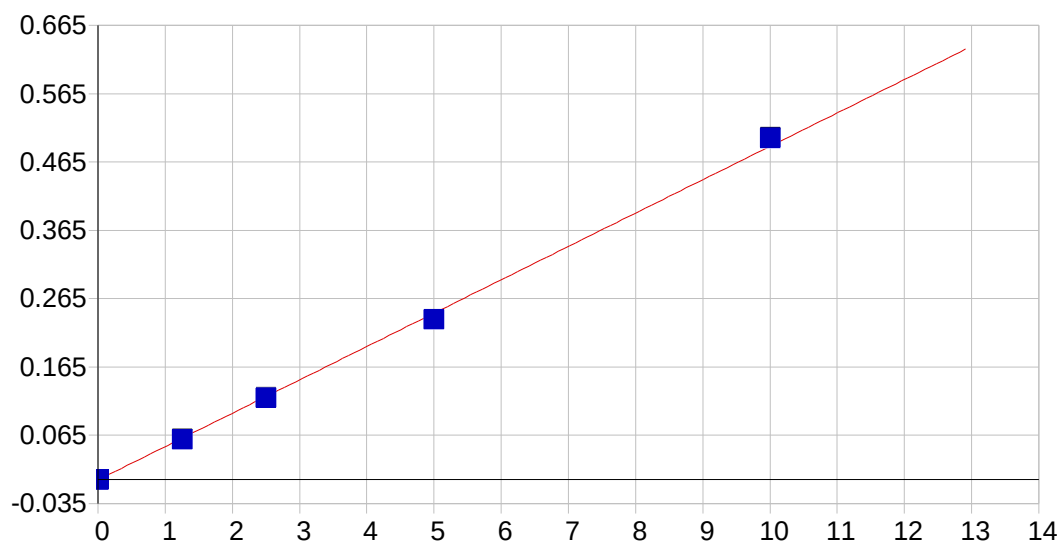


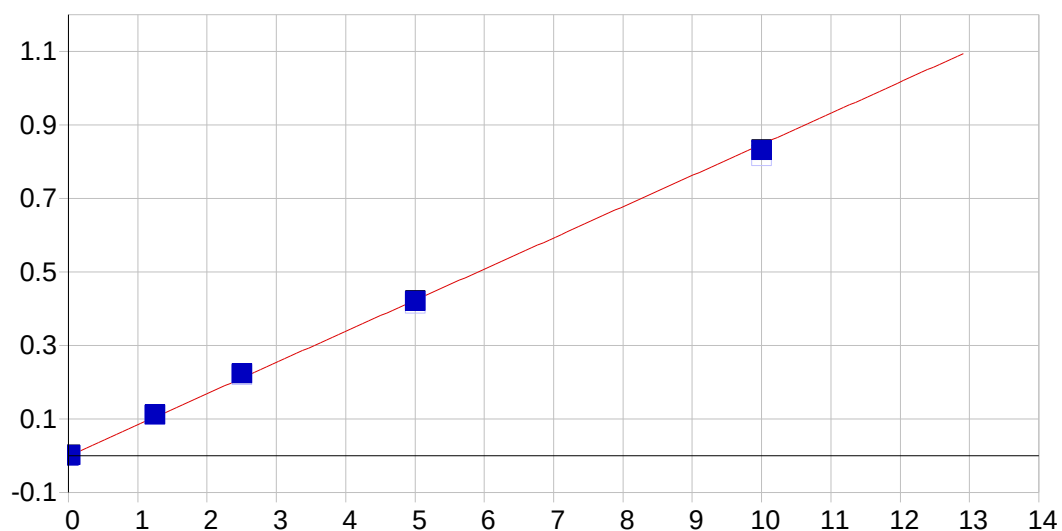


As 189.042 {479}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 0.048823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003145
 Predicted MQL: 0.010482

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00757	-.002	-24.3	.00005	.000	1
S2	1.2500	1.2175	-.032	-2.60	.05890	.000	1
S3	2.5000	2.4668	-.033	-1.33	.11968	.000	1
S4	5.0000	4.8133	-.187	-3.73	.23380	.000	1
S5	10.000	10.255	.255	2.55	.49860	.001	1

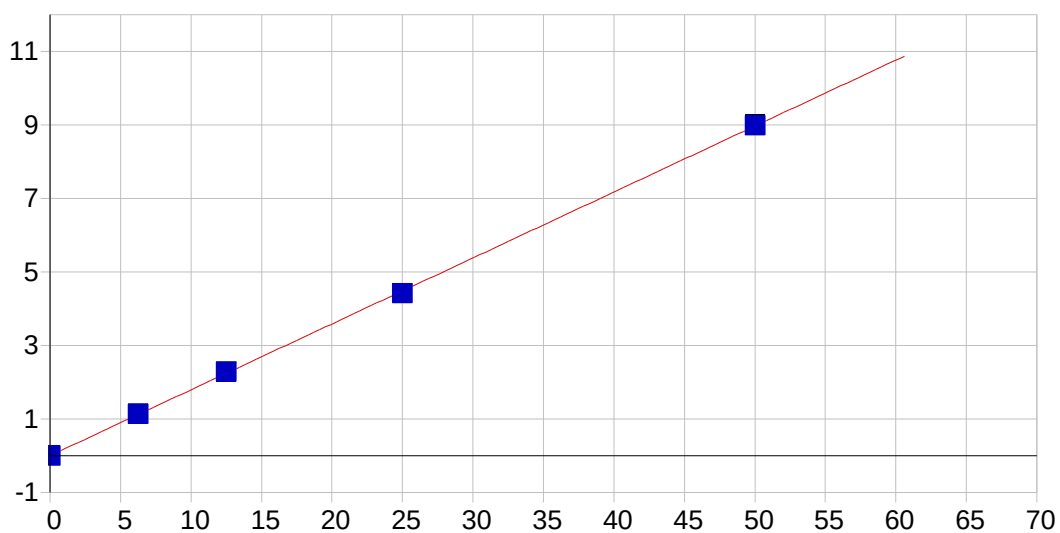


TI 190.856 {477}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000648 Re-Slope: 1.000000
 A1 (Gain): 0.084780 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999519 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.001680
 Predicted MQL: 0.005599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00065	.000	1
S1	.02500	.02471	.000	-1.14	.00136	.000	1
S2	1.2500	1.3303	.080	6.43	.11019	.000	1
S3	2.5000	2.6444	.144	5.78	.21964	.001	1
S4	5.0000	4.9685	-.031	-.630	.41277	.001	1
S5	10.000	9.8070	-.193	-1.93	.81517	.003	1

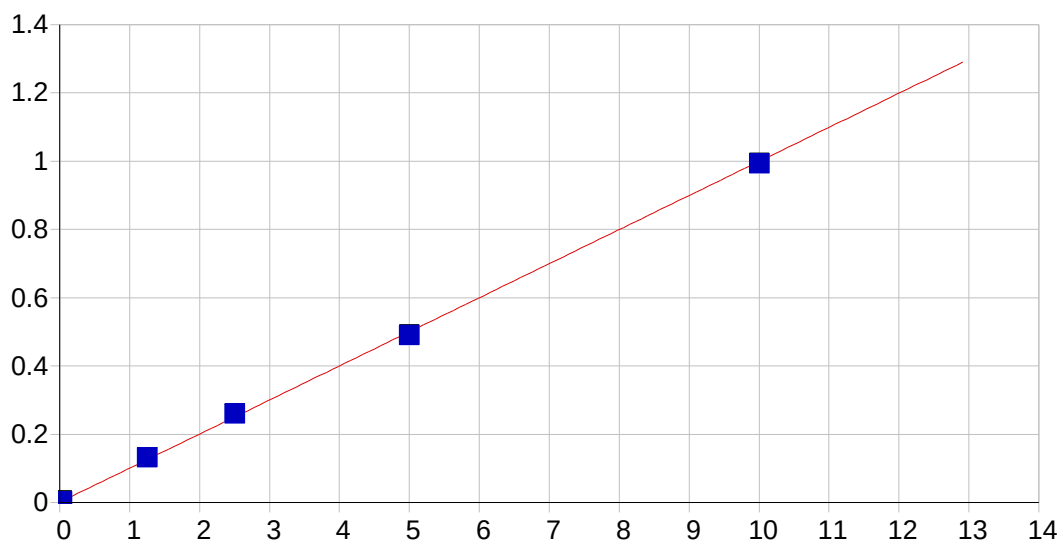


Pb 220.353 {453}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000164 Re-Slope: 1.000000
 A1 (Gain): 0.179396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001620
 Predicted MQL: 0.005401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.00902	-.001	-9.81	.00145	.000	1
S2	6.2500	6.3191	.069	1.11	1.1333	.001	1
S3	12.500	12.712	.212	1.69	2.2801	.009	1
S4	25.000	24.621	-.379	-1.52	4.4163	.006	1
S5	50.000	50.099	.099	.198	8.9865	.026	1



Date of Fit: 12/6/2018 14:52:47

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000792

Re-Slope: 1.000000

A1 (Gain): 0.099862

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999762

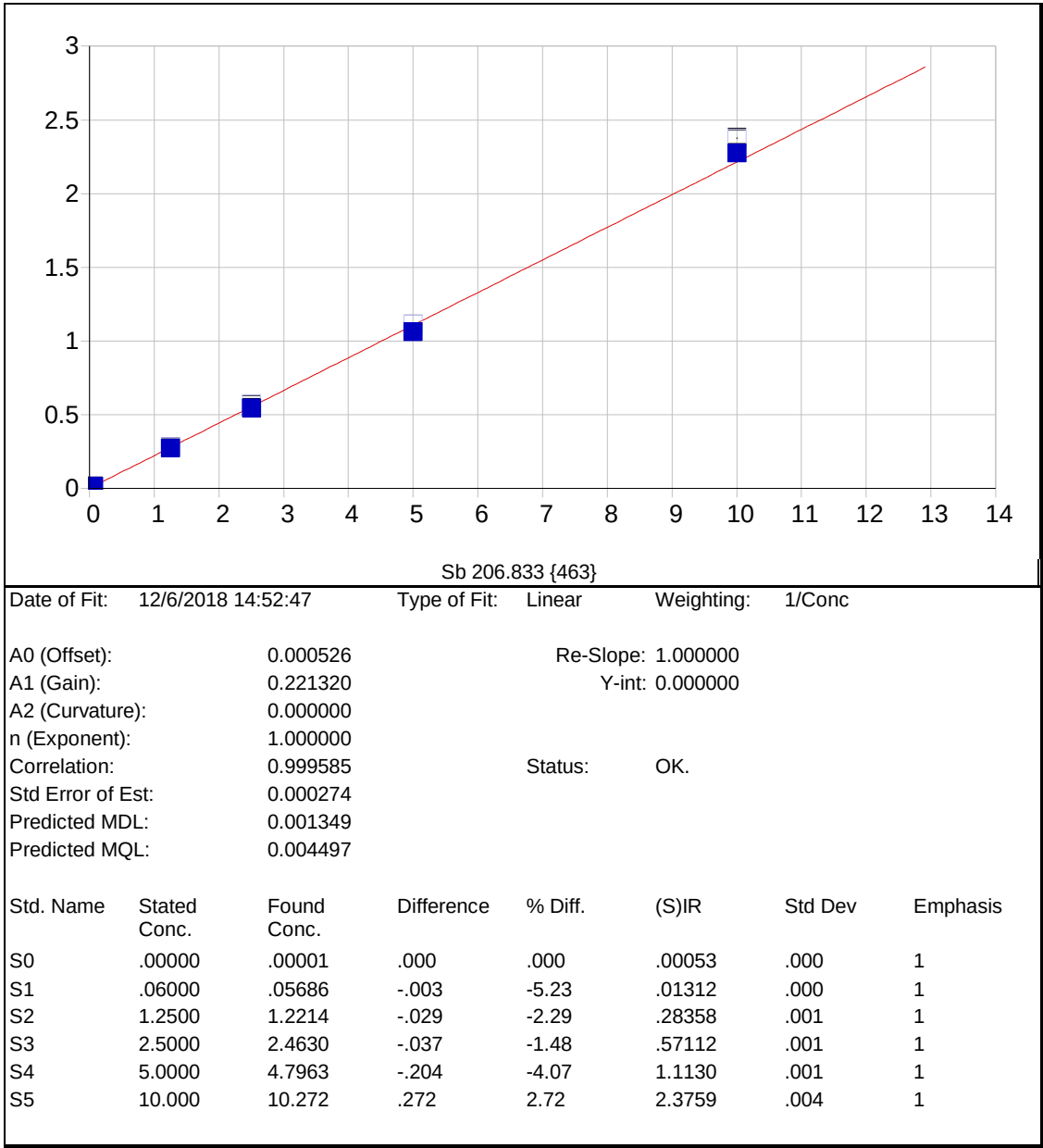
Status: OK.

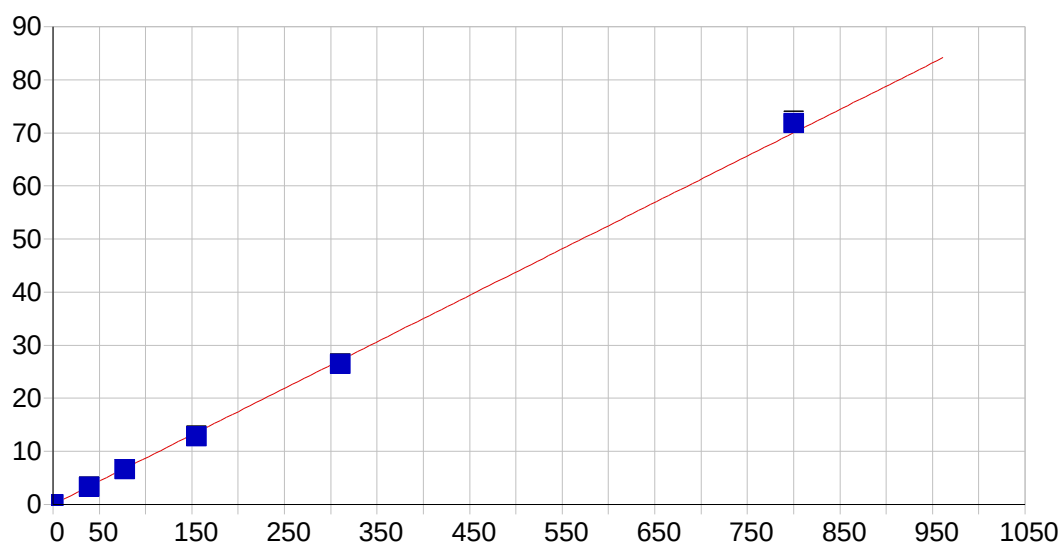
Std Error of Est: 0.000068

Predicted MDL: 0.002385

Predicted MQL: 0.007951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.03500	.03172	-.003	-9.37	.00396	.000	1
S2	1.2500	1.3112	.061	4.90	.13140	.000	1
S3	2.5000	2.5934	.093	3.74	.25912	.000	1
S4	5.0000	4.9059	-.094	-1.88	.48939	.001	1
S5	10.000	9.9428	-.057	-.572	.99107	.001	1



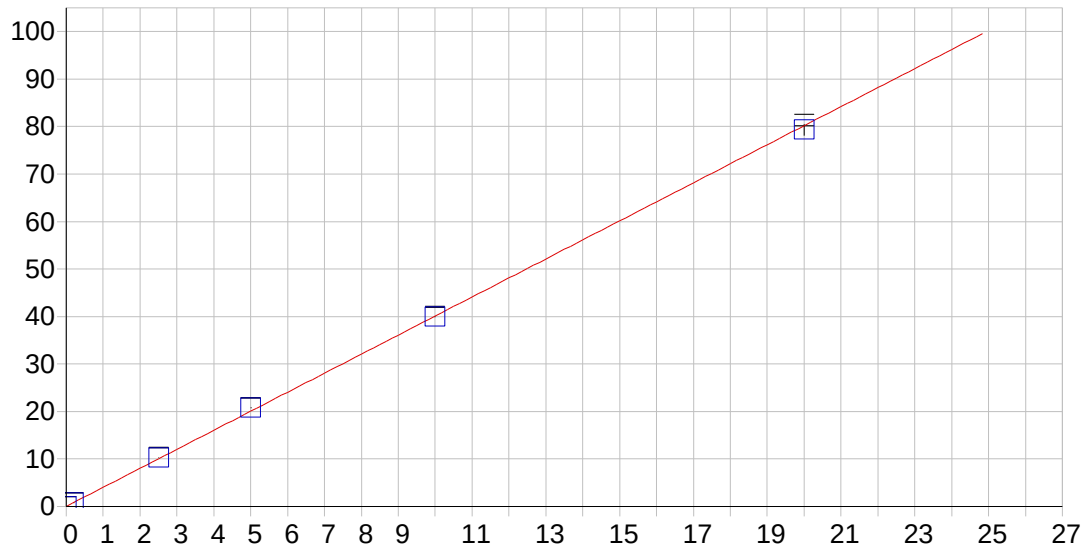


AI 396.152 { 85}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003726 Re-Slope: 1.000000
 A1 (Gain): 0.087524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.001654
 Predicted MDL: 0.013296
 Predicted MQL: 0.044320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00373	.001	1
S1	.20000	.18216	-.018	-8.92	.01997	.001	1
S2	38.750	37.414	-1.34	-3.45	3.2851	.004	1
S3	77.500	75.588	-1.91	-2.47	6.6330	.019	1
S4	155.00	146.52	-8.48	-5.47	12.854	.050	1
S5	310.00	301.78	-8.22	-2.65	26.471	.104	1
S6	800.00	820.00	20.0	2.50	71.817	.425	1

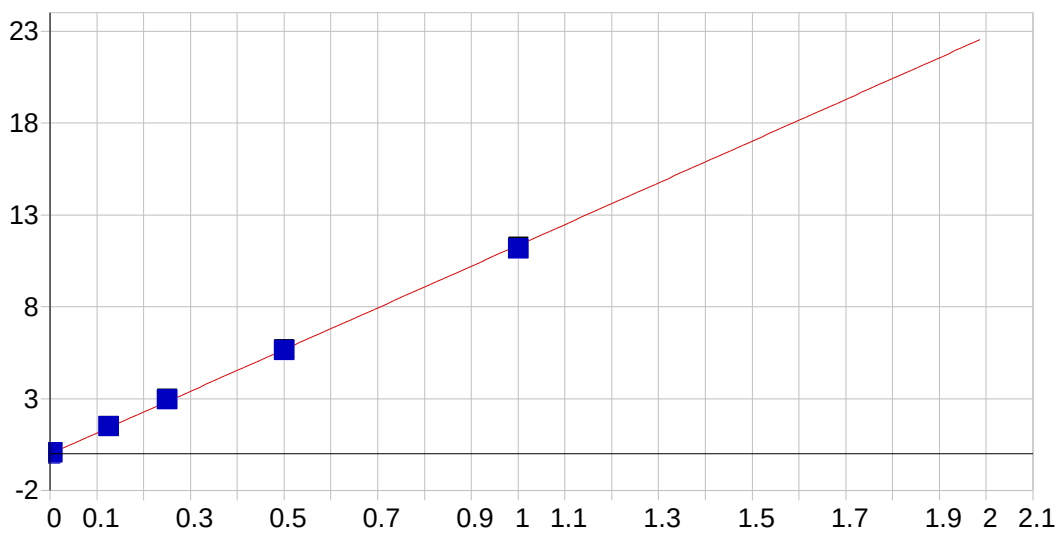


Ba 493.409 { 68}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018905 Re-Slope: 1.000000
 A1 (Gain): 4.008269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.007439
 Predicted MDL: 0.000848
 Predicted MQL: 0.002827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01889	.003	1
S1	.20000	.19278	-.007	-3.61	.79164	.002	1
S2	2.5000	2.5731	.073	2.92	10.333	.029	1
S3	5.0000	5.1831	.183	3.66	20.794	.054	1
S4	10.000	9.9637	-.036	-.363	39.956	.075	1
S5	20.000	19.787	-.213	-1.06	79.332	1.19	1

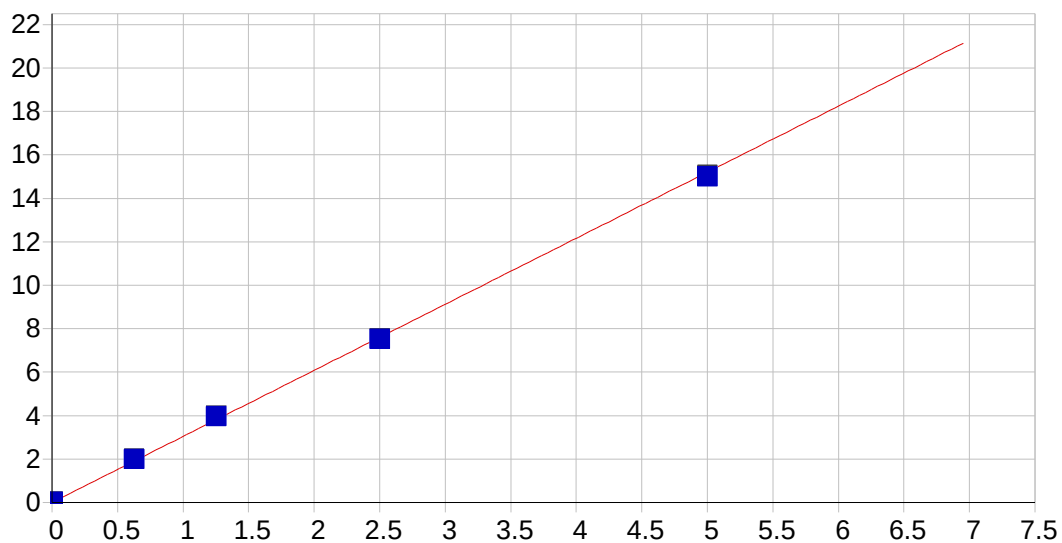


Be 234.861 {144}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003456 Re-Slope: 1.000000
 A1 (Gain): 11.343120 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722 Status: OK.
 Std Error of Est: 0.001001
 Predicted MDL: 0.000057
 Predicted MQL: 0.000189

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00346	.000	1
S1	.00500	.00472	.000	-5.68	.05000	.001	1
S2	.12500	.13150	.007	5.20	1.4835	.007	1
S3	.25000	.26077	.011	4.31	2.9451	.023	1
S4	.50000	.49742	-.003	-.515	5.6201	.024	1
S5	1.0000	.98559	-.014	-1.44	11.139	.073	1

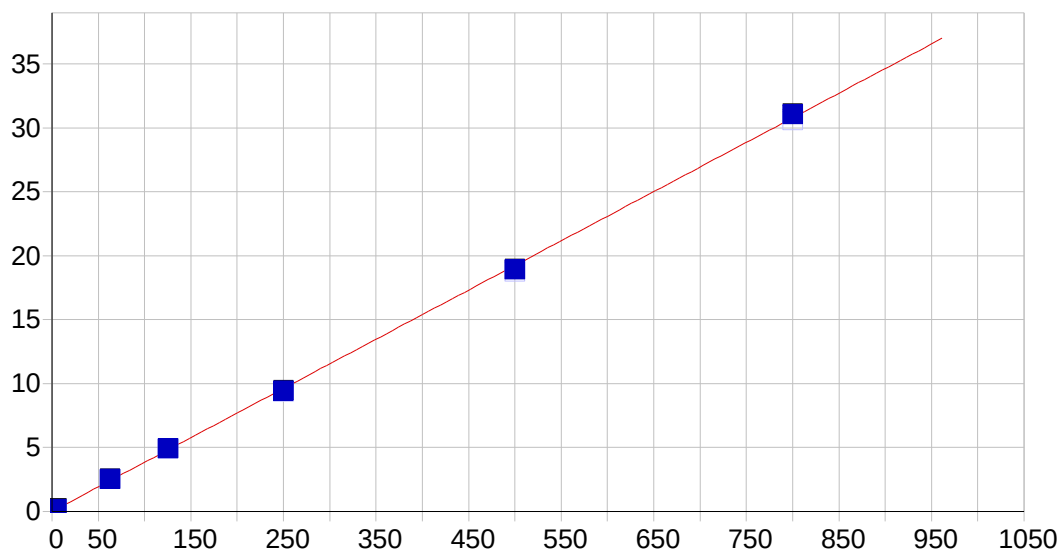


Cd 214.438 {457}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000677 Re-Slope: 1.000000
 A1 (Gain): 3.040989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714 Status: OK.
 Std Error of Est: 0.000611
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.00500	.00482	.000	-3.51	.01536	.000	1
S2	.62500	.65826	.033	5.32	2.0054	.002	1
S3	1.2500	1.3063	.056	4.50	3.9789	.017	1
S4	2.5000	2.4742	-.026	-1.03	7.5364	.011	1
S5	5.0000	4.9365	-.064	-1.27	15.036	.030	1

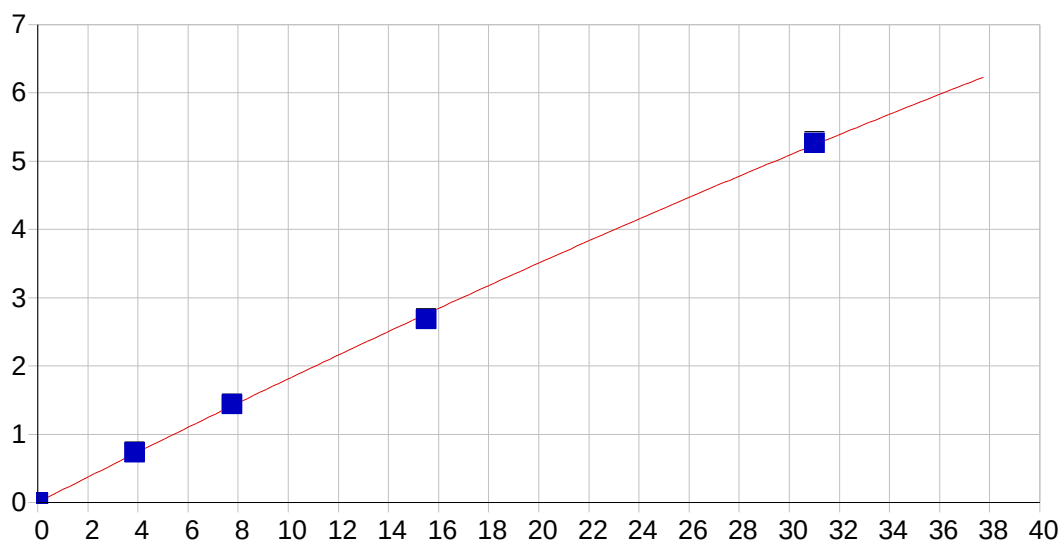


Ca 373.690 { 90}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002498 Re-Slope: 1.000000
 A1 (Gain): 0.038484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.002328
 Predicted MDL: 0.021265
 Predicted MQL: 0.070884

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	.000	.000	.00249	.001	1
S1	5.0000	4.9301	-.070	-1.40	.19217	.002	1
S2	62.500	65.933	3.43	5.49	2.5183	.005	1
S3	125.00	127.77	2.77	2.21	4.8764	.007	1
S4	250.00	245.60	-4.40	-1.76	9.3683	.042	1
S5	500.00	491.64	-8.36	-1.67	18.751	.025	1
S6	800.00	806.67	6.67	.834	30.587	.072	1

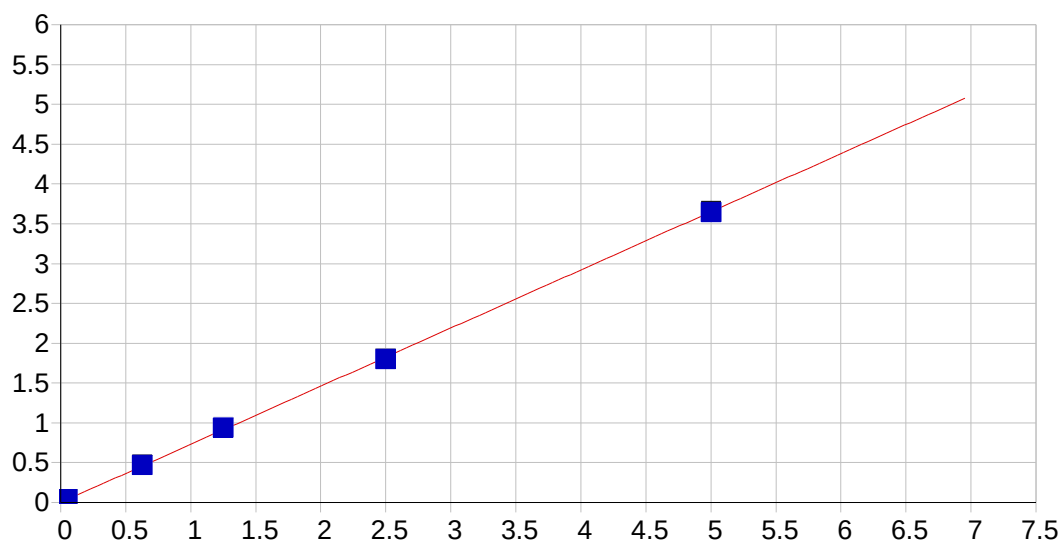


Cr 267.716 {126}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.186925 Y-int: 0.000000
 A2 (Curvature): -0.000578
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.000477
 Predicted MQL: 0.001591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.01000	.00952	.000	-4.84	.00189	.000	1
S2	3.8750	3.9776	.103	2.65	.73468	.003	1
S3	7.7500	7.9094	.159	2.06	1.4428	.001	1
S4	15.500	15.056	-.444	-2.86	2.6843	.008	1
S5	31.000	31.186	.186	.601	5.2690	.016	1

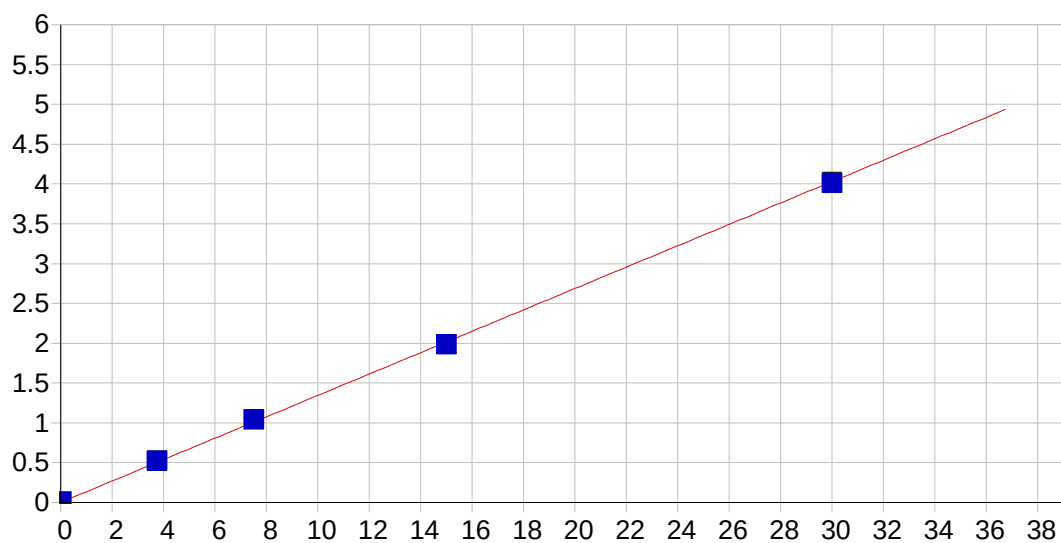


Co 228.616 {448}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.730079 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.000269
 Predicted MQL: 0.000898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.05000	.04616	-.004	-7.69	.03410	.000	1
S2	.62500	.64030	.015	2.45	.46847	.000	1
S3	1.2500	1.2866	.037	2.92	.94101	.005	1
S4	2.5000	2.4647	-.035	-1.41	1.8026	.001	1
S5	5.0000	4.9873	-.013	-.253	3.6472	.012	1

