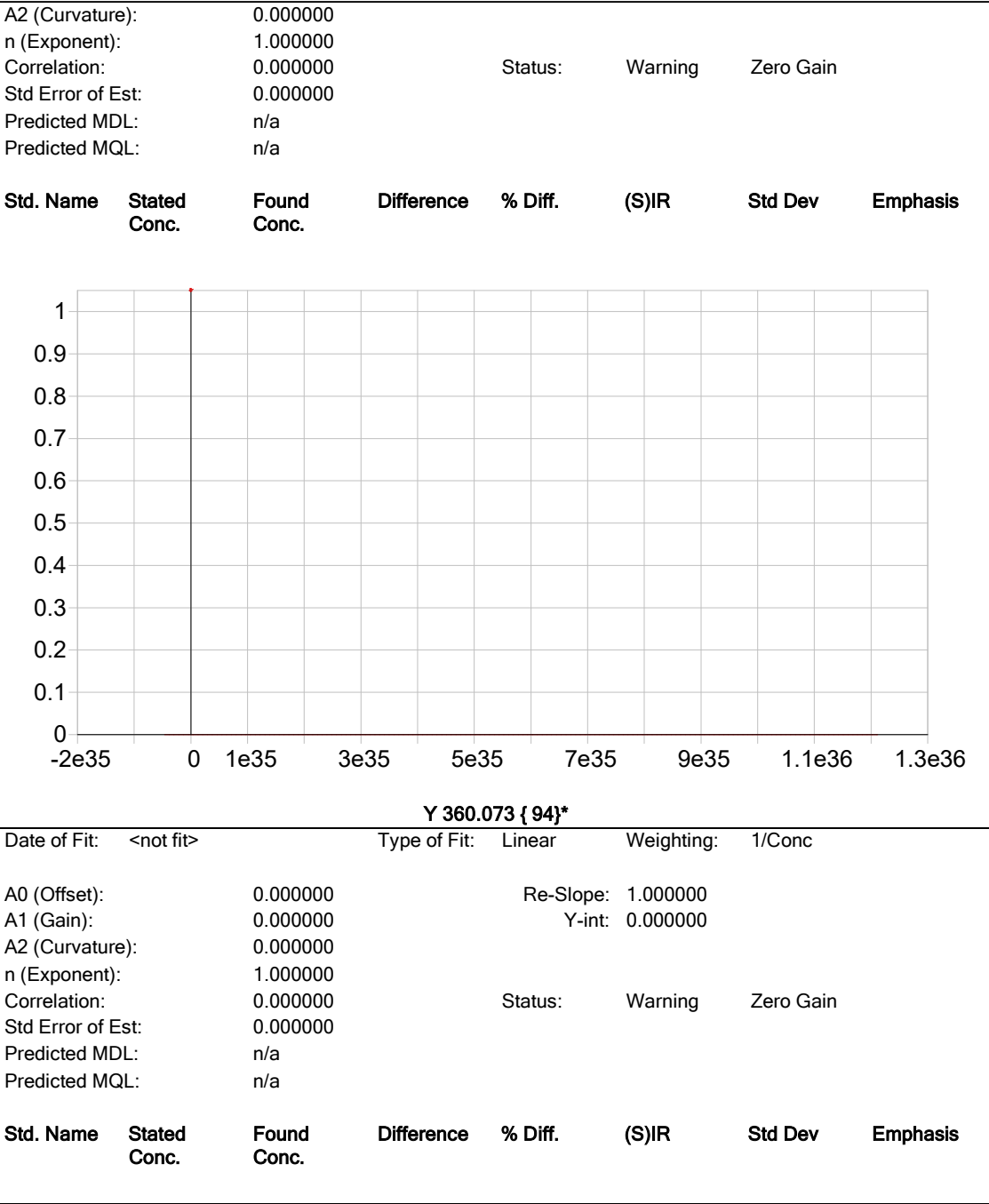
Li 670.784 { 50}

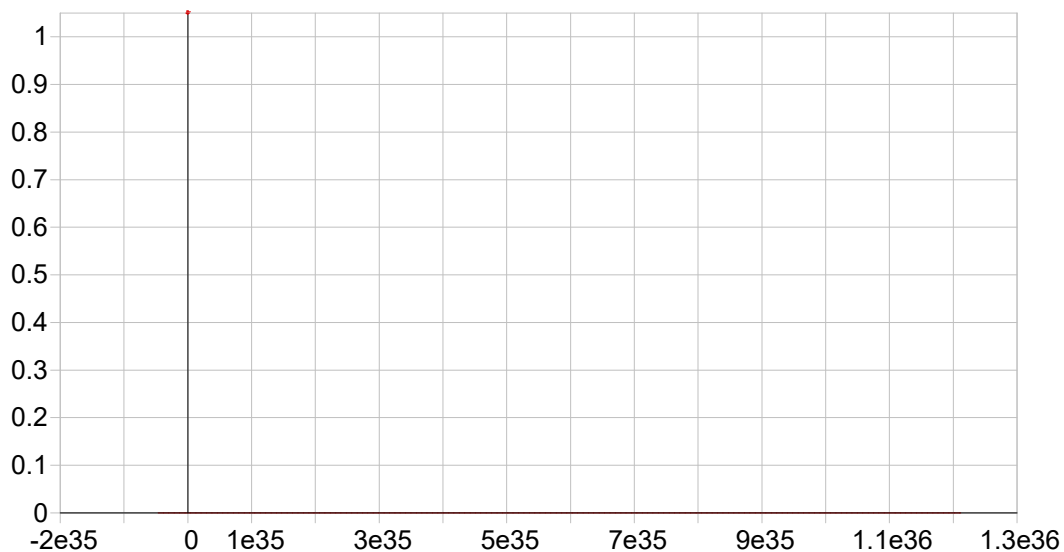
Date of Fit: 05/01/2019 12:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021684 Re-Slope: 1.000000
 A1 (Gain): 0.721743 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998237 Status: OK.
 Std Error of Est: 0.000881
 Predicted MDL: 0.002066
 Predicted MQL: 0.006888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02166	.000	1
S5	10.000	10.170	.170	1.70	7.3620	.072	1
S4	5.0000	4.9084	-.092	-1.83	3.5643	.002	1
S3	2.5000	2.4366	-.063	-2.54	1.7803	.008	1
S2	1.2500	1.2051	-.045	-3.59	.89147	.005	1
S1	.01500	.04462	.030	197.	.05389	.001	1



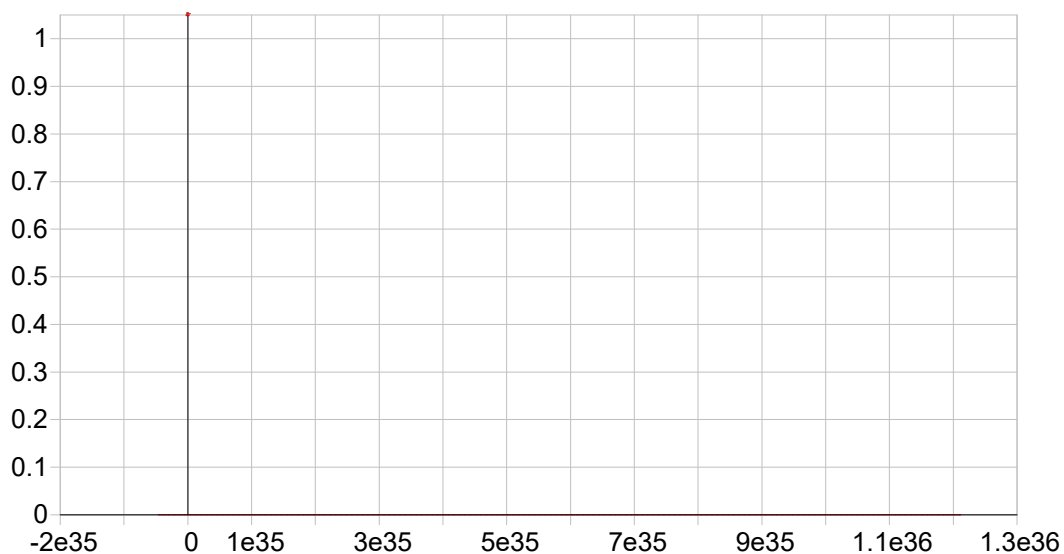




Y 371.030 { 91}*

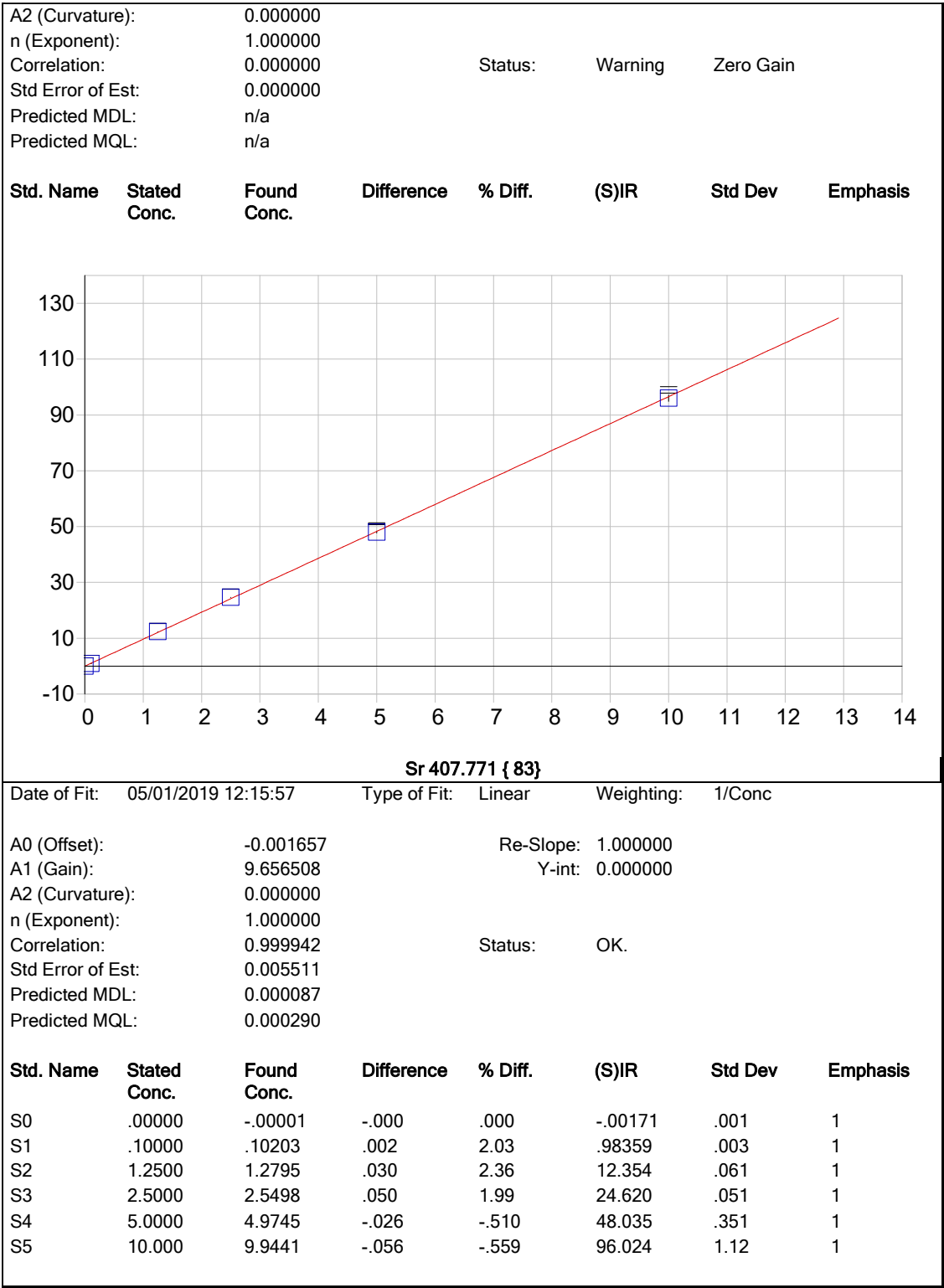
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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: CCB097 Acquired: 05/01/2019 13:44:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001743	-.001117	.0006564	.0016468	-.000573	.0041578	.0005276
Stddev	.002589	.000933	.0014917	.0019018	.000718	.0063382	.0005453
%RSD	148.5202	83.54689	227.2484	115.4831	125.3574	152.4412	103.3461

#1	-.004293	-.000353	-.001064	.0006777	-.001389	.0113784	.0003499
#2	-.001819	-.000841	.001446	.0004248	-.000293	.0015825	.0000934
#3	.000883	-.002157	.001587	.0038379	-.000037	-.000487	.0011396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	-.000098	.0027614	-.000175	-.000134	.0059950	.0020919
Stddev	.000143	.000029	.0174734	.000097	.000250	.0003633	.0026934
%RSD	111.5726	29.30197	632.7732	55.56098	186.0960	6.060403	128.7534

