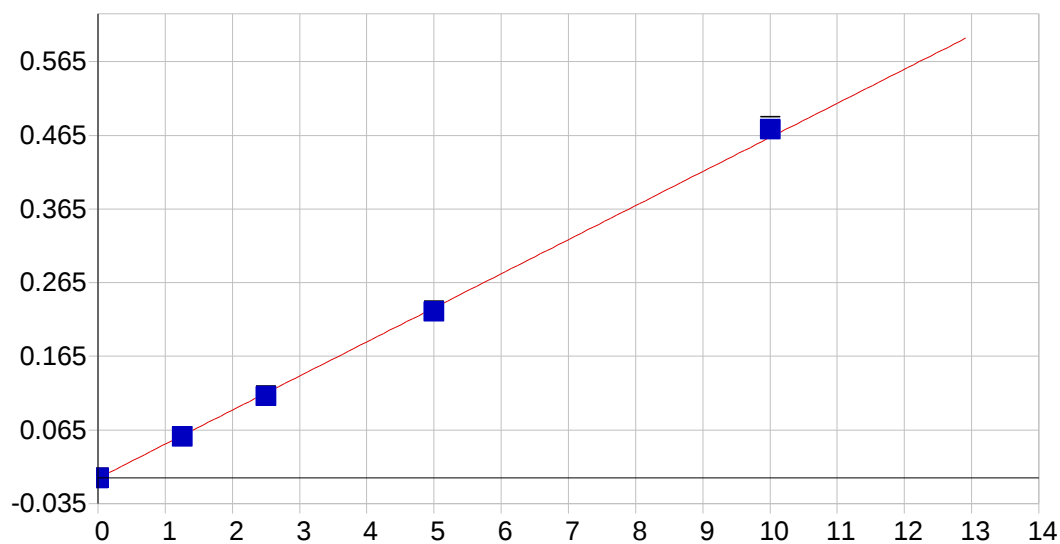




As 189.042 {479}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000522

Re-Slope: 1.000000

A1 (Gain): 0.046268

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999677

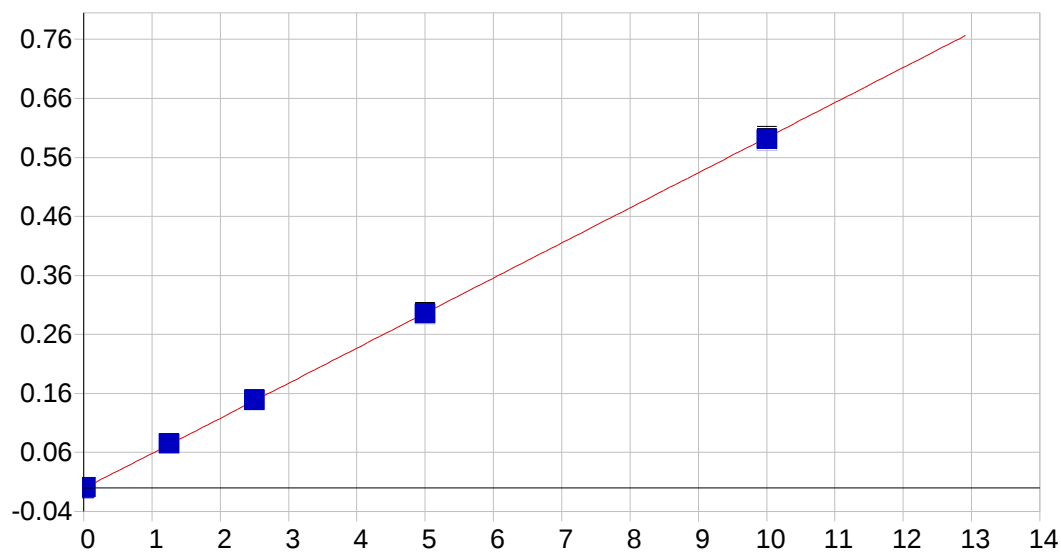
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.003843

Predicted MQL: 0.012810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.01000	.01049	.000	4.92	-.00004	.000	1
S2	1.2500	1.2133	-.037	-2.94	.05575	.000	1
S3	2.5000	2.4082	-.092	-3.67	.11118	.001	1
S4	5.0000	4.8942	-.106	-2.12	.22647	.001	1
S5	10.000	10.234	.234	2.34	.47407	.003	1