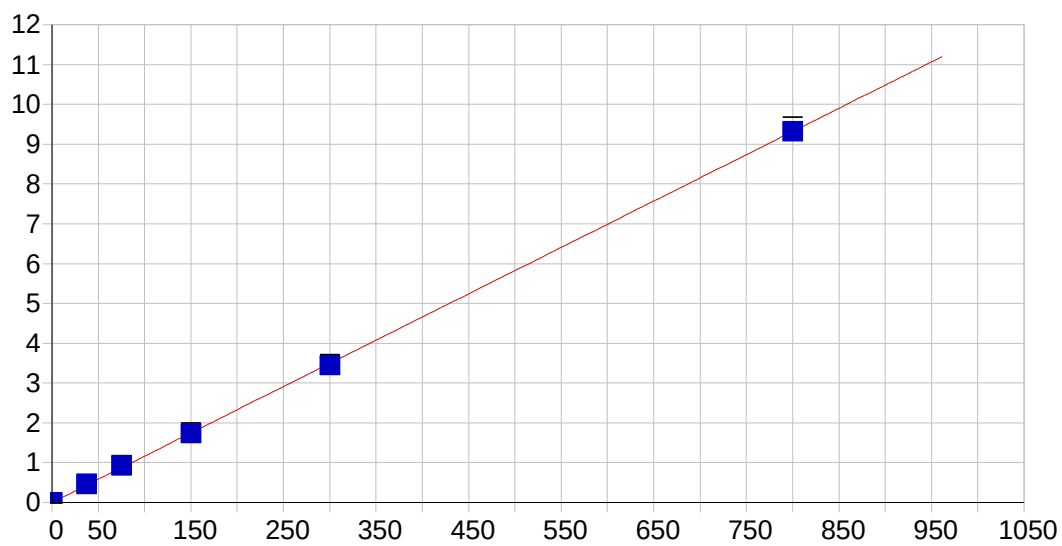


Cu 324.754 {104}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001303 Re-Slope: 1.000000
 A1 (Gain): 0.134281 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.004376
 Predicted MQL: 0.014588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00130	.000	1
S1	.02500	.02452	.000	-1.91	.00459	.000	1
S2	3.7500	3.8706	.121	3.22	.52067	.003	1
S3	7.5000	7.7496	.250	3.33	1.0412	.000	1
S4	15.000	14.763	-.237	-1.58	1.9822	.003	1
S5	30.000	29.867	-.133	-.443	4.0089	.010	1

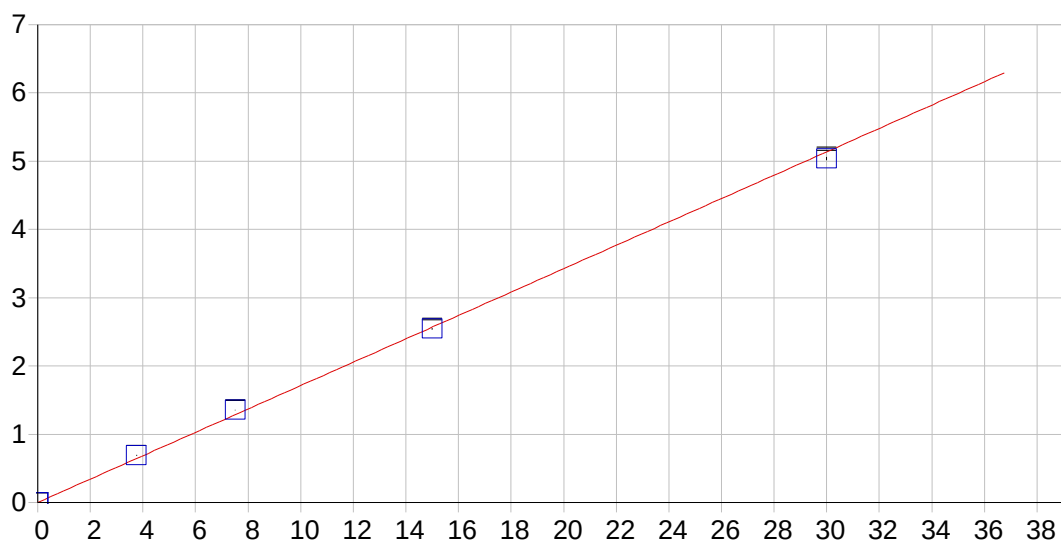


Fe 259.837 {130}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000401 Re-Slope: 1.000000
 A1 (Gain): 0.011647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.022602
 Predicted MQL: 0.075339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00040	.000	1
S1	.10000	.07781	-.022	-22.2	.00136	.000	1
S2	37.500	39.576	2.08	5.54	.46224	.003	1
S3	75.000	79.128	4.13	5.50	.92380	.007	1
S4	150.00	148.84	-1.16	-.772	1.7375	.013	1
S5	300.00	295.35	-4.65	-1.55	3.4476	.029	1
S6	800.00	799.62	-.377	-.047	9.3252	.111	1

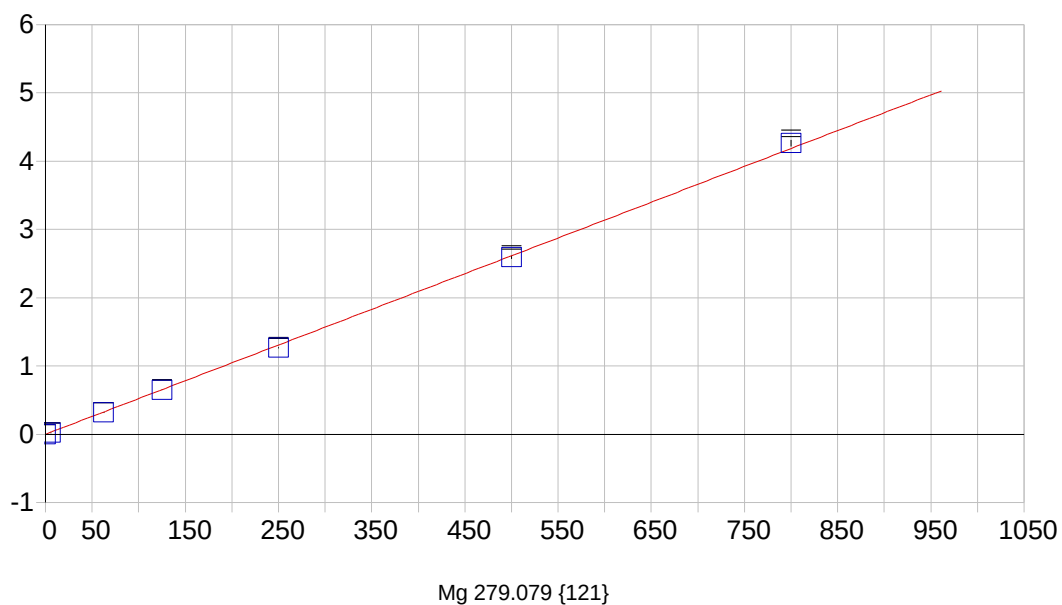


Mn 257.610 {131}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.171234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999471 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.001413
 Predicted MQL: 0.004709

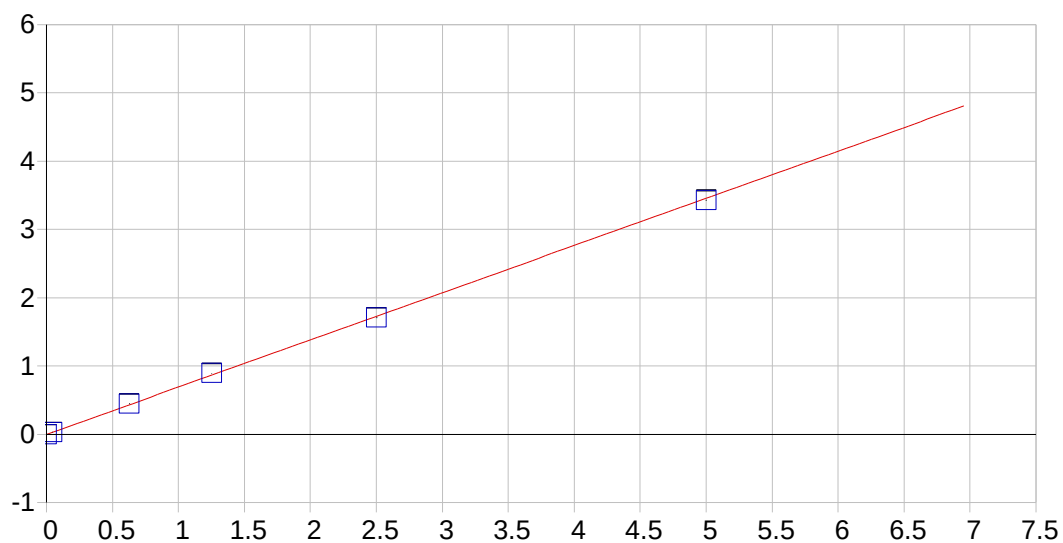
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.01500	.01342	-.002	-10.6	.00279	.001	1
S2	3.7500	4.0498	.300	7.99	.69396	.000	1
S3	7.5000	7.9167	.417	5.56	1.3561	.003	1
S4	15.000	14.858	-.142	-.950	2.5446	.010	1
S5	30.000	29.428	-.572	-1.91	5.0395	.022	1



Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000418 Re-Slope: 1.000000
 A1 (Gain): 0.005232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.060817
 Predicted MQL: 0.202723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	-.00041	.000	1
S1	5.0000	4.4328	-.567	-11.3	.02277	.001	1
S2	62.500	60.917	-1.58	-2.53	.31829	.002	1
S3	125.00	124.45	-.550	-.440	.65068	.005	1
S4	250.00	242.01	-7.99	-3.20	1.2657	.006	1
S5	500.00	495.52	-4.48	-.896	2.5920	.026	1
S6	800.00	815.17	15.2	1.90	4.2644	.046	1

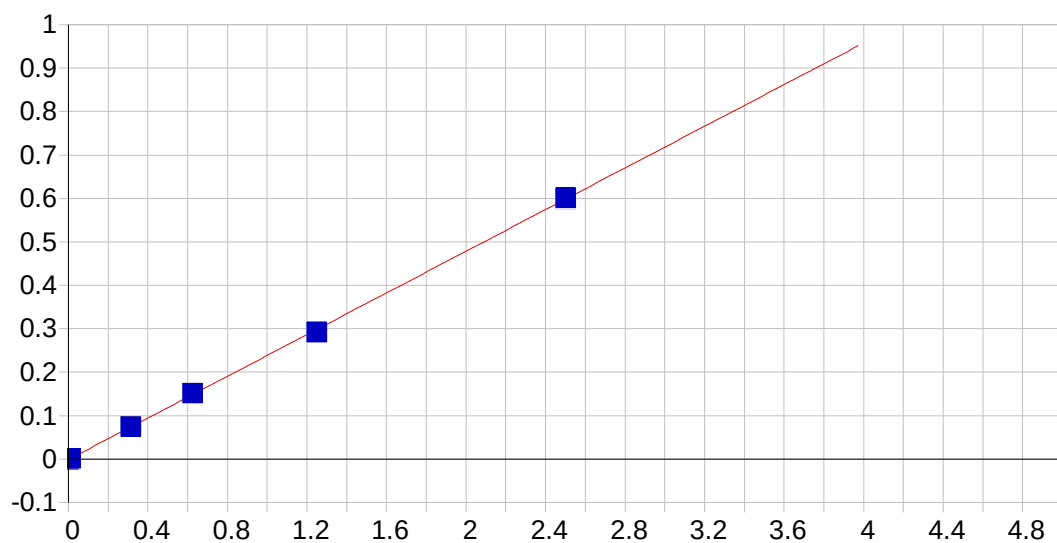


Ni 231.604 {446}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001739 Re-Slope: 1.000000
 A1 (Gain): 0.691630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000305
 Predicted MDL: 0.000373
 Predicted MQL: 0.001243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00174	.000	1
S1	.04000	.03939	-.001	-1.54	.02550	.000	1
S2	.62500	.64845	.023	3.75	.44675	.000	1
S3	1.2500	1.2961	.046	3.69	.89471	.004	1
S4	2.5000	2.4707	-.029	-1.17	1.7070	.002	1
S5	5.0000	4.9604	-.040	-.793	3.4290	.011	1

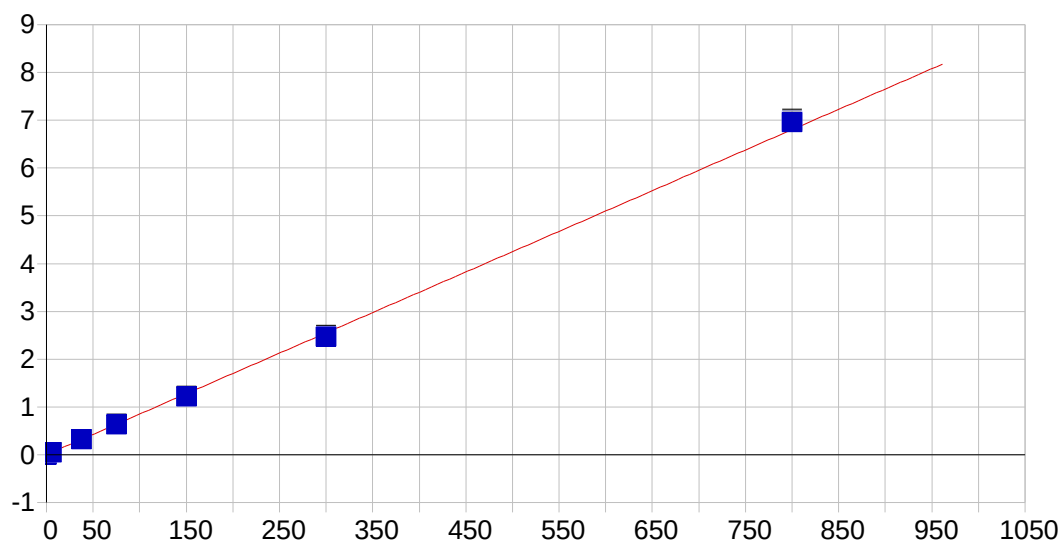


Ag 328.068 {103}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001202 Re-Slope: 1.000000
 A1 (Gain): 0.239779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000533
 Predicted MQL: 0.001778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.01000	.00989	.000	-1.15	.00115	.000	1
S2	.31250	.31562	.003	.999	.07399	.000	1
S3	.62500	.63666	.012	1.87	.15048	.000	1
S4	1.2500	1.2233	-.027	-2.14	.29016	.001	1
S5	2.5000	2.5120	.012	.482	.59722	.001	1

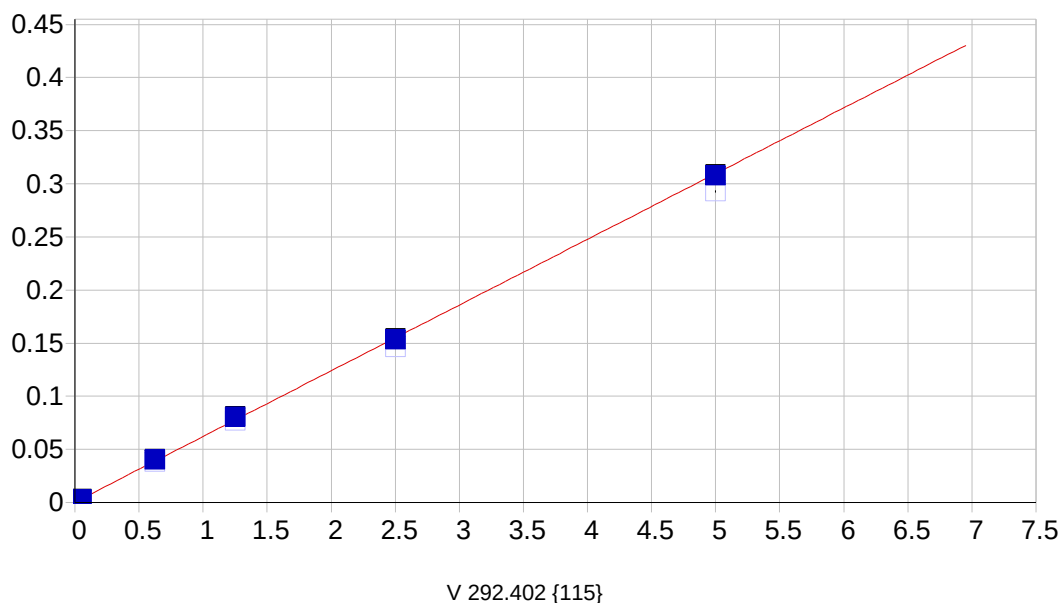


Na 818.326 { 41}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001332	Re-Slope: 1.000000
A1 (Gain):	0.008500	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999575	Status: OK.
Std Error of Est:	0.000770	
Predicted MDL:	0.301630	
Predicted MQL:	1.005434	

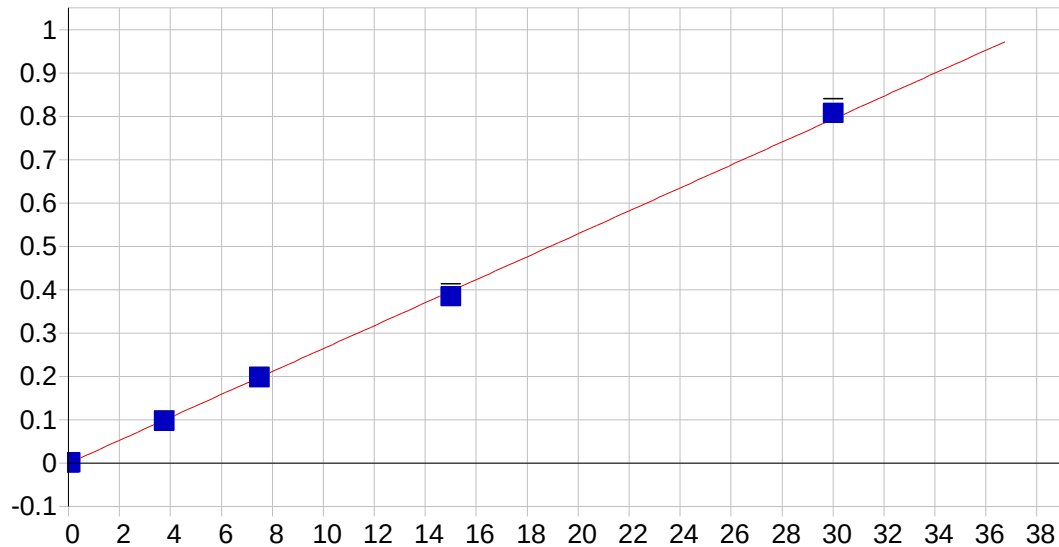
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00091	.001	.000	.00134	.002	1
S1	5.0000	4.4871	-.513	-10.3	.03948	.001	1
S2	37.500	36.873	-.627	-1.67	.31619	.002	1
S3	75.000	74.581	-.419	-5.58	.63813	.006	1
S4	150.00	142.70	-7.30	-4.87	1.2200	.005	1
S5	300.00	290.23	-9.77	-3.26	2.4798	.025	1
S6	800.00	818.62	18.6	2.33	6.9902	.034	1



Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.061863 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.006291
 Predicted MQL: 0.020970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00032	.000	1
S1	.05000	.04018	-.010	-19.6	.00280	.000	1
S2	.62500	.64600	.021	3.36	.03843	.001	1
S3	1.2500	1.2952	.045	3.61	.07673	.001	1
S4	2.5000	2.4747	-.025	-1.01	.14600	.001	1
S5	5.0000	4.9694	-.031	-.612	.29291	.001	1

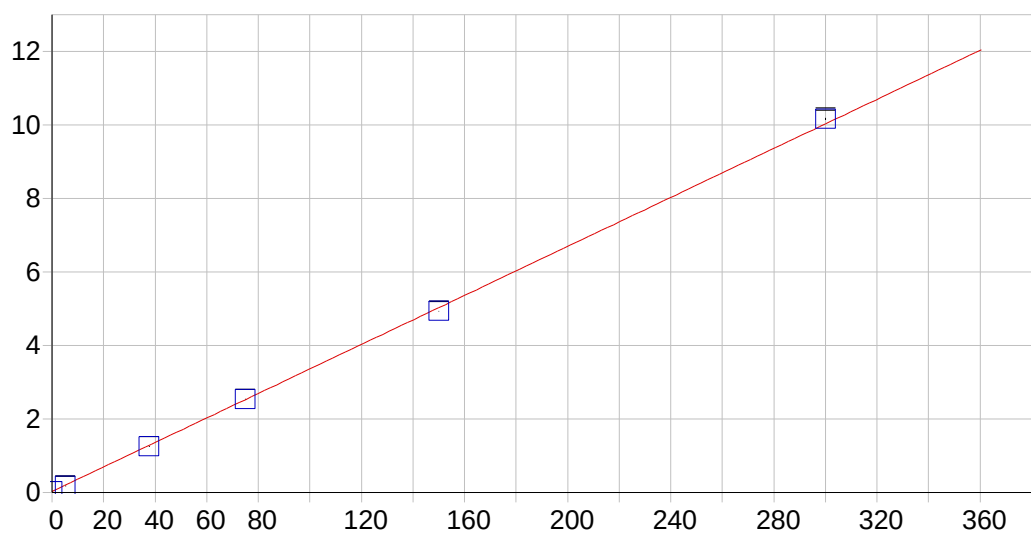


Zn 213.856 {158}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000465 Re-Slope: 1.000000
 A1 (Gain): 0.026462 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.012920
 Predicted MQL: 0.043068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.06000	.05942	-.001	-.975	.00111	.000	1
S2	3.7500	3.6993	-.051	-1.35	.09759	.002	1
S3	7.5000	7.4857	-.014	-.191	.19795	.001	1
S4	15.000	14.530	-.470	-3.14	.38466	.006	1
S5	30.000	30.536	.536	1.79	.80887	.010	1

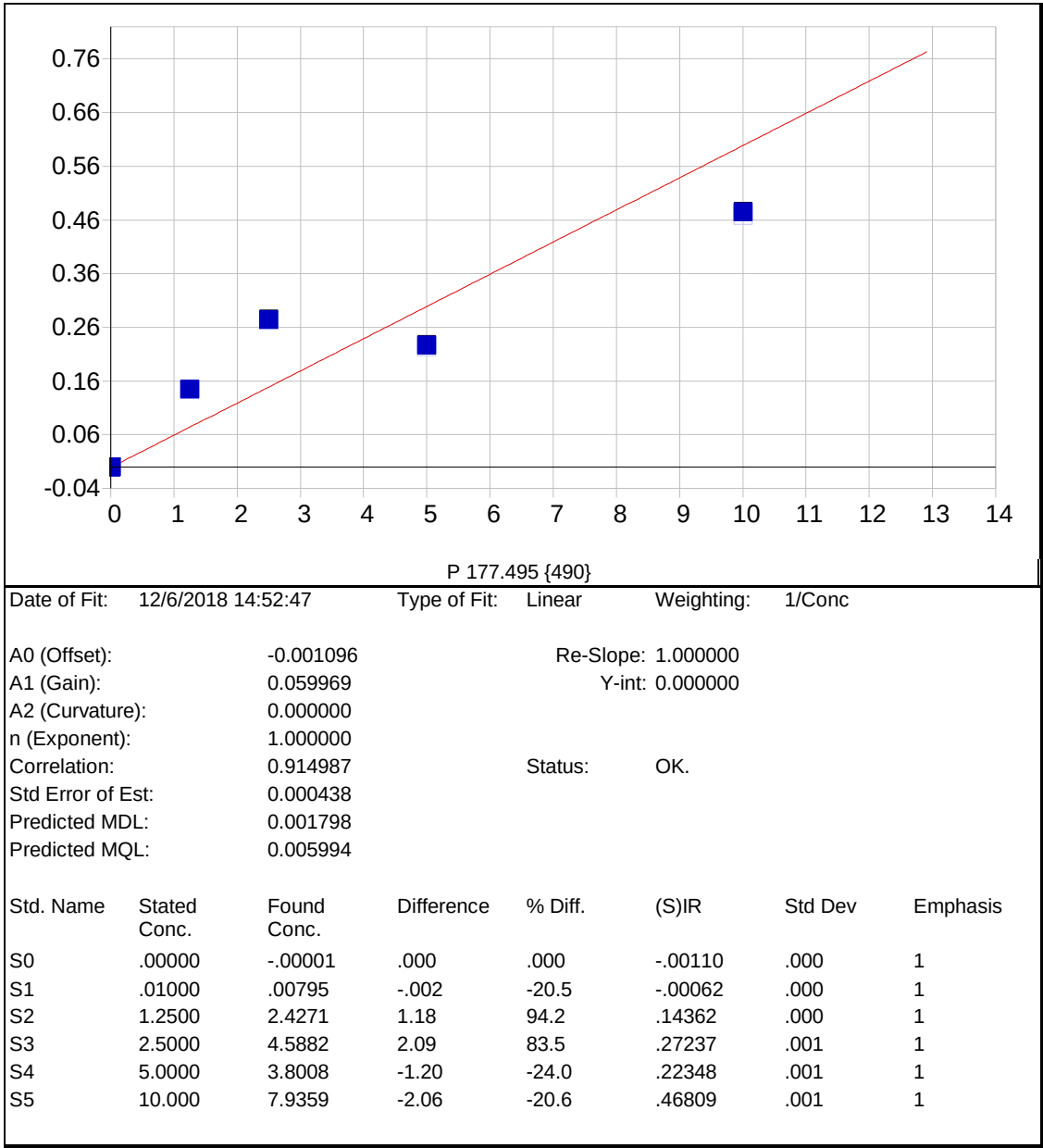


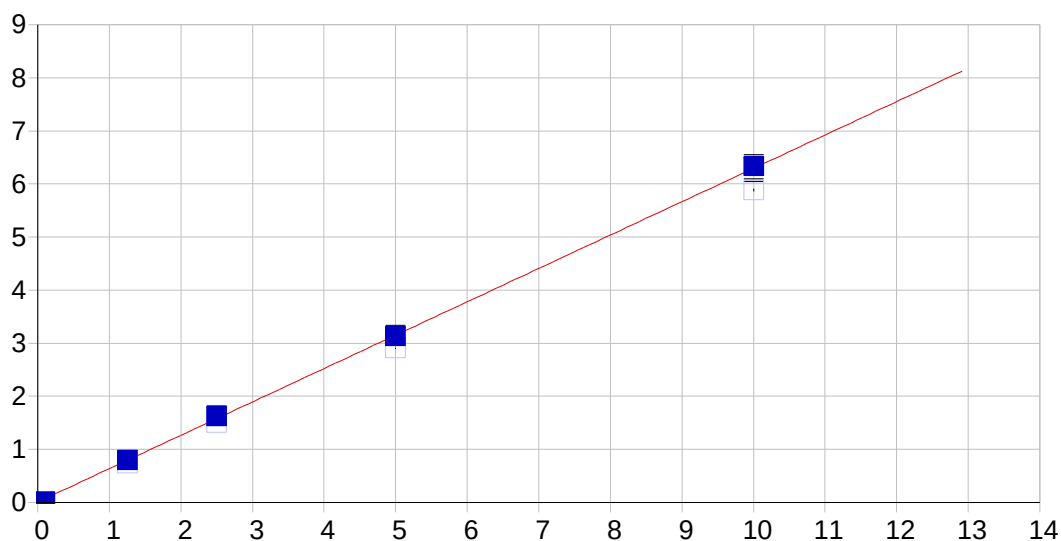
K 769.896 { 44}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.028060	Re-Slope: 1.000000
A1 (Gain):	0.033342	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999817	Status: OK.
Std Error of Est:	0.001314	
Predicted MDL:	0.067982	
Predicted MQL:	0.226606	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	.02809	.001	1
S1	5.0000	4.3627	-.637	-12.7	.17352	.001	1
S2	37.500	36.703	-.797	-2.13	1.2518	.003	1
S3	75.000	75.181	.181	.242	2.5347	.005	1
S4	150.00	147.17	-2.83	-1.88	4.9351	.007	1
S5	300.00	304.08	4.08	1.36	10.167	.026	1



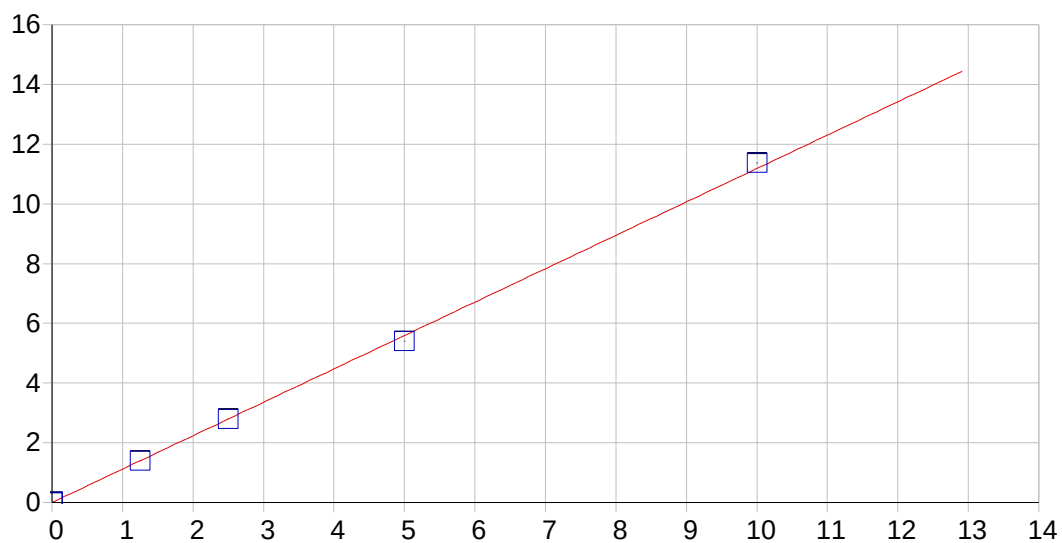


B 249.678 {135}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008664 Re-Slope: 1.000000
 A1 (Gain): 0.628571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997027 Status: OK.
 Std Error of Est: 0.002395
 Predicted MDL: 0.001020
 Predicted MQL: 0.003400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00872	.000	1
S1	.10000	.00264	-.097	-97.4	.01019	.001	1
S2	1.2500	1.2517	.002	.132	.73839	.003	1
S3	2.5000	2.5594	.059	2.37	1.5033	.014	1
S4	5.0000	4.9742	-.026	-.515	2.9072	.011	1
S5	10.000	10.070	.070	.695	5.8819	.028	1

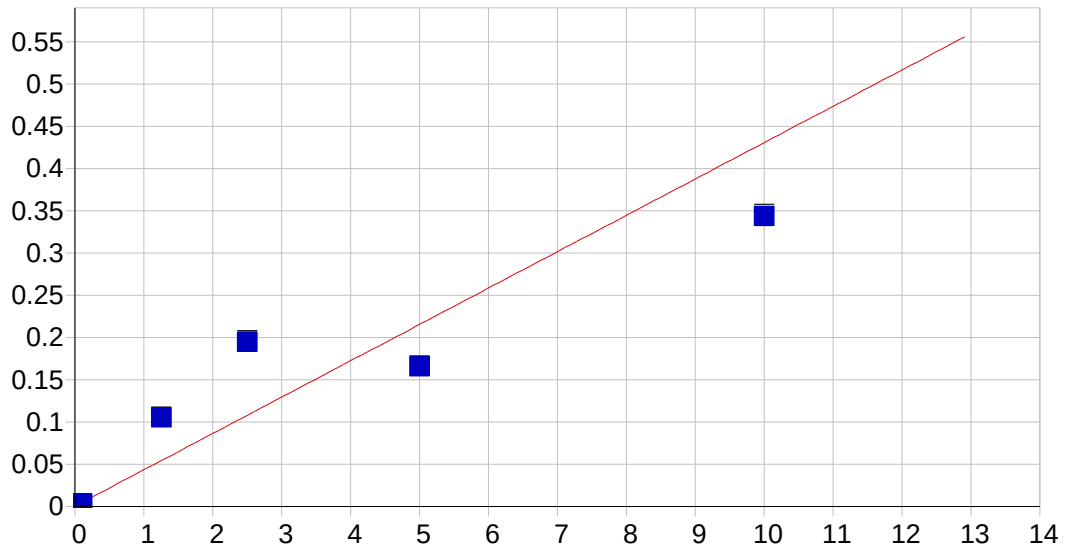


Mo 202.030 {467}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000836 Re-Slope: 1.000000
 A1 (Gain): 1.118213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000405
 Predicted MDL: 0.000237
 Predicted MQL: 0.000791

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00084	.000	1
S1	.01000	.00932	-.001	-6.79	.01126	.000	1
S2	1.2500	1.2453	-.005	-.376	1.3933	.000	1
S3	2.5000	2.5008	.001	.033	2.7973	.011	1
S4	5.0000	4.8315	-.169	-3.37	5.4034	.002	1
S5	10.000	10.173	.173	1.73	11.377	.022	1