#1	-.000072	-.000094	.0169411	-.000117	-.000165	.0064121	.0011824
#2	-.000291	-.000129	.0081022	-.000121	-.000367	.0058261	.0051224
#3	-.000022	-.000072	-.016759	-.000287	.000130	.0057470	-.000029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001090	.0059092	.0004865	-.000157	-.111163	-.000694	-.004080
Stddev	.0003564	.0255229	.0003129	.000240	.139001	.001477	.001568
%RSD	326.8454	431.9178	64.32172	152.7088	125.0423	212.7003	38.43310

#1	-.000174	-.022914	.0008350	-.000420	.049154	-.000532	-.002279
#2	.000509	.025645	.0002298	.000049	-.198026	-.002246	-.005138
#3	-.000009	.014997	.0003947	-.000100	-.184617	.000695	-.004824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1805662	-.001735	.0013134	.0006799	.0020430	-.014466	-.001945
Stddev	.0437458	.001954	.0016674	.0004050	.0057866	.001636	.001253
%RSD	24.22698	112.5905	126.9496	59.55892	283.2365	11.30934	64.42661

#1	.1709783	-.002364	.0025109	.0010357	.0038318	-.014900	-.001303
#2	.1424097	.000456	-.000591	.0002392	-.004427	-.015842	-.001143
#3	.2283107	-.003297	.002020	.0007648	.006724	-.012657	-.003389

Sample Name: CCB097 Acquired: 05/01/2019 13:44:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015295	.0029371	.0000558
Stddev	.0004600	.0024256	.0000493
%RSD	30.07783	82.58629	88.43863

#1	.0010705	.0050315	.0000333
#2	.0015276	.0002793	.0000217
#3	.0019906	.0035005	.0001124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.643	4110.222	40689.29	8128.618	4712.701
Stddev	15.474	6.723	73.79	40.140	9.838
%RSD	.7341697	.1635613	.1813607	.4938081	.2087640

#1	2125.117	4114.457	40774.41	8122.569	4721.624
#2	2102.134	4113.738	40650.09	8171.439	4714.328
#3	2095.678	4102.470	40643.36	8091.847	4702.151

	Pos ID	Rack	Row	Col	Type	SampleName	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV		ICV		
2	2	1	2	1	Unk	ICB		ICB		
3	3	1	3	1	Unk	ICSA		ICSA		
4	4	1	4	1	Unk	ICSAB		ICSAB		
5	5	1	5	1	Unk	CCV096		CCV096		
6	6	1	6	1	Unk	CCB096		CCB096		
7	7	1	7	1	Unk	PB119289BL		PBW289		
8	8	1	8	1	Unk	PB119289BS		LCS289		
9	9	1	9	1	Unk	K2595-01		MJLHQ0		
10	10	1	10	1	Unk	K2595-02		MJLHQ1		
11	11	1	11	1	Unk	K2595-03		MJLHQ2		
12	12	1	12	1	Unk	K2595-04		MJLHQ3		
13	13	1	1	2	Unk	K2595-05		MJLHQ3D		
14	14	1	2	2	Unk	K2595-06		MJLHQ3S		
15	15	1	3	2	Unk	K2595-04LX5		MJLHQ3L		
16	16	1	4	2	Unk	K2595-07		MJLHQ4		
17	17	1	5	2	Unk	K2595-08		MJLHQ5		
18	18	1	6	2	Unk	K2595-09		MJLHQ7		
19	19	1	7	2	Unk	K2595-10		MJLHQ8		
20	20	1	8	2	Unk	K2595-11		MJLHQ9		
21	21	1	9	2	Unk	K2595-12		MJLHR1		
22	22	1	10	2	Unk	K2595-13		MJLHR2		
23	23	1	11	2	Unk	CCV097		CCV097		
24	24	1	12	2	Unk	CCB097		CCB097		

	CorrFact	Check	Check Table	Fail Action
1	1	X	ICV1	---
2	1	X	ICB,CCB,PBW,PBS	---
3	1	X	ICSA2	---
4	1	X	ICSAB2	---
5	1	X	CCV1	---
6	1	X	ICB,CCB,PBW,PBS	---
7	1	X	ICB,CCB,PBW,PBS	---
8	1	X	LCSS,LCSW	---
9	1	X	LR WITH 6 POINT	---
10	1	X	LR WITH 6 POINT	---
11	1	X	LR WITH 6 POINT	---
12	1	X	LR WITH 6 POINT	---
13	1	X	LR WITH 6 POINT	---
14	1	X	LR WITH 6 POINT	---
15	1	X	LR WITH 6 POINT	---
16	1	X	LR WITH 6 POINT	---
17	1	X	LR WITH 6 POINT	---
18	1	X	LR WITH 6 POINT	---
19	1	X	LR WITH 6 POINT	---
20	1	X	LR WITH 6 POINT	---
21	1	X	LR WITH 6 POINT	---
22	1	X	LR WITH 6 POINT	---
23	1	X	CCV1	---
24	1	X	ICB,CCB,PBW,PBS	---

Sample Name: S0 Acquired: 05/01/2019 11:39:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	-.00045	-.00084	.00049	.00066	.00084	.00593	.00747	-.00313
Stddev	.00008	.00004	.00015	.00007	.00019	.00050	.00102	.00026
%RSD	17.644	4.7387	30.904	10.628	22.329	8.3532	13.638	8.3206
#1	-.00038	-.00081	.00031	.00066	.00086	.00544	.00851	-.00294
#2	-.00053	-.00089	.00058	.00059	.00065	.00643	.00647	-.00303
#3	-.00043	-.00083	.00057	.00073	.00102	.00591	.00741	-.00343
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	.00023	.00073	.00015	-.00022	.00341	.00128	.00121	-.00005
Stddev	.00008	.00017	.00013	.00019	.00040	.00035	.00053	.00009
%RSD	34.429	23.284	82.060	89.324	11.580	27.350	43.913	181.41
#1	.00016	.00055	.00020	-.00034	.00360	.00133	.00114	.00001
#2	.00021	.00088	.00001	.00001	.00296	.00160	.00177	-.00001
#3	.00032	.00075	.00025	-.00031	.00368	.00091	.00071	-.00016
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	-.00170	-.00099	-.00457	.00040	.01072	.01997	-.00086	.00504
Stddev	.00009	.00007	.00067	.00015	.00087	.00054	.00008	.00031
%RSD	5.2775	7.0785	14.659	37.906	8.1511	2.7083	9.4360	6.1375
#1	-.00175	-.00101	-.00397	.00023	.00989	.01935	-.00083	.00469
#2	-.00160	-.00091	-.00446	.00046	.01163	.02020	-.00079	.00518
#3	-.00175	-.00104	-.00529	.00052	.01063	.02035	-.00095	.00526
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	.00122	.00008	.00914	.00079	.00272	.02166	-.00171	
Stddev	.00012	.00009	.00030	.00006	.00031	.00045	.00094	
%RSD	9.8677	113.77	3.2872	7.0155	11.452	2.0599	55.055	
#1	.00128	-.00002	.00889	.00084	.00301	.02115	-.00159	
#2	.00131	.00016	.00906	.00080	.00275	.02192	-.00270	
#3	.00109	.00010	.00947	.00073	.00239	.02193	-.00083	

Sample Name: S0 Acquired: 05/01/2019 11:39:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	2136.5	4146.9	41168.	8268.8	4820.4
Stddev	16.6	5.9	271.	91.7	6.0
%RSD	.77538	.14240	.65845	1.1095	.12436
#1	2139.3	4140.2	41388.	8331.5	4819.8
#2	2151.4	4151.5	41250.	8163.5	4826.7
#3	2118.6	4149.0	40865.	8311.4	4814.7

Sample Name: S1 Acquired: 05/01/2019 11:43:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	-.00011	.00063	.00214	.00212	.00823	.02138	.66228	.02038
Stddev	.00003	.00008	.00011	.00004	.00007	.00038	.00673	.00051
%RSD	28.193	12.845	5.2054	1.7243	.83486	1.8005	1.0158	2.4785
#1	-.00013	.00057	.00218	.00210	.00816	.02118	.65750	.01987
#2	-.00013	.00072	.00202	.00216	.00830	.02182	.65938	.02088
#3	-.00008	.00060	.00223	.00210	.00824	.02114	.66998	.02039
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	.01063	.33255	.00220	.03741	.00865	.00473	.01305	.05719
Stddev	.00011	.00216	.00002	.00008	.00021	.00023	.00043	.00003
%RSD	1.0357	.64926	1.0690	.20752	2.3924	4.8487	3.2854	.05011
#1	.01070	.33108	.00219	.03737	.00888	.00447	.01255	.05722
#2	.01069	.33154	.00223	.03735	.00856	.00484	.01332	.05720
#3	.01050	.33503	.00219	.03749	.00850	.00488	.01327	.05716
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	.02151	.00258	.01869	.00629	.03450	.11808	-.00057	.00829
Stddev	.00025	.00008	.00141	.00022	.00034	.00036	.00003	.00022
%RSD	1.1637	3.0242	7.5357	3.4451	.98042	.30333	5.7929	2.6263
#1	.02173	.00261	.01984	.00613	.03415	.11806	-.00057	.00841
#2	.02124	.00264	.01712	.00621	.03454	.11773	-.00055	.00842
#3	.02155	.00249	.01911	.00654	.03482	.11844	-.00061	.00804
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	.00585	.00163	.04861	.00108	.05329	.05389	.98359	
Stddev	.00005	.00005	.00082	.00009	.00049	.00078	.00337	
%RSD	.78805	3.0453	1.6968	8.3428	.92055	1.4482	.34309	
#1	.00590	.00166	.04789	.00117	.05302	.05338	.98298	
#2	.00581	.00165	.04842	.00108	.05299	.05350	.98056	
#3	.00584	.00157	.04951	.00099	.05385	.05479	.98723	

Sample Name: S1 Acquired: 05/01/2019 11:43:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	2127.9	4146.9	41181.	8337.7	4832.0
Stddev	19.3	9.4	205.	27.2	11.3
%RSD	.90816	.22680	.49707	.32591	.23318
#1	2107.3	4137.9	40944.	8346.3	4823.0
#2	2145.6	4156.7	41297.	8359.6	4844.6
#3	2130.8	4146.0	41301.	8307.3	4828.3

Sample Name: S2 Acquired: 05/01/2019 11:47:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.04697	.08487	1.1114	.05399	.15585	2.8524	8.3168	.61724
Stddev	.00016	.00041	.0011	.00009	.00077	.0043	.0238	.00408
%RSD	.33731	.48182	.09795	.16069	.49253	.15080	.28560	.66032

#1	.04712	.08496	1.1125	.05408	.15609	2.8557	8.3387	.61362
#2	.04680	.08442	1.1103	.05391	.15499	2.8475	8.2915	.61645
#3	.04699	.08523	1.1115	.05399	.15646	2.8539	8.3201	.62165

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	1.3893	4.1074	.76904	.47950	.75923	1.2440	2.9635	.70017
Stddev	.0023	.0178	.00123	.00156	.00133	.0039	.0146	.00333
%RSD	.16365	.43341	.15930	.32494	.17532	.31411	.49169	.47602

#1	1.3910	4.1081	.76886	.48074	.76024	1.2451	2.9634	.69759
#2	1.3868	4.0892	.76792	.47775	.75772	1.2397	2.9490	.69898
#3	1.3902	4.1248	.77035	.48000	.75972	1.2472	2.9782	.70393

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	.34618	.10679	.16480	.07087	1.4900	.74434	.04300	.41424
Stddev	.00038	.00058	.00042	.00017	.0062	.00074	.00042	.00179
%RSD	.11092	.54692	.25479	.24586	.41612	.09959	.97149	.43182

#1	.34621	.10673	.16499	.07080	1.4965	.74383	.04345	.41286
#2	.34578	.10740	.16510	.07074	1.4893	.74400	.04262	.41359
#3	.34654	.10624	.16432	.07107	1.4842	.74519	.04292	.41626

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	.50415	.02138	.45900	.08157	.54180	.89147	12.354
Stddev	.00018	.00008	.00269	.00012	.00148	.00543	.061
%RSD	.03612	.39736	.58552	.14204	.27306	.60892	.49150

#1	.50433	.02140	.45684	.08151	.54283	.89035	12.370
#2	.50397	.02129	.45816	.08151	.54011	.88669	12.287
#3	.50415	.02145	.46201	.08171	.54247	.89737	12.405

Sample Name: S2 Acquired: 05/01/2019 11:47:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	2072.3	4016.1	41056.	8275.6	4563.8
Stddev	4.6	3.2	104.	46.9	2.3
%RSD	.22257	.07876	.25255	.56670	.04933
#1	2077.4	4017.0	41072.	8323.4	4565.0
#2	2071.3	4012.6	40945.	8273.7	4561.2
#3	2068.3	4018.7	41151.	8229.7	4565.3

Sample Name: S3 Acquired: 05/01/2019 11:51:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.09467	.16936	2.2281	.10513	.30812	5.7052	16.570	1.2332
Stddev	.00028	.00027	.0006	.00035	.00106	.0111	.062	.0118
%RSD	.29824	.16123	.02808	.33758	.34525	.19384	.37373	.95247