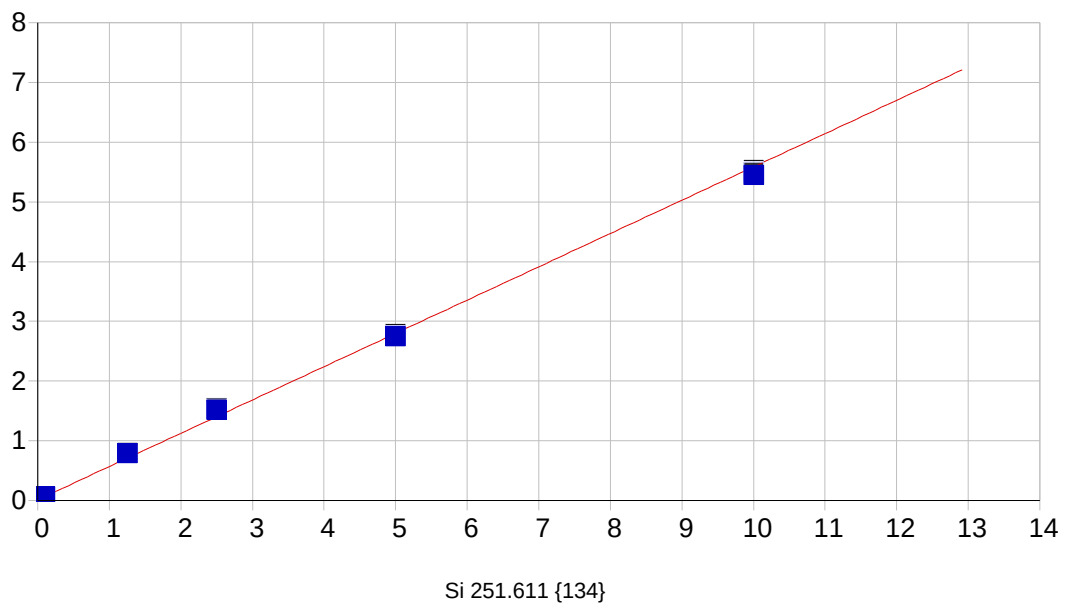


S 182.034 {485}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
 A1 (Gain): 0.043012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.919687 Status: OK.
 Std Error of Est: 0.000978
 Predicted MDL: 0.002791
 Predicted MQL: 0.009303

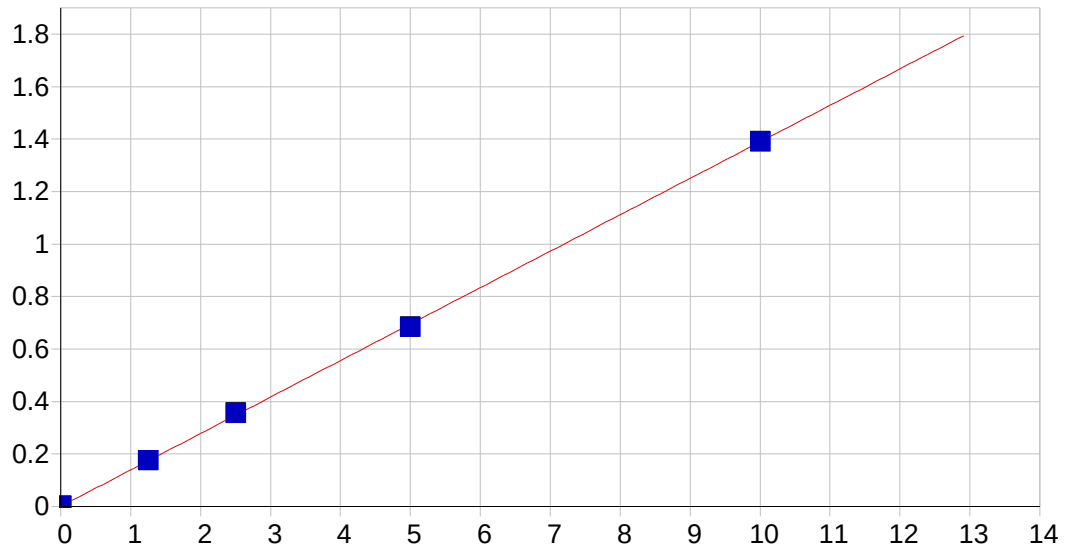
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	.000	.000	.00038	.000	1
S1	.10000	.06372	-.036	-36.3	.00312	.000	1
S2	1.2500	2.4386	1.19	95.1	.10538	.000	1
S3	2.5000	4.5203	2.02	80.8	.19503	.001	1
S4	5.0000	3.8467	-1.15	-23.1	.16629	.001	1
S5	10.000	7.9806	-2.02	-20.2	.34455	.001	1



Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010869 Re-Slope: 1.000000
 A1 (Gain): 0.557441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998942 Status: OK.
 Std Error of Est: 0.001376
 Predicted MDL: 0.001186
 Predicted MQL: 0.003955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01086	.001	1
S1	.10000	.09323	-.007	-6.77	.06304	.001	1
S2	1.2500	1.3894	.139	11.1	.79152	.001	1
S3	2.5000	2.7058	.206	8.23	1.5315	.013	1
S4	5.0000	4.9032	-.097	-1.94	2.7687	.013	1
S5	10.000	9.7585	-.242	-2.42	5.5000	.031	1

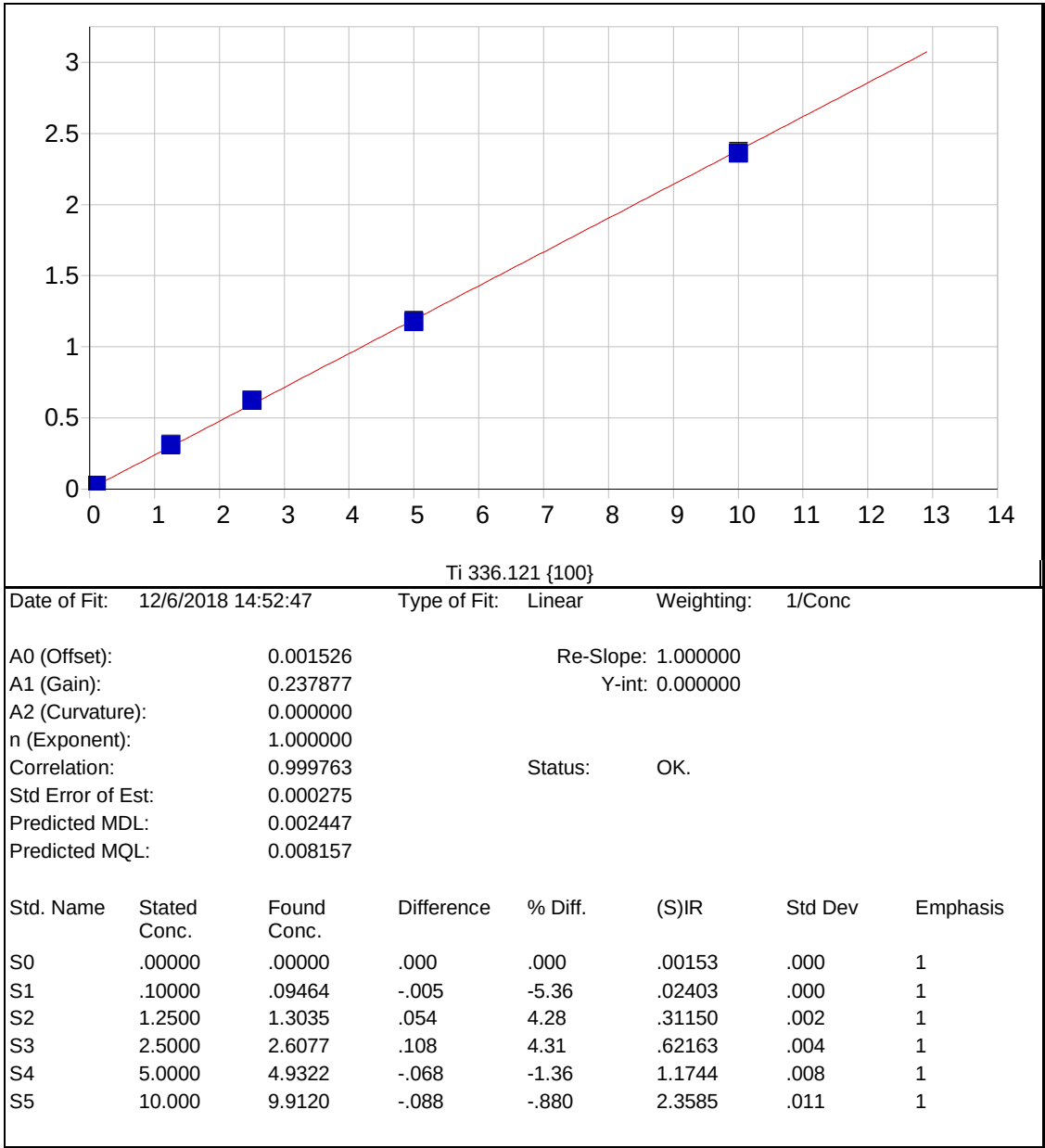


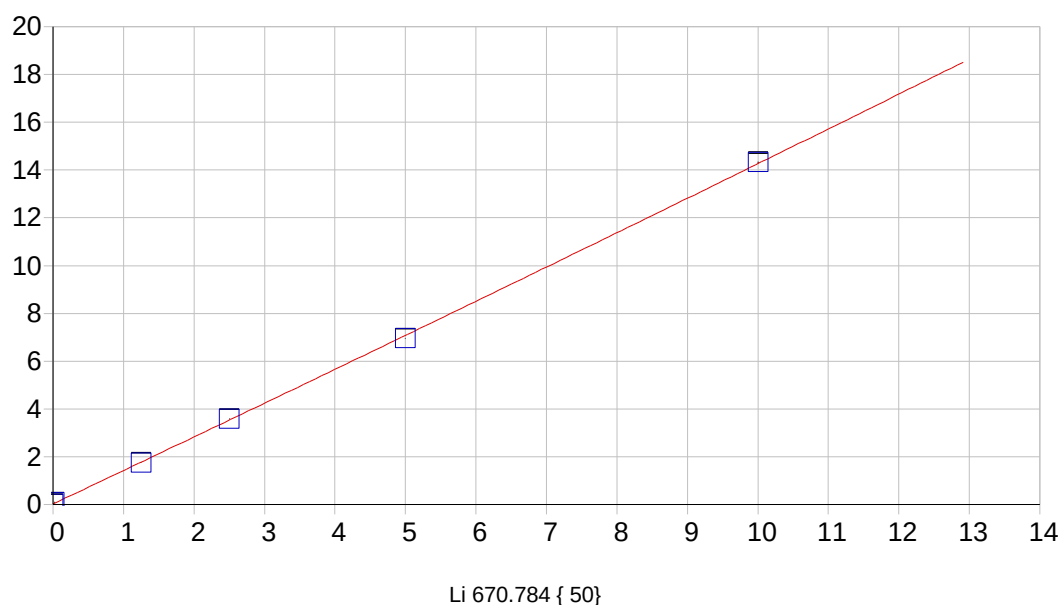
Sn 189.989 {478}

Date of Fit: 12/6/2018 14:52:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.138907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000872
 Predicted MQL: 0.002906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.00700	.00537	-.002	-23.4	.00108	.000	1
S2	1.2500	1.2621	.012	.965	.17531	.001	1
S3	2.5000	2.5629	.063	2.52	.35565	.001	1
S4	5.0000	4.9242	-.076	-1.52	.68294	.001	1
S5	10.000	10.002	.002	.024	1.3869	.003	1





Date of Fit: 12/6/2018 14:52:47

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.022293

Re-Slope: 1.000000

A1 (Gain): 1.398150

Y-int: 0.000000

A2 (Curvature): 0.002616

n (Exponent): 1.000000

Correlation: 0.998396

Status: Warning

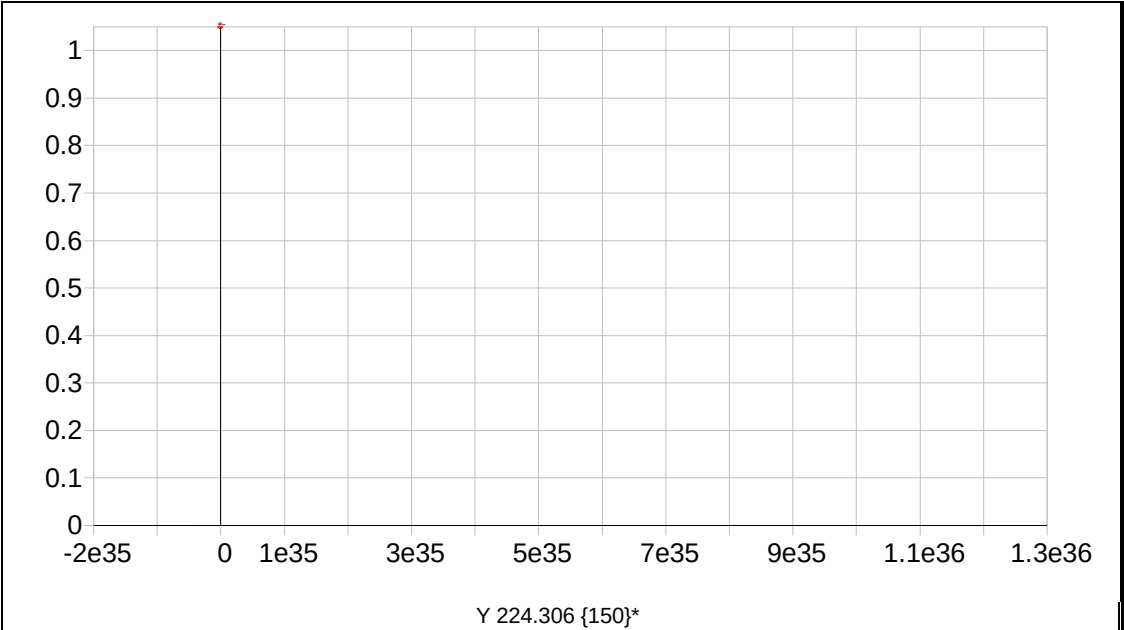
Positive Curvature

Std Error of Est: 0.001905

Predicted MDL: 0.001851

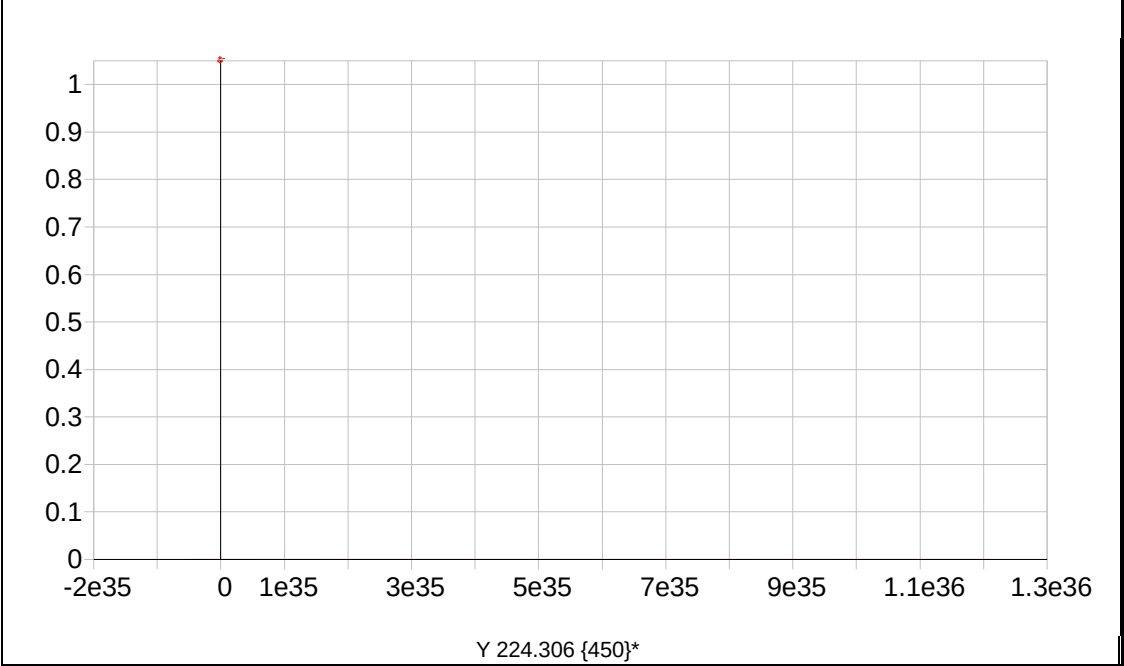
Predicted MQL: 0.006169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.02225	.004	1
S5	10.000	10.037	.037	.368	14.319	.037	1
S4	5.0000	4.9095	-.091	-1.81	6.9495	.019	1
S3	2.5000	2.5383	.038	1.53	3.5881	.004	1
S2	1.2500	1.2355	-.014	-1.16	1.7538	.006	1
S1	.01500	.04482	.030	199.	.08496	.002	1

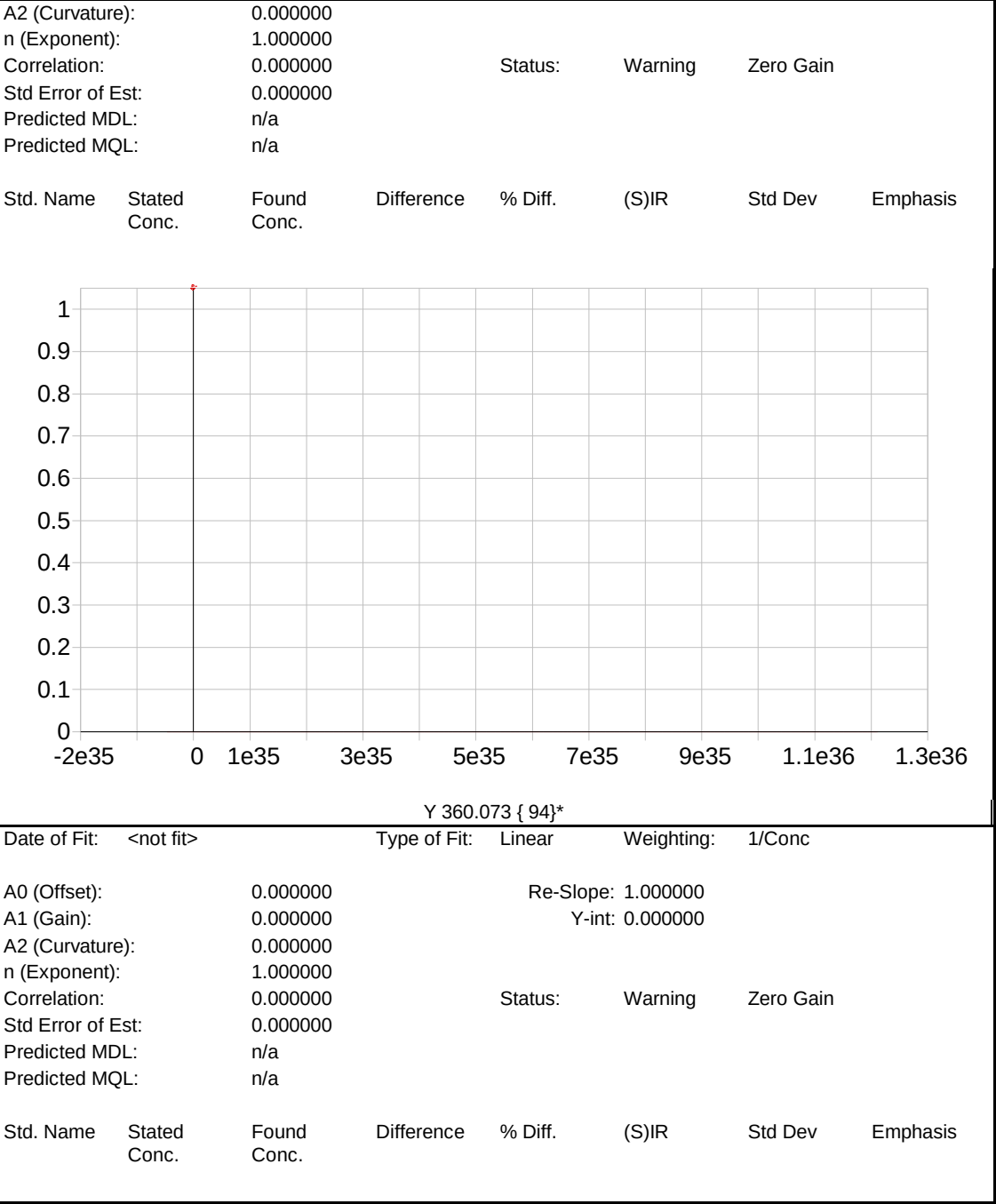


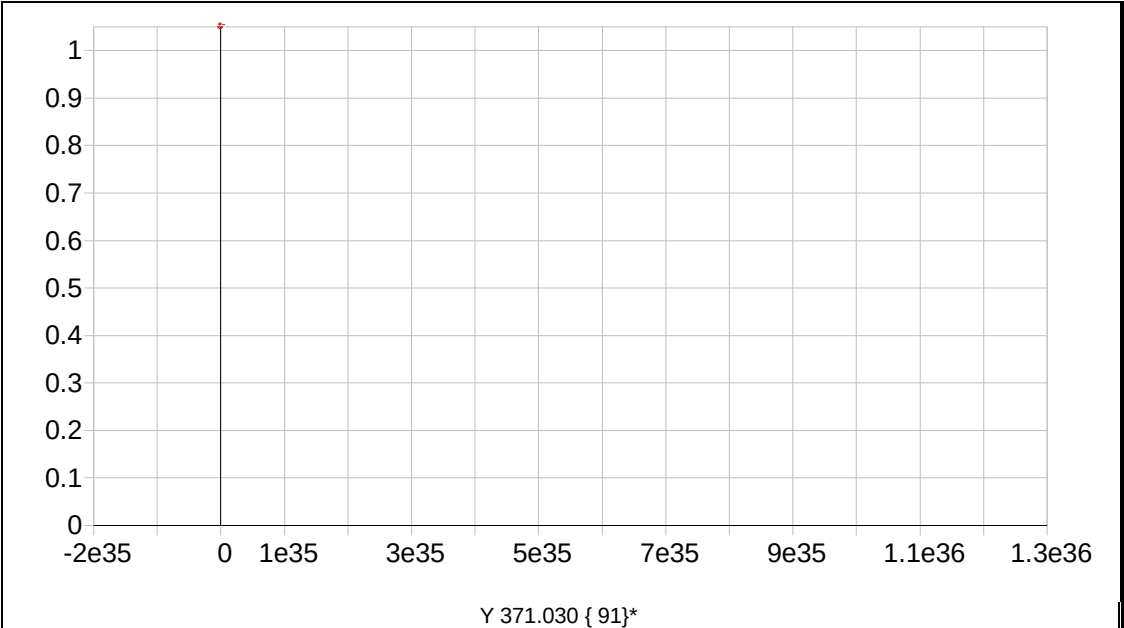
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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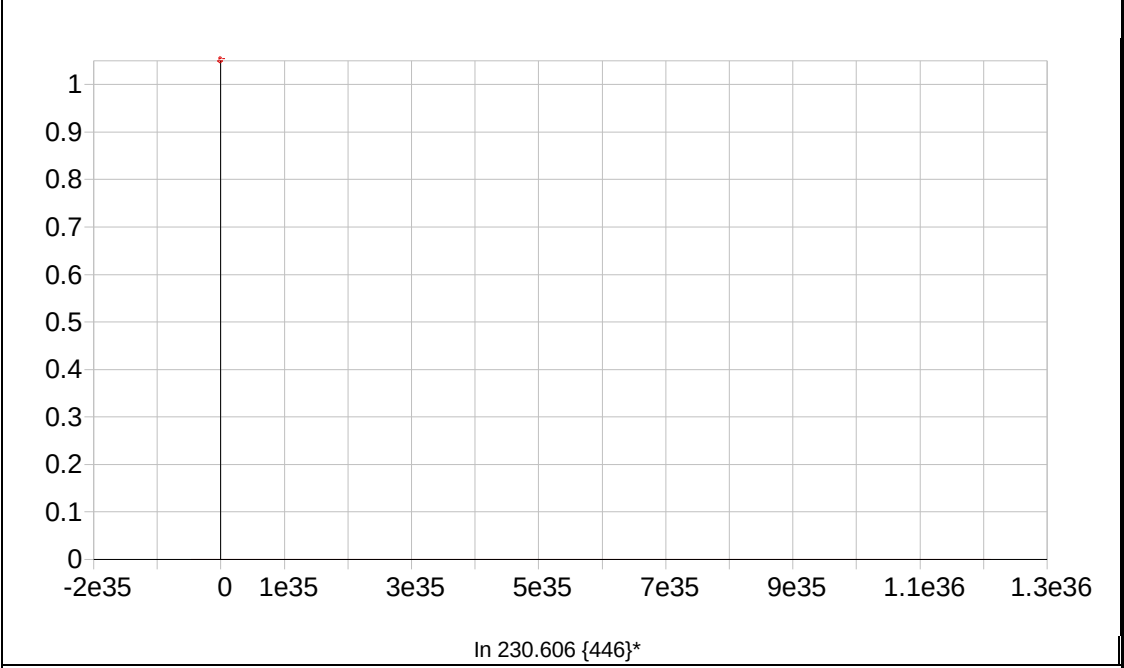
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



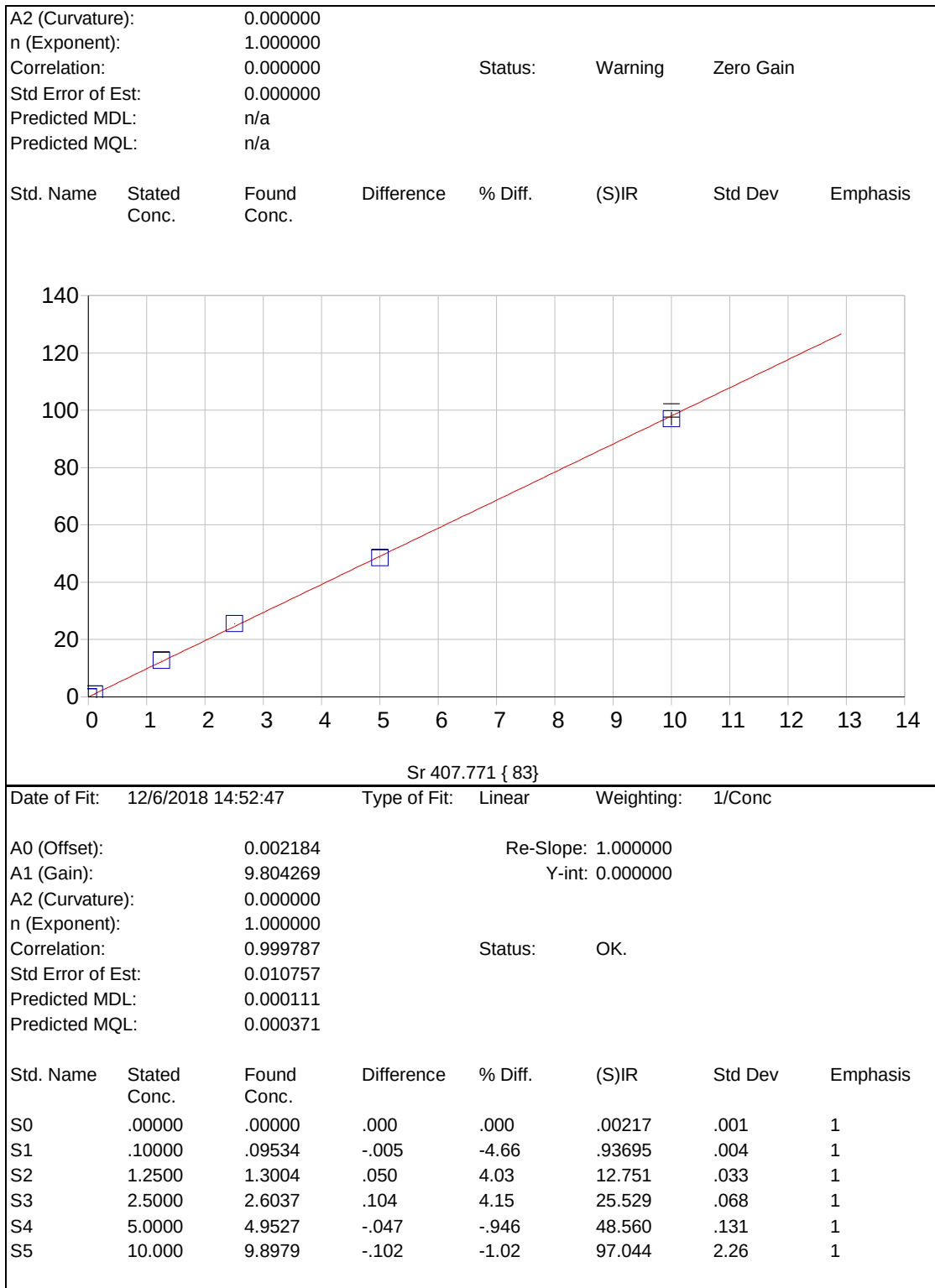


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 12/6/2018 14:16:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	-.00032	-.00065	-.00016	.00079	.00053	.00373	.01889	-.00346
Stddev	.00017	.00007	.00004	.00038	.00012	.00123	.00277	.00023
%RSD	52.195	10.596	22.374	47.718	21.861	33.098	14.671	6.6586

#1	-.00051	-.00058	-.00012	.00074	.00044	.00473	.01765	-.00370
#2	-.00027	-.00072	-.00019	.00044	.00066	.00235	.01696	-.00344
#3	-.00019	-.00065	-.00017	.00119	.00049	.00410	.02207	-.00324

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	.00068	.00249	.00011	.00028	.00130	.00040	.00050	-.00041
Stddev	.00015	.00058	.00004	.00011	.00039	.00017	.00011	.00020
%RSD	22.820	23.188	35.122	40.512	30.062	42.721	22.900	47.770

#1	.00067	.00290	.00015	.00041	.00157	.00020	.00038	-.00038
#2	.00052	.00275	.00007	.00023	.00085	.00049	.00049	-.00023
#3	.00083	.00183	.00011	.00019	.00148	.00051	.00061	-.00062

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	-.00174	-.00120	.00134	.00032	-.00046	.02809	-.00110	.00872
Stddev	.00016	.00011	.00182	.00021	.00016	.00082	.00003	.00025
%RSD	9.3977	8.8357	136.14	65.130	33.771	2.9176	3.0647	2.8508

#1	-.00156	-.00130	.00191	.00054	-.00050	.02800	-.00110	.00900
#2	-.00178	-.00122	.00281	.00028	-.00029	.02894	-.00106	.00863
#3	-.00188	-.00109	-.00070	.00013	-.00060	.02731	-.00113	.00853

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	.00084	.00038	.01086	.00036	.00153	.02225	.00217	
Stddev	.00019	.00009	.00056	.00008	.00014	.00367	.00063	
%RSD	22.906	24.803	5.1615	22.659	9.2855	16.500	29.070	

#1	.00092	.00048	.01096	.00037	.00138	.01816	.00182	
#2	.00062	.00030	.01026	.00044	.00154	.02527	.00290	
#3	.00097	.00034	.01137	.00028	.00166	.02332	.00179	

Sample Name: S0 Acquired: 12/6/2018 14:16:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2195.8	2535.4	46007.	4521.3	3887.1
Stddev	9.5	6.3	90.	12.2	7.2
%RSD	.43221	.24767	.19618	.26885	.18607
#1	2185.4	2538.0	46083.	4517.6	3887.4
#2	2204.0	2539.9	45908.	4511.5	3894.2
#3	2198.0	2528.2	46031.	4534.9	3879.7

Sample Name: S1 Acquired: 12/6/2018 14:20:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00005	.00136	.00145	.00396	.01312	.01997	.79164	.05000
Stddev	.00015	.00018	.00012	.00028	.00007	.00078	.00228	.00054
%RSD	314.59	13.377	8.1595	7.1124	.55698	3.9048	.28784	1.0780

#1	.00008	.00131	.00155	.00427	.01313	.02002	.78906	.04952
#2	-.00011	.00156	.00148	.00372	.01305	.02073	.79339	.04990
#3	.00017	.00121	.00132	.00388	.01319	.01917	.79246	.05058

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	.01536	.19217	.00189	.03410	.00459	.00136	.00279	.02277
Stddev	.00022	.00168	.00009	.00002	.00035	.00010	.00052	.00054
%RSD	1.4006	.87458	4.5784	.07050	7.6436	7.3620	18.532	2.3723

#1	.01527	.19139	.00198	.03408	.00450	.00144	.00220	.02281
#2	.01520	.19410	.00181	.03411	.00429	.00125	.00309	.02221
#3	.01560	.19102	.00188	.03413	.00498	.00137	.00309	.02329