#1	.09495	.16967	2.2279	.10502	.30920	5.6924	16.514	1.2249
#2	.09438	.16918	2.2288	.10552	.30708	5.7121	16.561	1.2466
#3	.09467	.16922	2.2276	.10484	.30809	5.7110	16.636	1.2279

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7598	8.1632	1.5102	.96363	1.4894	2.4478	5.8384	1.4047
Stddev	.0009	.0297	.0026	.00023	.0041	.0064	.0169	.0037
%RSD	.03272	.36412	.17190	.02414	.27334	.26246	.28915	.26264

#1	2.7587	8.1289	1.5104	.96338	1.4857	2.4404	5.8193	1.4005
#2	2.7602	8.1822	1.5127	.96384	1.4938	2.4518	5.8512	1.4057
#3	2.7603	8.1784	1.5075	.96368	1.4886	2.4513	5.8448	1.4077

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	.69193	.22024	.33058	.13987	2.9422	1.4824	.08780	.81594
Stddev	.00167	.00102	.00102	.00098	.0270	.0022	.00005	.01019
%RSD	.24082	.46270	.30770	.69896	.91883	.15082	.05157	1.2484

#1	.69285	.21967	.32941	.13874	2.9582	1.4829	.08775	.81008
#2	.69001	.22142	.33108	.14037	2.9110	1.4799	.08780	.82770
#3	.69293	.21964	.33125	.14049	2.9574	1.4843	.08784	.81005

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	.97919	.04324	.94129	.15997	1.0365	1.7803	24.620
Stddev	.00165	.00021	.01032	.00045	.0030	.0084	.051
%RSD	.16878	.48068	1.0964	.27896	.28720	.47338	.20525

#1	.97944	.04332	.93425	.15950	1.0341	1.7705	24.663
#2	.97743	.04300	.95314	.16002	1.0398	1.7851	24.633
#3	.98071	.04339	.93649	.16038	1.0356	1.7851	24.565

Sample Name: S3 Acquired: 05/01/2019 11:51:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	2006.8	3881.4	40103.	8097.7	4348.6
Stddev	17.2	5.8	132.	28.6	6.0
%RSD	.85814	.14851	.32949	.35295	.13785
#1	1992.0	3886.8	39968.	8113.2	4355.5
#2	2025.7	3882.2	40232.	8064.8	4344.4
#3	2002.7	3875.3	40109.	8115.3	4345.9

Sample Name: S4 Acquired: 05/01/2019 11:55:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.18931	.33025	4.4428	.20960	.61059	11.363	32.562	2.3956
Stddev	.00057	.00068	.0091	.00050	.00071	.046	.115	.0076
%RSD	.29940	.20559	.20429	.23635	.11555	.40838	.35190	.31701

#1	.18935	.32956	4.4323	.21001	.61136	11.417	32.692	2.3891
#2	.18985	.33028	4.4476	.20974	.61044	11.337	32.522	2.4039
#3	.18872	.33091	4.4484	.20905	.60998	11.336	32.474	2.3938

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	5.4210	16.016	2.9089	1.9033	2.9031	4.7220	11.345	2.7681
Stddev	.0037	.073	.0065	.0027	.0086	.0207	.049	.0096
%RSD	.06772	.45653	.22295	.14406	.29687	.43722	.42980	.34698

#1	5.4168	16.100	2.9164	1.9009	2.9131	4.7457	11.400	2.7791
#2	5.4222	15.977	2.9050	1.9028	2.8986	4.7084	11.308	2.7613
#3	5.4239	15.971	2.9054	1.9063	2.8977	4.7118	11.327	2.7639

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	1.3581	.44036	.65675	.27324	5.9459	2.9382	.17871	1.6640
Stddev	.0008	.00348	.00184	.00274	.0474	.0099	.00044	.0090
%RSD	.06048	.79002	.28081	1.0039	.79809	.33610	.24460	.53877

#1	1.3580	.44172	.65866	.27637	5.9881	2.9268	.17824	1.6670
#2	1.3590	.44296	.65497	.27123	5.8945	2.9441	.17910	1.6711
#3	1.3573	.43641	.65662	.27214	5.9552	2.9437	.17878	1.6539

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	1.9685	.08864	1.7825	.32446	2.0679	3.5643	48.035	
Stddev	.0018	.00045	.0079	.00028	.0141	.0021	.351	
%RSD	.08895	.51189	.44194	.08684	.68072	.05868	.73042	

#1	1.9685	.08819	1.7770	.32466	2.0841	3.5619	47.824	
#2	1.9702	.08910	1.7916	.32414	2.0616	3.5652	47.841	
#3	1.9667	.08864	1.7791	.32458	2.0581	3.5658	48.440	

Sample Name: S4 Acquired: 05/01/2019 11:55:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	1900.3	3693.4	39297.	7996.7	4086.0
Stddev	18.7	13.1	144.	32.7	7.2
%RSD	.98237	.35440	.36543	.40916	.17605
#1	1911.0	3685.0	39167.	8022.8	4082.3
#2	1911.2	3686.8	39451.	8007.2	4081.5
#3	1878.7	3708.5	39273.	7960.0	4094.3

Sample Name: S6 Acquired: 05/01/2019 12:03:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	63.532	54.569	25.476	9.8681	3.7716
Stddev	1.466	.675	.133	.0636	.0270
%RSD	2.3077	1.2371	.52348	.64414	.71636

#1	62.259	53.937	25.323	9.7947	3.7410
#2	63.201	54.490	25.566	9.9064	3.7920
#3	65.135	55.280	25.540	9.9031	3.7818

Int. Std.	Y_3710
Units	Cts/S
Avg	7707.3
Stddev	80.3
%RSD	1.0417

#1	7788.7
#2	7704.9
#3	7628.2

Sample Name: S5 Acquired: 05/01/2019 11:58:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.38862	.65015	8.9903	.41053	1.2490	23.215	64.738	4.7261
Stddev	.00148	.00197	.0025	.00106	.0026	.101	1.062	.0599
%RSD	.38077	.30249	.02764	.25713	.20388	.43653	1.6401	1.2665

#1	.38833	.64844	8.9877	.40939	1.2466	23.320	65.922	4.7897
#2	.38731	.64973	8.9905	.41072	1.2488	23.117	63.871	4.6708
#3	.39023	.65230	8.9926	.41147	1.2517	23.209	64.420	4.7179

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	10.807	31.901	5.6655	3.8539	5.7857	9.2881	22.386	5.5898
Stddev	.012	.295	.0111	.0029	.0122	.0633	.211	.0417
%RSD	.11228	.92334	.19559	.07620	.21086	.68118	.94469	.74527

#1	10.797	32.183	5.6665	3.8508	5.7879	9.3550	22.607	5.6322
#2	10.804	31.595	5.6760	3.8567	5.7967	9.2291	22.186	5.5489
#3	10.821	31.924	5.6539	3.8541	5.7726	9.2803	22.363	5.5884

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	2.7208	.90096	1.3304	.54212	12.472	6.0016	.36813	2.8244
Stddev	.0016	.00587	.0116	.00306	.056	.0198	.00148	.0391
%RSD	.05964	.65106	.87392	.56386	.44721	.32969	.40273	1.3835

#1	2.7205	.90129	1.3428	.54556	12.416	5.9789	.36761	2.8635
#2	2.7193	.89494	1.3198	.53972	12.528	6.0106	.36697	2.7854
#3	2.7225	.90665	1.3286	.54107	12.472	6.0152	.36980	2.8245

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	3.4904	.18401	2.9497	.56969	3.5773	7.3620	96.024	
Stddev	.0064	.00021	.0421	.00062	.0160	.0715	1.118	
%RSD	.18289	.11590	1.4258	.10899	.44832	.97166	1.1639	

#1	3.4844	.18406	2.9936	.56926	3.5954	7.4237	97.271	
#2	3.4896	.18377	2.9097	.56941	3.5648	7.2836	95.112	
#3	3.4971	.18418	2.9458	.57041	3.5717	7.3787	95.690	

Sample Name: S5 Acquired: 05/01/2019 11:58:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	1741.4	3425.1	38218.	7830.2	3773.1
Stddev	3.7	6.9	103.	79.3	6.3
%RSD	.21082	.20247	.27067	1.0125	.16645
#1	1745.6	3430.4	38337.	7743.7	3775.8
#2	1739.6	3427.7	38152.	7899.4	3777.5
#3	1738.9	3417.3	38164.	7847.5	3765.9

Sample Name: ICV Acquired: 05/01/2019 12:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.9154838	.9747360	.9307182	.9674645	.9699136	2.372028
Stddev	.0016390	.0005189	.0042350	.0012946	.0059752	.014606
%RSD	.1790354	.0532309	.4550203	.1338177	.6160510	.6157630

#1	.9166712	.9742462	.9320709	.9662072	.9679920	2.379768
#2	.9136138	.9752798	.9259721	.9687935	.9651357	2.381135
#3	.9161665	.9746822	.9341115	.9673928	.9766132	2.355181

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4931766	.4769418	.4654935	9.757387	.5200716	.4912779
Stddev	.0016080	.0062843	.0005163	.037262	.0020812	.0006535
%RSD	.3260437	1.317616	.1109123	.3818885	.4001803	.1330166

#1	.4932109	.4698274	.4649499	9.720841	.5190018	.4911314
#2	.4947672	.4792618	.4655535	9.795326	.5187428	.4907100
#3	.4915518	.4817363	.4659772	9.755994	.5224701	.4919921

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5322720	5.131484	.4925319	5.637081	.5056049	.4696064
Stddev	.0029254	.028817	.0027777	.036200	.0016419	.0044282
%RSD	.5496111	.5615757	.5639705	.6421733	.3247375	.9429528

#1	.5316472	5.117141	.4901951	5.596184	.5051250	.4735537
#2	.5354593	5.112652	.4956030	5.665012	.5042565	.4704475
#3	.5297094	5.164658	.4917976	5.650047	.5074333	.4648180

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.587588	.5057635	.9421311	9.440987	F .0015656	F -.001387
Stddev	.320997	.0021217	.0087907	.141033	.0026052	.001216
%RSD	3.348050	.4195062	.9330669	1.493838	166.4082	87.71613

#1	9.867041	.5081936	.9518707	9.327929	-.000527	-.002787
#2	9.658737	.5048179	.9397374	9.396007	.000740	-.000782
#3	9.236985	.5042790	.9347851	9.599023	.004484	-.000591

Sample Name: ICV Acquired: 05/01/2019 12:07:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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 -.001466	F .0031551	F -.005625	F -.001760	F -.001463	F .0080874
Stddev	.000101	.0013108	.001021	.001684	.000405	.0015741
%RSD	6.906791	41.54594	18.14830	95.65677	27.68881	19.46344
#1	-.001438	.0046667	-.005951	-.003208	-.001007	.0082609
#2	-.001579	.0024676	-.004480	-.002160	-.001779	.0095676
#3	-.001383	.0023312	-.006442	.000087	-.001604	.0064338

Elem	Sr4077
Units	ppm
Avg	F .0115016
Stddev	.0000702
%RSD	.6106659
#1	.0114225
#2	.0115569
#3	.0115253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.738	4154.514	41414.16	8374.842	4784.505
Stddev	20.209	5.272	427.97	42.267	4.448
%RSD	.9493369	.1268955	1.033380	.5046900	.0929684
#1	2108.517	4160.563	40983.72	8422.615	4789.380
#2	2128.763	4150.899	41419.14	8342.308	4780.666
#3	2148.935	4152.080	41839.61	8359.603	4783.471

Sample Name: ICB Acquired: 05/01/2019 12:11:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	-.001287	-.000582	.0002265	.0020910	-.001370	.0049969	.0000601
Stddev	.001772	.002035	.0005459	.0021967	.001489	.0127303	.0003444
%RSD	137.6252	349.7339	241.0299	105.0537	108.7101	254.7649	572.9959

#1	.000731	-.001149	.0007402	.0043364	.000315	.0175052	.0004102
#2	-.002007	.001676	-.000347	.0019900	-.001915	-.007944	-.000278
#3	-.002586	-.002272	.000286	-.000053	-.002509	.005430	.000048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000043	-.001771	-.000526	-.000112	.0092650	.0003746
Stddev	.000034	.000075	.006812	.000194	.000101	.0005740	.0133843
%RSD	121.1682	173.6565	384.7016	36.78801	89.96302	6.194790	3573.414

#1	-.000028	-.000108	-.000686	-.000552	.000004	.0092893	.0106699
#2	.000006	-.000059	-.009060	-.000706	-.000172	.0086793	-.014755
#3	-.000063	.000038	.004433	-.000321	-.000169	.0098264	.005209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004420	-.022533	.0004932	.0004182	.2944880	.0009160	-.020145
Stddev	.0000581	.010263	.0002622	.0004025	.2261868	.0026305	.002297
%RSD	13.15490	45.54513	53.15827	96.23541	76.80680	287.1629	11.40252

#1	.0004107	-.022048	.0007012	.0001941	.2759213	.0032757	-.017569
#2	.0005091	-.033030	.0005797	.0008829	.5293859	.0013926	-.020884
#3	.0004063	-.012522	.0001987	.0001777	.0781568	-.001920	-.021981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1644947	-.001477	-.002333	-.001424	-.002276	-.011042	-.004272
Stddev	.0718186	.001253	.001337	.000326	.002404	.001437	.001042
%RSD	43.66010	84.79048	57.33083	22.87283	105.6388	13.01286	24.39128

#1	.1249988	-.001157	-.001249	-.001799	-.001490	-.010098	-.004875
#2	.1210924	-.000416	-.003827	-.001213	-.000363	-.010332	-.004873
#3	.2473930	-.002859	-.001922	-.001260	-.004975	-.012695	-.003069

Sample Name: ICB Acquired: 05/01/2019 12:11:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.0002069	.0011852	.0000097
Stddev	.0006240	.0010047	.0001033
%RSD	301.6855	84.77252	1069.144

#1	.0008553	.0012760	.0000459
#2	.0001546	.0001381	-.000107
#3	-.000389	.0021414	.000090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.347	4139.376	40999.31	8226.047	4721.284
Stddev	7.854	2.832	92.91	27.063	3.288
%RSD	.3700623	.0684110	.2266029	.3289920	.0696409

#1	2120.522	4140.133	40969.36	8195.387	4718.191
#2	2130.953	4136.243	41103.49	8236.144	4720.926
#3	2115.566	4141.752	40925.06	8246.610	4724.737

Sample Name: ICSA Acquired: 05/01/2019 12:19:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.0037347	.0032051	.0048116	-.014449	.0022220	257.9714
Stddev	.0009710	.0040014	.0013606	.003491	.0015077	.5925
%RSD	25.99777	124.8452	28.27663	24.15681	67.85419	.2296713

#1	.0030038	.0047801	.0040174	-.012120	.0024428	258.2057
#2	.0048365	.0061793	.0063826	-.018463	.0006161	257.2976
#3	.0033639	-.001344	.0040348	-.012766	.0036072	258.4110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065769	.0013462	.0010347	260.0772	.0538479	.0009817
Stddev	.0001957	.0001115	.0001205	1.1127	.0004631	.0004780
%RSD	2.975458	8.283117	11.64975	.4278230	.8600470	48.69290

#1	.0063841	.0012542	.0011502	260.1026	.0541892	.0014344
#2	.0065713	.0013142	.0010443	258.9520	.0533207	.0010287
#3	.0067754	.0014702	.0009097	261.1769	.0540337	.0004819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029183	106.1284	.0152748	265.8676	-.001004	-.003478
Stddev	.0023185	.3128	.0003113	.7301	.000214	.000148
%RSD	79.44703	.2947442	2.037867	.2746157	21.32225	4.259977

#1	.0046177	105.9310	.0149191	265.4903	-.001103	-.003642
#2	.0002771	105.9651	.0154972	265.4034	-.001151	-.003439
#3	.0038603	106.4891	.0154081	266.7092	-.000758	-.003354

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080047	.0028569	-.019547	.0200240	F .0087768	F -.106489
Stddev	.197346	.0021825	.001449	.0767565	.0034684	.001879
%RSD	246.5370	76.39657	7.410922	383.3231	39.51789	1.764835

#1	.071027	.0046236	-.019644	-.030710	.0049412	-.104475
#2	-.007841	.0004171	-.018052	-.017546	.0116925	-.108197
#3	-.303327	.0035298	-.020944	.108328	.0096967	-.106795

Sample Name: ICSA Acquired: 05/01/2019 12:19:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	-.000752	F .0003428	F -.013110	-.006134	F -.002770	W .0026658
Stddev	.000765	.0031347	.001196	.000250	.001261	.0014582
%RSD	101.7840	914.3291	9.126195	4.073507	45.51443	54.70061

#1	.000129	-.001444	-.013216	-.006408	-.002738	.0012228
#2	-.001132	.003962	-.011864	-.006073	-.001525	.0026358
#3	-.001252	-.001490	-.014249	-.005920	-.004046	.0041387

Elem	Sr4077
Units	ppm
Avg	F .1084341
Stddev	.0003310
%RSD	.3052327

#1	.1087493
#2	.1080893
#3	.1084637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.411	3849.863	39059.06	7988.953	4182.892
Stddev	12.871	7.552	84.70	41.143	6.407
%RSD	.6469782	.1961718	.2168610	.5150034	.1531647

#1	1979.052	3849.883	38962.45	8015.116	4183.161
#2	2003.820	3857.406	39120.58	8010.215	4189.160
#3	1985.362	3842.301	39094.15	7941.529	4176.355

Sample Name: ICSAB Acquired: 05/01/2019 12:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	.1049149	.1166656	.0582454	.0399528	.6718720	250.8160
Stddev	.0049987	.0029771	.0002184	.0042263	.0035612	1.5215
%RSD	4.764484	2.551812	.3748938	10.57813	.5300368	.6066002

#1	.0997319	.1200933	.0582489	.0419607	.6680085	251.5383
#2	.1053068	.1151781	.0580254	.0428009	.6725842	251.8418
#3	.1097061	.1147254	.0584620	.0350969	.6750232	249.0680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5725576	.5533595	1.051382	253.7487	.6355089	.5576832
Stddev	.0046371	.0013626	.001894	2.7247	.0012939	.0019423
%RSD	.8098945	.2462427	.1800962	1.073763	.2036004	.3482722

#1	.5729917	.5546759	1.049881	254.5501	.6363887	.5564804
#2	.5769624	.5534478	1.050755	255.9828	.6361148	.5566452
#3	.5677187	.5519550	1.053509	250.7132	.6340233	.5599239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5740892	103.6898	.5645333	259.0185	1.122483	.2198744
Stddev	.0016745	.7806	.0052987	2.1920	.002656	.0013816
%RSD	.2916864	.7528256	.9385967	.8462543	.2366535	.6283409

#1	.5753490	103.8071	.5660990	259.5400	1.120769	.2214624
#2	.5747297	104.4051	.5688727	260.9027	1.121137	.2192127
#3	.5721890	102.8572	.5586282	256.6129	1.125543	.2189481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.295794	.5612046	1.056474	-.053032	F .0120663	F -.103805
Stddev	.119438	.0026784	.012957	.064392	.0012294	.003357
%RSD	40.37877	.4772623	1.226427	121.4214	10.18887	3.234186

#1	-.178261	.5635647	1.049403	-.069096	.0116273	-.107015
#2	-.292071	.5617556	1.071428	-.107871	.0134550	-.100318
#3	-.417051	.5582936	1.048590	.017872	.0111167	-.104082

Sample Name: ICSAB Acquired: 05/01/2019 12:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) 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	-0.001323	F -0.001586	F -0.013234	F -0.007809	F -0.004093	W -0.002133
Stddev	.000784	.006773	.000565	.000960	.001611	.001055
%RSD	59.25363	427.1257	4.271688	12.29647	39.35261	49.44424
#1	-0.001574	-0.008541	-0.013385	-0.008178	-0.004222	-0.002911
#2	-0.000445	-0.001207	-0.012609	-0.008530	-0.002422	-0.002555
#3	-0.001951	.004990	-0.013709	-0.006719	-0.005635	-0.000933

Elem	Sr4077
Units	ppm
Avg	F .1047724
Stddev	.0003608
%RSD	.3443842
#1	.1049921
#2	.1049691
#3	.1043560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.244	3879.115	39645.42	8048.469	4200.425
Stddev	17.526	7.136	316.04	65.301	3.116
%RSD	.8709445	.1839499	.7971641	.8113421	.0741798
#1	2011.081	3884.989	39347.37	8018.200	4201.670
#2	1995.329	3871.174	39612.09	8003.795	4196.879
#3	2030.322	3881.180	39976.80	8123.412	4202.726

Sample Name: CCV096 Acquired: 05/01/2019 12:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971288	4.972483	25.20398	4.844767	4.902475	407.9908
Stddev	.006649	.025941	.14029	.002486	.018141	4.3548
%RSD	.1337436	.5216977	.5566253	.0513030	.3700302	1.067373

#1	4.965471	4.991416	25.22403	4.845543	4.888795	409.3727
#2	4.969857	4.942914	25.05473	4.846772	4.923053	411.4870
#3	4.978536	4.983119	25.33316	4.841986	4.895577	403.1128

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08278	.4956500	2.520685	412.9997	15.36864	2.553896
Stddev	.06662	.0057929	.009231	2.9521	.02746	.010255
%RSD	.6607222	1.168756	.3662043	.7147939	.1786883	.4015358

#1	10.06890	.4912780	2.522078	411.3358	15.36461	2.557545
#2	10.15525	.5022204	2.510838	416.4081	15.39790	2.542316
#3	10.02420	.4934518	2.529141	411.2551	15.34342	2.561827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08458	415.7767	14.86365	410.7946	2.527218	1.282015
Stddev	.04010	1.3660	.09113	1.4780	.001387	.009437
%RSD	.2658234	.3285299	.6131260	.3597890	.0548782	.7361385

#1	15.12724	415.3769	14.81615	410.0912	2.525681	1.281788
#2	15.07885	417.2980	14.96872	412.4929	2.527600	1.291564
#3	15.04766	414.6554	14.80607	409.7996	2.528375	1.272693

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.7517	2.493961	15.14845	153.5475	5.162593	F 6.925029
Stddev	2.4508	.010957	.13017	.5316	.018972	.085302
%RSD	.5824833	.4393291	.8593036	.3462369	.3674938	1.231792

#1	420.3618	2.493980	15.25284	153.4536	5.177839	6.860647
#2	423.3741	2.504908	15.00260	154.1198	5.141346	7.021777
#3	418.5192	2.482995	15.18990	153.0690	5.168594	6.892663

Sample Name: CCV096 Acquired: 05/01/2019 12:27:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.891787	5.207381	F 6.831152	F 7.249886	F 7.110749	5.053683
Stddev	.007644	.037166	.081920	.029437	.027216	.037495
%RSD	.1109085	.7137204	1.199217	.4060403	.3827431	.7419308
#1	6.883012	5.214289	6.764504	7.264179	7.105280	5.032587
#2	6.896995	5.167245	6.922610	7.216031	7.140284	5.096974
#3	6.895354	5.240608	6.806343	7.269449	7.086682	5.031489

Elem	Sr4077
Units	ppm
Avg	4.938766
Stddev	.039042
%RSD	.7905131
#1	4.983766
#2	4.918601
#3	4.913930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.561	3582.771	38132.24	7971.002	3799.409
Stddev	17.372	9.656	208.98	18.958	9.552
%RSD	.9469070	.2695145	.5480478	.2378370	.2514006
#1	1819.628	3580.050	37891.16	7974.209	3789.376
#2	1853.626	3574.767	38243.65	7950.645	3808.393
#3	1830.429	3593.495	38261.92	7988.153	3800.458

Sample Name: CCB096 Acquired: 05/01/2019 12:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001701	-.000491	.0007162	.0009485	.0001074	.0035542	.0006919
Stddev	.002090	.000633	.0009713	.0007577	.0014693	.0020789	.0004092
%RSD	122.8421	128.9615	135.6231	79.88862	1367.972	58.49128	59.13520

#1	-.003948	-.001072	.0016397	.0017030	-.001529	.0047321	.0010467
#2	-.001341	.000184	.0008055	.0001876	.000537	.0047768	.0007848
#3	.000185	-.000585	-.000297	.0009548	.001314	.0011539	.0002443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000125	.0000264	.0188429	.0001555	-.000211	.0086666	.0115664
Stddev	.000045	.0000797	.0084716	.0006019	.000210	.0026546	.0046226
%RSD	36.29589	302.4443	44.95894	387.0007	99.35474	30.63027	39.96593

#1	-.000075	-.000043	.0233273	.0003060	-.000273	.0107390	.0158684
#2	-.000135	.000008	.0090718	.0006680	.000023	.0095864	.0121520
#3	-.000164	.000114	.0241297	-.000507	-.000382	.0056744	.0066789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003625	-.008704	-.000132	.0004286	.1352324	.0002091	-.020558
Stddev	.0004973	.014626	.000467	.0001874	.0895830	.0029626	.002005
%RSD	137.1978	168.0343	353.3945	43.71560	66.24370	1417.195	9.751052

#1	-.000196	.005158	-.000202	.0003767	.0328770	.0024921	-.020269
#2	.000528	-.007281	-.000560	.0006365	.1993573	.0012739	-.018713
#3	.000756	-.023989	.000366	.0002727	.1734631	-.003139	-.022691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1146211	-.000407	.0055172	-.000383	-.000553	-.013350	-.000540
Stddev	.0432770	.002008	.0005810	.000233	.005848	.000726	.000695
%RSD	37.75660	493.2116	10.53025	60.89089	1057.828	5.436071	128.6652

#1	.1591742	-.002157	.0060704	-.000239	-.006909	-.013127	-.000670
#2	.0727444	.001784	.0055692	-.000258	.004601	-.014161	.000210
#3	.1119445	-.000848	.0049120	-.000652	.000649	-.012762	-.001162