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	.02550	.00115	.03948	.00280	.00111	.17352	-.00062	.01019
Stddev	.00016	.00007	.00071	.00007	.00018	.00073	.00012	.00054
%RSD	.62226	6.4961	1.7991	2.5039	15.818	.42320	19.995	5.3335

#1	.02544	.00116	.03924	.00279	.00102	.17391	-.00070	.01029
#2	.02539	.00122	.04028	.00287	.00100	.17267	-.00048	.01069
#3	.02568	.00107	.03892	.00273	.00131	.17398	-.00068	.00961

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	.01126	.00312	.06304	.00108	.02403	.08496	.93695	
Stddev	.00026	.00010	.00064	.00001	.00045	.00166	.00382	
%RSD	2.3062	3.1494	1.0148	1.1700	1.8518	1.9543	.40815	

#1	.01141	.00320	.06333	.00107	.02363	.08395	.93363	
#2	.01096	.00301	.06230	.00107	.02396	.08407	.94113	
#3	.01141	.00316	.06348	.00109	.02451	.08688	.93610	

Sample Name: S1 Acquired: 12/6/2018 14:20:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2206.1	2516.7	46283.	4543.7	3916.0
Stddev	15.1	1.2	128.	21.2	6.3
%RSD	.68427	.04720	.27608	.46679	.16001
#1	2219.1	2515.6	46399.	4519.9	3914.1
#2	2189.5	2518.0	46146.	4560.5	3910.9
#3	2209.7	2516.6	46303.	4550.7	3923.0

Sample Name: S2 Acquired: 12/6/2018 14:24:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.05890	.11019	1.1333	.13140	.28358	3.2851	10.333	1.4835
Stddev	.00033	.00032	.0006	.00011	.00061	.0038	.029	.0066
%RSD	.55944	.29169	.05075	.08740	.21349	.11495	.28072	.44789

#1	.05926	.10991	1.1338	.13127	.28365	3.2884	10.357	1.4826
#2	.05861	.11011	1.1335	.13145	.28294	3.2861	10.341	1.4906
#3	.05884	.11054	1.1327	.13148	.28414	3.2810	10.300	1.4774

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	2.0054	2.5183	.73468	.46847	.52067	.46224	.69396	.31829
Stddev	.0019	.0045	.00264	.00026	.00252	.00322	.00040	.00153
%RSD	.09540	.18040	.35997	.05462	.48473	.69592	.05800	.48093

#1	2.0072	2.5160	.73341	.46842	.52012	.46303	.69352	.32003
#2	2.0054	2.5155	.73292	.46874	.51848	.46500	.69430	.31767
#3	2.0034	2.5236	.73772	.46824	.52343	.45871	.69406	.31716

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	.44675	.07399	.31619	.03843	.09759	1.2518	.14362	.73839
Stddev	.00024	.00033	.00179	.00074	.00151	.0029	.00049	.00267
%RSD	.05413	.43994	.56713	1.9170	1.5450	.23097	.33922	.36222

#1	.44694	.07376	.31748	.03927	.09931	1.2519	.14307	.74131
#2	.44683	.07384	.31414	.03795	.09691	1.2546	.14401	.73782
#3	.44648	.07436	.31694	.03805	.09653	1.2488	.14377	.73605

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	1.3933	.10538	.79152	.17531	.31150	1.7538	12.751	
Stddev	.0005	.00046	.00142	.00058	.00158	.0065	.033	
%RSD	.03467	.43492	.17918	.33187	.50681	.37009	.25617	

#1	1.3938	.10573	.79308	.17555	.31239	1.7580	12.769	
#2	1.3933	.10486	.79031	.17574	.30968	1.7570	12.771	
#3	1.3929	.10554	.79117	.17465	.31244	1.7463	12.714	

Sample Name: S2 Acquired: 12/6/2018 14:24:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2156.1	2401.5	46231.	4521.6	3696.6
Stddev	17.9	4.7	118.	16.1	8.6
%RSD	.83072	.19769	.25488	.35566	.23154
#1	2140.2	2397.8	46154.	4506.6	3689.2
#2	2152.7	2399.8	46367.	4519.6	3694.5
#3	2175.5	2406.8	46172.	4538.6	3706.0

Sample Name: S3 Acquired: 12/6/2018 14:28:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	.11968	.21964	2.2801	.25912	.57112	6.6330	20.794	2.9451
Stddev	.00022	.00098	.0086	.00039	.00120	.0191	.054	.0227
%RSD	.18483	.44562	.37779	.15201	.21097	.28741	.25829	.76986

#1	.11969	.21920	2.2719	.25917	.57100	6.6313	20.830	2.9589
#2	.11945	.21895	2.2793	.25870	.56998	6.6148	20.820	2.9189
#3	.11989	.22076	2.2890	.25949	.57238	6.6528	20.732	2.9574

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9789	4.8764	1.4428	.94101	1.0412	.92380	1.3561	.65068
Stddev	.0172	.0069	.0013	.00502	.0004	.00746	.0026	.00518
%RSD	.43321	.14111	.09198	.53304	.03469	.80801	.19451	.79569

#1	3.9692	4.8710	1.4415	.93727	1.0412	.92352	1.3556	.65126
#2	3.9687	4.8842	1.4427	.93906	1.0416	.91648	1.3590	.64524
#3	3.9988	4.8742	1.4442	.94671	1.0408	.93140	1.3538	.65554

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	.89471	.15048	.63813	.07673	.19795	2.5347	.27237	1.5033
Stddev	.00443	.00047	.00564	.00074	.00078	.0046	.00067	.0136
%RSD	.49496	.31331	.88351	.96855	.39308	.18135	.24522	.90557

#1	.89073	.15005	.63635	.07759	.19870	2.5294	.27173	1.5054
#2	.89392	.15098	.63360	.07635	.19799	2.5372	.27232	1.4888
#3	.89948	.15041	.64445	.07625	.19715	2.5376	.27306	1.5158

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.7973	.19503	1.5315	.35565	.62163	3.5881	25.529	
Stddev	.0106	.00122	.0130	.00080	.00356	.0037	.068	
%RSD	.37974	.62492	.84655	.22483	.57301	.10387	.26498	

#1	2.7906	.19379	1.5349	.35483	.62165	3.5922	25.501	
#2	2.7917	.19508	1.5172	.35570	.61806	3.5872	25.606	
#3	2.8095	.19623	1.5424	.35642	.62518	3.5850	25.480	

Sample Name: S3 Acquired: 12/6/2018 14:28:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	2075.1	2292.0	45356.	4469.7	3502.1
Stddev	11.1	6.3	214.	5.6	10.6
%RSD	.53297	.27518	.47103	.12491	.30372
#1	2080.7	2289.3	45444.	4466.4	3505.5
#2	2062.4	2299.2	45112.	4476.1	3510.7
#3	2082.2	2287.5	45512.	4466.5	3490.2

Sample Name: S4 Acquired: 12/6/2018 14:32:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.23380	.41277	4.4163	.48939	1.1130	12.854	39.956	5.6201
Stddev	.00040	.00137	.0063	.00105	.0008	.050	.075	.0236
%RSD	.17081	.33162	.14383	.21549	.07237	.39172	.18698	.41989

#1	.23400	.41207	4.4103	.48844	1.1132	12.796	39.880	5.6168
#2	.23335	.41189	4.4156	.48920	1.1121	12.882	40.030	5.6451
#3	.23407	.41435	4.4229	.49052	1.1137	12.885	39.958	5.5983

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.5364	9.3683	2.6843	1.8026	1.9822	1.7375	2.5446	1.2657
Stddev	.0111	.0420	.0075	.0014	.0027	.0132	.0102	.0056
%RSD	.14690	.44796	.27978	.07867	.13618	.75928	.40228	.44250

#1	7.5262	9.3250	2.6920	1.8012	1.9793	1.7238	2.5336	1.2595
#2	7.5348	9.4088	2.6838	1.8025	1.9847	1.7387	2.5539	1.2673
#3	7.5481	9.3711	2.6771	1.8040	1.9827	1.7501	2.5463	1.2704

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	1.7070	.29016	1.2200	.14600	.38466	4.9351	.22348	2.9072
Stddev	.0019	.00094	.0053	.00101	.00635	.0067	.00074	.0112
%RSD	.11357	.32467	.43433	.69171	1.6504	.13684	.32945	.38604

#1	1.7049	.28982	1.2142	.14505	.38104	4.9284	.22312	2.9079
#2	1.7074	.29123	1.2212	.14587	.38096	4.9419	.22298	2.9181
#3	1.7088	.28944	1.2246	.14706	.39199	4.9349	.22432	2.8957

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.4034	.16629	2.7687	.68294	1.1744	6.9495	48.560	
Stddev	.0022	.00061	.0132	.00117	.0082	.0190	.131	
%RSD	.04038	.36883	.47508	.17142	.70134	.27326	.26876	

#1	5.4045	.16574	2.7645	.68177	1.1652	6.9297	48.410	
#2	5.4009	.16695	2.7835	.68292	1.1811	6.9676	48.618	
#3	5.4049	.16618	2.7582	.68412	1.1768	6.9512	48.651	

Sample Name: S4 Acquired: 12/6/2018 14:32:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1985.6	2146.5	44760.	4394.8	3284.7
Stddev	18.5	2.7	331.	10.0	3.1
%RSD	.93371	.12809	.73861	.22755	.09362
#1	1995.5	2144.3	44742.	4404.7	3283.9
#2	1997.1	2149.6	45099.	4384.7	3288.2
#3	1964.2	2145.6	44439.	4394.8	3282.2

Sample Name: S5 Acquired: 12/6/2018 14:35:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.49860	.81517	8.9865	.99107	2.3759	26.471	79.332	11.139
Stddev	.00093	.00263	.0256	.00065	.0043	.104	1.193	.073
%RSD	.18623	.32266	.28547	.06547	.18021	.39252	1.5038	.65811

#1	.49791	.81362	8.9822	.99033	2.3737	26.491	79.930	11.219
#2	.49824	.81368	8.9633	.99154	2.3732	26.563	80.107	11.119
#3	.49966	.81820	9.0141	.99134	2.3808	26.358	77.958	11.077

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.036	18.751	5.2690	3.6472	4.0089	3.4476	5.0395	2.5920
Stddev	.030	.025	.0159	.0118	.0102	.0294	.0223	.0255
%RSD	.19759	.13455	.30269	.32412	.25419	.85407	.44269	.98466

#1	15.021	18.731	5.2532	3.6442	3.9984	3.4412	5.0272	2.5836
#2	15.016	18.742	5.2688	3.6372	4.0095	3.4797	5.0261	2.6207
#3	15.070	18.779	5.2851	3.6603	4.0188	3.4218	5.0653	2.5718

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4290	.59722	2.4798	.29291	.80887	10.167	.46809	5.8819
Stddev	.0109	.00147	.0253	.00112	.00988	.026	.00127	.0277
%RSD	.31844	.24689	1.0196	.38346	1.2209	.25288	.27025	.47121

#1	3.4295	.59769	2.4912	.29260	.79829	10.174	.46674	5.9054
#2	3.4179	.59841	2.4973	.29415	.81784	10.188	.46830	5.8889
#3	3.4397	.59557	2.4508	.29197	.81050	10.138	.46924	5.8513

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	11.377	.34455	5.5000	1.3869	2.3585	14.319	97.044	
Stddev	.022	.00149	.0306	.0033	.0112	.037	2.260	
%RSD	.18917	.43185	.55697	.23761	.47435	.25656	2.3288	

#1	11.368	.34340	5.5295	1.3841	2.3597	14.347	98.659	
#2	11.360	.34401	5.5020	1.3861	2.3691	14.333	98.012	
#3	11.401	.34623	5.4684	1.3905	2.3468	14.277	94.461	

Sample Name: S5 Acquired: 12/6/2018 14:35:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	1832.7	1910.2	43440.	4287.5	3002.2
Stddev	8.4	4.4	99.	35.6	7.1
%RSD	.45733	.22862	.22746	.83034	.23776
#1	1836.4	1908.7	43537.	4253.8	3001.7
#2	1823.1	1915.1	43339.	4283.8	3009.6
#3	1838.6	1906.8	43443.	4324.8	2995.4

Sample Name: S6 Acquired: 12/6/2018 14:39:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: IR Corr. Factor: 1.000000
User: BIN 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	71.817	30.587	9.3252	4.2644	6.9902
Stddev	.425	.072	.1109	.0457	.0343
%RSD	.59158	.23557	1.1896	1.0711	.49032

#1	71.391	30.533	9.2020	4.2124	6.9668
#2	71.819	30.561	9.3564	4.2830	6.9742
#3	72.241	30.669	9.4172	4.2978	7.0295

Int. Std.	Y_3710
Units	Cts/S
Avg	4208.7
Stddev	5.3
%RSD	.12703

#1	4211.6
#2	4212.0
#3	4202.6

Sample Name: ICV Acquired: 12/6/2018 14:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9425253	1.056029	.9415822	1.013026	.9835067	2.356671
Stddev	.0067621	.001841	.0019973	.006457	.0021047	.009966
%RSD	.7174406	.1743481	.2121231	.6373569	.2140023	.4228710

#1	.9458668	1.056953	.9432525	1.005979	.9853454	2.345586
#2	.9347430	1.053908	.9393698	1.014441	.9812110	2.364887
#3	.9469661	1.057225	.9421242	1.018657	.9839638	2.359541

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133298	.4994741	.5011304	10.30971	.5039972	.4932199
Stddev	.0008578	.0025768	.0012613	.02490	.0009649	.0011130
%RSD	.1671128	.5158933	.2516988	.2415058	.1914481	.2256682

#1	.5139940	.4987214	.5003616	10.31974	.5049758	.4919400
#2	.5123613	.5023433	.5004434	10.28136	.5039692	.4939614
#3	.5136341	.4973574	.5025861	10.32803	.5030466	.4937582

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5315061	5.384893	.5166848	5.842651	.5070124	F .4452105
Stddev	.0061269	.053610	.0012434	.025562	.0016142	.0014037
%RSD	1.152753	.9955703	.2406507	.4375103	.3183759	.3152973

#1	.5347493	5.333664	.5163664	5.830591	.5052797	.4467681
#2	.5353298	5.440604	.5156315	5.825350	.5072839	.4448204
#3	.5244393	5.380412	.5180564	5.872013	.5084737	.4440431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.808937	.5259337	.9727567	9.692866	F .0008222	F .0060271
Stddev	.281345	.0031397	.0083471	.021285	.0013010	.0011224
%RSD	2.868253	.5969847	.8580894	.2195904	158.2309	18.62235

#1	10.07147	.5262797	.9777882	9.668821	.0017643	.0069506
#2	9.51195	.5288861	.9631215	9.700484	.0013644	.0063528
#3	9.84339	.5226353	.9773605	9.709294	-.000662	.0047779

Sample Name: ICV Acquired: 12/6/2018 14:44:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN 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 .0003228	F .0035139	F .0016054	F -.000261	F -.001082	F .0097294
Stddev	.0002576	.0015610	.0005730	.000418	.001596	.0017502
%RSD	79.79362	44.42372	35.69275	159.9682	147.4306	17.98846

#1	.0001807	.0040979	.0017909	-.000570	-.002923	.0098088
#2	.0006201	.0017451	.0020627	.000214	-.000107	.0114385
#3	.0001676	.0046987	.0009626	-.000427	-.000217	.0079409

Elem	Sr4077
Units	ppm
Avg	F .0112760
Stddev	.0000800
%RSD	.7097517

#1	.0113651
#2	.0112102
#3	.0112529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.489	2435.235	46450.66	4488.322	3880.031
Stddev	9.876	7.002	114.71	30.452	1.895
%RSD	.4486039	.2875173	.2469556	.6784680	.0488273

#1	2212.652	2428.121	46580.26	4491.633	3878.900
#2	2193.890	2442.119	46362.17	4456.350	3882.219
#3	2197.925	2435.465	46409.54	4516.983	3878.975

Sample Name: ICB Acquired: 12/6/2018 14:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.001990	.0010178	.0001834	-.003190	-.000083	.0065459	.0002904
Stddev	.005005	.0000826	.0003666	.003549	.000421	.0038185	.0002082
%RSD	251.4512	8.110634	199.9395	111.2271	506.4152	58.33351	71.70673

#1	-.001094	.0010088	.0002856	-.001208	.000049	.0059563	.0005106
#2	.002506	.0011045	-.000224	-.007287	.000257	.0106250	.0000967
#3	-.007383	.0009401	.000488	-.001076	-.000555	.0030566	.0002638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000613	-.000006	.0110947	-.000383	-.000192	-.004277	-.016137
Stddev	.0000571	.000065	.0051082	.000135	.000077	.004053	.009964
%RSD	93.10228	1084.473	46.04218	35.18543	40.27201	94.76312	61.74656

#1	.0000489	.000067	.0054480	-.000466	-.000266	-.003916	-.004696
#2	.0000115	-.000030	.0124416	-.000228	-.000199	-.000417	-.022910
#3	.0001236	-.000055	.0153945	-.000455	-.000112	-.008499	-.020805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002632	.0132713	.0000591	.0011803	-.214191	-.003000	.0024866
Stddev	.001482	.0672689	.0003507	.0000963	.231676	.002413	.0206183
%RSD	56.32472	506.8757	592.9311	8.162952	108.1633	80.43558	829.1945

#1	-.003404	.0713265	.0002296	.0010878	-.476890	-.001310	-.017757
#2	-.000923	.0289349	-.000344	.0012801	-.126614	-.001926	.001757
#3	-.003568	-.060447	.000292	.0011730	-.039070	-.005763	.023460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141881	-.000813	-.002882	.0000981	-.002981	-.004616	-.000916
Stddev	.0390023	.001221	.000531	.0002308	.000301	.000636	.000451
%RSD	274.8944	150.1679	18.43512	235.2023	10.08947	13.78038	49.24508

#1	.0541548	-.000717	-.002270	-.000166	-.002637	-.004000	-.001436
#2	-.023772	.000357	-.003146	.000260	-.003195	-.004576	-.000628
#3	.012182	-.002079	-.003230	.000201	-.003110	-.005270	-.000684

Sample Name: ICB Acquired: 12/6/2018 14:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000076	.0038953	-.000168
Stddev	.002858	.0020444	.000082
%RSD	3760.571	52.48407	48.66353

#1	-.002832	.0023188	-.000250
#2	-.000270	.0062053	-.000168
#3	.002874	.0031619	-.000087

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.696	2432.961	46160.40	4486.110	3860.461
Stddev	12.561	4.425	44.71	17.061	7.839
%RSD	.5744277	.1818681	.0968507	.3803071	.2030637

#1	2174.780	2437.987	46121.98	4504.360	3866.884
#2	2185.491	2429.655	46209.47	4470.560	3862.772
#3	2199.816	2431.240	46149.76	4483.410	3851.726

Sample Name: ICSA Acquired: 12/6/2018 15:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003317	.0055580	-.000469	-.020881	.0038379	241.9217
Stddev	.003918	.0010938	.000917	.002299	.0027001	1.1842
%RSD	118.1151	19.67873	195.2678	11.00929	70.35399	.4894796

#1	.001022	.0044566	.000588	-.022738	.0045496	240.6495
#2	-.004379	.0055735	-.001033	-.021594	.0061109	242.1240
#3	-.006594	.0066439	-.000963	-.018310	.0008532	242.9918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041074	.0008514	.0005784	249.3551	.0569209	-.000424
Stddev	.0009594	.0000271	.0000820	.5990	.0004690	.000083
%RSD	23.35767	3.179970	14.17487	.2402012	.8239495	19.56490

#1	.0047794	.0008678	.0006572	248.6635	.0569552	-.000399
#2	.0045342	.0008663	.0005846	249.6955	.0573717	-.000516
#3	.0030087	.0008202	.0004935	249.7063	.0564356	-.000356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002088	105.9678	.0095316	256.2277	-.000401	-.008554
Stddev	.003392	.8796	.0007602	1.4456	.000566	.000121
%RSD	162.4893	.8300585	7.975151	.5641940	140.8880	1.415362

#1	-.004178	105.0710	.0103795	254.6208	-.000415	-.008416
#2	.001826	106.0034	.0093043	256.6395	-.000960	-.008642
#3	-.003911	106.8291	.0089111	257.4227	.000171	-.008604

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.531586	-.003074	.0106672	-.223149	.0072638	F .0103842
Stddev	.157835	.004918	.0130857	.046754	.0021975	.0051542
%RSD	29.69142	159.9960	122.6729	20.95182	30.25215	49.63499

#1	-.713666	-.008729	.0235577	-.271308	.0082907	.0059552
#2	-.433679	.000203	.0110492	-.177940	.0087600	.0091558
#3	-.447413	-.000695	-.002605	-.220201	.0047409	.0160416

Sample Name: ICSA Acquired: 12/6/2018 15:05:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012771	.0012810	-.007422	-.001916	-.002385	.0068754
Stddev	.0001188	.0035740	.002127	.001041	.001296	.0008885
%RSD	9.301002	278.9994	28.65790	54.32165	54.34628	12.92217

#1	.0013206	.0041316	-.008752	-.001827	-.001134	.0078313
#2	.0011427	.0024401	-.008546	-.002999	-.002299	.0060748
#3	.0013679	-.002729	-.004969	-.000923	-.003722	.0067201

Elem	Sr4077
Units	ppm
Avg	.1007576
Stddev	.0001231
%RSD	.1221635

#1	.1008997
#2	.1006890
#3	.1006842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.098	2258.998	44650.10	4405.869	3410.194
Stddev	4.830	2.662	122.88	27.547	8.284
%RSD	.2330818	.1178359	.2752137	.6252387	.2429048

#1	2067.762	2256.232	44597.49	4392.368	3400.726
#2	2077.304	2259.222	44562.29	4387.677	3413.754
#3	2071.229	2261.541	44790.53	4437.562	3416.103

Sample Name: ICSAB Acquired: 12/6/2018 15:09:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887500	.1130587	.0497339	.0291583	.5936383	232.6041	.5162556
Stddev	.0044556	.0033857	.0011099	.0043222	.0011856	1.2993	.0028965
%RSD	5.020343	2.994613	2.231653	14.82310	.1997116	.5585882	.5610675

#1	.0836057	.1132128	.0509891	.0327305	.5927078	233.4882	.5162653
#2	.0913902	.1095986	.0493304	.0243538	.5932340	231.1123	.5133543
#3	.0912540	.1163647	.0488822	.0303905	.5949731	233.2118	.5191473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017501	.9833470	239.5435	.5432857	.4907982	.5172084	101.9429
Stddev	.0057071	.0005710	.7560	.0010017	.0004598	.0041230	.5749
%RSD	1.137437	.0580647	.3156172	.1843682	.0936801	.7971573	.5639175

#1	.5068611	.9830816	239.6422	.5444412	.4903320	.5145686	102.3535
#2	.5027974	.9829571	238.7429	.5427506	.4908112	.5150973	101.2859
#3	.4955919	.9840024	240.2453	.5426653	.4912513	.5219594	102.1893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5116641	246.2767	.9855610	.1884173	-.469865	.5288646	.9861797
Stddev	.0016899	2.5331	.0027185	.0003025	.119431	.0013663	.0087159
%RSD	.3302776	1.028565	.2758321	.1605600	25.41817	.2583444	.8838014

#1	.5126437	248.6065	.9830388	.1880919	-.606063	.5283808	.9761955
#2	.5097128	243.5802	.9852037	.1886901	-.420511	.5278061	.9900752
#3	.5126359	246.6432	.9884404	.1884698	-.383022	.5304070	.9922684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.275794	.0036363	.0075023	.0010149	.0050644	-.006078	-.002855
Stddev	.012307	.0023837	.0038208	.0003120	.0017249	.002298	.000336
%RSD	4.462552	65.55352	50.92820	30.74434	34.05921	37.81162	11.74986

#1	-.275461	.0040875	.0045520	.0006764	.0033097	-.003976	-.002753
#2	-.288265	.0010592	.0061367	.0010772	.0067578	-.005728	-.003230
#3	-.263656	.0057622	.0118182	.0012911	.0051258	-.008532	-.002583

Sample Name: ICSAB Acquired: 12/6/2018 15:09:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003794	.0049180	.0963469
Stddev	.002062	.0021494	.0003275
%RSD	54.36300	43.70375	.3399207

#1	-.005632	.0031279	.0966778
#2	-.004185	.0043244	.0960229
#3	-.001564	.0073018	.0963399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.835	2264.303	44772.70	4399.042	3431.833
Stddev	10.733	5.145	128.68	31.386	6.699
%RSD	.5185617	.2272030	.2874024	.7134643	.1951876

#1	2079.636	2261.343	44884.24	4368.680	3425.988
#2	2071.504	2270.244	44801.95	4397.085	3439.143
#3	2058.365	2261.323	44631.92	4431.360	3430.367

Sample Name: CCV035 Acquired: 12/6/2018 15:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.684161	4.731284	23.79495	4.509650	4.742292	413.7815
Stddev	.007776	.009349	.06147	.013291	.012154	.9841
%RSD	.1660053	.1975949	.2583147	.2947328	.2562967	.2378410

#1	4.676841	4.721723	23.75014	4.524713	4.747082	412.6488
#2	4.692324	4.731725	23.76968	4.499569	4.751321	414.4272
#3	4.683318	4.740405	23.86502	4.504669	4.728472	414.2684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.804473	.4885554	2.362462	401.7132	14.34777	2.405493
Stddev	.017991	.0026577	.007868	1.1134	.06204	.007759
%RSD	.1834984	.5439841	.3330623	.2771743	.4324201	.3225485

#1	9.786215	.4862472	2.364482	400.9919	14.28924	2.399524
#2	9.822185	.4914609	2.353781	402.9956	14.41281	2.402691
#3	9.805020	.4879580	2.369124	401.1521	14.34127	2.414264

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86256	420.2061	14.37520	412.8238	2.399577	1.174270
Stddev	.04200	1.1158	.07231	.4803	.004435	.002487
%RSD	.2825936	.2655357	.5030157	.1163372	.1848224	.2117563

#1	14.81417	419.2948	14.32555	412.2742	2.396920	1.173671
#2	14.88399	421.4505	14.45816	413.0342	2.397114	1.172137
#3	14.88953	419.8729	14.34189	413.1629	2.404697	1.177001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	410.2813	2.479572	14.62133	150.7757	F 3.999025	4.981783
Stddev	1.7482	.022840	.02461	.5404	.009807	.006673
%RSD	.4261045	.9211130	.1683001	.3583871	.2452389	.1339462

#1	408.2761	2.454099	14.60818	150.2088	3.989945	4.978103
#2	411.4856	2.498223	14.60609	150.8335	4.009426	4.989486
#3	411.0822	2.486394	14.64972	151.2849	3.997705	4.977761

Sample Name: CCV035 Acquired: 12/6/2018 15:13:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.623861	F 3.838189	4.839217	4.801247	4.901409	4.967369
Stddev	.004409	.012119	.011167	.006207	.016131	.012155
%RSD	.0953466	.3157392	.2307574	.1292814	.3291194	.2447026

#1	4.623775	3.841303	4.828006	4.797294	4.886963	4.954753
#2	4.628311	3.824818	4.850339	4.798047	4.918816	4.979004
#3	4.619495	3.848447	4.839305	4.808402	4.898450	4.968350

Elem	Sr4077
Units	ppm
Avg	4.813853
Stddev	.023563
%RSD	.4894801

#1	4.796139
#2	4.840595
#3	4.804825

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.217	2046.915	43945.91	4317.519	3079.582
Stddev	4.719	2.198	69.92	7.611	6.737
%RSD	.2438340	.1073806	.1590941	.1762823	.2187519

#1	1936.590	2046.277	43976.32	4317.314	3080.848
#2	1939.097	2045.106	43865.94	4310.012	3085.596
#3	1929.964	2049.361	43995.48	4325.230	3072.302

Sample Name: CCB035 Acquired: 12/6/2018 15:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000359	.0016128	.0018836	-.002467	.0006032	.0104208	.0006414
Stddev	.002560	.0009324	.0003643	.000919	.0012757	.0102144	.0003248
%RSD	713.8980	57.81094	19.34303	37.22866	211.4989	98.01864	50.63410

#1	-.002836	.0006991	.0020624	-.002213	.0007524	.0088696	.0005439
#2	-.000518	.0025629	.0021240	-.003486	.0017977	.0213221	.0003765
#3	.002277	.0015766	.0014644	-.001702	-.000741	.0010708	.0010037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000247	-.000034	.0115023	-.000506	-.000052	.0008090	.0025931
Stddev	.0000221	.000021	.0137736	.000425	.000024	.0017068	.0078842
%RSD	89.37837	62.50343	119.7469	83.99827	46.47219	210.9707	304.0482

#1	.0000230	-.000056	.0005895	-.000516	-.000051	.0027779	.0099126
#2	.0000035	-.000014	.0269785	-.000076	-.000077	-.000100	.0036213
#3	.0000475	-.000031	.0069389	-.000926	-.000029	-.000251	-.005755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001444	.0174992	-.000185	.0009846	-.209865	-.000924	-.008143
Stddev	.000485	.0488476	.000158	.0003816	.100714	.004372	.009102
%RSD	33.54269	279.1415	85.30638	38.75551	47.99002	473.1559	111.7756

#1	-.001400	-.038905	-.000323	.0007946	-.162803	-.004573	.001048
#2	-.001950	.045658	-.000013	.0007353	-.141296	.003922	-.008323
#3	-.000984	.045745	-.000218	.0014238	-.325495	-.002121	-.017153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096887	-.000942	.0002561	-.000010	-.004337	-.004166	-.000692
Stddev	.0628918	.001252	.0012812	.000126	.002206	.000369	.000364
%RSD	649.1250	132.9568	500.1792	1270.136	50.87219	8.868588	52.60567

#1	-.055731	-.002388	.0009273	-.000078	-.006387	-.004526	-.000503
#2	.069704	-.000236	.0010623	.000135	-.004622	-.004183	-.000461
#3	.015093	-.000202	-.001221	-.000087	-.002002	-.003788	-.001111

Sample Name: CCB035 Acquired: 12/6/2018 15:17:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000822	-.000627	-.000141
Stddev	.002489	.000754	.000077
%RSD	302.6734	120.2089	54.74581

#1	.001522	-.001381	-.000205
#2	-.000555	-.000629	-.000163
#3	-.003434	.000127	-.000055

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.377	2402.894	45897.21	4443.020	3834.120
Stddev	2.608	7.335	82.17	28.994	6.826
%RSD	.1205443	.3052773	.1790364	.6525834	.1780229

#1	2166.384	2400.031	45925.48	4475.850	3834.438
#2	2162.014	2411.229	45804.64	4420.920	3840.781
#3	2161.734	2397.422	45961.52	4432.290	3827.141

Sample Name: J6180-14 Acquired: 12/6/2018 15:21:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619736	.0090022	1.261557	-.027049	.0036777	81.76377	1.713914
Stddev	.0027197	.0020375	.001776	.001967	.0012524	.27359	.001733
%RSD	4.388517	22.63293	.1408097	7.271915	34.05529	.3346146	.1010971

#1	.0588957	.0066603	1.262355	-.028297	.0024804	81.57106	1.715159
#2	.0629725	.0103674	1.259522	-.028068	.0049788	82.07692	1.711935
#3	.0640527	.0099790	1.262795	-.024781	.0035739	81.64333	1.714649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112001	.0026065	13.71623	.1607993	1.044312	.1075525	195.8631
Stddev	.0001132	.0001704	.03262	.0003463	.000191	.0055942	1.8326
%RSD	1.010581	6.535973	.2378235	.2153667	.0183165	5.201322	.9356523

#1	.0112715	.0026574	13.68044	.1605613	1.044111	.1106879	195.1808
#2	.0110696	.0024165	13.74429	.1606400	1.044492	.1108757	197.9390
#3	.0112593	.0027456	13.72396	.1611966	1.044334	.1010938	194.4695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.691251	7.702845	.6167658	-.013568	-.511554	.3138167	.1944719
Stddev	.034029	.086962	.0003620	.000681	.285274	.0009272	.0053155
%RSD	.5085582	1.128959	.0586982	5.019827	55.76616	.2954475	2.733284

#1	6.721180	7.696177	.6169744	-.012828	-.826658	.3145922	.1957916
#2	6.654238	7.792949	.6169753	-.013706	-.437148	.3140682	.1886209
#3	6.698337	7.619409	.6163478	-.014170	-.270856	.3127897	.1990032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.243205	1.747431	.0517268	.0066362	6.490392	1.643691	.0066945
Stddev	.030242	.004526	.0058637	.0002601	.016323	.007168	.0012005
%RSD	.9324788	.2590142	11.33590	3.919080	.2514969	.4360885	17.93181