Sample Name: CCB096 Acquired: 05/01/2019 12:31:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB096 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003883	.0011681	.0000240
Stddev	.0000238	.0023484	.0001011
%RSD	6.122906	201.0431	421.4363

#1	.0004143	.0029509	.0001297
#2	.0003831	-.001493	-.000072
#3	.0003676	.002046	.000014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.615	4137.599	40788.39	8271.795	4714.742
Stddev	17.248	8.099	115.88	3.943	7.929
%RSD	.8125952	.1957455	.2841038	.0476724	.1681642

#1	2106.561	4140.504	40678.99	8268.889	4719.217
#2	2140.850	4143.845	40909.82	8276.283	4719.422
#3	2120.433	4128.448	40776.37	8270.211	4705.588

Sample Name: PB119289BL Acquired: 05/01/2019 12:35:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW289 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008708	.0020740	-.000946	-.003200	-.001736	.0286409
Stddev	.0030062	.0005744	.001345	.003691	.002276	.0086041
%RSD	345.2333	27.69711	142.2415	115.3345	131.0865	30.04135

#1	.0016069	.0014802	-.002464	-.000515	-.004355	.0380633
#2	-.002435	.0021148	.000098	-.001677	-.000233	.0212012
#3	.003441	.0026269	-.000471	-.007409	-.000621	.0266583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	.0001132	-.000138	.0039950	-.001075	.0000685
Stddev	.000166	.0000999	.000007	.0045715	.000230	.0002298
%RSD	188.8615	88.27935	4.987235	114.4294	21.39578	335.6087

#1	-.000276	.0001066	-.000136	.0053489	-.001232	-.000095
#2	.000035	.0000167	-.000146	-.001100	-.000811	.000331
#3	-.000022	.0002163	-.000132	.007737	-.001181	-.000031

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002978	-.034141	-.001078	-.004465	.0004781	-.000069
Stddev	.000698	.006638	.000136	.023023	.0001030	.000317
%RSD	23.44446	19.44407	12.58948	515.5966	21.54023	460.7035

#1	-.002702	-.039378	-.001178	.013484	.0005664	.000121
#2	-.003771	-.026675	-.001133	.003542	.0003649	-.000434
#3	-.002460	-.036369	-.000924	-.030423	.0005029	.000107

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009023	.0013490	-.023808	-.622683	-.001047	-.009167
Stddev	.237001	.0018241	.001164	.048123	.001179	.001200
%RSD	2626.559	135.2171	4.889494	7.728262	112.5978	13.08748

#1	.188917	.0013513	-.022611	-.661538	-.002368	-.008999
#2	.055665	.0031719	-.024936	-.637656	-.000104	-.008059
#3	-.271652	-.000476	-.023875	-.568853	-.000668	-.010441

Sample Name: PB119289BL Acquired: 05/01/2019 12:35:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW289 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.002092	.0007513	-0.015186	F -0.008813	.0008816	F -0.021484
Stddev	.000108	.0040096	.001339	.001063	.0007958	.001331
%RSD	5.148805	533.6717	8.814573	12.06425	90.26623	6.193330

#1	-0.002000	-0.003041	-0.014150	-0.007677	.0016067	-.020122
#2	-0.002066	.000347	-0.014709	-0.008978	.0010081	-.022780
#3	-0.002210	.004948	-0.016697	-0.009785	.0000302	-.021551

Elem	Sr4077
Units	ppm
Avg	.0000241
Stddev	.0001073
%RSD	444.9287

#1	-0.000049
#2	-0.000026
#3	.000147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.078	4406.096	43237.65	8566.159	4996.975
Stddev	4.858	3.954	86.52	42.323	3.061
%RSD	.2158173	.0897297	.2000966	.4940779	.0612572

#1	2254.324	4409.109	43290.75	8590.047	4993.970
#2	2245.493	4407.560	43284.39	8591.137	5000.089
#3	2253.417	4401.620	43137.82	8517.292	4996.866

Sample Name: PB119289BS Acquired: 05/01/2019 12:39:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS289 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194627	.0445925	.0183317	.0680045	.1110098	.3820039
Stddev	.0024434	.0010118	.0007125	.0023373	.0011456	.0104583
%RSD	12.55446	2.269032	3.886645	3.437028	1.031984	2.737750

#1	.0222702	.0456715	.0190734	.0706281	.1121599	.3851405
#2	.0183014	.0436649	.0176525	.0672409	.1098687	.3703363
#3	.0178165	.0444411	.0182692	.0661444	.1110007	.3905351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3196972	.0091695	.0084726	7.994032	.0200385	.0868342
Stddev	.0013480	.0001332	.0000682	.076357	.0003513	.0001758
%RSD	.4216322	1.452851	.8052147	.9551768	1.753262	.2024466

#1	.3185411	.0093182	.0084168	7.922095	.0202709	.0869291
#2	.3211778	.0091290	.0084525	8.074150	.0196344	.0869422
#3	.3193728	.0090612	.0085486	7.985852	.0202104	.0866314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443496	.1625647	.0292050	7.705668	.0739318	.0178074
Stddev	.0011429	.0055686	.0002664	.037491	.0003381	.0002495
%RSD	2.576928	3.425457	.9122826	.4865418	.4573542	1.401308

#1	.0450476	.1589393	.0294897	7.739124	.0736044	.0175256
#2	.0449705	.1689765	.0291635	7.665147	.0739111	.0178963
#3	.0430307	.1597783	.0289617	7.712733	.0742797	.0180003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.600978	.0929875	F .0814280	7.894264	.0144733	F .0140766
Stddev	.292889	.0011132	.0006336	.050761	.0028551	.0020667
%RSD	3.405302	1.197116	.7781361	.6430078	19.72692	14.68194

#1	8.872313	.0937526	.0807714	7.903031	.0166511	.0133370
#2	8.290476	.0934994	.0814766	7.839691	.0155280	.0164113
#3	8.640145	.0917104	.0820359	7.940071	.0112409	.0124814

Sample Name: PB119289BS Acquired: 05/01/2019 12:39:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS289 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204729	.1670201	.2116265	F .0094395	F .0000309	F .0653760
Stddev	.0002316	.0074640	.0005235	.0005737	.0015278	.0028771
%RSD	1.131280	4.468942	.2473595	6.078141	4950.217	4.400855
#1	.0202300	.1584824	.2116472	.0089373	.0015274	.0676643
#2	.0204975	.1723098	.2121394	.0093163	.0000915	.0663175
#3	.0206912	.1702682	.2110931	.0100648	-.001526	.0621461

Elem	Sr4077
Units	ppm
Avg	.1753600
Stddev	.0003881
%RSD	.2213077
#1	.1753500
#2	.1757530
#3	.1749770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.762	4345.743	42969.95	8605.767	5000.757
Stddev	.661	2.741	290.60	28.846	9.334
%RSD	.0295175	.0630649	.6762961	.3351994	.1866449
#1	2238.857	4344.355	43256.97	8638.895	4990.268
#2	2239.371	4348.900	42675.89	8592.201	5008.145
#3	2238.059	4343.975	42976.98	8586.204	5003.859

Sample Name: K2595-02 Acquired: 05/01/2019 12:48:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000637	.0010582	.0128175	-.002611	-.003768	7.260501	.0146768
Stddev	.001839	.0024022	.0009765	.001841	.000805	.032538	.0002281
%RSD	288.9321	227.0098	7.618181	70.53410	21.35323	.4481521	1.554104

#1	-.000332	.0032391	.0129531	-.002952	-.002843	7.238996	.0144152
#2	-.002609	.0014519	.0117803	-.004257	-.004303	7.297935	.0148343
#3	.001032	-.001517	.0137191	-.000622	-.004159	7.244573	.0147809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004685	.0491557	40.85909	.0000523	.0185416	4.502632	.9705778
Stddev	.0001328	.0000625	.29935	.0001751	.0000578	.013839	.0100671
%RSD	28.33837	.1270525	.7326310	335.0407	.3119905	.3073535	1.037225

#1	.0003248	.0490971	40.84705	-.000106	.0184977	4.491424	.9802589
#2	.0005865	.0492214	41.16428	.000022	.0186072	4.518100	.9601647
#3	.0004942	.0491485	40.56595	.000240	.0185199	4.498374	.9713098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.062197	9.225890	.0277976	.0005454	4.160837	.0006840	14.08423
Stddev	.011181	.027417	.0004475	.0005367	.341836	.0025962	.09139
%RSD	.5421760	.2971709	1.609834	98.41192	8.215562	379.5802	.6488465

#1	2.061229	9.225069	.0272836	-.000014	4.310023	.0019210	14.00438
#2	2.073830	9.253707	.0281007	.000595	3.769764	.0024304	14.18390
#3	2.051531	9.198892	.0280084	.001056	4.402723	-.002299	14.06441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005600	.0161862	-.007008	-.002396	76.38021	16.34857	-.012820
Stddev	.050223	.0017753	.000941	.000312	.22444	.11777	.000971
%RSD	896.7711	10.96811	13.42792	13.01473	.2938445	.7203780	7.572595

#1	-.023395	.0166815	-.008093	-.002522	76.12217	16.29187	-.013494
#2	.051097	.0142158	-.006413	-.002625	76.48831	16.48396	-.013258
#3	-.044503	.0176612	-.006518	-.002041	76.53014	16.26987	-.011707

Sample Name: K2595-02 Acquired: 05/01/2019 12:48:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009674	-.017959	.0708260
Stddev	.0006069	.001074	.0000776
%RSD	62.73059	5.980607	.1094921

#1	.0016531	-.016938	.0707466
#2	.0004995	-.017861	.0708297
#3	.0007495	-.019079	.0709016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.639	4443.944	44355.58	8897.756	4962.725
Stddev	15.533	7.172	111.57	46.055	5.141
%RSD	.6745784	.1613774	.2515326	.5176059	.1035901

#1	2316.246	4436.866	44237.20	8908.499	4956.815
#2	2285.715	4451.205	44370.77	8847.278	4966.162
#3	2305.954	4443.761	44458.78	8937.490	4965.199

Sample Name: K2595-01 Acquired: 05/01/2019 12:44:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000782	.0010454	.0091480	-.002981	-.003692	1.041342	.0183625
Stddev	.002890	.0015390	.0005938	.000671	.001904	.003521	.0003133
%RSD	369.7170	147.2159	6.490831	22.51465	51.55281	.3380747	1.706282

#1	-.002114	.0020299	.0085511	-.002401	-.003163	1.038987	.0180012
#2	-.002766	-.000728	.0097386	-.003716	-.005805	1.045389	.0185274
#3	.002535	.001835	.0091541	-.002825	-.002110	1.039650	.0185590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002918	.0203021	28.85022	-.000292	.0029516	2.720181	-.050602
Stddev	.0001470	.0000533	.20913	.000514	.0001722	.006242	.004698
%RSD	50.37267	.2623769	.7248803	176.2236	5.835263	.2294739	9.283626

#1	.0002377	.0202783	28.61964	-.000859	.0028891	2.719302	-.045697
#2	.0004582	.0202649	28.90338	.000144	.0028193	2.726816	-.055060
#3	.0001796	.0203631	29.02764	-.000160	.0031463	2.714424	-.051050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5984073	6.843972	.0230550	.0002752	3.803103	-.000545	6.274748
Stddev	.0032737	.032615	.0001243	.0000754	.317649	.002534	.027615
%RSD	.5470624	.4765514	.5392254	27.39240	8.352375	464.7449	.4400903

#1	.5953096	6.807274	.0231042	.0002324	4.060743	.002375	6.251796
#2	.5980799	6.854997	.0229136	.0003623	3.900375	-.002165	6.267054
#3	.6018323	6.869647	.0231472	.0002310	3.448192	-.001845	6.305394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046312	.0085514	-.005132	-.002250	39.12479	12.52807	-.012601
Stddev	.022771	.0002460	.000939	.000111	.15800	.04744	.000826
%RSD	49.16941	2.876850	18.29798	4.917167	.4038335	.3786882	6.551911

#1	-.062300	.0083184	-.005545	-.002166	38.95144	12.47472	-.012307
#2	-.020240	.0085273	-.005793	-.002208	39.16219	12.56553	-.011963
#3	-.056397	.0088086	-.004057	-.002375	39.26073	12.54395	-.013534

Sample Name: K2595-01 Acquired: 05/01/2019 12:44:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001329	-.022386	.0550593
Stddev	.000175	.002349	.0002371
%RSD	13.16296	10.49190	.4305644

#1	-.001260	-.019852	.0548788
#2	-.001528	-.024490	.0549713
#3	-.001199	-.022817	.0553278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.183	4399.251	44051.64	8749.273	4995.500
Stddev	23.154	3.165	440.70	116.759	3.133
%RSD	1.014996	.0719527	1.000408	1.334498	.0627250

#1	2305.081	4395.663	44560.25	8879.198	4996.033
#2	2258.853	4400.440	43811.52	8653.130	4998.333
#3	2279.615	4401.649	43783.15	8715.492	4992.134

Sample Name: K2595-04 Acquired: 05/01/2019 12:56:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003799	.0003383	.0054276	-.001928	-.002695	.3781231	.0532900
Stddev	.001071	.0009465	.0012357	.001541	.000793	.0070130	.0011190
%RSD	28.19023	279.7864	22.76720	79.91497	29.41794	1.854677	2.099766