#1	3.247770	1.742675	.0524051	.0067591	6.471624	1.651094	.0053268
#2	3.210939	1.747931	.0572217	.0063375	6.501283	1.643196	.0075735
#3	3.270904	1.751686	.0455534	.0068121	6.498269	1.636783	.0071834

Sample Name: J6180-14 Acquired: 12/6/2018 15:21:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3580456	.0255499	.0643349
Stddev	.0053596	.0018361	.0001083
%RSD	1.496906	7.186194	.1683326

#1	.3592826	.0235263	.0643611
#2	.3626786	.0260142	.0642158
#3	.3521757	.0271093	.0644276

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.806	3079.705	59665.80	5824.628	3822.051
Stddev	8.968	3.747	273.08	11.922	1.341
%RSD	.3211044	.1216736	.4576893	.2046856	.0350947

#1	2784.749	3078.054	59638.17	5819.306	3820.555
#2	2802.468	3083.994	59951.64	5838.285	3823.146
#3	2791.201	3077.067	59407.58	5816.294	3822.451

Sample Name: J6180-15 Acquired: 12/6/2018 15:25:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1487617	.0168812	1.370722	-.063841	.0081080	80.18584
Stddev	.0041194	.0009385	.003457	.002734	.0010806	.08165
%RSD	2.769104	5.559588	.2521902	4.282814	13.32729	.1018268

#1	.1489018	.0178638	1.370551	-.063194	.0093542	80.13301
#2	.1528092	.0159941	1.374261	-.066841	.0074322	80.27988
#3	.1445740	.0167856	1.367354	-.061488	.0075375	80.14463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885258	.0174898	.0158439	237.7932	.2160574	.2623919
Stddev	.003411	.0002033	.0000779	.1791	.0004784	.0010349
%RSD	.1809536	1.162092	.4918117	.0753081	.2214085	.3944059

#1	1.882624	.0173668	.0158393	237.9932	.2159436	.2615673
#2	1.884040	.0177244	.0157683	237.6478	.2156462	.2620551
#3	1.889112	.0173783	.0159240	237.7385	.2165824	.2635532

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2908506	354.9609	F 35.08985	125.6233	.3280261	-.022879
Stddev	.0013358	1.3864	.06890	.5421	.0012298	.000645
%RSD	.4592678	.3905854	.1963514	.4315420	.3749177	2.820339

#1	.2911561	356.3605	35.16132	126.2350	.3274696	-.022160
#2	.2893886	354.9343	35.08439	125.2025	.3271729	-.023408
#3	.2920072	353.5880	35.02385	125.4323	.3294358	-.023070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.647387	.3164822	.6364489	4.103812	3.003369	.0469091
Stddev	.108492	.0060912	.0166936	.007684	.005426	.0005358
%RSD	16.75842	1.924669	2.622928	.1872324	.1806722	1.142298

#1	-.608267	.3184829	.6496665	4.096989	3.003159	.0475078
#2	-.563880	.3096423	.6176891	4.102311	2.998051	.0467448
#3	-.770013	.3213215	.6419911	4.112135	3.008898	.0464746

Sample Name: J6180-15 Acquired: 12/6/2018 15:25:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110894	5.458691	2.102697	.0088964	.6831056	.0465120
Stddev	.0000756	.022020	.026037	.0003624	.0029079	.0007335
%RSD	.6816203	.4033975	1.238255	4.073751	.4256886	1.577041

#1	.0110107	5.457921	2.076895	.0089346	.6835366	.0464720
#2	.0110961	5.437066	2.128962	.0092382	.6800063	.0457993
#3	.0111614	5.481086	2.102234	.0085164	.6857740	.0472647

Elem	Sr4077
Units	ppm
Avg	.1359079
Stddev	.0005274
%RSD	.3880689

#1	.1364667
#2	.1358379
#3	.1354189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2928.530	3189.269	64382.25	6321.372	3432.633
Stddev	7.415	1.699	247.29	49.337	1.093
%RSD	.2531836	.0532779	.3841036	.7804801	.0318296

#1	2921.719	3189.161	64215.77	6364.587	3433.166
#2	2936.428	3187.626	64666.41	6267.616	3433.357
#3	2927.443	3191.019	64264.58	6331.914	3431.376

Sample Name: J6180-16 Acquired: 12/6/2018 15:29:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0964680	.0174362	1.370051	-.044088	.0078222	112.8838	1.666925
Stddev	.0026412	.0012943	.003428	.001289	.0019256	.7673	.004907
%RSD	2.737920	7.422822	.2502424	2.924678	24.61643	.6796844	.2943724

#1	.0960235	.0181939	1.373205	-.045548	.0068981	113.4398	1.671772
#2	.0940773	.0159418	1.370546	-.043610	.0100357	112.0084	1.667044
#3	.0993033	.0181731	1.366402	-.043106	.0065330	113.2030	1.661960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126343	.0048684	38.83248	.2608745	.2936855	.2350042	322.7329
Stddev	.0002160	.0003034	.14052	.0005969	.0004921	.0044426	4.0083
%RSD	1.710056	6.232664	.3618623	.2287937	.1675559	1.890411	1.241980

#1	.0124289	.0048033	38.95771	.2612624	.2931201	.2400608	326.2929
#2	.0126145	.0051991	38.68051	.2601872	.2940169	.2317278	318.3914
#3	.0128596	.0046029	38.85922	.2611739	.2939196	.2332241	323.5143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.29789	22.31731	.1973539	-.021474	-.549306	.4337063	.3601592
Stddev	.04010	.23694	.0013619	.000343	.085878	.0124073	.0194797
%RSD	.2077849	1.061680	.6901029	1.597428	15.63392	2.860772	5.408635

#1	19.28130	22.47274	.1958582	-.021456	-.627807	.4474217	.3386389
#2	19.34362	22.04461	.1985226	-.021825	-.562528	.4232627	.3765864
#3	19.26875	22.43458	.1976809	-.021140	-.457584	.4304344	.3652523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.569397	1.881905	.0745181	.0096041	1.528340	2.252732	.0304558
Stddev	.057869	.008258	.0156142	.0003056	.007792	.022070	.0008456
%RSD	1.266452	.4387891	20.95355	3.181553	.5098403	.9797122	2.776398

#1	4.633683	1.884063	.0925382	.0099494	1.531255	2.269736	.0313739
#2	4.553045	1.888870	.0649993	.0094941	1.519511	2.227791	.0297090
#3	4.521463	1.872783	.0660167	.0093688	1.534255	2.260668	.0302843

Sample Name: J6180-16 Acquired: 12/6/2018 15:29:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4883641	.0607173	.0722898
Stddev	.0002434	.0014766	.0004803
%RSD	.0498434	2.431874	.6644597

#1	.4880838	.0606304	.0720068
#2	.4884867	.0592861	.0720183
#3	.4885220	.0622354	.0728444

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.705	2766.752	54299.39	5353.652	3725.023
Stddev	4.675	5.229	197.33	32.291	5.117
%RSD	.1846707	.1890081	.3634071	.6031516	.1373711

#1	2532.511	2760.911	54498.43	5357.654	3720.135
#2	2526.679	2770.999	54103.82	5383.755	3724.592
#3	2535.924	2768.345	54295.92	5319.547	3730.342

Sample Name: J6180-17 Acquired: 12/6/2018 15:33:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234874	.0221522	2.166605	-.066553	.0086932	85.45682
Stddev	.0018082	.0014928	.001790	.002444	.0008558	.18277
%RSD	1.464254	6.738686	.0826361	3.671605	9.844851	.2138799

#1	.1247965	.0205871	2.166066	-.065073	.0078074	85.29987
#2	.1242415	.0223095	2.165145	-.065212	.0095155	85.41311
#3	.1214243	.0235601	2.168603	-.069373	.0087567	85.65749

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.291123	.0180022	.0147499	53.81745	.2280687	.4873031
Stddev	.006855	.0000937	.0000829	.12690	.0003862	.0003756
%RSD	.2991939	.5203665	.5622050	.2357973	.1693180	.0770681

#1	2.290289	.0180967	.0146548	53.78282	.2277648	.4872283
#2	2.284723	.0180006	.0147878	53.71146	.2285032	.4869707
#3	2.298357	.0179093	.0148071	53.95807	.2279381	.4877105

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3476021	399.2201	F 43.72947	28.24225	.3549450	-.024862
Stddev	.0002588	1.1609	.15896	.21974	.0002126	.000549
%RSD	.0744459	.2908042	.3634986	.7780673	.0599018	2.206857

#1	.3478487	399.2708	43.79482	28.08886	.3549616	-.025376
#2	.3473326	398.0346	43.84534	28.14390	.3551488	-.024928
#3	.3476250	400.3549	43.54826	28.49399	.3547245	-.024284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.760596	.3579267	.5017478	3.033028	1.872893	.0689434
Stddev	.182433	.0043739	.0171408	.033758	.008190	.0073520
%RSD	23.98553	1.222011	3.416214	1.113016	.4372705	10.66386

#1	-.560774	.3532966	.5054667	2.995405	1.871411	.0768305
#2	-.918258	.3584947	.4830528	3.043011	1.865545	.0622800
#3	-.802756	.3619889	.5167238	3.060669	1.881722	.0677197

Sample Name: J6180-17 Acquired: 12/6/2018 15:33:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095967	1.853333	1.961453	.0114062	.6141467	.0457992
Stddev	.0001942	.001570	.008246	.0010873	.0025393	.0005723
%RSD	2.023157	.0847072	.4203994	9.532570	.4134659	1.249496

#1	.0093980	1.852458	1.962811	.0108950	.6118202	.0461427
#2	.0096062	1.855145	1.968935	.0106687	.6168554	.0451386
#3	.0097860	1.852396	1.952612	.0126549	.6137644	.0461163

Elem	Sr4077
Units	ppm
Avg	.0813793
Stddev	.0005103
%RSD	.6270140

#1	.0816838
#2	.0816639
#3	.0807902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.816	3219.447	63447.18	6233.459	3667.896
Stddev	10.860	5.797	251.46	51.667	4.729
%RSD	.3696579	.1800758	.3963332	.8288579	.1289394

#1	2938.549	3212.766	63672.89	6244.330	3662.438
#2	2926.609	3223.149	63176.13	6177.222	3670.790
#3	2948.291	3222.427	63492.51	6278.825	3670.459

Sample Name: J6180-18 Acquired: 12/6/2018 15:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996985	.0143818	2.803198	-.043123	.0058181	94.65010	1.306557
Stddev	.0004737	.0013090	.003259	.003621	.0023296	.39585	.002373
%RSD	.4751370	9.101799	.1162596	8.396466	40.04081	.4182223	.1816240

#1	.0998648	.0142864	2.804547	-.040713	.0050903	95.06411	1.309297
#2	.1000667	.0131231	2.805566	-.047287	.0039393	94.27534	1.305143
#3	.0991641	.0157359	2.799481	-.041370	.0084248	94.61086	1.305232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099381	.0037079	60.63947	.2888848	.5758932	.2605316	285.0890
Stddev	.0000759	.0001543	.16143	.0008268	.0005125	.0040225	1.5270
%RSD	.7639209	4.160391	.2662185	.2862035	.0889917	1.543970	.5356061

#1	.0099743	.0036055	60.72407	.2879479	.5758374	.2595551	286.1488
#2	.0098508	.0038853	60.45332	.2895122	.5764313	.2649525	283.3388
#3	.0099892	.0036328	60.74102	.2891943	.5754109	.2570872	285.7795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.24472	33.24360	.2642268	-.018147	-.623867	.3692360	.3388144
Stddev	.10265	.26768	.0014413	.000485	.371189	.0109048	.0168211
%RSD	.3911393	.8052137	.5454883	2.674473	59.49815	2.953341	4.964705

#1	26.35679	33.49559	.2647774	-.018230	-.478763	.3605153	.3239200
#2	26.15525	32.96259	.2653115	-.018586	-.347148	.3657303	.3354651
#3	26.22212	33.27262	.2625913	-.017626	-1.04569	.3814625	.3570583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.069886	1.804160	.0658647	.0078618	2.997937	2.373991	.0080894
Stddev	.024697	.003394	.0102452	.0002039	.005703	.009617	.0011505
%RSD	.6068191	.1881020	15.55498	2.593642	.1902331	.4051019	14.22241

#1	4.093311	1.806856	.0548727	.0076915	3.004464	2.380759	.0092759
#2	4.044089	1.805274	.0675731	.0080878	2.993913	2.362982	.0080137
#3	4.072258	1.800349	.0751483	.0078062	2.995435	2.378231	.0069786

Sample Name: J6180-18 Acquired: 12/6/2018 15:37:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5655220	.0421235	.0614253
Stddev	.0071467	.0007609	.0002763
%RSD	1.263743	1.806415	.4497551

#1	.5695623	.0412474	.0617074
#2	.5572703	.0425037	.0611553
#3	.5697335	.0426194	.0614132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.088	2694.601	52785.34	5179.670	3706.719
Stddev	7.923	2.942	131.51	68.932	1.736
%RSD	.3241679	.1091781	.2491342	1.330819	.0468296

#1	2435.108	2696.891	52660.51	5101.137	3706.581
#2	2450.090	2695.628	52922.64	5207.712	3705.057
#3	2447.067	2691.283	52772.88	5230.161	3708.520

Sample Name: J6180-19 Acquired: 12/6/2018 15:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528323	.0126741	2.868465	-.056726	.0087439	29.07460
Stddev	.0025534	.0013714	.002920	.000317	.0024027	.08222
%RSD	1.009907	10.82081	.1018016	.5584124	27.47893	.2827935

#1	.2500263	.0141215	2.866291	-.056373	.0060549	29.03892
#2	.2534515	.0125070	2.871784	-.056819	.0094968	29.16864
#3	.2550191	.0113939	2.867321	-.056986	.0106801	29.01625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.095734	.0163769	.0196906	F 821.6689	.1188331	.2479492
Stddev	.001373	.0000855	.0000772	.7843	.0002697	.0009199
%RSD	.1253126	.5221800	.3921779	.0954568	.2269431	.3710004

#1	1.097151	.0163592	.0196684	822.5746	.1185312	.2487256
#2	1.095641	.0163016	.0196269	821.2227	.1190504	.2469332
#3	1.094410	.0164699	.0197765	821.2095	.1189176	.2481886

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3578373	279.0665	27.20293	441.2261	.3978643	-.018151
Stddev	.0055592	1.5197	.04790	2.5436	.0005766	.000588
%RSD	1.553543	.5445772	.1761023	.5764896	.1449347	3.237400

#1	.3607141	279.7809	27.25753	443.5950	.3972034	-.018818
#2	.3613686	280.0974	27.18328	441.5452	.3981251	-.017711
#3	.3514293	277.3212	27.16797	438.5379	.3982646	-.017925

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531822	.1762147	.7643876	2.508674	6.530391	-.001069
Stddev	.1738784	.0052618	.0155377	.046805	.023588	.012567
%RSD	113.5108	2.986015	2.032693	1.865723	.3612052	1175.575

#1	.3435769	.1813405	.7469352	2.561958	6.516540	.011580
#2	.1131763	.1764770	.7767163	2.489861	6.517006	-.001234
#3	.0027935	.1708267	.7695114	2.474202	6.557627	-.013553

Sample Name: J6180-19 Acquired: 12/6/2018 15:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099009	18.47674	1.981326	.0063643	.2885642	.0363766
Stddev	.0002919	.04241	.019905	.0011854	.0030594	.0011700
%RSD	2.947891	.2295282	1.004641	18.62568	1.060210	3.216311

#1	.0102356	18.42781	2.003214	.0050573	.2863930	.0369855
#2	.0097674	18.50305	1.976458	.0066656	.2872364	.0371167
#3	.0096996	18.49934	1.964306	.0073700	.2920631	.0350278

Elem	Sr4077
Units	ppm
Avg	.2961120
Stddev	.0006819
%RSD	.2302941

#1	.2968844
#2	.2958580
#3	.2955934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.082	3141.676	65534.64	6476.191	3050.363
Stddev	13.712	2.242	65.11	28.486	1.809
%RSD	.4671801	.0713756	.0993501	.4398561	.0592963

#1	2919.291	3141.824	65472.23	6443.483	3051.424
#2	2941.974	3143.841	65529.54	6495.556	3051.389
#3	2943.981	3139.363	65602.15	6489.535	3048.274

Sample Name: J6180-20 Acquired: 12/6/2018 15:45:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502042	.0079747	.8313283	-.035789	.0068512	11.90733
Stddev	.0041494	.0014107	.0028527	.002596	.0008215	.04326
%RSD	1.184840	17.68912	.3431509	7.254783	11.99072	.3633393

#1	.3482320	.0093443	.8294897	-.032978	.0077950	11.94288
#2	.3549718	.0080535	.8298805	-.038097	.0064625	11.85916
#3	.3474088	.0065263	.8346146	-.036292	.0062962	11.91994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2707032	.0072178	.0107465	F 1298.696	.0517516	.1288093
Stddev	.0006185	.0001337	.0001181	17.598	.0000983	.0010537
%RSD	.2284685	1.851733	1.098782	1.355059	.1899692	.8180319

#1	.2705982	.0073173	.0107701	1313.440	.0517200	.1277002
#2	.2701439	.0072702	.0106184	1279.214	.0518619	.1297971
#3	.2713674	.0070659	.0108510	1303.434	.0516730	.1289308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2152649	158.5977	16.14018	721.7265	.2357962	-.009646
Stddev	.0037041	1.4674	.04029	6.9489	.0007485	.000246
%RSD	1.720738	.9252045	.2495996	.9628218	.3174568	2.551336

#1	.2191273	160.2852	16.12190	729.2131	.2350232	-.009655
#2	.2149250	157.6220	16.18636	715.4831	.2365176	-.009887
#3	.2117424	157.8858	16.11227	720.4833	.2358477	-.009395

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8244814	.0611678	.4853592	3.173108	8.113633	.0036802
Stddev	.2812917	.0014954	.0152389	.072708	.019504	.0010105
%RSD	34.11741	2.444717	3.139715	2.291389	.2403871	27.45917

#1	.5796961	.0596061	.4769455	3.188312	8.123228	.0047928
#2	.7619818	.0625866	.5029500	3.094000	8.091190	.0034284
#3	1.131766	.0613107	.4761820	3.237012	8.126482	.0028193

Sample Name: J6180-20 Acquired: 12/6/2018 15:45:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191688	32.28430	1.081417	.0032100	.0470498	.0380408
Stddev	.0002376	.07304	.014023	.0013742	.0034073	.0005611
%RSD	1.239417	.2262462	1.296693	42.80849	7.241864	1.474853

#1	.0189015	32.22692	1.091186	.0023462	.0509642	.0382867
#2	.0193558	32.25945	1.087716	.0024893	.0447493	.0373988
#3	.0192490	32.36652	1.065350	.0047947	.0454359	.0384369

Elem	Sr4077
Units	ppm
Avg	.4203746
Stddev	.0011480
%RSD	.2730955

#1	.4192109
#2	.4215062
#3	.4204066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.743	2766.145	58863.67	5896.690	2903.757
Stddev	12.412	3.185	123.48	54.321	4.010
%RSD	.4783491	.1151599	.2097671	.9212166	.1380893

#1	2591.082	2769.803	58942.21	5851.717	2907.546
#2	2608.574	2764.645	58927.44	5957.043	2899.558
#3	2584.574	2763.985	58721.34	5881.311	2904.168

Sample Name: J6180-21 Acquired: 12/6/2018 15:49:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773167	.0158242	.3257949	-.033053	.0065278	126.3184	1.257700
Stddev	.0030583	.0027200	.0015139	.001001	.0006594	.0702	.002964
%RSD	3.955523	17.18893	.4646794	3.027122	10.10079	.0556025	.2356688

#1	.0769837	.0152379	.3241435	-.032573	.0070869	126.2635	1.254280
#2	.0805279	.0187896	.3271171	-.032382	.0066957	126.3976	1.259512
#3	.0744386	.0134452	.3261242	-.034203	.0058007	126.2942	1.259309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100195	.0023105	26.10908	.2024128	.1176655	.1488923	253.1779
Stddev	.0001355	.0001279	.05085	.0005779	.0000949	.0021306	.4534
%RSD	1.352275	5.534322	.1947471	.2855205	.0806456	1.430953	.1790772

#1	.0101519	.0023625	26.05130	.2027413	.1177562	.1503704	252.7939
#2	.0100256	.0024042	26.12895	.2017455	.1176735	.1498564	253.6780
#3	.0098811	.0021648	26.14699	.2027516	.1175669	.1464501	253.0617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.180545	20.65988	.1123889	-.017633	-.324099	.3939229	.3060324
Stddev	.021391	.04998	.0008521	.000230	.302430	.0080686	.0022067
%RSD	.3460969	.2419401	.7581850	1.304211	93.31408	2.048276	.7210844

#1	6.170940	20.70264	.1115295	-.017853	-.487218	.4011569	.3054973
#2	6.205055	20.60493	.1132335	-.017394	.024870	.3953908	.3084575
#3	6.165640	20.67207	.1124036	-.017651	-.509951	.3852211	.3041424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.034826	2.018013	.0495353	.0064548	4.460173	2.306027	.0085281
Stddev	.067001	.011234	.0078652	.0000810	.024659	.013944	.0007356
%RSD	1.110243	.5566740	15.87789	1.255420	.5528653	.6046953	8.625807

#1	5.964896	2.005056	.0416174	.0065089	4.436653	2.320015	.0092435
#2	6.041128	2.023963	.0496418	.0064938	4.458036	2.305941	.0077738
#3	6.098453	2.025021	.0573466	.0063616	4.485831	2.292126	.0085671

Sample Name: J6180-21 Acquired: 12/6/2018 15:49:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5048285	.0588124	.0772274
Stddev	.0036012	.0008220	.0004159
%RSD	.7133554	1.397635	.5385317

#1	.5085785	.0583285	.0767684
#2	.5045100	.0597615	.0775792
#3	.5013972	.0583472	.0773346

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.496	2733.265	53216.47	5219.341	3766.005
Stddev	14.009	.917	85.65	25.936	4.138
%RSD	.5636489	.0335473	.1609558	.4969133	.1098846

#1	2495.539	2733.521	53134.10	5191.865	3765.335
#2	2491.458	2734.026	53305.07	5222.762	3762.244
#3	2469.492	2732.247	53210.24	5243.397	3770.438

Sample Name: J6178-05DLX2 Acquired: 12/6/2018 15:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558994	.0059377	2.822807	-.018418	.0011065	34.35371	.7830414
Stddev	.0004038	.0009449	.002899	.003526	.0011844	.04984	.0013446
%RSD	.7223789	15.91321	.1026937	19.14553	107.0309	.1450742	.1717207

#1	.0554377	.0056857	2.824666	-.018616	.0003080	34.35201	.7845442
#2	.0560736	.0069830	2.824288	-.021841	.0005444	34.30474	.7826280
#3	.0561868	.0051443	2.819467	-.014797	.0024673	34.40438	.7819520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071832	.0033728	11.38881	.0913786	.7436679	.2575342	128.4857
Stddev	.0000689	.0000891	.00699	.0002390	.0006916	.0020635	.5549
%RSD	.9598098	2.640465	.0613928	.2615605	.0929936	.8012550	.4318911

#1	.0072352	.0033643	11.38245	.0912564	.7429075	.2572724	128.8388
#2	.0071050	.0032884	11.38770	.0912254	.7442594	.2597161	127.8461
#3	.0072093	.0034659	11.39630	.0916540	.7438368	.2556140	128.7722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.06155	5.382504	.5950905	-.006659	-.420871	.1303719	.8887294
Stddev	.05449	.079847	.0001008	.000278	.092067	.0067356	.0144639
%RSD	.3193624	1.483451	.0169305	4.168814	21.87542	5.166449	1.627485

#1	17.11791	5.294273	.5951893	-.006720	-.446623	.1354764	.9010997
#2	17.05761	5.403447	.5949880	-.006356	-.497321	.1329016	.8728264
#3	17.00915	5.449792	.5950942	-.006901	-.318670	.1227377	.8922620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.310835	.9788099	.0319622	.0053552	.4510989	.8387921	.0017163
Stddev	.039694	.0024662	.0038489	.0000613	.0038360	.0037112	.0003992
%RSD	3.028153	.2519619	12.04216	1.145512	.8503597	.4424429	23.26074

#1	1.348385	.9802020	.0318226	.0053120	.4554497	.8376683	.0019341
#2	1.269298	.9759623	.0281849	.0053283	.4482044	.8429353	.0012555
#3	1.314822	.9802653	.0358790	.0054255	.4496425	.8357727	.0019591

Sample Name: J6178-05DLX2 Acquired: 12/6/2018 15:53:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2719801	.0101549	.0255346
Stddev	.0016110	.0001998	.0000604
%RSD	.5923085	1.967397	.2364617

#1	.2703279	.0099315	.0254793
#2	.2720660	.0103165	.0255255
#3	.2735464	.0102166	.0255990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.225	2722.073	52652.10	5170.459	3805.543
Stddev	11.136	5.383	130.31	15.611	5.621
%RSD	.4511837	.1977698	.2474930	.3019325	.1477004

#1	2456.229	2715.967	52505.14	5164.164	3803.182
#2	2478.234	2724.120	52697.57	5158.977	3801.487
#3	2470.212	2726.133	52753.57	5188.235	3811.959

Sample Name: J6178-13DLX2 Acquired: 12/6/2018 15:57:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569810	.0059736	4.151640	-.023291	.0026219	35.63788	1.064277
Stddev	.0007794	.0011420	.005491	.002698	.0009285	.13764	.002764
%RSD	1.367774	19.11746	.1322503	11.58340	35.41188	.3862298	.2596958

#1	.0578023	.0047455	4.146827	-.021847	.0016320	35.49646	1.062167
#2	.0568892	.0070035	4.150473	-.026404	.0027601	35.64578	1.063257
#3	.0562517	.0061718	4.157621	-.021623	.0034735	35.77141	1.067406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069810	.0020634	13.76913	.1199287	.2706123	.2650304	144.6069
Stddev	.0000781	.0000924	.07708	.0006426	.0002816	.0045132	.2860
%RSD	1.117996	4.478310	.5598287	.5358545	.1040446	1.702885	.1977476

#1	.0069893	.0021304	13.68032	.1195137	.2703555	.2601929	144.9007
#2	.0070546	.0019580	13.80837	.1196034	.2705679	.2691278	144.3296
#3	.0068992	.0021018	13.81870	.1206690	.2709134	.2657705	144.5903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.39319	6.475953	.2158675	-.007410	-.365813	.1492988	.2948183
Stddev	.02236	.041537	.0004139	.000555	.215711	.0060869	.0218642
%RSD	.1285482	.6414074	.1917286	7.491664	58.96750	4.077009	7.416160

#1	17.37327	6.523563	.2156927	-.006809	-.487306	.1556395	.2832816
#2	17.41737	6.447116	.2163401	-.007517	-.116756	.1435022	.2811386
#3	17.38894	6.457181	.2155697	-.007904	-.493377	.1487547	.3200345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484832	.8886970	.0352723	.0053443	.4636196	.7396922	.0017163
Stddev	.041943	.0014257	.0068775	.0002286	.0045079	.0081235	.0010599
%RSD	2.824736	.1604262	19.49836	4.277094	.9723299	1.098222	61.75573

#1	1.468968	.8873772	.0424083	.0056061	.4680226	.7337894	.0029379
#2	1.453136	.8902091	.0286864	.0052425	.4590137	.7489570	.0010403
#3	1.532393	.8885046	.0347221	.0051843	.4638226	.7363303	.0011708

Sample Name: J6178-13DLX2 Acquired: 12/6/2018 15:57:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2643379	.0130259	.0230835
Stddev	.0020625	.0007375	.0001507
%RSD	.7802661	5.661681	.6528318

#1	.2662310	.0133526	.0231198
#2	.2621399	.0121815	.0229179
#3	.2646429	.0135435	.0232127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.805	2622.014	50714.68	4950.760	3806.954
Stddev	13.731	6.473	78.97	43.266	2.547
%RSD	.5786960	.2468667	.1557061	.8739182	.0669123

#1	2357.367	2614.586	50746.59	4985.486	3804.048
#2	2383.654	2625.011	50772.70	4902.293	3808.014
#3	2377.394	2626.445	50624.75	4964.503	3808.801

Sample Name: J6178-16DLX2 Acquired: 12/6/2018 16:01:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663987	.0111683	1.085720	-.025227	.0030376	40.98754	.7073135
Stddev	.0037056	.0013572	.001602	.001007	.0015407	.23578	.0019610
%RSD	5.580870	12.15192	.1475137	3.990410	50.72007	.5752359	.2772439

#1	.0693285	.0120514	1.086451	-.024069	.0047463	40.77251	.7057511
#2	.0676346	.0118479	1.083883	-.025728	.0017546	41.23966	.7095141
#3	.0622331	.0096056	1.086826	-.025886	.0026118	40.95046	.7066754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092455	.0023903	7.762879	.2323100	.2242329	.1297389	171.5011
Stddev	.0001371	.0001377	.075868	.0003593	.0005677	.0029660	.5416
%RSD	1.482335	5.761201	.9773172	.1546611	.2531681	2.286162	.3157994

#1	.0092373	.0022922	7.679669	.2323301	.2247901	.1263883	170.9656
#2	.0093864	.0025478	7.828211	.2326588	.2236553	.1320286	172.0486
#3	.0091126	.0023310	7.780757	.2319411	.2242535	.1307998	171.4892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.66222	4.066252	.1399111	-.009550	-.460942	.2069867	.2405138
Stddev	.08971	.047499	.0003388	.000438	.245458	.0038829	.0094139
%RSD	.4806915	1.168140	.2421166	4.586313	53.25138	1.875931	3.914077

#1	18.75053	4.036063	.1403012	-.010049	-.269683	.2114544	.2378289
#2	18.66495	4.121003	.1397415	-.009372	-.737720	.2044265	.2327340
#3	18.57118	4.041689	.1396906	-.009230	-.375424	.2050791	.2509784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.458849	1.106596	.0491994	.0076842	.2430652	.7513080	.0021808
Stddev	.024301	.001131	.0041044	.0001459	.0031517	.0080848	.0002307
%RSD	1.665771	.1022419	8.342486	1.898851	1.296666	1.076101	10.57767

#1	1.433978	1.107741	.0473059	.0078094	.2464331	.7509847	.0019268
#2	1.482537	1.106570	.0463835	.0075240	.2401869	.7595496	.0023773
#3	1.460031	1.105478	.0539088	.0077192	.2425757	.7433896	.0022381

Sample Name: J6178-16DLX2 Acquired: 12/6/2018 16:01:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3242671	.0169581	.0202628
Stddev	.0029954	.0009246	.0001630
%RSD	.9237356	5.452552	.8045257

#1	.3223027	.0159366	.0204328
#2	.3277147	.0177379	.0202478
#3	.3227839	.0171997	.0201079

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.724	2644.168	50984.07	5010.355	3817.437
Stddev	2.922	8.143	53.20	52.618	18.977
%RSD	.1224853	.3079467	.1043449	1.050187	.4971162

#1	2382.753	2634.794	50942.36	5029.119	3796.016
#2	2388.595	2649.476	51043.98	4950.927	3832.144
#3	2385.823	2648.236	50965.86	5051.019	3824.151

Sample Name: J6180-01DLX2 Acquired: 12/6/2018 16:09:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0980871	.0193712	.8971370	-.045171	.0078738	66.85099	1.225905
Stddev	.0042772	.0013923	.0037286	.001331	.0008661	.10768	.001449
%RSD	4.360572	7.187600	.4156073	2.945698	11.00008	.1610815	.1181993

#1	.0951106	.0203070	.8929198	-.046228	.0073886	66.95309	1.227389
#2	.1029885	.0200355	.8999964	-.045608	.0073590	66.73847	1.225833
#3	.0961622	.0177711	.8984947	-.043676	.0088738	66.86142	1.224494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089526	.0027755	19.86855	.2287176	.2137136	.1763458	300.8749
Stddev	.0000273	.0002500	.03207	.0012848	.0008176	.0022508	1.7538
%RSD	.3044935	9.008297	.1614199	.5617456	.3825731	1.276356	.5829102

#1	.0089679	.0025238	19.84406	.2279545	.2146207	.1763520	302.3832
#2	.0089688	.0027790	19.85674	.2302010	.2134869	.1740919	298.9504
#3	.0089211	.0030238	19.90485	.2279974	.2130334	.1785935	301.2911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.74020	9.658820	.1143053	-.020022	-.538954	.3501558	.2646136
Stddev	.04436	.156772	.0002335	.000348	.221249	.0080368	.0042339
%RSD	.2500382	1.623100	.2042652	1.735852	41.05152	2.295194	1.600026