#1	-.004016	-.000752	.0051812	-.000172	-.003131	.3847848	.0520183
#2	-.002636	.000825	.0043337	-.003053	-.001780	.3708050	.0537278
#3	-.004745	.000943	.0067680	-.002559	-.003175	.3787794	.0541239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000649	.0111916	17.63899	-.000605	.0030275	.8048975	-.037781
Stddev	.0000962	.0000920	.16980	.000504	.0000676	.0038657	.001083
%RSD	148.2094	.8223569	.9626374	83.28670	2.234326	.4802660	2.866693

#1	-.000043	.0112073	17.46342	-.001100	.0029885	.8043040	-.037440
#2	.000142	.0112748	17.65121	-.000620	.0031056	.8013630	-.038994
#3	.000096	.0110928	17.80236	-.000094	.0029884	.8090256	-.036909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4254459	4.168796	.0090354	.0000840	3.153675	.0012155	3.523967
Stddev	.0060182	.024730	.0005315	.0001873	.148314	.0024771	.006462
%RSD	1.414572	.5932199	5.882882	222.8923	4.702895	203.7955	.1833641

#1	.4196287	4.163902	.0084358	.0002976	3.295116	.0038171	3.528998
#2	.4250621	4.146879	.0092216	.0000073	2.999331	-.001115	3.526223
#3	.4316468	4.195607	.0094488	-.000053	3.166577	.000944	3.516680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.326926	.0026699	-.008892	-.001878	20.73663	10.32373	-.010006
Stddev	.103179	.0014311	.000777	.000250	.10230	.15707	.001512
%RSD	31.56034	53.60199	8.741361	13.29051	.4933295	1.521465	15.11476

#1	-.428261	.0039823	-.009110	-.001855	20.62643	10.16567	-.008681
#2	-.221997	.0028835	-.008029	-.002138	20.82857	10.32571	-.009683
#3	-.330520	.0011440	-.009537	-.001641	20.75489	10.47980	-.011653

Sample Name: K2595-04 Acquired: 05/01/2019 12:56:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001412	-.021571	.0317933
Stddev	.001441	.001623	.0000509
%RSD	102.0847	7.525777	.1602017

#1	-.002635	-.020043	.0317546
#2	-.001778	-.023275	.0317743
#3	.000177	-.021394	.0318510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.505	4359.421	43237.62	8708.157	4979.641
Stddev	7.475	15.367	321.44	82.831	7.977
%RSD	.3357146	.3525118	.7434236	.9511909	.1601872

#1	2223.687	4361.996	43003.29	8798.020	4980.481
#2	2220.850	4373.338	43105.51	8691.589	4987.164
#3	2234.980	4342.929	43604.07	8634.862	4971.277

Sample Name: K2595-05 Acquired: 05/01/2019 13:00:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001691	.0018277	.0063847	-.003459	-.002849	.3799336	.0528321
Stddev	.002861	.0019037	.0007208	.002012	.000431	.0110098	.0004217
%RSD	169.1767	104.1576	11.28977	58.16488	15.13008	2.897831	.7981254

#1	.001194	.0031853	.0069577	-.005727	-.003301	.3910155	.0523479
#2	-.004527	.0026460	.0066211	-.001887	-.002802	.3689973	.0530294
#3	-.001740	-.000348	.0055754	-.002764	-.002443	.3797877	.0531189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0111688	17.69310	-.000207	.0030680	.8065196	-.028072
Stddev	.000087	.0000541	.23812	.000303	.0000876	.0019844	.008135
%RSD	446.8938	.4840855	1.345822	146.5650	2.854444	.2460414	28.97854

#1	-.000091	.0111726	17.74485	.000099	.0030035	.8085580	-.035899
#2	-.000044	.0111129	17.43336	-.000212	.0031677	.8045940	-.028657
#3	.000077	.0112208	17.90109	-.000507	.0030329	.8064068	-.019661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4268487	4.178863	.0090699	.0001323	3.162777	.0017907	3.529402
Stddev	.0047035	.040784	.0003833	.0002582	.212018	.0017060	.024627
%RSD	1.101915	.9759625	4.225687	195.1228	6.703547	95.26876	.6977799

#1	.4277446	4.168543	.0094755	.0001238	2.945575	.0037055	3.547592
#2	.4217616	4.144230	.0090203	.0003947	3.173556	.0004327	3.501377
#3	.4310398	4.223816	.0087138	-.000122	3.369200	.0012339	3.539237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.330880	.0031100	-.009625	-.001974	20.65092	10.31889	-.010285
Stddev	.008166	.0007721	.001686	.000349	.02405	.06466	.001871
%RSD	2.467954	24.82495	17.51949	17.69323	.1164404	.6266540	18.19099

#1	-.339160	.0022540	-.008982	-.002072	20.64094	10.31799	-.011934
#2	-.322832	.0037537	-.008355	-.002263	20.67835	10.25468	-.010671
#3	-.330649	.0033223	-.011539	-.001586	20.63348	10.38399	-.008252

Sample Name: K2595-05 Acquired: 05/01/2019 13:00:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000027	-.020751	.0316302
Stddev	.001544	.000751	.0001083
%RSD	5803.224	3.618467	.3424480

#1	-.001753	-.021350	.0316724
#2	.001224	-.019909	.0317110
#3	.000449	-.020995	.0315071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.031	4338.655	42749.92	8655.421	4966.024
Stddev	13.821	7.372	18.84	67.011	5.275
%RSD	.6242290	.1699222	.0440727	.7742125	.1062246

#1	2213.946	4346.745	42750.44	8682.897	4972.108
#2	2227.894	4332.316	42730.82	8704.327	4962.722
#3	2200.253	4336.904	42768.49	8579.038	4963.243

Sample Name: K2595-06 Acquired: 05/01/2019 13:04:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378896	.0526945	.0258466	.0085527	.1042682	2.306825	2.093397
Stddev	.0015299	.0008514	.0007596	.0027909	.0011211	.014974	.017952
%RSD	4.037677	1.615704	2.938911	32.63135	1.075188	.6491284	.8575358

#1	.0367972	.0521692	.0254241	.0072324	.1053387	2.300412	2.080104
#2	.0372334	.0536768	.0267236	.0117588	.1031026	2.323937	2.113818
#3	.0396380	.0522376	.0253923	.0066670	.1043632	2.296125	2.086269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513997	.0604595	17.16805	.2184882	.5144635	1.068546	1.023824
Stddev	.0002385	.0001156	.21462	.0009967	.0010134	.001287	.008129
%RSD	.4640656	.1911660	1.250129	.4561618	.1969875	.1204849	.7940172

#1	.0514685	.0605715	17.05032	.2195797	.5133579	1.067548	1.020488
#2	.0511343	.0603407	17.41577	.2182583	.5146840	1.069999	1.033091
#3	.0515962	.0604662	17.03804	.2176266	.5153484	1.068091	1.017893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9265005	4.074036	.5367273	.0490151	3.377527	.5161716	3.932917
Stddev	.0097011	.037249	.0003642	.0004039	.204859	.0053180	.039516
%RSD	1.047065	.9143048	.0678480	.8240464	6.065364	1.030283	1.004738

#1	.9191404	4.047594	.5368489	.0485977	3.415871	.5105073	3.900096
#2	.9374937	4.116636	.5370151	.0490435	3.560504	.5210577	3.976778
#3	.9228674	4.057879	.5363179	.0494040	3.156204	.5169498	3.921876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.269143	.0034981	-.009394	-.001904	20.25019	10.30607	-.011036
Stddev	.052930	.0007310	.001287	.000269	.05321	.05596	.001888
%RSD	19.66616	20.89750	13.69585	14.11915	.2627837	.5429431	17.10750

#1	-.281870	.0028817	-.008831	-.001693	20.25016	10.35197	-.013094
#2	-.314548	.0043057	-.008486	-.001812	20.19700	10.24374	-.010631
#3	-.211009	.0033070	-.010867	-.002206	20.30342	10.32250	-.009384

Sample Name: K2595-06 Acquired: 05/01/2019 13:04:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ3S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001276	-.021091	.0311212
Stddev	.000922	.002600	.0000878
%RSD	72.26482	12.32635	.2819883

#1	-.000213	-.024019	.0310261
#2	-.001863	-.019054	.0311990
#3	-.001750	-.020200	.0311386

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.888	4309.582	42845.05	8654.395	4932.895
Stddev	22.724	8.266	146.43	44.012	10.435
%RSD	1.021795	.1918152	.3417715	.5085477	.2115350

#1	2246.346	4309.264	43005.32	8695.236	4935.003
#2	2200.908	4318.003	42718.24	8607.782	4942.115
#3	2224.408	4301.480	42811.60	8660.166	4921.568

Sample Name: K2595-04LX5 Acquired: 05/01/2019 13:08:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001297	-.000024	.0007252	-.000867	-.000435	.0778701	.0109769
Stddev	.005058	.001400	.0003261	.001240	.000458	.0031464	.0005445
%RSD	389.9431	5737.694	44.96526	143.0249	105.4795	4.040595	4.959991

#1	-.002767	-.001577	.0009780	.000562	.000093	.0813815	.0111102
#2	.004333	.000360	.0003571	-.001663	-.000662	.0753067	.0114423
#3	-.005458	.001144	.0008405	-.001500	-.000735	.0769221	.0103782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	.0022631	3.621888	-.000362	.0003555	.1667233	-.014338
Stddev	.000147	.0000061	.036900	.000222	.0002353	.0022182	.004984
%RSD	703.1422	.2696229	1.018810	61.41328	66.18973	1.330448	34.75706

#1	.000038	.0022674	3.580732	-.000594	.0003400	.1642727	-.012360
#2	-.000188	.0022658	3.652017	-.000150	.0005982	.1673038	-.020007
#3	.000088	.0022561	3.632917	-.000342	.0001283	.1685936	-.010647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874797	.8287724	.0017175	-.000009	.6950762	-.000308	.7052669
Stddev	.0011368	.0210542	.0005648	.000046	.1596438	.002967	.0109622
%RSD	1.299451	2.540412	32.88386	504.5323	22.96782	964.3700	1.554337

#1	.0861875	.8356008	.0010661	-.000045	.5355105	.001886	.6982812
#2	.0883254	.8455649	.0020703	-.000025	.8547980	-.003684	.7179014
#3	.0879264	.8051515	.0020162	.000043	.6949200	.000876	.6996181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025182	-.001473	-.010508	-.001119	4.203490	2.095503	-.006051
Stddev	.034075	.002601	.000247	.000051	.010062	.013720	.002087
%RSD	135.3127	176.6426	2.350680	4.590243	.2393656	.6547576	34.49245

#1	-.013876	-.001431	-.010223	-.001116	4.199815	2.093181	-.007828
#2	-.063473	.001108	-.010665	-.001172	4.195782	2.083091	-.003753
#3	.001802	-.004095	-.010636	-.001069	4.214872	2.110236	-.006571

Sample Name: K2595-04LX5 Acquired: 05/01/2019 13:08:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000233	-.008930	.0065315
Stddev	.000716	.000267	.0000158
%RSD	306.9819	2.988656	.2419226

#1	-.000155	-.008637	.0065214
#2	.000440	-.009160	.0065235
#3	-.000985	-.008993	.0065498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.032	4153.637	41051.68	8371.709	4741.690
Stddev	14.666	6.159	239.06	25.223	5.944
%RSD	.6944167	.1482827	.5823344	.3012930	.1253476

#1	2110.373	4148.845	40940.46	8389.590	4735.616
#2	2098.266	4151.483	40888.50	8382.679	4741.962
#3	2127.457	4160.584	41326.09	8342.858	4747.494

Sample Name: K2595-07 Acquired: 05/01/2019 13:12:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003037	.0006912	.0089617	-.002555	-.003962	3.495891	.0409979
Stddev	.001524	.0027808	.0022968	.002934	.000574	.010111	.0004580
%RSD	50.18412	402.3254	25.62965	114.8001	14.48591	.2892141	1.117258

#1	-.001296	.0037994	.0079350	-.005922	-.003437	3.490394	.0405218
#2	-.003686	-.001561	.0115928	-.001201	-.004575	3.507559	.0414355
#3	-.004130	-.000165	.0073572	-.000544	-.003874	3.489720	.0410365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002009	.0274546	25.38028	-.000661	.0111279	2.465787	.3138228
Stddev	.0000568	.0001214	.20367	.000325	.0001195	.005327	.0050514
%RSD	28.29204	.4422152	.8024792	49.22104	1.074149	.2160564	1.609640

#1	.0002510	.0275566	25.28929	-.000297	.0112654	2.463986	.3093509
#2	.0001391	.0273203	25.61359	-.000761	.0110486	2.461593	.3193020
#3	.0002126	.0274869	25.23797	-.000925	.0110696	2.471781	.3128157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307234	6.050160	.0167652	.0001343	3.464559	.0013895	8.004770
Stddev	.008577	.011740	.0004728	.0005248	.137449	.0025142	.024676
%RSD	.6561021	.1940490	2.819806	390.6846	3.967289	180.9459	.3082640

#1	1.301264	6.053172	.0168202	.0007391	3.359517	-.000871	8.028108
#2	1.317062	6.060100	.0162674	-.000202	3.620118	.000942	7.978945
#3	1.303375	6.037207	.0172081	-.000134	3.414042	.004098	8.007257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.219885	.0080654	-.009792	-.002016	42.28300	12.96181	-.011400
Stddev	.046931	.0013315	.000567	.000728	.02199	.09188	.000516
%RSD	21.34338	16.50903	5.792865	36.08462	.0520133	.7088563	4.524299

#1	-.166797	.0092671	-.010437	-.002781	42.30343	12.96324	-.011598
#2	-.237010	.0066340	-.009564	-.001937	42.25972	13.05296	-.010815
#3	-.255849	.0082951	-.009374	-.001332	42.28585	12.86922	-.011788

Sample Name: K2595-07 Acquired: 05/01/2019 13:12:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000295	-.020306	.0454594
Stddev	.000619	.002029	.0001436
%RSD	209.6246	9.993851	.3158452

#1	-.000444	-.021393	.0454028
#2	.000385	-.021560	.0453528
#3	-.000827	-.017965	.0456227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.467	4404.297	43790.42	8854.863	4981.873
Stddev	14.906	13.950	348.48	30.447	18.368
%RSD	.6559399	.3167349	.7957916	.3438502	.3686976

#1	2271.289	4420.316	43891.13	8884.191	5002.614
#2	2287.927	4397.750	44077.46	8823.408	4975.340
#3	2258.185	4394.825	43402.68	8856.989	4967.664

Sample Name: K2595-09 Acquired: 05/01/2019 13:20:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066263	.0171174	.0365041	-.049335	-.001430	17.17449
Stddev	.0015167	.0010417	.0005410	.005107	.002053	.02091
%RSD	22.88846	6.085797	1.481883	10.35123	143.5176	.1217504

#1	.0081958	.0167954	.0358809	-.043455	.000938	17.17620
#2	.0051686	.0182820	.0367792	-.052662	-.002539	17.15278
#3	.0065146	.0162746	.0368523	-.051886	-.002690	17.19449

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181926	.0048349	.3014038	90.78121	-.008924	.0290552
Stddev	.0002824	.0001943	.0005247	.18033	.000432	.0007222
%RSD	1.552256	4.018680	.1740979	.1986458	4.839008	2.485608

#1	.0179787	.0047446	.3009480	90.96600	-.009226	.0283194
#2	.0185127	.0050579	.3012861	90.60569	-.008430	.0297630
#3	.0180864	.0047021	.3019775	90.77195	-.009117	.0290833

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.23164	356.0812	2.655223	19.68495	.1092514	-.010770
Stddev	.02970	.5512	.004190	.01318	.0007038	.000442
%RSD	.2244955	.1547892	.1578023	.0669464	.6441862	4.107020

#1	13.24090	356.3632	2.660035	19.68198	.1088997	-.010967
#2	13.25561	356.4344	2.652382	19.69936	.1100617	-.011080
#3	13.19841	355.4461	2.653253	19.67350	.1087929	-.010263

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.641388	.0161693	F 101.4557	.1525755	.0801566	-.290878
Stddev	.076783	.0032145	1.4414	.0274094	.0035486	.009225
%RSD	1.654309	19.88016	1.420711	17.96448	4.427070	3.171534

#1	4.637959	.0171085	103.1200	.1494047	.0771658	-.280226
#2	4.566377	.0125898	100.6086	.1814324	.0840777	-.296105
#3	4.719828	.0188095	100.6386	.1268894	.0792265	-.296302

Sample Name: K2595-09 Acquired: 05/01/2019 13:20:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006464	374.9399	21.51538	-.009892	.0011256	-.010394
Stddev	.000752	2.6817	.18685	.002692	.0011483	.001021
%RSD	11.63384	.7152426	.8684639	27.21310	102.0188	9.826135
#1	-.005613	371.9753	21.30101	-.012559	.0008705	-.009304
#2	-.006740	377.1969	21.64372	-.007176	.0023800	-.010549
#3	-.007039	375.6476	21.60142	-.009940	.0001263	-.011329

Elem	Sr4077
Units	ppm
Avg	.1360901
Stddev	.0010521
%RSD	.7731059
#1	.1350019
#2	.1371019
#3	.1361665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.471	4396.459	44178.35	8901.099	4785.823
Stddev	18.159	2.810	131.33	59.412	5.179
%RSD	.8040428	.0639127	.2972680	.6674629	.1082116
#1	2237.638	4393.424	44046.58	8968.654	4790.971
#2	2270.946	4398.971	44309.23	8877.662	4785.884
#3	2266.829	4396.982	44179.25	8856.980	4780.614

Sample Name: K2595-08 Acquired: 05/01/2019 13:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098138	.0372824	.1150053	-.199574	.0065959	56.47922
Stddev	.0017530	.0010240	.0005139	.003166	.0025377	.27355
%RSD	17.86313	2.746544	.4468167	1.586518	38.47339	.4843396

#1	.0079200	.0366956	.1155879	-.195926	.0037712	56.78006
#2	.0101415	.0366869	.1148116	-.201182	.0086833	56.41216
#3	.0113798	.0384648	.1146164	-.201613	.0073332	56.24543

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098940	.0165850	1.001867	199.4729	-.014614	.1080330
Stddev	.0001265	.0001928	.001938	1.7260	.001525	.0002542
%RSD	1.278466	1.162375	.1934422	.8652920	10.43785	.2353149

#1	.0099380	.0167912	1.003373	201.4529	-.016307	.1077408
#2	.0097513	.0165545	.999680	198.6795	-.014189	.1081544
#3	.0099925	.0164093	1.002547	198.2862	-.013347	.1082037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.32029	F 1317.549	7.054466	50.28616	.3982074	-.044425
Stddev	.04220	13.521	.049318	.37306	.0013637	.001717
%RSD	.1266497	1.026252	.6990987	.7418827	.3424613	3.865082

#1	33.36496	1333.161	7.111074	50.70937	.3982536	-.042517
#2	33.31484	1309.865	7.031533	50.00494	.3995474	-.044911
#3	33.28109	1309.621	7.020789	50.14417	.3968211	-.045846

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.602566	.0903013	F 312.7311	.1934052	.4254564	^ *****
Stddev	.053241	.0017250	2.7369	.0472575	.0021743	-----
%RSD	1.156770	1.910261	.8751650	24.43445	.5110435	-----

#1	4.558948	.0887629	310.8243	.1845408	.4279456	^ -----
#2	4.661894	.0921662	315.8671	.1512076	.4244953	^ -----
#3	4.586856	.0899747	311.5019	.2444672	.4239283	^ -----

Sample Name: K2595-08 Acquired: 05/01/2019 13:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013919	1206.529	35.09087	.0049721	.0181132	.0154804
Stddev	.000241	4.321	.51088	.0013471	.0011108	.0009010
%RSD	1.729183	.3581657	1.455888	27.09236	6.132602	5.820079
#1	-.013683	1211.365	35.55930	.0059948	.0193672	.0154535
#2	-.013909	1203.045	34.54612	.0054755	.0172527	.0145932
#3	-.014164	1205.179	35.16718	.0034458	.0177197	.0163946

Elem	Sr4077
Units	ppm
Avg	.2558546
Stddev	.0005115
%RSD	.1999251
#1	.2564233
#2	.2557086
#3	.2554320

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.070	4508.540	47039.57	9529.263	4426.967
Stddev	11.406	8.953	350.25	80.175	6.664
%RSD	.4901656	.1985784	.7445840	.8413570	.1505285
#1	2337.639	4518.553	47327.76	9454.200	4430.640
#2	2314.979	4505.762	46649.74	9613.722	4430.987
#3	2328.591	4501.306	47141.19	9519.867	4419.275

Sample Name: K2595-11 Acquired: 05/01/2019 13:28:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHQ9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083047	.0128229	.1041417	-.031455	-.002942	19.37092
Stddev	.0024163	.0015857	.0006214	.003226	.001878	.06863
%RSD	29.09593	12.36599	.5966411	10.25616	63.85168	.3542828

#1	.0063578	.0117707	.1035149	-.029276	-.001168	19.44840
#2	.0110090	.0120512	.1041529	-.029927	-.004910	19.34657
#3	.0075473	.0146467	.1047574	-.035161	-.002747	19.31778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185874	.0031385	.3896309	67.65135	-.008716	.0217908
Stddev	.0002493	.0000627	.0003851	.34045	.000609	.0004446
%RSD	1.341344	1.997883	.0988382	.5032379	6.989076	2.040135

#1	.0183008	.0032084	.3900747	67.96121	-.008081	.0221204
#2	.0187074	.0031196	.3894324	67.70592	-.008772	.0212852
#3	.0187540	.0030874	.3893855	67.28691	-.009296	.0219669

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.96129	227.3129	1.744499	17.50207	.0727153	-.006032
Stddev	.07942	.5731	.007037	.09589	.0004270	.000537
%RSD	.2945636	.2521191	.4033889	.5478988	.5872379	8.900046

#1	27.05135	227.8884	1.749952	17.56886	.0724529	-.006212
#2	26.90129	227.3081	1.746990	17.54515	.0732080	-.006455
#3	26.93121	226.7423	1.736555	17.39219	.0724850	-.005428

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.048910	.0146416	F 74.56499	-.116088	.1240587	-.177966
Stddev	.133757	.0013920	.65563	.030541	.0008573	.004588
%RSD	3.303522	9.506940	.8792755	26.30821	.6910138	2.578082

#1	3.894489	.0159515	74.13088	-.145306	.1249920	-.181218
#2	4.123590	.0131800	74.24490	-.118582	.1233065	-.179963
#3	4.128652	.0147933	75.31918	-.084377	.1238775	-.172718

Sample Name: K2595-11 Acquired: 05/01/2019 13:28:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004513	303.1785	20.51355	-.009267	.0124919	-.009407
Stddev	.000076	.6002	.20462	.001261	.0007083	.001589
%RSD	1.684070	.1979603	.9974967	13.60864	5.670132	16.89230
#1	-.004480	303.2135	20.69247	-.009072	.0119579	-.007756
#2	-.004460	303.7604	20.55774	-.008115	.0132954	-.009541
#3	-.004601	302.5616	20.29045	-.010615	.0122224	-.010925

Elem	Sr4077
Units	ppm
Avg	.1047359
Stddev	.0003738
%RSD	.3569224
#1	.1051493
#2	.1046372
#3	.1044214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.365	4369.663	43580.96	8823.461	4829.240
Stddev	23.964	12.773	271.98	27.219	11.681
%RSD	1.077828	.2923110	.6240768	.3084888	.2418737
#1	2244.512	4355.180	43775.99	8796.191	4815.765
#2	2228.249	4379.319	43696.63	8823.564	4836.483
#3	2197.336	4374.490	43270.27	8850.629	4835.472

Sample Name: K2595-10 Acquired: 05/01/2019 13:24:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048129	.0134522	.1066326	-.031645	-.000879	19.77965
Stddev	.0045720	.0022800	.0020764	.001550	.001801	.04401
%RSD	94.99364	16.94869	1.947243	4.897036	204.9497	.2225024

#1	.0098198	.0151346	.1087958	-.033421	.000949	19.80381
#2	.0037590	.0143647	.1046556	-.030568	-.000932	19.72886
#3	.0008600	.0108573	.1064465	-.030947	-.002653	19.80630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189210	.0032336	.3983296	69.23121	-.009103	.0220900
Stddev	.0002697	.0000780	.0002746	.25994	.000008	.0003521
%RSD	1.425503	2.413219	.0689429	.3754623	.0889422	1.594038

#1	.0190749	.0033224	.3980421	69.01261	-.009096	.0222518
#2	.0186096	.0031760	.3983574	69.16239	-.009112	.0216860
#3	.0190786	.0032025	.3985892	69.51863	-.009101	.0223320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.57922	232.9165	1.790047	17.92619	.0747020	-.006640
Stddev	.05211	.8006	.007670	.11731	.0005258	.000095
%RSD	.1889647	.3437452	.4284913	.6543919	.7038972	1.425746

#1	27.63175	232.2810	1.782588	17.83930	.0741784	-.006679
#2	27.52753	232.6526	1.789640	17.87964	.0752300	-.006708
#3	27.57837	233.8157	1.797912	18.05962	.0746977	-.006532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.961617	.0162846	F 75.28577	-.096507	.1285163	-.186122
Stddev	.137682	.0016843	.12135	.038734	.0008373	.003492
%RSD	3.475401	10.34296	.1611862	40.13577	.6514948	1.876232

#1	4.079192	.0171414	75.31281	-.071080	.1276043	-.184319
#2	3.810156	.0173683	75.15318	-.141086	.1292502	-.183899
#3	3.995504	.0143442	75.39132	-.077356	.1286944	-.190146