#1	17.69045	9.745880	.1145731	-.019691	-.699410	.3409140	.2690419
#2	17.75456	9.477838	.1141447	-.020384	-.286559	.3540482	.2641936
#3	17.77560	9.752742	.1141980	-.019991	-.630892	.3555053	.2606054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.697690	1.398976	.0656559	.0098512	.6881746	2.471302	.0052905
Stddev	.049436	.007563	.0052738	.0002358	.0040591	.005729	.0003173
%RSD	1.832527	.5406381	8.032466	2.393560	.5898398	.2318358	5.997362

#1	2.659243	1.392301	.0716808	.0096065	.6928611	2.466165	.0049608
#2	2.753455	1.397435	.0634102	.0098701	.6858952	2.470259	.0053171
#3	2.680370	1.407191	.0618766	.0100769	.6857675	2.477481	.0055937

Sample Name: J6180-01DLX2 Acquired: 12/6/2018 16:09:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5169103	.0267277	.0387273
Stddev	.0038222	.0004330	.0001183
%RSD	.7394313	1.620137	.3055397

#1	.5205242	.0268544	.0386190
#2	.5172975	.0270832	.0388536
#3	.5129093	.0262454	.0387092

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.720	2496.670	48567.31	4737.721	3768.448
Stddev	8.066	5.453	223.63	42.329	9.100
%RSD	.3561619	.2184045	.4604576	.8934437	.2414886

#1	2261.311	2491.158	48592.71	4693.462	3758.770
#2	2273.931	2496.791	48777.15	4777.811	3769.741
#3	2258.918	2502.061	48332.06	4741.890	3776.832

Sample Name: J6180-07DLX2 Acquired: 12/6/2018 16:13:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888830	.0132729	1.025564	-.036601	.0046457	41.93311	.8854434
Stddev	.0007949	.0013130	.003964	.001255	.0006391	.08248	.0009675
%RSD	.8942859	9.892125	.3865002	3.427575	13.75686	.1966975	.1092708

#1	.0885768	.0133360	1.022741	-.035683	.0052242	41.96318	.8865558
#2	.0897854	.0145532	1.023855	-.038030	.0047531	41.99633	.8849773
#3	.0882867	.0119296	1.030095	-.036089	.0039596	41.83981	.8847972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110712	.0039383	13.81962	.2380988	.1754054	.1529126	243.7002
Stddev	.0000389	.0001062	.03150	.0006627	.0001353	.0010581	1.6996
%RSD	.3516411	2.697627	.2279008	.2783415	.0771591	.6919808	.6973949

#1	.0110339	.0038765	13.83351	.2386156	.1755602	.1520748	244.1916
#2	.0110683	.0040610	13.84178	.2383291	.1753466	.1541017	245.0998
#3	.0111115	.0038775	13.78357	.2373516	.1753094	.1525613	241.8090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.30565	5.006122	.1651940	-.015059	-.475782	.2611970	.2929450
Stddev	.08447	.045376	.0003816	.000063	.178558	.0032260	.0377061
%RSD	.3964854	.9064074	.2309784	.4186725	37.52947	1.235095	12.87140

#1	21.21778	4.956515	.1649310	-.015059	-.569360	.2602736	.3200220
#2	21.31291	5.016317	.1650195	-.015122	-.588101	.2647841	.2498789
#3	21.38626	5.045532	.1656316	-.014996	-.269884	.2585334	.3089341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.509708	1.406245	.0597121	.0084599	.3734121	1.437875	.0028870
Stddev	.017126	.003793	.0008807	.0000856	.0046171	.000661	.0011526
%RSD	1.134384	.2696940	1.474894	1.011746	1.236468	.0459602	39.92485

#1	1.507486	1.409036	.0601507	.0085435	.3784347	1.438570	.0040634
#2	1.493802	1.407772	.0602874	.0083724	.3693524	1.437255	.0017598
#3	1.527837	1.401927	.0586983	.0084638	.3724491	1.437801	.0028377

Sample Name: J6180-07DLX2 Acquired: 12/6/2018 16:13:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4658303	.0183879	.0280970
Stddev	.0023675	.0001503	.0001817
%RSD	.5082278	.8172362	.6467097

#1	.4652162	.0182870	.0279500
#2	.4684444	.0185606	.0280410
#3	.4638305	.0183160	.0283002

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.098	2768.282	53801.37	5268.580	3796.712
Stddev	18.787	6.416	230.66	18.866	6.556
%RSD	.7460894	.2317502	.4287166	.3580779	.1726802

#1	2496.654	2761.184	53590.84	5256.289	3790.524
#2	2525.979	2773.666	53765.36	5259.149	3803.583
#3	2531.661	2769.998	54047.92	5290.301	3796.028

Sample Name: J6180-13DLX2 Acquired: 12/6/2018 16:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692059	.0079348	1.391277	-.023927	.0039716	26.39696	.6421104
Stddev	.0031353	.0014896	.002022	.001438	.0007530	.06458	.0016171
%RSD	4.530466	18.77270	.1453110	6.008457	18.95884	.2446312	.2518475

#1	.0656521	.0076292	1.389118	-.025513	.0048409	26.39120	.6402792
#2	.0703843	.0095535	1.393125	-.022709	.0035500	26.46422	.6427092
#3	.0715813	.0066218	1.391589	-.023559	.0035239	26.33546	.6433426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078054	.0021168	9.861185	.2047477	.1466945	.1744922	153.6094
Stddev	.0000799	.0000889	.044880	.0009122	.0004896	.0018389	.4483
%RSD	1.023140	4.198663	.4551148	.4455463	.3337564	1.053852	.2918478

#1	.0078890	.0020521	9.908691	.2057730	.1464288	.1764184	153.7752
#2	.0077300	.0020800	9.855364	.2040259	.1463953	.1727553	153.9511
#3	.0077971	.0022181	9.819500	.2044441	.1472595	.1743029	153.1018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97488	3.708654	.1266818	-.008717	-.537521	.1928035	.2294956
Stddev	.04232	.054482	.0004453	.000165	.220616	.0064404	.0152088
%RSD	.2826224	1.469044	.3515239	1.890471	41.04322	3.340400	6.627059

#1	14.97879	3.674978	.1262502	-.008840	-.471088	.1985970	.2120954
#2	14.93073	3.771511	.1266555	-.008782	-.783719	.1939447	.2361383
#3	15.01511	3.679473	.1271396	-.008530	-.357755	.1858688	.2402531

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.005895	.8559427	.0337157	.0068832	.2653308	.7486027	.0015928
Stddev	.037731	.0029033	.0013287	.0003235	.0056669	.0088878	.0004251
%RSD	3.751027	.3391898	3.940799	4.699367	2.135782	1.187258	26.68887

#1	1.026369	.8581454	.0330419	.0069847	.2703650	.7579003	.0013329
#2	.962352	.8526527	.0352462	.0071438	.2591935	.7401909	.0013621
#3	1.028964	.8570298	.0328588	.0065212	.2664340	.7477168	.0020833

Sample Name: J6180-13DLX2 Acquired: 12/6/2018 16:17:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3273763	.0073115	.0197217
Stddev	.0029756	.0012137	.0000472
%RSD	.9089318	16.59966	.2394814

#1	.3250758	.0084883	.0196755
#2	.3307368	.0073822	.0197699
#3	.3263164	.0060640	.0197198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2340.335	2589.271	50010.88	4886.860	3817.638
Stddev	5.729	3.385	202.88	31.658	.882
%RSD	.2447916	.1307356	.4056752	.6478241	.0230983

#1	2346.950	2585.387	50062.94	4875.894	3817.063
#2	2337.040	2591.593	49787.04	4862.143	3818.653
#3	2337.015	2590.833	50182.65	4922.543	3817.197

Sample Name: J6180-15DLX2 Acquired: 12/6/2018 16:22:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891454	.0113779	.6841918	-.036449	.0054857	46.49799	1.094633
Stddev	.0015432	.0007711	.0016798	.002306	.0014631	.18892	.002112
%RSD	1.731150	6.777157	.2455089	6.326590	26.67090	.4063052	.1929687

#1	.0909084	.0105623	.6859097	-.036024	.0047497	46.33243	1.092246
#2	.0880395	.0114764	.6841127	-.038939	.0071706	46.45774	1.095396
#3	.0884883	.0120951	.6825530	-.034386	.0045367	46.70380	1.096259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104406	.0068472	138.9264	.1285386	.1297205	.1708223	211.3756
Stddev	.0000825	.0000900	.2754	.0002685	.0002873	.0024737	.7408
%RSD	.7898772	1.315206	.1982588	.2088954	.2214757	1.448117	.3504543

#1	.0103556	.0068641	138.6095	.1286421	.1298109	.1727594	210.9541
#2	.0105203	.0067499	139.1084	.1282337	.1293988	.1680358	210.9417
#3	.0104458	.0069276	139.0613	.1287399	.1299516	.1716718	212.2309

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.85041	72.62185	.1645216	-.011906	-.355726	.1872584	.3794714
Stddev	.01340	.34245	.0007070	.000324	.048880	.0017803	.0204331
%RSD	.0642709	.4715542	.4297413	2.724058	13.74097	.9507213	5.384624

#1	20.86032	72.29836	.1652577	-.012280	-.345194	.1882733	.3567103
#2	20.85575	72.58663	.1638478	-.011705	-.409014	.1852028	.3854703
#3	20.83517	72.98054	.1644594	-.011734	-.312970	.1882992	.3962336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.365933	1.523231	.0303277	.0064008	2.686103	1.546856	.0022159
Stddev	.042393	.002562	.0027548	.0002579	.005758	.019415	.0016606
%RSD	1.791792	.1682225	9.083554	4.029466	.2143769	1.255158	74.93928

#1	2.324967	1.524322	.0315138	.0061665	2.692441	1.527333	.0028556
#2	2.363212	1.520304	.0271784	.0066772	2.681191	1.566162	.0034615
#3	2.409621	1.525068	.0322908	.0063588	2.684679	1.547075	.0003306

Sample Name: J6180-15DLX2 Acquired: 12/6/2018 16:22:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4107272	.0234009	.0786488
Stddev	.0032862	.0003569	.0001444
%RSD	.8001021	1.525170	.1835834

#1	.4069402	.0229985	.0786478
#2	.4128278	.0236793	.0785048
#3	.4124138	.0235248	.0787936

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2545.996	2782.962	55329.51	5406.857	3589.012
Stddev	15.643	4.654	458.71	23.391	2.480
%RSD	.6144213	.1672406	.8290427	.4326224	.0691007

#1	2529.194	2778.887	54808.64	5431.604	3586.747
#2	2560.140	2788.034	55673.18	5385.111	3591.662
#3	2548.654	2781.964	55506.73	5403.857	3588.627

Sample Name: J6180-17DLX2 Acquired: 12/6/2018 16:26:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717008	.0148417	1.106339	-.039508	.0047561	49.87499	1.331551
Stddev	.0006006	.0022242	.003308	.002794	.0009069	.13592	.004200
%RSD	.8377006	14.98602	.2989800	7.070790	19.06785	.2725265	.3153864

#1	.0712939	.0172840	1.102575	-.042043	.0058033	50.00647	1.336393
#2	.0723906	.0143088	1.108783	-.039969	.0042362	49.88347	1.328893
#3	.0714178	.0129325	1.107659	-.036513	.0042289	49.73502	1.329368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106457	.0065072	31.81795	.1345863	.2476668	.2066298	237.2012
Stddev	.0000811	.0001313	.08418	.0010319	.0002832	.0022441	1.2277
%RSD	.7613394	2.017427	.2645792	.7667182	.1143564	1.086056	.5175652

#1	.0106499	.0063557	31.89395	.1338214	.2478984	.2064216	238.4169
#2	.0107245	.0065865	31.83244	.1341775	.2473510	.2089708	237.2249
#3	.0105626	.0065795	31.72746	.1357599	.2477511	.2044971	235.9619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.10233	16.57632	.1818261	-.014385	-.729714	.2237066	.2960620
Stddev	.02921	.08207	.0006062	.000168	.043607	.0010758	.0194472
%RSD	.1119010	.4951046	.3333736	1.167335	5.975951	.4808806	6.568634

#1	26.12221	16.67103	.1823912	-.014193	-.769658	.2249350	.3132627
#2	26.06880	16.52632	.1811859	-.014452	-.683191	.2232517	.2999636
#3	26.11600	16.53159	.1819014	-.014508	-.736292	.2229329	.2749598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.679104	.9689902	.0471784	.0055476	.9323228	1.436609	.0043771
Stddev	.019239	.0031951	.0062915	.0002570	.0048115	.008864	.0003124
%RSD	1.145785	.3297406	13.33567	4.632698	.5160739	.6170005	7.136204

#1	1.660448	.9653825	.0531366	.0052694	.9349258	1.429734	.0040546
#2	1.698877	.9714631	.0405995	.0055970	.9267706	1.446613	.0043986
#3	1.677987	.9701249	.0477991	.0057762	.9352721	1.433480	.0046782

Sample Name: J6180-17DLX2 Acquired: 12/6/2018 16:26:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3692020	.0235711	.0477918
Stddev	.0023058	.0012858	.0001318
%RSD	.6245248	5.455016	.2757526

#1	.3689351	.0242204	.0477486
#2	.3670413	.0220901	.0476871
#3	.3716296	.0244027	.0479398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.130	2815.387	55054.17	5363.615	3741.793
Stddev	10.933	3.111	192.02	30.934	6.530
%RSD	.4267275	.1104993	.3487891	.5767420	.1745201

#1	2553.764	2814.572	55011.00	5359.992	3741.576
#2	2558.126	2818.825	54887.41	5334.652	3748.429
#3	2574.501	2812.766	55264.11	5396.201	3735.374

Sample Name: J6178-18DLX2 Acquired: 12/6/2018 16:30:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596156	.0102707	1.102372	-.030170	.0050592	46.92121	.7536122
Stddev	.0018977	.0028478	.001236	.001467	.0012550	.01955	.0022588
%RSD	3.183160	27.72758	.1121078	4.861270	24.80544	.0416710	.2997336

#1	.0596460	.0112225	1.103531	-.031718	.0054747	46.94087	.7516119
#2	.0614979	.0125208	1.101071	-.028801	.0060537	46.90177	.7531625
#3	.0577030	.0070689	1.102514	-.029992	.0036492	46.92098	.7560620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070532	.0029431	12.31554	.1184170	.2442731	.1556642	192.3318
Stddev	.0000753	.0000480	.02611	.0006203	.0003549	.0036718	.3933
%RSD	1.067211	1.631743	.2120140	.5238732	.1452811	2.358819	.2044664

#1	.0070625	.0029985	12.29865	.1185604	.2445800	.1537990	192.0492
#2	.0069737	.0029184	12.30236	.1189531	.2443549	.1598942	192.1652
#3	.0071234	.0029125	12.34562	.1177375	.2438845	.1532994	192.7809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.99702	6.473950	.2538357	-.011602	-.551742	.2281222	.4213473
Stddev	.09890	.049165	.0010954	.000340	.156375	.0100800	.0035248
%RSD	.5818636	.7594215	.4315230	2.934602	28.34205	4.418669	.8365453

#1	17.02818	6.520612	.2530284	-.011639	-.717803	.2329165	.4250422
#2	16.88630	6.478622	.2550826	-.011922	-.407303	.2165399	.4180218
#3	17.07659	6.422616	.2533962	-.011244	-.530119	.2349101	.4209779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.108810	.8731278	.0508086	.0048846	.5039636	4.935598	.0039597
Stddev	.039763	.0084182	.0009978	.0002312	.0054831	.030469	.0005563
%RSD	1.885581	.9641413	1.963872	4.732165	1.087989	.6173229	14.04853

#1	2.153883	.8669512	.0496713	.0046178	.5087461	4.969016	.0044237
#2	2.078694	.8827164	.0512177	.0050159	.4979793	4.909362	.0033430
#3	2.093853	.8697159	.0515370	.0050203	.5051655	4.928417	.0041125

Sample Name: J6178-18DLX2 Acquired: 12/6/2018 16:30:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3658019	.0148217	.0312423
Stddev	.0016427	.0012738	.0000307
%RSD	.4490821	8.594223	.0983077

#1	.3645430	.0134644	.0312127
#2	.3652026	.0159912	.0312403
#3	.3676602	.0150096	.0312740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.911	2555.381	49482.59	4879.806	3787.411
Stddev	3.845	6.121	116.44	32.689	7.729
%RSD	.1665128	.2395328	.2353186	.6698799	.2040739

#1	2304.578	2553.373	49348.14	4844.256	3783.814
#2	2310.241	2550.517	49549.41	4908.567	3782.135
#3	2311.914	2562.254	49550.23	4886.594	3796.283

Sample Name: J6178-21DLX10 Acquired: 12/6/2018 16:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341550	.0068281	.1488794	-.016066	.0028673	12.19330	1.173614
Stddev	.0018571	.0009849	.0018574	.002420	.0000608	.02601	.004299
%RSD	5.437361	14.42354	1.247602	15.06426	2.120577	.2132810	.3663460

#1	.0347132	.0064426	.1474695	-.017398	.0029354	12.19626	1.177003
#2	.0320828	.0079474	.1481847	-.013272	.0028480	12.16594	1.168778
#3	.0356690	.0060943	.1509841	-.017528	.0028185	12.21770	1.175063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034691	.0024656	3.640436	.0451893	.0648611	.1046063	87.68065
Stddev	.0000225	.0000191	.021848	.0004982	.0001865	.0021832	.16673
%RSD	.6474546	.7752311	.6001574	1.102412	.2875187	2.087020	.1901591

#1	.0034701	.0024445	3.636921	.0446141	.0650720	.1067952	87.60019
#2	.0034910	.0024818	3.620559	.0454859	.0647182	.1045947	87.56941
#3	.0034462	.0024706	3.663829	.0454678	.0647929	.1024290	87.87236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.77831	1.176561	.0638905	-.003255	-.457462	.0696839	.1611723
Stddev	.05104	.075071	.0003243	.000096	.213212	.0031525	.0112166
%RSD	.3704622	6.380550	.5076564	2.964034	46.60764	4.523948	6.959394

#1	13.78500	1.251018	.0635472	-.003181	-.523378	.0680310	.1699630
#2	13.72425	1.100890	.0641918	-.003364	-.219076	.0733191	.1485395
#3	13.82568	1.177775	.0639325	-.003219	-.629933	.0677016	.1650142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3420854	.2491707	.0159595	.0039683	.0968193	.3158553	.0007602
Stddev	.0560921	.0007835	.0023253	.0003393	.0025864	.0045644	.0010237
%RSD	16.39711	.3144458	14.56975	8.549161	2.671325	1.445097	134.6553

#1	.3371305	.2493884	.0182995	.0043010	.0964080	.3110488	.0018769
#2	.4004906	.2483013	.0159297	.0036228	.0944632	.3201313	-.000134
#3	.2886351	.2498223	.0136493	.0039811	.0995867	.3163857	.000538

Sample Name: J6178-21DLX10 Acquired: 12/6/2018 16:34:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADL9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1010700	.0062234	.0127022
Stddev	.0023008	.0005614	.0000550
%RSD	2.276433	9.020034	.4332775

#1	.1031375	.0056002	.0127232
#2	.0985914	.0063809	.0126398
#3	.1014810	.0066892	.0127437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.906	2462.832	47445.97	4612.860	3847.321
Stddev	12.486	.159	180.43	24.003	1.299
%RSD	.5599435	.0064449	.3802756	.5203506	.0337749

#1	2215.814	2463.015	47256.77	4636.061	3847.168
#2	2239.590	2462.744	47616.11	4614.393	3846.104
#3	2234.316	2462.736	47465.04	4588.128	3848.690

Sample Name: PB115395BL Acquired: 12/6/2018 16:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003014	.0007277	-.000796	-.001301	-.000010	-.005755
Stddev	.002318	.0024697	.001039	.000803	.000705	.018879
%RSD	76.87991	339.3982	130.4952	61.70930	7367.973	328.0641

#1	-.005326	-.000766	.000310	-.000546	-.000296	.016042
#2	-.003025	-.000629	-.000948	-.002144	-.000527	-.016997
#3	-.000691	.003578	-.001751	-.001212	.000794	-.016309

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000458	.0000097	-.000035	.0066722	-.000322	.0000047
Stddev	.000519	.0000430	.000013	.0050963	.000111	.0000906
%RSD	113.2662	442.2904	37.24858	76.38104	34.48788	1932.985

#1	-.001027	-.000025	-.000021	.0118353	-.000259	-.000095
#2	-.000010	.000058	-.000039	.0065360	-.000256	.000081
#3	-.000338	-.000003	-.000047	.0016454	-.000450	.000028

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002205	-.015083	-.002781	.0534409	-.000187	.0014796
Stddev	.000397	.009136	.000455	.0188268	.000022	.0000750
%RSD	18.01510	60.57215	16.36143	35.22923	11.62841	5.072547

#1	-.001764	-.010229	-.003077	.0467047	-.000201	.0015152
#2	-.002316	-.025621	-.002257	.0389089	-.000197	.0015301
#3	-.002535	-.009398	-.003010	.0747092	-.000162	.0013933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.248980	-.003350	.0080878	-.163801	-.000812	F -.014830
Stddev	.144246	.006836	.0110510	.031335	.001614	.001843
%RSD	57.93457	204.0579	136.6374	19.13008	198.7118	12.42440

#1	-.225900	-.008275	.0141052	-.176029	-.001239	-.013671
#2	-.403374	-.006231	.0148243	-.128195	.000972	-.016954
#3	-.117666	.004455	-.004666	-.187178	-.002169	-.013864

Sample Name: PB115395BL Acquired: 12/6/2018 16:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	-.005136	-.004631	-.001696	-.000235	-.008699
Stddev	.000159	.003410	.000201	.000281	.000995	.002473
%RSD	162.6524	66.39721	4.345756	16.57325	423.0701	28.43277

#1	-.000218	-.001210	-.004480	-.002010	.000086	-.008316
#2	-.000159	-.006836	-.004554	-.001469	-.001351	-.011342
#3	.000083	-.007363	-.004859	-.001607	.000560	-.006440

Elem	Sr4077
Units	ppm
Avg	-.000262
Stddev	.000059
%RSD	22.40914

#1	-.000201
#2	-.000319
#3	-.000267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.655	2394.378	45912.12	4494.227	3844.334
Stddev	2.525	2.950	254.02	8.559	5.978
%RSD	.1163082	.1231879	.5532640	.1904387	.1555108

#1	2167.755	2394.559	45786.23	4503.000	3850.144
#2	2172.358	2397.233	45745.64	4485.900	3844.659
#3	2171.853	2391.343	46204.49	4493.780	3838.200

Sample Name: PB115395BS Acquired: 12/6/2018 16:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186688	.0511801	.0175119	.0687863	.1205121	.3856758
Stddev	.0014265	.0008302	.0019311	.0032326	.0007320	.0096360
%RSD	7.640953	1.622181	11.02748	4.699483	.6074149	2.498458

#1	.0197658	.0513764	.0192409	.0673284	.1213556	.3962469
#2	.0170562	.0502693	.0178669	.0724911	.1201382	.3833971
#3	.0191844	.0518946	.0154279	.0665394	.1200426	.3773835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3964925	.0100018	.0095414	9.853273	.0199333	.0925244
Stddev	.0022195	.0000636	.0000631	.037397	.0004410	.0001303
%RSD	.5597806	.6361131	.6612791	.3795431	2.212292	.1408420

#1	.3990349	.0099367	.0096130	9.849912	.0203441	.0925134
#2	.3949417	.0100638	.0095173	9.817670	.0199884	.0923999
#3	.3955009	.0100049	.0094939	9.892238	.0194673	.0926599

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505781	.2111334	.0303286	9.651058	.0778711	.0201848
Stddev	.0037411	.0119103	.0013710	.092403	.0002017	.0003455
%RSD	7.396713	5.641112	4.520564	.9574363	.2589898	1.711538

#1	.0517533	.2178655	.0297865	9.560359	.0777017	.0200675
#2	.0463905	.2181532	.0293114	9.745075	.0778174	.0199133
#3	.0535905	.1973816	.0318877	9.647742	.0780942	.0205737

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.536292	.1039467	.1138619	9.354166	.0143362	F .0068072
Stddev	.325774	.0026474	.0092041	.071609	.0014274	.0011625
%RSD	3.416151	2.546864	8.083531	.7655301	9.956636	17.07795

#1	9.407092	.1016632	.1208085	9.272382	.0128293	.0056460
#2	9.294935	.1068485	.1173544	9.405613	.0145114	.0079710
#3	9.906848	.1033285	.1034227	9.384503	.0156679	.0068045

Sample Name: PB115395BS Acquired: 12/6/2018 16:42:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188724	F .1275192	.1978208	.0104818	.2040130	.0848250
Stddev	.0002256	.0031845	.0031461	.0008280	.0002765	.0017426
%RSD	1.195340	2.497286	1.590380	7.899368	.1355049	2.054389

#1	.0191022	.1270193	.1943568	.0114374	.2043302	.0828149
#2	.0186513	.1246142	.2005007	.0099790	.2038853	.0857495
#3	.0188639	.1309241	.1986049	.0100289	.2038235	.0859107

Elem	Sr4077
Units	ppm
Avg	.1898457
Stddev	.0004650
%RSD	.2449304

#1	.1897715
#2	.1894222
#3	.1903433

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.349	2376.415	46027.03	4450.490	3842.214
Stddev	21.075	2.021	17.67	3.369	2.425
%RSD	.9710330	.0850254	.0383850	.0757027	.0631144

#1	2169.518	2378.633	46047.41	4452.390	3844.780
#2	2191.826	2374.680	46017.50	4446.600	3839.960
#3	2149.701	2375.931	46016.16	4452.480	3841.901

Sample Name: J6181-01 Acquired: 12/6/2018 16:46:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850052	.0157259	.4189783	-.034910	.0055728	114.9383	1.076093
Stddev	.0018967	.0010638	.0024113	.003598	.0010110	.3273	.000313
%RSD	2.231261	6.764433	.5755231	10.30679	18.14115	.2847269	.0291128

#1	.0854393	.0152498	.4198755	-.031488	.0060124	115.0816	1.075871
#2	.0866472	.0149834	.4162470	-.038661	.0044165	114.5638	1.076451
#3	.0829291	.0169446	.4208125	-.034580	.0062896	115.1695	1.075957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089941	.0024274	17.05676	.2642360	.1870366	.1302438	283.8299
Stddev	.0001163	.0000549	.02582	.0014802	.0006593	.0066876	2.3094
%RSD	1.292946	2.262360	.1513732	.5601765	.3525092	5.134697	.8136452

#1	.0091158	.0023674	17.04968	.2659075	.1863032	.1259719	285.5514
#2	.0089826	.0024751	17.03522	.2637093	.1872263	.1268087	281.2055
#3	.0088841	.0024399	17.08538	.2630912	.1875803	.1379509	284.7328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.207003	14.13920	.1024715	-.019427	-.603663	.4264921	.2784693
Stddev	.002099	.09359	.0007980	.000255	.233208	.0075943	.0104734
%RSD	.0255805	.6618919	.7787865	1.313848	38.63212	1.780654	3.761057

#1	8.208311	14.24276	.1015501	-.019139	-.795338	.4318740	.2898546
#2	8.204581	14.11418	.1029425	-.019518	-.344023	.4178053	.2692450
#3	8.208116	14.06067	.1029220	-.019625	-.671629	.4297970	.2763082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.234855	1.895681	.0623400	.0097216	1.001122	5.025428	.0070846
Stddev	.101717	.005672	.0004712	.0003620	.000283	.017617	.0005795
%RSD	1.943081	.2991946	.7559333	3.723797	.0282622	.3505540	8.179537

#1	5.311883	1.889191	.0628637	.0100845	1.001296	5.005089	.0070332
#2	5.119553	1.898166	.0622062	.0093605	1.000796	5.035912	.0065325
#3	5.273128	1.899687	.0619502	.0097196	1.001276	5.035282	.0076880

Sample Name: J6181-01 Acquired: 12/6/2018 16:46:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7478388	.0516932	.0587164
Stddev	.0052796	.0013756	.0002475
%RSD	.7059850	2.661140	.4215166

#1	.7429306	.0526302	.0589965
#2	.7471613	.0501139	.0585273
#3	.7534245	.0523356	.0586253

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.477	2574.004	50199.65	4920.405	3759.066
Stddev	16.469	5.367	282.83	6.752	6.175
%RSD	.7027450	.2084949	.5634045	.1372303	.1642602

#1	2352.950	2570.743	50192.00	4926.831	3757.166
#2	2324.461	2580.198	49920.72	4913.368	3765.967
#3	2353.020	2571.072	50486.22	4921.016	3754.065

Sample Name: J6181-02 Acquired: 12/6/2018 16:50:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732737	.0157524	.2890389	-.036792	.0058671	112.8179	1.149215
Stddev	.0012166	.0017417	.0022680	.001959	.0003437	.5066	.005465
%RSD	1.660337	11.05690	.7846556	5.324501	5.858811	.4490292	.4755763

#1	.0742014	.0167261	.2881695	-.037543	.0062028	113.3999	1.155525
#2	.0737235	.0137416	.2873342	-.038265	.0055158	112.5777	1.145996
#3	.0718963	.0167896	.2916129	-.034569	.0058827	112.4760	1.146123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079483	.0024014	7.551866	.2037003	.1382532	.1456603	250.1402
Stddev	.0000885	.0000617	.097111	.0002875	.0002586	.0025933	1.2548
%RSD	1.113927	2.570240	1.285918	.1411489	.1870558	1.780340	.5016356

#1	.0080504	.0023782	7.643797	.2040295	.1385516	.1470695	251.5705
#2	.0078928	.0024714	7.561506	.2034985	.1380943	.1472438	249.2246
#3	.0079018	.0023547	7.450295	.2035728	.1381137	.1426675	249.6255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.51739	13.17335	.1136506	-.015837	-.650369	.3586950	.2997672
Stddev	.02919	.10940	.0001980	.000140	.135126	.0038951	.0022722
%RSD	.2331709	.8304477	.1741985	.8829238	20.77677	1.085918	.7579715

#1	12.54813	13.22630	.1138620	-.015842	-.745727	.3557929	.3022733
#2	12.49006	13.24619	.1136202	-.015695	-.495737	.3631219	.2978417
#3	12.51398	13.04755	.1134696	-.015974	-.709644	.3571703	.2991866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.138704	1.282537	.0496077	.0090761	.5215931	5.486372	.0098310
Stddev	.070340	.001896	.0014742	.0002675	.0030053	.024279	.0010005
%RSD	1.368830	.1478119	2.971641	2.947285	.5761779	.4425295	10.17735

#1	5.219097	1.284320	.0486819	.0093660	.5189337	5.503377	.0092140
#2	5.088485	1.280546	.0488336	.0090235	.5248535	5.497171	.0109854
#3	5.108530	1.282746	.0513077	.0088388	.5209921	5.458567	.0092936

Sample Name: J6181-02 Acquired: 12/6/2018 16:50:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.132968	.0460717	.0823723
Stddev	.005325	.0010278	.0003829
%RSD	.4700187	2.230966	.4648346

#1	1.138478	.0470172	.0825437
#2	1.127849	.0449777	.0819337
#3	1.132576	.0462204	.0826396

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.899	2653.924	51728.14	5060.170	3777.311
Stddev	19.083	4.269	139.15	37.206	6.366
%RSD	.7882551	.1608435	.2690054	.7352814	.1685221

#1	2439.610	2649.650	51612.82	5017.716	3774.206
#2	2421.622	2653.936	51688.91	5087.105	3784.633
#3	2401.464	2658.187	51882.70	5075.688	3773.093

Sample Name: CCV036 Acquired: 12/6/2018 16:54:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.770979	4.786459	24.05987	4.574126	4.859306	420.5148
Stddev	.001363	.007474	.00253	.019119	.000972	.9974
%RSD	.0285712	.1561574	.0105295	.4179744	.0200108	.2371887

#1	4.772519	4.777986	24.06216	4.591635	4.858497	421.5480
#2	4.770491	4.792119	24.05715	4.553727	4.859036	420.4389
#3	4.769928	4.789271	24.06030	4.577017	4.860385	419.5575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.951372	.4942233	2.361668	405.2757	14.47417	2.425334
Stddev	.035201	.0030840	.004484	1.1786	.00765	.000823
%RSD	.3537331	.6240164	.1898630	.2908023	.0528330	.0339452