Sample Name: K2595-10 Acquired: 05/01/2019 13:24:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHQ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004507	311.3566	21.18995	-.009952	.0141127	-.010244
Stddev	.000315	.2045	.03476	.000866	.0011346	.000670
%RSD	6.994794	.0656745	.1640539	8.706442	8.039658	6.544869
#1	-.004306	311.5187	21.20791	-.010913	.0134450	-.009539
#2	-.004346	311.4242	21.21205	-.009713	.0154228	-.010319
#3	-.004871	311.1268	21.14988	-.009230	.0134704	-.010874

Elem	Sr4077
Units	ppm
Avg	.1065337
Stddev	.0000550
%RSD	.0516028
#1	.1065006
#2	.1065033
#3	.1065971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.676	4365.385	43975.92	8821.232	4817.401
Stddev	7.107	11.750	149.28	26.191	9.220
%RSD	.3153405	.2691534	.3394535	.2969127	.1913898
#1	2251.170	4372.698	43822.54	8810.748	4822.124
#2	2248.161	4351.832	44120.72	8801.906	4806.776
#3	2261.696	4371.625	43984.49	8851.041	4823.302

Sample Name: K2595-13 Acquired: 05/01/2019 13:36:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHR2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001395	.0000032	.0005813	-.001052	-.002508	.0232831	.0006808
Stddev	.002657	.0008435	.0014592	.002745	.001375	.0054697	.0001375
%RSD	190.3694	26130.11	251.0164	261.0381	54.81604	23.49219	20.20205

#1	-.003835	.0003335	.0022389	-.001343	-.001886	.0186519	.0007018
#2	.001435	-.000955	.0000145	-.003639	-.004084	.0218796	.0008066
#3	-.001786	.000632	-.000509	.001828	-.001554	.0293178	.0005340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000728	-.000149	.2089528	-.000473	-.000221	-.004414	-.028595
Stddev	.0000259	.000052	.0051748	.000553	.000057	.001288	.003110
%RSD	35.61811	34.66134	2.476531	117.0976	25.96153	29.16979	10.87582

#1	.0000984	-.000162	.2037776	-.000532	-.000198	-.005865	-.029533
#2	.0000465	-.000092	.2089536	-.000994	-.000179	-.003969	-.031127
#3	.0000735	-.000194	.2141271	.000108	-.000286	-.003408	-.025124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000814	-.004154	.0002375	-.000012	.6606688	.0007455	-.016746
Stddev	.000401	.014878	.0000244	.000241	.1769928	.0019943	.002369
%RSD	49.31147	358.1888	10.28951	1929.519	26.78994	267.5217	14.14800

#1	-.001233	-.019040	.0002096	.000118	.7554417	.0001829	-.014077
#2	-.000775	.010717	.0002554	.000135	.4564703	.0029606	-.018600
#3	-.000433	-.004138	.0002475	-.000290	.7700944	-.000907	-.017561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.704437	-.000876	-.015310	-.002114	.0040541	.9259097	-.008568
Stddev	.057938	.001002	.000899	.000262	.0018783	.0042458	.000921
%RSD	8.224740	114.4066	5.870246	12.40878	46.33084	.4585548	10.75143

#1	-.686258	-.001522	-.014586	-.002358	.0026412	.9246821	-.007615
#2	-.769284	-.001384	-.016316	-.001837	.0033354	.9224130	-.009454
#3	-.657767	.000278	-.015028	-.002147	.0061856	.9306341	-.008634

Sample Name: K2595-13 Acquired: 05/01/2019 13:36:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLHR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001484	-.021223	.0003676
Stddev	.0009422	.000554	.0000908
%RSD	634.8043	2.608188	24.69439

#1	-.000758	-.021475	.0003008
#2	.000081	-.021606	.0003310
#3	.001123	-.020588	.0004709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.151	4288.498	42342.47	8404.558	4855.994
Stddev	9.189	12.542	207.87	28.698	12.476
%RSD	.4178308	.2924634	.4909347	.3414624	.2569117

#1	2206.357	4302.395	42507.18	8429.589	4870.286
#2	2188.804	4285.083	42108.91	8410.848	4850.407
#3	2202.292	4278.018	42411.33	8373.236	4847.288

Sample Name: K2595-12 Acquired: 05/01/2019 13:32:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000517	.0012103	.0099025	-.002522	-.005464	-.039230	.0094582
Stddev	.001994	.0028294	.0004861	.000542	.001558	.005972	.0007090
%RSD	386.0021	233.7859	4.908840	21.48022	28.51408	15.22302	7.495729

#1	.001776	.0020521	.0101821	-.003032	-.006083	-.043464	.0090729
#2	-.001842	.0035232	.0101842	-.002580	-.006617	-.041827	.0102764
#3	-.001484	-.001945	.0093412	-.001953	-.003692	-.032399	.0090253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001526	.0425265	180.7965	-.001678	.0155386	1.765970	9.298735
Stddev	.0001166	.0000751	1.1005	.000185	.0000833	.004528	.033019
%RSD	76.43234	.1766731	.6086736	11.04123	.5363666	.2564233	.3550892

#1	.0002555	.0424536	182.0473	-.001556	.0155770	1.771022	9.336450
#2	.0000259	.0426037	180.3650	-.001891	.0155958	1.762275	9.275039
#3	.0001763	.0425222	179.9772	-.001587	.0154430	1.764615	9.284716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.686609	17.50167	.0353848	.0005988	7.385557	.0012053	13.54659
Stddev	.009727	.05707	.0001916	.0000528	.284928	.0008094	.14490
%RSD	.5767433	.3261041	.5414745	8.818741	3.857914	67.15168	1.069623

#1	1.697841	17.54226	.0355508	.0006531	7.424679	.0012723	13.40696
#2	1.680942	17.43641	.0354285	.0005955	7.648903	.0019791	13.53656
#3	1.681044	17.52633	.0351752	.0005476	7.083090	.0003645	13.69624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4758243	.0057970	.0248594	-.002159	163.7187	14.07300	-.013070
Stddev	.0171277	.0043325	.0012943	.000746	.2849	.18114	.001013
%RSD	3.599574	74.73779	5.206495	34.53263	.1740155	1.287179	7.748732

#1	.4955947	.0033837	.0263534	-.001545	163.4869	14.25913	-.012593
#2	.4654879	.0107987	.0241487	-.002988	164.0368	14.06258	-.014234
#3	.4663903	.0032085	.0240762	-.001944	163.6324	13.89729	-.012384

Sample Name: K2595-12 Acquired: 05/01/2019 13:32:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLHR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006290	-.016314	.3623423
Stddev	.000411	.001959	.0006286
%RSD	6.536923	12.00766	.1734705

#1	-.006508	-.016711	.3625647
#2	-.005815	-.014186	.3616327
#3	-.006545	-.018043	.3628293

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.976	4176.836	42184.57	8589.576	4780.064
Stddev	17.070	10.137	125.08	67.476	7.203
%RSD	.7881113	.2426936	.2965064	.7855562	.1506791

#1	2174.630	4178.386	42149.78	8513.961	4785.091
#2	2176.986	4186.109	42323.36	8643.655	4783.288
#3	2146.312	4166.014	42080.57	8611.113	4771.813

Sample Name: CCB097 Acquired: 05/01/2019 13:44:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001743	-.001117	.0006564	.0016468	-.000573	.0041578	.0005276
Stddev	.002589	.000933	.0014917	.0019018	.000718	.0063382	.0005453
%RSD	148.5202	83.54689	227.2484	115.4831	125.3574	152.4412	103.3461

#1	-.004293	-.000353	-.001064	.0006777	-.001389	.0113784	.0003499
#2	-.001819	-.000841	.001446	.0004248	-.000293	.0015825	.0000934
#3	.000883	-.002157	.001587	.0038379	-.000037	-.000487	.0011396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000128	-.000098	.0027614	-.000175	-.000134	.0059950	.0020919
Stddev	.000143	.000029	.0174734	.000097	.000250	.0003633	.0026934
%RSD	111.5726	29.30197	632.7732	55.56098	186.0960	6.060403	128.7534

#1	-.000072	-.000094	.0169411	-.000117	-.000165	.0064121	.0011824
#2	-.000291	-.000129	.0081022	-.000121	-.000367	.0058261	.0051224
#3	-.000022	-.000072	-.016759	-.000287	.000130	.0057470	-.000029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001090	.0059092	.0004865	-.000157	-.111163	-.000694	-.004080
Stddev	.0003564	.0255229	.0003129	.000240	.139001	.001477	.001568
%RSD	326.8454	431.9178	64.32172	152.7088	125.0423	212.7003	38.43310

#1	-.000174	-.022914	.0008350	-.000420	.049154	-.000532	-.002279
#2	.000509	.025645	.0002298	.000049	-.198026	-.002246	-.005138
#3	-.000009	.014997	.0003947	-.000100	-.184617	.000695	-.004824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1805662	-.001735	.0013134	.0006799	.0020430	-.014466	-.001945
Stddev	.0437458	.001954	.0016674	.0004050	.0057866	.001636	.001253
%RSD	24.22698	112.5905	126.9496	59.55892	283.2365	11.30934	64.42661

#1	.1709783	-.002364	.0025109	.0010357	.0038318	-.014900	-.001303
#2	.1424097	.000456	-.000591	.0002392	-.004427	-.015842	-.001143
#3	.2283107	-.003297	.002020	.0007648	.006724	-.012657	-.003389

Sample Name: CCB097 Acquired: 05/01/2019 13:44:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015295	.0029371	.0000558
Stddev	.0004600	.0024256	.0000493
%RSD	30.07783	82.58629	88.43863

#1	.0010705	.0050315	.0000333
#2	.0015276	.0002793	.0000217
#3	.0019906	.0035005	.0001124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.643	4110.222	40689.29	8128.618	4712.701
Stddev	15.474	6.723	73.79	40.140	9.838
%RSD	.7341697	.1635613	.1813607	.4938081	.2087640

#1	2125.117	4114.457	40774.41	8122.569	4721.624
#2	2102.134	4113.738	40650.09	8171.439	4714.328
#3	2095.678	4102.470	40643.36	8091.847	4702.151

Sample Name: CCV097 Acquired: 05/01/2019 13:40:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935958	4.922217	24.75859	4.869638	4.927178	408.0972
Stddev	.017878	.011503	.02993	.002993	.002591	3.8135
%RSD	.3622045	.2336876	.1208823	.0614538	.0525851	.9344653

#1	4.915584	4.911848	24.72540	4.869079	4.930054	412.4386
#2	4.949027	4.934590	24.78354	4.872870	4.926456	406.5646
#3	4.943263	4.920213	24.76683	4.866964	4.925025	405.2883

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10653	.4981262	2.486615	411.9011	15.34008	2.514526
Stddev	.07426	.0052164	.003643	2.4882	.00460	.002369
%RSD	.7347431	1.047197	.1464978	.6040856	.0299702	.0942294

#1	10.06608	.4968731	2.482760	410.3391	15.34069	2.512019
#2	10.06127	.4936506	2.487083	410.5937	15.33521	2.514831
#3	10.19222	.5038550	2.490001	414.7705	15.34435	2.516728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06488	413.9580	14.81290	409.4420	2.505298	1.268926
Stddev	.01785	1.5906	.08023	1.7335	.003183	.006793
%RSD	.1184904	.3842364	.5416090	.4233908	.1270485	.5353062

#1	15.07115	412.8371	14.75310	408.0748	2.502501	1.270523
#2	15.07876	413.2586	14.78152	408.8593	2.504633	1.274777
#3	15.04475	415.7785	14.90407	411.3918	2.508762	1.261477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	421.0835	2.484187	14.89039	153.4548	5.172141	F 6.916566
Stddev	2.0657	.014711	.17876	.0531	.013752	.050753
%RSD	.4905613	.5921938	1.200485	.0345815	.2658831	.7337901

#1	420.2858	2.485371	14.90700	153.3935	5.156328	6.897733
#2	419.5356	2.468920	15.06026	153.4849	5.181301	6.877921
#3	423.4290	2.498270	14.70390	153.4859	5.178795	6.974043

Sample Name: CCV097 Acquired: 05/01/2019 13:40:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v857) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.904457	5.112079	F 6.864815	F 7.162553	F 7.065085	5.075735
Stddev	.008949	.002631	.080966	.020462	.028006	.056947
%RSD	.1296187	.0514684	1.179434	.2856752	.3963994	1.121943

#1	6.894162	5.109492	6.851988	7.138940	7.042515	5.036248
#2	6.910382	5.111993	6.791028	7.173656	7.056312	5.049943
#3	6.908827	5.114753	6.951428	7.175064	7.096427	5.141015

Elem	Sr4077
Units	ppm
Avg	4.972553
Stddev	.020917
%RSD	.4206472

#1	4.992198
#2	4.950562
#3	4.974899

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.232	3523.477	37608.13	7802.065	3776.171
Stddev	15.999	3.894	296.96	43.676	1.602
%RSD	.8828207	.1105072	.7896255	.5598019	.0424144

#1	1810.663	3520.260	37596.40	7816.399	3774.362
#2	1797.075	3522.365	37317.20	7836.773	3776.739
#3	1828.957	3527.806	37910.78	7753.023	3777.411