#1	9.960591	.4915821	2.362188	404.9458	14.48296	2.425460
#2	9.981047	.4976125	2.356947	406.5841	14.46903	2.424454
#3	9.912479	.4934752	2.365870	404.2973	14.47051	2.426086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23240	426.6610	14.52420	418.4010	2.422954	1.182780
Stddev	.02495	2.4089	.02512	2.7007	.002806	.002958
%RSD	.1637675	.5645948	.1729832	.6454887	.1157929	.2500765

#1	15.22926	428.7923	14.50045	420.4583	2.419727	1.185684
#2	15.25876	424.0475	14.55050	415.3427	2.424327	1.182885
#3	15.20917	427.1432	14.52165	419.4021	2.424809	1.179771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.3715	2.532686	15.07429	153.6576	F 4.212211	5.042985
Stddev	1.6077	.016134	.07471	.5344	.015117	.011978
%RSD	.3870624	.6370377	.4955969	.3478031	.3588837	.2375130

#1	416.5635	2.548877	15.15924	153.4897	4.206398	5.032270
#2	416.0081	2.532572	15.01880	154.2558	4.229371	5.055916
#3	413.5430	2.516609	15.04484	153.2272	4.200862	5.040768

Sample Name: CCV036 Acquired: 12/6/2018 16:54:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.674265	F 3.854316	4.915618	4.837568	4.983923	5.014559
Stddev	.007854	.012967	.019143	.003121	.008399	.023908
%RSD	.1680236	.3364217	.3894287	.0645122	.1685168	.4767670

#1	4.677143	3.839398	4.903008	4.834938	4.990980	5.024522
#2	4.665378	3.860663	4.937645	4.841017	4.986156	5.031875
#3	4.680274	3.862886	4.906200	4.836749	4.974634	4.987282

Elem	Sr4077
Units	ppm
Avg	4.832982
Stddev	.005010
%RSD	.1036601

#1	4.827283
#2	4.836692
#3	4.834971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.635	2006.893	43376.45	4284.191	3042.132
Stddev	10.487	7.211	149.47	16.762	6.829
%RSD	.5523259	.3593132	.3445839	.3912596	.2244853

#1	1886.850	1998.862	43204.05	4280.874	3034.366
#2	1902.119	2012.813	43455.58	4269.334	3047.200
#3	1906.937	2009.003	43469.71	4302.363	3044.829

Sample Name: CCB036 Acquired: 12/6/2018 16:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002508	.0009103	.0000595	-.001375	-.001027	.0083410	-.000213
Stddev	.001653	.0006046	.0007234	.001777	.000729	.0066370	.000853
%RSD	65.90591	66.41694	1216.141	129.1893	70.95477	79.57004	401.5072

#1	-.000679	.0016039	.0006070	-.003424	-.001585	.0158674	-.000062
#2	-.003895	.0004946	.0003320	-.000254	-.001294	.0058290	.000555
#3	-.002951	.0006324	-.000761	-.000448	-.000202	.0033268	-.001131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	-.000046	.0021613	-.000200	-.000047	-.000341	-.003678
Stddev	.000084	.000020	.0131076	.000181	.000311	.002377	.013304
%RSD	321.6707	44.26722	606.4590	90.72019	657.7573	698.0324	361.6977

#1	.000055	-.000068	.0123937	-.000320	-.000144	-.002412	-.013610
#2	-.000113	-.000042	.0067035	.000009	-.000298	.002255	-.008862
#3	-.000020	-.000028	-.012613	-.000289	.000300	-.000865	.011438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001999	.0269984	-.000152	.0015508	-.406039	.0005177	.0193200
Stddev	.001215	.0597334	.000361	.0006021	.122006	.0052749	.0066674
%RSD	60.77425	221.2477	237.8501	38.82630	30.04788	1018.817	34.51035

#1	-.002701	.0198455	.000210	.0008839	-.271045	.0059650	.0121595
#2	-.000596	-.028836	-.000511	.0020545	-.438640	-.004566	.0253497
#3	-.002699	.089986	-.000154	.0017139	-.508434	.000154	.0204507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101224	-.001791	-.002113	.0000074	-.002914	-.004385	-.001484
Stddev	.046320	.001323	.000953	.0000847	.001645	.000819	.000407
%RSD	45.75991	73.83375	45.11507	1141.301	56.45493	18.67797	27.44362

#1	-.131844	-.000803	-.002588	.0000904	-.003906	-.003442	-.001785
#2	-.123894	-.001277	-.001016	.0000108	-.003821	-.004920	-.001020
#3	-.047936	-.003293	-.002736	-.000079	-.001015	-.004792	-.001646

Sample Name: CCB036 Acquired: 12/6/2018 16:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006272	-.002441	-.000099
Stddev	.0016397	.000760	.000054
%RSD	261.4448	31.12605	54.20108

#1	.0016017	-.002986	-.000138
#2	-.001266	-.002765	-.000121
#3	.001546	-.001573	-.000038

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.806	2386.890	45688.42	4490.650	3828.834
Stddev	6.229	1.946	107.70	20.696	3.101
%RSD	.2882904	.0815114	.2357237	.4608629	.0809803

#1	2157.030	2388.619	45750.70	4494.170	3830.485
#2	2167.996	2384.783	45750.50	4468.420	3830.759
#3	2157.392	2387.269	45564.06	4509.360	3825.257

Sample Name: J6181-18 Acquired: 12/6/2018 17:06:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7666699	.0118070	.3910973	.1404181	.5095629	18.16535	.0592998
Stddev	.0026887	.0009101	.0009919	.0007134	.0022864	.04463	.0004978
%RSD	.3507017	7.708482	.2536338	.5080485	.4487032	.2456822	.8394050

#1	.7635832	.0113250	.3900302	.1396211	.5079908	18.11508	.0587434
#2	.7685020	.0128568	.3919914	.1406362	.5085120	18.20031	.0594534
#3	.7679245	.0112393	.3912702	.1409970	.5121858	18.18066	.0597027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2726438	.1816663	9.633123	.0333836	.3368695	.3073711	41.59277
Stddev	.0017851	.0001081	.038070	.0002419	.0010544	.0010531	.22346
%RSD	.6547256	.0595284	.3951977	.7246240	.3129961	.3426125	.5372488

#1	.2744054	.1816785	9.590008	.0335741	.3359779	.3070924	41.34817
#2	.2726899	.1815525	9.647254	.0334654	.3365972	.3064854	41.64392
#3	.2708361	.1817678	9.662107	.0331114	.3380333	.3085355	41.78622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3850851	57.34904	.3799927	.0707360	39.95559	1.407134	.0641558
Stddev	.0013846	.28176	.0009352	.0007201	.10776	.003275	.0097495
%RSD	.3595627	.4913065	.2461197	1.017969	.2696877	.2327104	15.19654

#1	.3849545	57.14680	.3792112	.0706736	39.88731	1.410636	.0722630
#2	.3837705	57.67087	.3797382	.0700491	39.89966	1.406617	.0533378
#3	.3865305	57.22944	.3810289	.0714852	40.07981	1.404149	.0668666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380934	.0939753	.0508831	.0034896	.4933162	2.202897	.0012504
Stddev	.081658	.0025316	.0002668	.0001274	.0057172	.024673	.0004413
%RSD	3.429660	2.693871	.5243535	3.649947	1.158926	1.120042	35.28926

#1	2.474015	.0957157	.0511912	.0036207	.4867158	2.220142	.0015273
#2	2.347436	.0951390	.0507250	.0034819	.4967289	2.213915	.0007416
#3	2.321353	.0910711	.0507332	.0033663	.4965038	2.174634	.0014823

Sample Name: J6181-18 Acquired: 12/6/2018 17:06:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6228169	-.002436	.0207631
Stddev	.0018118	.001281	.0001674
%RSD	.2909094	52.58942	.8060137

#1	.6241277	-.003560	.0209553
#2	.6207494	-.002707	.0206492
#3	.6235736	-.001041	.0206849

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.710	2445.483	47716.65	4648.963	3778.057
Stddev	9.255	2.733	265.96	13.023	1.959
%RSD	.4145003	.1117648	.5573651	.2801369	.0518620

#1	2243.363	2442.678	47931.34	4635.770	3779.563
#2	2228.107	2448.138	47419.14	4649.310	3775.842
#3	2226.659	2445.633	47799.47	4661.810	3778.765

Sample Name: J6181-15 Acquired: 12/6/2018 17:14:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650783	.0101199	.4019072	-.029094	.0039251	88.55743	1.136117
Stddev	.0010649	.0011468	.0039019	.003870	.0004829	.22432	.002468
%RSD	1.636343	11.33257	.9708336	13.30210	12.30173	.2533045	.2172248

#1	.0640682	.0090329	.3987087	-.030357	.0034488	88.49206	1.135294
#2	.0661906	.0113184	.4007584	-.024750	.0044143	88.37305	1.134165
#3	.0649761	.0100084	.4062544	-.032175	.0039123	88.80717	1.138891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083304	.0017381	17.53978	.2200401	1.815765	.0939361	202.5625
Stddev	.0000726	.0001093	.02007	.0013451	.002710	.0007018	.8069
%RSD	.8717058	6.290233	.1144124	.6113017	.1492680	.7471085	.3983569

#1	.0082494	.0018636	17.53044	.2184955	1.817584	.0932880	201.6449
#2	.0083897	.0016866	17.56282	.2206712	1.812650	.0938387	202.8810
#3	.0083520	.0016639	17.52608	.2209536	1.817061	.0946815	203.1615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.966128	11.44042	1.390274	-.013632	-.486891	.3772752	.2428794
Stddev	.024107	.06335	.002584	.000484	.067718	.0012087	.0098159
%RSD	.4040687	.5537030	.1858785	3.548552	13.90830	.3203709	4.041456

#1	5.947396	11.36852	1.390514	-.013367	-.490390	.3786125	.2318331
#2	5.993326	11.48799	1.387578	-.014191	-.552791	.3762606	.2506015
#3	5.957662	11.46477	1.392730	-.013339	-.417490	.3769526	.2462036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.612037	1.610336	.0481263	.0077493	.8669504	5.319127	.0045158
Stddev	.059700	.011052	.0027633	.0002911	.0054834	.031310	.0003209
%RSD	1.294442	.6862983	5.741800	3.755926	.6324919	.5886226	7.105377

#1	4.649827	1.622729	.0449978	.0077825	.8696319	5.346711	.0041454
#2	4.643074	1.601504	.0502338	.0074430	.8606423	5.285096	.0046951
#3	4.543212	1.606775	.0491474	.0080223	.8705770	5.325576	.0047070

Sample Name: J6181-15 Acquired: 12/6/2018 17:14:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6418747	.0312400	.0368341
Stddev	.0025392	.0007410	.0002022
%RSD	.3955995	2.372062	.5488710

#1	.6444695	.0311352	.0368020
#2	.6393949	.0320278	.0366500
#3	.6417597	.0305569	.0370505

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.275	2617.127	50848.69	4968.695	3801.353
Stddev	29.165	5.381	214.63	21.709	8.131
%RSD	1.231499	.2055981	.4221005	.4369225	.2138924

#1	2352.128	2621.799	50674.38	4944.420	3796.750
#2	2350.754	2618.339	50783.26	4975.414	3810.742
#3	2401.943	2611.244	51088.42	4986.250	3796.568

Sample Name: J6181-16 Acquired: 12/6/2018 17:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623653	.0087931	.4085034	-.028709	.0023230	89.29697	1.145820
Stddev	.0017036	.0012640	.0025065	.002429	.0003618	.38590	.003960
%RSD	2.731712	14.37434	.6135750	8.460574	15.57418	.4321579	.3456319

#1	.0606834	.0100412	.4060189	-.029089	.0025819	89.14347	1.146218
#2	.0623225	.0075138	.4084599	-.030926	.0024774	89.73600	1.149566
#3	.0640899	.0088243	.4110313	-.026113	.0019096	89.01143	1.141675

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082686	.0018498	17.66381	.2028901	1.848919	.0938712	200.7347
Stddev	.0001569	.0001165	.00379	.0012408	.003295	.0042219	1.4555
%RSD	1.897363	6.299628	.0214332	.6115630	.1781927	4.497496	.7250708

#1	.0083697	.0018078	17.66558	.2030403	1.850772	.0895472	199.3440
#2	.0083483	.0017601	17.66639	.2040490	1.845115	.0979828	202.2473
#3	.0080879	.0019815	17.65947	.2015811	1.850869	.0940837	200.6129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.030132	11.62159	1.408065	-.013235	-.566088	.3767069	.2525533
Stddev	.008540	.10151	.002062	.000130	.107341	.0061377	.0113703
%RSD	.1416255	.8734478	.1464517	.9847028	18.96183	1.629298	4.502138

#1	6.037044	11.63262	1.409877	-.013132	-.689195	.3741244	.2652150
#2	6.020585	11.71713	1.405821	-.013381	-.492065	.3837139	.2432152
#3	6.032766	11.51502	1.408496	-.013192	-.517003	.3722825	.2492295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.669178	1.605976	.0430481	.0074561	.8703721	5.435536	.0056191
Stddev	.056850	.003242	.0045278	.0001270	.0066401	.145390	.0011197
%RSD	1.217551	.2018806	10.51802	1.703397	.7628991	2.674812	19.92664

#1	4.658021	1.605187	.0393956	.0073153	.8736415	5.437234	.0058325
#2	4.730779	1.603200	.0416346	.0075620	.8747435	5.580070	.0044080
#3	4.618734	1.609539	.0481140	.0074909	.8627312	5.289305	.0066167

Sample Name: J6181-16 Acquired: 12/6/2018 17:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6436563	.0315063	.0367683
Stddev	.0043447	.0004626	.0001173
%RSD	.6750002	1.468420	.3189407

#1	.6387572	.0313541	.0367672
#2	.6451704	.0311389	.0368861
#3	.6470414	.0320259	.0366515

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.030	2606.050	50559.48	4965.505	3784.779
Stddev	14.004	2.764	229.27	30.758	7.475
%RSD	.5939017	.1060420	.4534748	.6194298	.1974947

#1	2360.695	2603.394	50397.02	4963.272	3776.229
#2	2370.510	2608.909	50821.74	4935.924	3790.073
#3	2342.884	2605.847	50459.69	4997.318	3788.035

Sample Name: J6181-17 Acquired: 12/6/2018 17:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1293948	.1162065	.4496697	-.016212	.0391564	101.6516	5.058415
Stddev	.0007427	.0026506	.0026946	.001514	.0013918	.2943	.011013
%RSD	.5739990	2.280918	.5992288	9.336310	3.554334	.2894700	.2177213

#1	.1302520	.1146201	.4488992	-.014646	.0390489	101.3138	5.060397
#2	.1289438	.1147329	.4526656	-.016323	.0405988	101.8520	5.046546
#3	.1289885	.1192664	.4474444	-.017667	.0378216	101.7891	5.068303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0978172	.0979954	18.24996	.5766737	2.769622	.6010694	214.0811
Stddev	.0002077	.0002501	.05982	.0015232	.001921	.0012487	1.0845
%RSD	.2123209	.2551756	.3277755	.2641308	.0693467	.2077448	.5065980

#1	.0975971	.0979429	18.21977	.5754388	2.771816	.5997207	212.8315
#2	.0980097	.0982676	18.21126	.5783757	2.768246	.6021853	214.7779
#3	.0978450	.0977758	18.31886	.5762065	2.768804	.6013022	214.6338

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.202951	12.25480	2.402235	.0680379	-.412707	1.353706	1.193532
Stddev	.018515	.07172	.003329	.0004852	.116759	.009984	.012488
%RSD	.2570473	.5852443	.1385927	.7131257	28.29112	.7375493	1.046329

#1	7.192937	12.17586	2.401656	.0679087	-.519577	1.343269	1.179440
#2	7.191599	12.31594	2.405816	.0676304	-.288090	1.363165	1.197927
#3	7.224316	12.27261	2.399233	.0685746	-.430453	1.354683	1.203228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.156560	1.659546	.0521737	.0079382	.9121913	5.735731	.0046174
Stddev	.052700	.010621	.0013180	.0000557	.0018424	.026497	.0006650
%RSD	1.021990	.6400185	2.526081	.7021124	.2019716	.4619721	14.40276

#1	5.210286	1.648120	.0533967	.0078743	.9106921	5.743224	.0050057
#2	5.104951	1.661398	.0507779	.0079636	.9116338	5.706294	.0049970
#3	5.154442	1.669120	.0523466	.0079768	.9142481	5.757675	.0038495

Sample Name: J6181-17 Acquired: 12/6/2018 17:22:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6349437	.0354203	.0400439
Stddev	.0070205	.0005725	.0002764
%RSD	1.105693	1.616183	.6902592

#1	.6270521	.0360750	.0398512
#2	.6372830	.0350141	.0399199
#3	.6404958	.0351718	.0403606

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.842	2601.262	50928.96	4993.328	3771.204
Stddev	8.944	5.016	320.84	30.149	.843
%RSD	.3797957	.1928113	.6299693	.6037950	.0223507

#1	2364.104	2607.009	51299.30	5028.120	3771.610
#2	2346.255	2597.769	50735.57	4976.999	3770.235
#3	2354.167	2599.008	50752.00	4974.865	3771.767

Sample Name: J6181-15LX5 Acquired: 12/6/2018 17:26:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129418	.0015875	.0782093	-.008987	.0007344	18.05005	.2308644
Stddev	.0026899	.0009412	.0022224	.001659	.0008059	.07518	.0009506
%RSD	20.78455	59.28639	2.841642	18.46160	109.7403	.4165325	.4117434

#1	.0144047	.0006504	.0760122	-.007412	-.000174	18.13673	.2319163
#2	.0145832	.0015794	.0781596	-.008828	.001365	18.00259	.2306100
#3	.0098375	.0025327	.0804562	-.010719	.001012	18.01082	.2300669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017208	.0001755	3.604768	.0424439	.3501620	.0190294	41.57370
Stddev	.0000812	.0000567	.015592	.0003267	.0005800	.0030785	.15221
%RSD	4.716145	32.33998	.4325477	.7696369	.1656486	16.17747	.3661171

#1	.0017973	.0001188	3.621087	.0425826	.3495352	.0181285	41.69147
#2	.0016357	.0001753	3.603196	.0426784	.3506797	.0224579	41.62779
#3	.0017295	.0002323	3.590022	.0420708	.3502711	.0165020	41.40183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.230470	2.422926	.2685133	-.001699	-.261210	.0739644	.0560072
Stddev	.001957	.017601	.0005630	.000415	.170087	.0020064	.0087507
%RSD	.1590379	.7264478	.2096791	24.40005	65.11514	2.712689	15.62417

#1	1.232718	2.402607	.2679117	-.001361	-.442361	.0761488	.0655235
#2	1.229147	2.432680	.2690274	-.001574	-.236344	.0735408	.0541910
#3	1.229544	2.433490	.2686009	-.002162	-.104924	.0722036	.0483072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8475514	.3088211	.0027379	.0017000	.1656094	1.075445	-.000909
Stddev	.0664662	.0012266	.0010575	.0001430	.0013311	.013750	.000261
%RSD	7.842139	.3971968	38.62485	8.413966	.8037559	1.278519	28.68171

#1	.8977240	.3074180	.0036471	.0016368	.1652099	1.061266	-.001046
#2	.8727619	.3093548	.0029892	.0018638	.1670945	1.088721	-.000609
#3	.7721681	.3096905	.0015773	.0015995	.1645238	1.076348	-.001073

Sample Name: J6181-15LX5 Acquired: 12/6/2018 17:26:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADQ3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1319335	.0019150	.0073662
Stddev	.0045266	.0008957	.0000346
%RSD	3.430989	46.77349	.4689840

#1	.1307497	.0010636	.0073346
#2	.1369343	.0018323	.0073610
#3	.1281163	.0028493	.0074031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.082	2445.966	46918.76	4579.587	3851.434
Stddev	6.411	3.479	42.05	4.963	7.444
%RSD	.2912601	.1422477	.0896141	.1083825	.1932879

#1	2208.267	2442.072	46907.11	4575.230	3843.090
#2	2199.032	2447.056	46965.40	4584.990	3857.395
#3	2195.947	2448.769	46883.77	4578.540	3853.816

Sample Name: J6181-03 Acquired: 12/6/2018 17:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856499	.0168958	.4010827	-.039023	.0061938	107.6705	1.226794
Stddev	.0009654	.0011039	.0002919	.000625	.0017045	.2414	.001243
%RSD	1.127170	6.533739	.0727854	1.601732	27.51917	.2241881	.1013114

#1	.0865873	.0164504	.4008502	-.038948	.0064248	107.4612	1.225445
#2	.0857036	.0160842	.4009876	-.039682	.0043856	107.6158	1.227045
#3	.0846587	.0181529	.4014104	-.038438	.0077710	107.9346	1.227893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090118	.0029167	7.117341	.2528761	.1818322	.1396273	266.4671
Stddev	.0001000	.0000640	.013930	.0007253	.0005367	.0060648	.4951
%RSD	1.109938	2.193692	.1957151	.2868203	.2951428	4.343584	.1858112

#1	.0090149	.0028599	7.111878	.2520627	.1812652	.1361713	266.0736
#2	.0091102	.0029860	7.133174	.2531098	.1823323	.1466302	267.0230
#3	.0089102	.0029043	7.106971	.2534557	.1818991	.1360804	266.3047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.36215	9.774001	.1076952	-.016154	-.627126	.3696108	.2664205
Stddev	.10853	.066003	.0005907	.000547	.070979	.0071665	.0053045
%RSD	.5605162	.6752904	.5484635	3.386840	11.31818	1.938931	1.991039

#1	19.25398	9.701979	.1083210	-.016306	-.614351	.3696332	.2610926
#2	19.47103	9.788425	.1076173	-.015548	-.703626	.3624331	.2717014
#3	19.36145	9.831599	.1071474	-.016610	-.563402	.3767660	.2664676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720078	1.498037	.0511176	.0089011	.4664697	4.908124	.0112222
Stddev	.072087	.006669	.0036057	.0001134	.0022452	.058558	.0012063
%RSD	1.527247	.4451785	7.053770	1.273593	.4813082	1.193087	10.74892

#1	4.685463	1.497896	.0503221	.0087884	.4661175	4.844531	.0124776
#2	4.671827	1.504775	.0479761	.0088996	.4688702	4.959820	.0111171
#3	4.802944	1.491439	.0550547	.0090151	.4644215	4.920020	.0100720

Sample Name: J6181-03 Acquired: 12/6/2018 17:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.105376	.0380679	.0667017
Stddev	.001935	.0008398	.0002058
%RSD	.1750534	2.206158	.3085617

#1	1.103388	.0386871	.0664687
#2	1.105488	.0371119	.0668586
#3	1.107253	.0384046	.0667779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.678	2672.421	51904.51	5079.514	3815.360
Stddev	1.838	.572	125.63	11.120	3.894
%RSD	.0756901	.0213905	.2420491	.2189148	.1020675

#1	2430.198	2671.981	52047.16	5092.188	3817.691
#2	2426.635	2672.215	51856.04	5074.960	3817.525
#3	2429.202	2673.067	51810.33	5071.394	3810.864

Sample Name: J6181-04 Acquired: 12/6/2018 17:34:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1270902	.0190971	1.610970	-.047706	.0094005	112.3312	1.472079
Stddev	.0019232	.0010665	.000571	.005080	.0019809	.1102	.002332
%RSD	1.513252	5.584702	.0354565	10.64808	21.07265	.0981262	.1584068

#1	.1257669	.0180447	1.610430	-.046067	.0086819	112.2581	1.469938
#2	.1262074	.0201772	1.610912	-.043648	.0116404	112.2775	1.474564
#3	.1292963	.0190693	1.611568	-.053403	.0078791	112.4580	1.471736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142592	.0041424	34.48339	.3257607	.3575152	.1782786	350.0993
Stddev	.0000060	.0001669	.03129	.0008079	.0009709	.0020080	.8815
%RSD	.0420084	4.029338	.0907298	.2480049	.2715802	1.126317	.2517933

#1	.0142647	.0039637	34.48799	.3256910	.3576173	.1797525	351.0259
#2	.0142601	.0041694	34.45006	.3266012	.3584311	.1790918	349.2711
#3	.0142528	.0042943	34.51212	.3249899	.3564973	.1759916	350.0008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.62146	19.45560	.2585166	-.022624	-.608304	.5478762	.3282576
Stddev	.06240	.19992	.0002920	.000211	.100108	.0050357	.0209501
%RSD	.3754244	1.027570	.1129435	.9307839	16.45697	.9191285	6.382211

#1	16.69344	19.50171	.2583183	-.022859	-.551099	.5512137	.3040708
#2	16.58269	19.23666	.2583796	-.022453	-.723897	.5420839	.3399572
#3	16.58824	19.62844	.2588519	-.022559	-.549916	.5503310	.3407448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.473659	3.003995	.0681541	.0131463	1.325618	4.376987	.0091499
Stddev	.028621	.002770	.0087084	.0001849	.001521	.050262	.0009432
%RSD	.5228858	.0922009	12.77748	1.406754	.1147040	1.148326	10.30840

#1	5.501475	3.004552	.0737340	.0132490	1.326718	4.428456	.0093029
#2	5.475205	3.000989	.0726089	.0132572	1.326254	4.374480	.0081396
#3	5.444296	3.006443	.0581196	.0129329	1.323883	4.328025	.0100073

Sample Name: J6181-04 Acquired: 12/6/2018 17:34:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6979018	.0373453	.0531858
Stddev	.0066175	.0014864	.0001304
%RSD	.9481951	3.980041	.2452226

#1	.6979285	.0369595	.0531474
#2	.7045059	.0360899	.0530789
#3	.6912710	.0389865	.0533311

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.974	2661.745	52270.97	5095.489	3731.262
Stddev	11.856	4.498	163.28	17.173	6.088
%RSD	.4893264	.1689984	.3123750	.3370303	.1631682

#1	2433.646	2666.781	52420.23	5078.827	3731.996
#2	2410.212	2660.331	52096.58	5113.132	3724.840
#3	2425.065	2658.124	52296.10	5094.509	3736.950

Sample Name: J6181-05 Acquired: 12/6/2018 17:38:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436308	.0071855	.4701064	-.017281	.0020174	63.47596	1.212129
Stddev	.0001342	.0011342	.0028435	.001546	.0013199	.20198	.001482
%RSD	.3074913	15.78452	.6048602	8.945033	65.42423	.3182046	.1222348

#1	.0435408	.0061589	.4673764	-.016043	.0035066	63.26331	1.211545
#2	.0435665	.0069945	.4698917	-.016785	.0015537	63.66524	1.211028
#3	.0437850	.0084031	.4730512	-.019013	.0009920	63.49933	1.213814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087177	.0018777	14.51686	.1248044	.1410705	.0785867	128.6190
Stddev	.0000188	.0000303	.08288	.0009478	.0004492	.0018138	.5577
%RSD	.2152558	1.613972	.5708965	.7594537	.3184159	2.308081	.4336049

#1	.0087108	.0018449	14.43407	.1247325	.1411464	.0783762	127.9752
#2	.0087390	.0019046	14.51669	.1257862	.1405882	.0804966	128.9278
#3	.0087035	.0018836	14.59982	.1238946	.1414769	.0768872	128.9541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.95624	7.378163	.1006654	-.005479	-.482439	.2274141	.1729306
Stddev	.07721	.064403	.0005608	.000372	.072989	.0022631	.0004195
%RSD	.4073110	.8728890	.5570892	6.788591	15.12914	.9951612	.2425829

#1	18.97421	7.438155	.1007529	-.005908	-.540852	.2248271	.1731169
#2	18.87163	7.386227	.1011773	-.005251	-.400618	.2290275	.1732247
#3	19.02288	7.310108	.1000660	-.005278	-.505848	.2283876	.1724503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.009025	1.959190	.0257374	.0041596	5.157390	5.369175	.0024381
Stddev	.074396	.007242	.0016377	.0002419	.006316	.072402	.0002921
%RSD	2.472420	.3696211	6.363135	5.815307	.1224598	1.348467	11.97866

#1	2.975864	1.966527	.0276276	.0042762	5.157658	5.303934	.0025917
#2	3.094234	1.952048	.0247430	.0038815	5.163567	5.356521	.0026213
#3	2.956975	1.958994	.0248415	.0043211	5.150944	5.447069	.0021013

Sample Name: J6181-05 Acquired: 12/6/2018 17:38:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4635489	.0155877	.0345616
Stddev	.0030879	.0010841	.0000534
%RSD	.6661330	6.954998	.1546507

#1	.4634263	.0147971	.0345729
#2	.4666963	.0151425	.0346086
#3	.4605242	.0168236	.0345035

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.906	2859.726	55542.96	5435.583	3842.991
Stddev	7.511	1.842	162.10	6.525	.570
%RSD	.2892188	.0644241	.2918466	.1200380	.0148214

#1	2602.409	2861.632	55691.27	5442.832	3843.630
#2	2588.350	2857.955	55369.92	5430.180	3842.538
#3	2599.960	2859.592	55567.71	5433.736	3842.804

Sample Name: J6181-06 Acquired: 12/6/2018 17:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2977991	.0049268	1.777339	-.031913	.0067810	12.88147
Stddev	.0025550	.0019576	.005519	.003205	.0008045	.03499
%RSD	.8579656	39.73393	.3105276	10.04289	11.86360	.2716494

#1	.2999556	.0071560	1.774509	-.035502	.0059986	12.87784
#2	.2949772	.0034879	1.773808	-.029337	.0067386	12.91814
#3	.2984643	.0041364	1.783699	-.030900	.0076059	12.84844

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1611001	.0070209	.0104219	F 1347.971	.0462567	.1426723
Stddev	.0007051	.0000723	.0001535	16.477	.0001465	.0002365
%RSD	.4377074	1.030014	1.473285	1.222376	.3167253	.1657763

#1	.1614798	.0071010	.0103128	1355.478	.0464090	.1426989
#2	.1615341	.0069603	.0103554	1329.077	.0461167	.1424236
#3	.1602865	.0070014	.0105975	1359.359	.0462443	.1428943

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1285636	150.9872	16.52070	765.4420	.2360793	-.008153
Stddev	.0033071	.7393	.02875	3.0434	.0009266	.000315
%RSD	2.572318	.4896473	.1740027	.3975983	.3924829	3.863423

#1	.1320063	151.6627	16.52188	767.6254	.2356417	-.008111
#2	.1282734	151.1015	16.49138	766.7349	.2354527	-.007861
#3	.1254113	150.1974	16.54884	761.9656	.2371437	-.008486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7940854	.0498966	.3563035	4.969196	8.450268	.0220456
Stddev	.1741831	.0081181	.0190931	.061460	.050265	.0017536
%RSD	21.93505	16.26976	5.358657	1.236820	.5948279	7.954342

#1	.9951234	.0513180	.3537837	4.898959	8.393282	.0217869
#2	.6988136	.0411617	.3765313	4.995515	8.469221	.0239142
#3	.6883192	.0572101	.3385954	5.013114	8.488300	.0204358

Sample Name: J6181-06 Acquired: 12/6/2018 17:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189047	29.00619	3.518913	.0006053	.1204583	.0386878
Stddev	.0001654	.09748	.019639	.0015106	.0038928	.0017207
%RSD	.8746461	.3360676	.5581044	249.5745	3.231644	4.447555

#1	.0188418	28.89766	3.500983	.0014912	.1193478	.0367640
#2	.0187800	29.08631	3.539903	.0014636	.1172415	.0400796
#3	.0190922	29.03459	3.515853	-.001139	.1247857	.0392198

Elem	Sr4077
Units	ppm
Avg	.4296549
Stddev	.0013040
%RSD	.3035014

#1	.4301026
#2	.4281860
#3	.4306760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.279	2697.077	57224.71	5674.872	2877.946
Stddev	10.531	5.454	95.79	12.253	3.489
%RSD	.4155359	.2022084	.1673964	.2159089	.1212207

#1	2545.316	2691.030	57139.09	5660.920	2876.712
#2	2533.179	2698.576	57328.17	5679.818	2881.884
#3	2524.341	2701.624	57206.86	5683.879	2875.243

Sample Name: J6181-07 Acquired: 12/6/2018 17:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936265	.0182044	.3343210	-.038904	.0073806	129.8171	1.198795
Stddev	.0037817	.0013688	.0031336	.001995	.0008367	.0922	.002612
%RSD	4.039126	7.518856	.9372868	5.128974	11.33636	.0710524	.2179216

#1	.0963775	.0166723	.3341250	-.039164	.0074439	129.9235	1.201038
#2	.0951879	.0186346	.3312901	-.036791	.0081838	129.7599	1.195926
#3	.0893141	.0193064	.3375480	-.040757	.0065141	129.7678	1.199420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089510	.0026886	12.16740	.2479244	.2584230	.2104487	298.0426
Stddev	.0002329	.0001352	.01008	.0001654	.0009505	.0031235	1.2153
%RSD	2.601654	5.029846	.0828257	.0667311	.3677883	1.484230	.4077571

#1	.0091008	.0025795	12.16113	.2479912	.2573256	.2080417	298.5611
#2	.0090696	.0026464	12.17903	.2477360	.2589809	.2139784	298.9127
#3	.0086827	.0028399	12.16205	.2480459	.2589625	.2093259	296.6541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96763	16.07883	.1109997	-.019858	-.420160	.4193052	.3239295
Stddev	.04861	.08932	.0006438	.000209	.304980	.0073116	.0083950
%RSD	.3248007	.5555206	.5799563	1.051082	72.58664	1.743745	2.591627

#1	15.01228	16.15672	.1104446	-.019861	-.712398	.4261482	.3195356
#2	14.97478	16.09845	.1117054	-.020066	-.444216	.4201662	.3186433
#3	14.91584	15.98134	.1108490	-.019648	-.103864	.4116012	.3336095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911735	1.556220	.0641311	.0108345	1.033555	4.339553	.0082821
Stddev	.075846	.005094	.0060237	.0001922	.004339	.061085	.0005159
%RSD	1.544179	.3273471	9.392728	1.774345	.4198080	1.407623	6.229116

#1	4.876458	1.553068	.0626069	.0110161	1.028565	4.279703	.0087425
#2	4.998794	1.553496	.0707705	.0108542	1.035653	4.401801	.0083794
#3	4.859953	1.562097	.0590160	.0106331	1.036445	4.337155	.0077245

Sample Name: J6181-07 Acquired: 12/6/2018 17:46:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7984869	.0564042	.0665498
Stddev	.0049163	.0003894	.0003803
%RSD	.6156971	.6904309	.5713864

#1	.8026743	.0559716	.0669155
#2	.7997128	.0567267	.0665774
#3	.7930737	.0565144	.0661565

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.559	2659.325	51741.48	5059.560	3772.492
Stddev	21.688	.819	267.48	22.015	1.485
%RSD	.8985929	.0308074	.5169519	.4351139	.0393764

#1	2389.426	2658.444	51521.83	5043.341	3771.328
#2	2431.420	2659.467	52039.35	5050.719	3774.165
#3	2419.832	2660.064	51663.28	5084.621	3771.985

Sample Name: J6181-08 Acquired: 12/6/2018 17:50:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2847809	.0047304	4.725706	-.035404	.0052414	9.777541
Stddev	.0047012	.0025481	.010674	.002740	.0007788	.008967
%RSD	1.650825	53.86688	.2258720	7.740248	14.85849	.0917079

#1	.2824630	.0033648	4.725293	-.033721	.0059910	9.787858
#2	.2816887	.0031562	4.715244	-.038566	.0044364	9.773135
#3	.2901910	.0076703	4.736580	-.033924	.0052969	9.771629

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2282597	.0067986	.0087874	F 1368.132	.0686123	.2979828
Stddev	.0014831	.0000335	.0001068	9.908	.0006280	.0003222
%RSD	.6497275	.4925057	1.215289	.7241659	.9152904	.1081304

#1	.2276160	.0068179	.0088352	1360.079	.0689468	.2976913
#2	.2299558	.0068180	.0086651	1379.196	.0678879	.2983287
#3	.2272071	.0067599	.0088620	1365.121	.0690023	.2979284

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1726160	159.7873	18.24251	768.9435	.3595483	-.008522
Stddev	.0036225	.8216	.07864	2.6763	.0004202	.000293
%RSD	2.098567	.5141962	.4310747	.3480497	.1168586	3.432483

#1	.1700862	160.7330	18.15532	771.8710	.3591082	-.008566
#2	.1767657	159.2491	18.30808	766.6226	.3595915	-.008790
#3	.1709961	159.3798	18.26412	768.3368	.3599451	-.008210

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7248632	.0396058	.3611267	3.906631	7.626120	.0219999
Stddev	.1449094	.0054833	.0103173	.039537	.024043	.0024365
%RSD	19.99127	13.84465	2.856965	1.012059	.3152715	11.07484

#1	.5713190	.0421800	.3729411	3.950365	7.617117	.0247386
#2	.7440433	.0433284	.3565468	3.873418	7.607877	.0211884
#3	.8592274	.0333091	.3538923	3.896111	7.653365	.0200728

Sample Name: J6181-08 Acquired: 12/6/2018 17:50:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210373	32.10101	3.411825	.0024509	.1118744	.0377725
Stddev	.0001023	.10107	.017037	.0018449	.0024257	.0008029
%RSD	.4862007	.3148594	.4993527	75.27645	2.168212	2.125751

#1	.0210494	32.02821	3.396531	.0041697	.1136630	.0371236
#2	.0209295	32.05841	3.408756	.0005015	.1128468	.0386704
#3	.0211330	32.21641	3.430188	.0026814	.1091134	.0375234

Elem	Sr4077
Units	ppm
Avg	.4236449
Stddev	.0011460
%RSD	.2704988

#1	.4231434
#2	.4249561
#3	.4228351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.485	2613.326	55299.37	5430.968	2902.664
Stddev	8.049	5.975	101.64	13.262	3.549
%RSD	.3281891	.2286179	.1838026	.2442012	.1222821

#1	2456.978	2618.235	55194.96	5446.224	2905.135
#2	2443.193	2615.070	55305.16	5424.497	2904.260
#3	2457.285	2606.674	55397.99	5422.183	2898.597

Sample Name: J6181-09 Acquired: 12/6/2018 17:55:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818167	.0191015	.3145366	-.039843	.0065441	120.3635	1.374358
Stddev	.0023481	.0023521	.0003417	.000405	.0023682	.3716	.002808
%RSD	2.869917	12.31359	.1086383	1.016277	36.18885	.3087018	.2042771

#1	.0822126	.0214157	.3142071	-.039422	.0077302	120.2249	1.377170
#2	.0839417	.0191756	.3148893	-.040229	.0080849	120.7844	1.374348
#3	.0792959	.0167132	.3145134	-.039880	.0038172	120.0811	1.371555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094865	.0024646	8.206078	.2473388	.1730078	.1421028	279.1679
Stddev	.0001037	.0000086	.010415	.0004780	.0007401	.0018281	1.9753
%RSD	1.092956	.3494296	.1269121	.1932415	.4278099	1.286437	.7075822

#1	.0094029	.0024703	8.216860	.2476760	.1738618	.1424823	277.6854
#2	.0096025	.0024547	8.196075	.2467919	.1725515	.1437113	281.4103
#3	.0094541	.0024688	8.205298	.2475486	.1726102	.1401148	278.4079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74262	13.89833	.1227695	-.018572	-.601713	.3869594	.3054150
Stddev	.02693	.24407	.0005583	.000181	.165806	.0020073	.0068740
%RSD	.1710895	1.756098	.4547786	.9732313	27.55571	.5187454	2.250720

#1	15.77280	13.93330	.1223226	-.018566	-.452174	.3859961	.3104525
#2	15.72104	14.12302	.1225906	-.018756	-.572945	.3856154	.3082085
#3	15.73402	13.63866	.1233954	-.018395	-.780021	.3892669	.2975840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.649205	1.442733	.0747099	.0096547	.5353119	4.646690	.0118984
Stddev	.052567	.001879	.0038933	.0001960	.0046514	.034894	.0004253
%RSD	.9305175	.1302645	5.211154	2.029837	.8689212	.7509493	3.574793

#1	5.689009	1.444576	.0704313	.0098245	.5303258	4.652844	.0119100
#2	5.668990	1.442802	.0780439	.0096994	.5395342	4.678098	.0114673
#3	5.589617	1.440819	.0756546	.0094403	.5360756	4.609128	.0123178

Sample Name: J6181-09 Acquired: 12/6/2018 17:55:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADP7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.088367	.0481962	.0863556
Stddev	.008680	.0009666	.0001250
%RSD	.7975090	2.005639	.1446957

#1	1.080290	.0488829	.0864886
#2	1.097545	.0486148	.0862406
#3	1.087265	.0470908	.0863375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.044	2703.834	52482.86	5103.319	3783.987
Stddev	8.840	2.974	73.37	16.061	5.718
%RSD	.3607906	.1099740	.1397898	.3147155	.1511106

#1	2457.210	2706.478	52430.82	5119.081	3790.573
#2	2452.757	2700.615	52566.77	5103.900	3780.293
#3	2440.166	2704.409	52450.98	5086.975	3781.095

Sample Name: J6181-10 Acquired: 12/6/2018 17:59:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1201445	.0200047	.4401700	-.054139	.0066844	73.79979	1.747298
Stddev	.0008733	.0036625	.0015856	.004718	.0004700	.21426	.003453
%RSD	.7268847	18.30831	.3602219	8.714393	7.031274	.2903205	.1975992

#1	.1206777	.0242323	.4419810	-.051906	.0062319	73.86679	1.747760
#2	.1206190	.0179908	.4390314	-.050952	.0066512	73.97254	1.750497
#3	.1191366	.0177911	.4394976	-.059558	.0071702	73.56004	1.743638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145756	.0112123	31.21443	.3169374	.1662207	.2904039	362.7372
Stddev	.0000602	.0000584	.12039	.0009323	.0003739	.0032184	2.3332
%RSD	.4130684	.5213007	.3856950	.2941549	.2249438	1.108238	.6432109

#1	.0145645	.0111750	31.34999	.3159569	.1662822	.2905368	363.6637
#2	.0146406	.0112797	31.17335	.3178126	.1658199	.2935537	364.4647
#3	.0145217	.0111823	31.11996	.3170428	.1665601	.2871211	360.0831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.21380	18.00833	.1952478	-.021921	-.838135	.4158898	.3935044
Stddev	.03901	.24503	.0008107	.000303	.070343	.0059608	.0149243
%RSD	.1335311	1.360675	.4151981	1.381690	8.392741	1.433254	3.792657

#1	29.20276	18.11441	.1943567	-.021963	-.756932	.4219324	.3807454
#2	29.25714	18.18246	.1959416	-.021600	-.877114	.4157226	.4099158
#3	29.18149	17.72813	.1954451	-.022201	-.880360	.4100144	.3898518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.135035	1.301114	.0867063	.0088990	1.313823	4.107825	.0072651
Stddev	.037937	.002256	.0068188	.0002859	.003102	.019069	.0016963
%RSD	1.776858	.1733766	7.864230	3.213078	.2360961	.4642150	23.34873

#1	2.150807	1.303356	.0925688	.0086351	1.311309	4.125932	.0059493
#2	2.091757	1.301142	.0883269	.0092028	1.312870	4.109621	.0066665
#3	2.162542	1.298845	.0792232	.0088591	1.317290	4.087921	.0091796

Sample Name: J6181-10 Acquired: 12/6/2018 17:59:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5782540	.0298483	.0607853
Stddev	.0003095	.0003317	.0002591
%RSD	.0535173	1.111212	.4262097

#1	.5782806	.0301549	.0604919
#2	.5785493	.0294962	.0608815
#3	.5779321	.0298939	.0609825

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2785.082	3046.398	60023.03	5830.324	3726.795
Stddev	8.077	8.770	39.70	8.507	11.678
%RSD	.2899924	.2878918	.0661402	.1459179	.3133507

#1	2788.492	3038.508	60036.02	5828.407	3713.548
#2	2790.894	3055.841	60054.61	5822.939	3735.601
#3	2775.860	3044.845	59978.46	5839.627	3731.235

Sample Name: J6181-11 Acquired: 12/6/2018 18:03:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836372	.0147788	.2364447	-.027972	.0057749	109.3288	1.278065
Stddev	.0023508	.0014178	.0015802	.002199	.0007324	.3047	.003724
%RSD	2.810752	9.593424	.6682986	7.862339	12.68218	.2786700	.2914171

#1	.0854179	.0162429	.2355557	-.025514	.0049294	109.0311	1.274591
#2	.0809726	.0134124	.2382691	-.028648	.0061857	109.6400	1.281998
#3	.0845212	.0146810	.2355093	-.029754	.0062098	109.3153	1.277608

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097659	.0019388	20.27866	.2262808	.2600497	.1119531	244.7509
Stddev	.0000877	.0001145	.04938	.0010140	.0001832	.0030094	.6914
%RSD	.8981838	5.907795	.2435219	.4481052	.0704337	2.688092	.2825038

#1	.0098073	.0020360	20.29649	.2251158	.2600963	.1128953	244.0509
#2	.0098252	.0019680	20.31665	.2269638	.2598477	.1143787	245.4334
#3	.0096651	.0018125	20.22284	.2267629	.2602050	.1085854	244.7685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98130	16.52504	.1066863	-.016525	-.497159	.3798395	.2823819
Stddev	.05225	.02869	.0003000	.000480	.080667	.0045886	.0091278
%RSD	.4758400	.1736060	.2811500	2.903970	16.22557	1.208043	3.232419

#1	10.94582	16.51139	.1068196	-.016805	-.463019	.3808188	.2765016
#2	11.04130	16.55800	.1068965	-.016799	-.589282	.3838594	.2777468
#3	10.95678	16.50572	.1063428	-.015971	-.439175	.3748403	.2928972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.187859	1.727523	.0609729	.0102046	1.625239	3.935715	.0075131
Stddev	.043071	.001779	.0068385	.0002365	.013072	.028812	.0001581
%RSD	.6960513	.1029672	11.21559	2.317815	.8043183	.7320660	2.104552

#1	6.236251	1.728699	.0575224	.0104460	1.627422	3.967182	.0074178
#2	6.173600	1.725477	.0565471	.0101945	1.611212	3.929335	.0076956
#3	6.153727	1.728394	.0688492	.0099733	1.637082	3.910628	.0074259

Sample Name: J6181-11 Acquired: 12/6/2018 18:03:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADP9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6556195	.0481411	.0520696
Stddev	.0036417	.0014953	.0000967
%RSD	.5554597	3.105984	.1856918

#1	.6529534	.0496146	.0519904
#2	.6597688	.0466250	.0520410
#3	.6541365	.0481836	.0521773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.055	2697.888	52568.21	5103.090	3793.878
Stddev	6.789	5.934	55.43	38.531	3.753
%RSD	.2765302	.2199407	.1054394	.7550439	.0989225

#1	2449.196	2696.216	52629.54	5067.129	3795.547
#2	2453.474	2704.478	52521.71	5098.382	3796.507
#3	2462.495	2692.969	52553.38	5143.758	3789.580

Sample Name: J6181-12 Acquired: 12/6/2018 18:07:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572586	.0314835	.4969381	-.074426	.0107408	44.43914
Stddev	.0025686	.0026112	.0012506	.001181	.0019191	.38287
%RSD	1.633387	8.293774	.2516519	1.586626	17.86779	.8615617

#1	.1594738	.0294994	.4956424	-.075594	.0085878	43.99775
#2	.1544429	.0305094	.4970340	-.074452	.0113627	44.68155
#3	.1578591	.0344417	.4981380	-.073233	.0122718	44.63812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.319306	.0207522	.0177676	41.88807	.2854730	.2110347
Stddev	.015868	.0000249	.0002758	.28608	.0010576	.0005091
%RSD	.6841713	.1201274	1.552164	.6829707	.3704670	.2412151

#1	2.301077	.0207515	.0180823	41.56357	.2849296	.2114058
#2	2.330027	.0207775	.0175682	41.99677	.2847976	.2104544
#3	2.326813	.0207276	.0176523	42.10387	.2866918	.2112439

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5814289	496.9867	F 41.79714	20.25930	.3654666	-.031143
Stddev	.0027472	5.5500	.19587	.27084	.0012677	.000719
%RSD	.4724940	1.116731	.4686119	1.336850	.3468752	2.309386

#1	.5809054	490.5905	41.57226	19.95989	.3641879	-.031922
#2	.5844002	500.5300	41.88869	20.33081	.3667231	-.031002
#3	.5789811	499.8397	41.93047	20.48721	.3654887	-.030504

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.21340	.5005209	1.136615	1.646144	2.326375	.1292614
Stddev	.32115	.0076882	.015930	.048567	.005607	.0091909
%RSD	26.46706	1.536029	1.401507	2.950372	.2410113	7.110283

#1	-1.01993	.4948616	1.118312	1.590172	2.321515	.1207166
#2	-1.03615	.4974272	1.147351	1.677161	2.332509	.1389846
#3	-1.58411	.5092740	1.144181	1.671097	2.325102	.1280828

Sample Name: J6181-12 Acquired: 12/6/2018 18:07:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129234	1.674953	4.275358	.0090947	.6664982	.0352013
Stddev	.0000741	.008843	.024156	.0010355	.0084609	.0021638
%RSD	.5734545	.5279258	.5650031	11.38554	1.269462	6.147035

#1	.0128641	1.668081	4.250827	.0081359	.6571344	.0327895
#2	.0130065	1.684929	4.276126	.0089552	.6735940	.0369724
#3	.0128996	1.671849	4.299121	.0101928	.6687661	.0358421

Elem	Sr4077
Units	ppm
Avg	.1226501
Stddev	.0007153
%RSD	.5832294

#1	.1219482
#2	.1233782
#3	.1226239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.447	3194.468	63176.04	6140.805	3690.804
Stddev	26.069	7.422	372.40	3.330	3.074
%RSD	.8935445	.2323315	.5894607	.0542339	.0832902

#1	2903.160	3188.615	63221.34	6143.166	3688.279
#2	2901.645	3202.816	62783.07	6136.996	3694.227
#3	2947.536	3191.973	63523.72	6142.253	3689.907

Sample Name: J6181-13 Acquired: 12/6/2018 18:11:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1329147	.0279915	.3078336	-.079034	.0143225	28.56287	.4598811
Stddev	.0026810	.0020516	.0030522	.001906	.0007390	.13458	.0006183
%RSD	2.017078	7.329180	.9914976	2.411442	5.159850	.4711681	.1344405

#1	.1313621	.0258630	.3097739	-.077091	.0138667	28.40859	.4599217
#2	.1360104	.0299563	.3043155	-.079109	.0139256	28.65614	.4604781
#3	.1313715	.0281551	.3094114	-.080901	.0151752	28.62386	.4592436

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157792	.0078792	11.48411	.2608542	.1635255	.6134660	538.7386
Stddev	.0001308	.0001815	.09134	.0002159	.0005290	.0080098	5.6483
%RSD	.8290622	2.303111	.7953902	.0827714	.3235204	1.305665	1.048424

#1	.0156849	.0080590	11.42703	.2607544	.1633897	.6060383	532.2365
#2	.0157242	.0078824	11.58946	.2611019	.1630776	.6124071	541.5487
#3	.0159286	.0076961	11.43583	.2607062	.1641092	.6219526	542.4307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.162750	2.657813	.3573562	-.038477	-1.25260	.5600307	1.966997
Stddev	.008197	.043586	.0012293	.000800	.25848	.0125257	.028959
%RSD	.0894591	1.639919	.3439871	2.078349	20.63509	2.236607	1.472270

#1	9.153868	2.613526	.3585989	-.038706	-1.22451	.5477862	1.933693
#2	9.170023	2.659250	.3561408	-.039137	-1.52398	.5728198	1.981039
#3	9.164359	2.700662	.3573291	-.037587	-1.00933	.5594860	1.986258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8911487	2.139122	.1370820	.0069877	.2166116	4.318673	.0124361
Stddev	.0474328	.006484	.0109310	.0001853	.0066466	.040185	.0009763
%RSD	5.322664	.3031145	7.974031	2.651440	3.068438	.9304877	7.850542

#1	.9128390	2.132947	.1281569	.0071207	.2242304	4.274749	.0114335
#2	.8367487	2.138544	.1492739	.0067761	.2120006	4.327678	.0133838
#3	.9238584	2.145876	.1338152	.0070663	.2136037	4.353591	.0124910

Sample Name: J6181-13 Acquired: 12/6/2018 18:11:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9275616	-.006722	.0237342
Stddev	.0034043	.000549	.0002087
%RSD	.3670192	8.166019	.8793045

#1	.9238585	-.006589	.0236988
#2	.9305554	-.007326	.0235455
#3	.9282710	-.006252	.0239584

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.562	2742.371	53609.48	5188.318	3794.103
Stddev	13.726	1.314	245.79	31.301	4.891
%RSD	.5493583	.0479313	.4584914	.6032977	.1289077

#1	2499.101	2740.878	53602.03	5219.639	3792.395
#2	2484.574	2742.883	53367.50	5157.037	3799.619
#3	2512.011	2743.352	53858.92	5188.276	3790.295

Sample Name: J6181-14 Acquired: 12/6/2018 18:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631615	.0113110	1.397329	-.026741	.0039936	71.49137	1.449570
Stddev	.0015311	.0012477	.001168	.003644	.0004273	.02710	.001919
%RSD	2.424072	11.03091	.0836018	13.62689	10.69894	.0379033	.1323689

#1	.0648433	.0125571	1.396179	-.022595	.0035100	71.48851	1.448464
#2	.0627927	.0100617	1.398515	-.029434	.0043199	71.51978	1.448461
#3	.0618485	.0113143	1.397293	-.028194	.0041508	71.46581	1.451786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096705	.0024826	23.67273	.1438239	.4560960	.1724189	181.6129
Stddev	.0001282	.0000952	.03594	.0003464	.0005663	.0038214	.3732
%RSD	1.326061	3.834955	.1518321	.2408864	.1241666	2.216324	.2054701

#1	.0096130	.0024990	23.68611	.1441958	.4555655	.1684218	182.0199
#2	.0098174	.0023803	23.63202	.1437655	.4560301	.1760361	181.5320
#3	.0095810	.0025686	23.70006	.1435103	.4566923	.1727990	181.2868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.031703	13.72532	.4917331	-.011308	-.394627	.2841203	.2807755
Stddev	.013728	.08781	.0011163	.000222	.300467	.0045115	.0223595
%RSD	.1519925	.6397759	.2270148	1.964846	76.13962	1.587876	7.963496

#1	9.016092	13.76885	.4906581	-.011086	-.731852	.2789109	.2626302
#2	9.037130	13.78286	.4928865	-.011530	-.155372	.2867256	.3057544
#3	9.041888	13.62424	.4916546	-.011308	-.296657	.2867244	.2739417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375764	1.952084	.0448701	.0073188	1.020590	4.466467	.0056530
Stddev	.044230	.007705	.0026047	.0002936	.005167	.058170	.0010962
%RSD	1.010800	.3946987	5.804927	4.012175	.5062583	1.302382	19.39094

#1	4.426819	1.943261	.0437730	.0074604	1.017033	4.482764	.0051459
#2	4.351383	1.957486	.0429935	.0075147	1.018221	4.514750	.0049022
#3	4.349089	1.955504	.0478439	.0069812	1.026517	4.401886	.0069108

Sample Name: J6181-14 Acquired: 12/6/2018 18:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6324283	.0219108	.0438344
Stddev	.0070976	.0001737	.0000147
%RSD	1.122269	.7927826	.0335026

#1	.6332275	.0220622	.0438510
#2	.6249650	.0217212	.0438231
#3	.6390924	.0219491	.0438290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.516	2853.914	55645.86	5405.327	3820.699
Stddev	13.676	1.935	220.89	11.167	3.954
%RSD	.5261052	.0677953	.3969581	.2065956	.1034867

#1	2611.980	2852.914	55899.72	5400.610	3823.217
#2	2601.683	2856.144	55540.44	5397.292	3822.737
#3	2584.886	2852.684	55497.43	5418.078	3816.141

Sample Name: J6181-12DLX2 Acquired: 12/6/2018 18:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGADQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934453	.0199282	.2569382	-.043359	.0065490	25.93272	1.344642
Stddev	.0008788	.0024872	.0015823	.002151	.0009882	.09436	.003745
%RSD	.9404280	12.48085	.6158428	4.960021	15.08999	.3638810	.2784784

#1	.0933338	.0179136	.2551139	-.041097	.0065346	25.82574	1.341633
#2	.0926275	.0227081	.2577625	-.045378	.0075443	25.96829	1.343458
#3	.0943744	.0191629	.2579382	-.043603	.0055680	26.00413	1.348835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125542	.0078177	24.72310	.1684070	.1071108	.3408880	294.9606
Stddev	.0000623	.0000833	.14276	.0004853	.0004390	.0019803	1.3259
%RSD	.4959497	1.065690	.5774371	.2881618	.4098257	.5809274	.4495078

#1	.0125427	.0078671	24.56234	.1687355	.1074700	.3426629	293.5219
#2	.0126214	.0078644	24.83508	.1678496	.1066215	.3387520	296.1333
#3	.0124985	.0077215	24.77187	.1686359	.1072408	.3412490	295.2266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.89747	11.99145	.1860111	-.017355	-.734400	.2970024	.6466614
Stddev	.08301	.05220	.0006037	.000248	.125931	.0049354	.0159899
%RSD	.3333996	.4352758	.3245641	1.427352	17.14747	1.661727	2.472688

#1	24.80998	12.05055	.1865560	-.017637	-.784624	.3026974	.6650635
#2	24.90731	11.95164	.1853621	-.017171	-.591107	.2939726	.6387633
#3	24.97512	11.97216	.1861151	-.017259	-.827469	.2943372	.6361573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8858447	1.195908	.0736050	.0073320	.8407621	2.546210	.0040180
Stddev	.0331537	.004240	.0019744	.0002124	.0059092	.011989	.0014793
%RSD	3.742604	.3545413	2.682421	2.896894	.7028326	.4708385	36.81663

#1	.8494048	1.196303	.0731631	.0074454	.8388754	2.547462	.0027963
#2	.8939029	1.191484	.0718890	.0074638	.8360267	2.557523	.0056627
#3	.9142265	1.199936	.0757629	.0070870	.8473842	2.533645	.0035950

Sample Name: J6181-12DLX2 Acquired: 12/6/2018 18:20:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGADQ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3918103	.0179132	.0716925
Stddev	.0023735	.0016072	.0002538
%RSD	.6057650	8.972113	.3539880

#1	.3928749	.0197068	.0714724
#2	.3890909	.0166038	.0716349
#3	.3934651	.0174290	.0719701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.067	2803.708	54506.48	5259.386	3760.505
Stddev	9.742	10.574	197.89	27.701	7.470
%RSD	.3821688	.3771538	.3630546	.5266976	.1986519

#1	2559.763	2793.418	54561.64	5288.987	3754.891
#2	2540.703	2814.545	54670.94	5234.088	3768.983
#3	2546.735	2803.161	54286.86	5255.085	3757.640

Sample Name: CCV037 Acquired: 12/6/2018 18:24:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.747574	4.735715	23.90309	4.557293	4.793362	423.6986
Stddev	.014408	.008202	.02824	.005140	.004585	1.3783
%RSD	.3034908	.1732022	.1181323	.1127765	.0956467	.3253022

#1	4.743114	4.744658	23.90878	4.557329	4.790871	422.1635
#2	4.735922	4.728542	23.87244	4.552135	4.790561	424.8297
#3	4.763685	4.733944	23.92805	4.562414	4.798653	424.1028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.876323	.5020161	2.377683	405.8173	14.48069	2.402194
Stddev	.009402	.0015697	.006498	.5548	.03100	.002330
%RSD	.0951926	.3126853	.2733116	.1367031	.2140687	.0970125

#1	9.868044	.5022527	2.375099	405.1767	14.46435	2.402234
#2	9.874379	.5034541	2.372873	406.1413	14.51644	2.399843
#3	9.886544	.5003415	2.385076	406.1339	14.46128	2.404504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12084	436.0003	14.48806	429.4225	2.395498	1.168053
Stddev	.05089	2.0190	.06899	1.7323	.005331	.006471
%RSD	.3365506	.4630780	.4761758	.4034135	.2225555	.5540271

#1	15.06359	433.9613	14.45155	427.4242	2.395020	1.167715
#2	15.13803	437.9987	14.44500	430.3453	2.390422	1.161758
#3	15.16092	436.0410	14.56764	430.4982	2.401053	1.174687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.6748	2.558183	14.95074	152.6776	F 4.200463	5.126817
Stddev	1.6852	.001844	.02358	.4813	.010103	.026693
%RSD	.4015455	.0720661	.1577264	.3152652	.2405175	.5206598

#1	418.1613	2.556229	14.92776	152.3103	4.204491	5.108995
#2	421.4907	2.559891	14.94957	152.5000	4.188968	5.157506
#3	419.3722	2.558430	14.97488	153.2225	4.207931	5.113948

Sample Name: CCV037 Acquired: 12/6/2018 18:24:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695374	F 3.828133	4.974685	4.819025	5.025524	4.994410
Stddev	.009311	.006411	.022421	.005578	.018325	.007979
%RSD	.1982970	.1674790	.4507090	.1157542	.3646290	.1597622

#1	4.693077	3.829280	4.959506	4.814357	5.004378	4.985215
#2	4.687426	3.821226	5.000438	4.817516	5.035456	4.998502
#3	4.705618	3.833894	4.964111	4.825203	5.036738	4.999514

Elem	Sr4077
Units	ppm
Avg	4.865336
Stddev	.024257
%RSD	.4985779

#1	4.856420
#2	4.846798
#3	4.892790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.828	2014.167	43553.29	4257.596	3062.992
Stddev	6.368	1.143	211.19	9.210	3.401
%RSD	.3317134	.0567568	.4848907	.2163118	.1110461

#1	1920.493	2014.643	43663.31	4262.781	3060.450
#2	1913.153	2014.995	43309.81	4246.962	3066.856
#3	1925.837	2012.863	43686.75	4263.043	3061.670

Sample Name: CCB037 Acquired: 12/6/2018 18:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001312	.0011022	.0010944	-.002020	-.000129	.0017693	.0003217
Stddev	.0004166	.0007709	.0014992	.000549	.000634	.0123140	.0004201
%RSD	317.6273	69.93950	136.9923	27.17922	493.1035	695.9724	130.6087

#1	.0003969	.0019752	.0003551	-.002025	.000532	-.012174	.0008000
#2	-.000349	.0005154	.0001084	-.002566	-.000185	.006330	.0001528
#3	.000346	.0008159	.0028197	-.001468	-.000733	.011153	.0000122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.000120	.0040010	-.000515	-.000250	-.001823	-.025175
Stddev	.000021	.000067	.0079079	.000331	.000104	.002089	.009150
%RSD	4684.449	56.33037	197.6457	64.34180	41.51310	114.5765	36.34520

#1	.000008	-.000075	.0130449	-.000869	-.000280	-.004115	-.016586
#2	-.000024	-.000087	.0005702	-.000212	-.000335	-.000026	-.034798
#3	.000015	-.000197	-.001612	-.000465	-.000134	-.001329	-.024140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001272	.0163604	-.000081	.0011956	-.093147	-.002031	-.003915
Stddev	.000474	.0126776	.000394	.0003325	.183131	.006530	.003854
%RSD	37.26979	77.48971	488.4466	27.80932	196.6050	321.5334	98.43738

#1	-.001807	.0094995	.000372	.0009900	.038236	.003677	.000281
#2	-.001105	.0085918	-.000350	.0015792	-.015343	-.009152	-.007296
#3	-.000904	.0309899	-.000264	.0010176	-.302334	-.000618	-.004731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112096	-.001892	-.003524	-.000074	-.004499	-.002842	-.001147
Stddev	.041886	.000284	.000319	.000053	.002527	.000263	.000366
%RSD	37.36650	15.00514	9.042995	71.48953	56.18082	9.261066	31.86297

#1	-.067057	-.001651	-.003890	-.000060	-.001583	-.002694	-.000771
#2	-.119348	-.001820	-.003371	-.000133	-.006070	-.003146	-.001501
#3	-.149882	-.002205	-.003310	-.000030	-.005843	-.002687	-.001170

Sample Name: CCB037 Acquired: 12/6/2018 18:28:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v741) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003927	-.000570	-.000128
Stddev	.0004369	.001970	.000074
%RSD	111.2548	345.6187	57.67103

#1	.0008718	.001592	-.000081
#2	.0000163	-.002265	-.000213
#3	.0002899	-.001037	-.000090

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.909	2401.041	46266.00	4445.533	3875.886
Stddev	20.897	2.598	507.83	31.625	4.666
%RSD	.9542612	.1082024	1.097628	.7113895	.1203863

#1	2166.941	2403.659	45700.49	4430.940	3880.624
#2	2207.802	2401.002	46683.08	4481.820	3875.739
#3	2194.983	2398.463	46414.43	4423.840	3871.296