TI 190.856 {477}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000979

Re-Slope: 1.000000

A1 (Gain): 0.059448

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

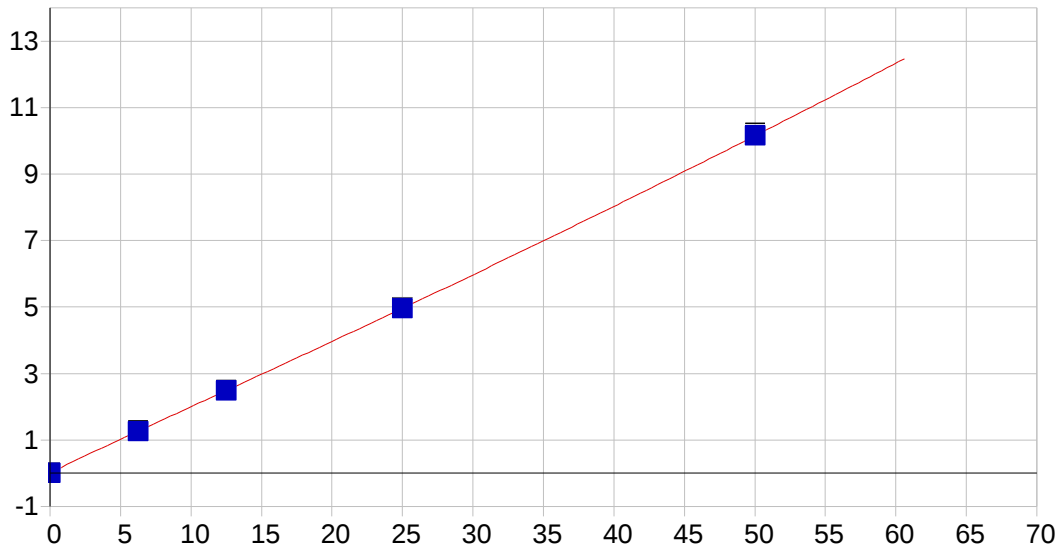
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.003055

Predicted MQL: 0.010182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00098	.000	1
S1	.02500	.02514	.000	.562	.00049	.000	1
S2	1.2500	1.2794	.029	2.35	.07463	.000	1
S3	2.5000	2.5232	.023	.926	.14812	.001	1
S4	5.0000	4.9901	-.010	-.199	.29387	.002	1
S5	10.000	9.9573	-.043	-.427	.58737	.005	1



Pb 220.353 {453}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000904

Re-Slope: 1.000000

A1 (Gain): 0.218286

Y-int: 0.000000

A2 (Curvature): 0.000695

n (Exponent): 0.950000

Correlation: 1.000000

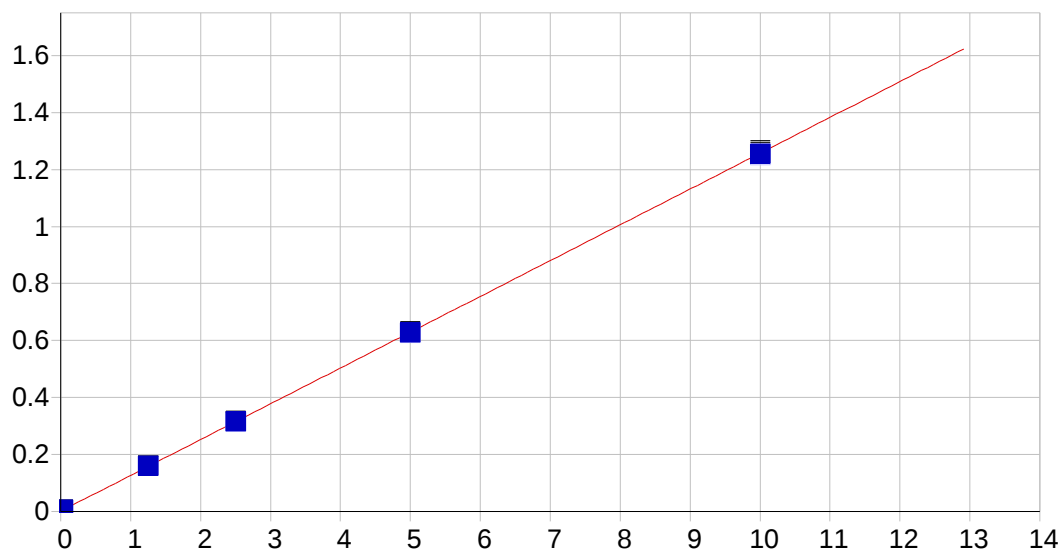
Status: Warning Positive Curvature

Std Error of Est: 0.000006

Predicted MDL: 0.002090

Predicted MQL: 0.006967

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.00962	.000	-3.82	.00176	.000	1
S2	6.2500	6.2519	.002	.030	1.2688	.003	1
S3	12.500	12.501	.001	.007	2.4923	.013	1
S4	25.000	24.997	-.003	-.014	4.9668	.024	1
S5	50.000	50.001	.001	.002	10.165	.077	1

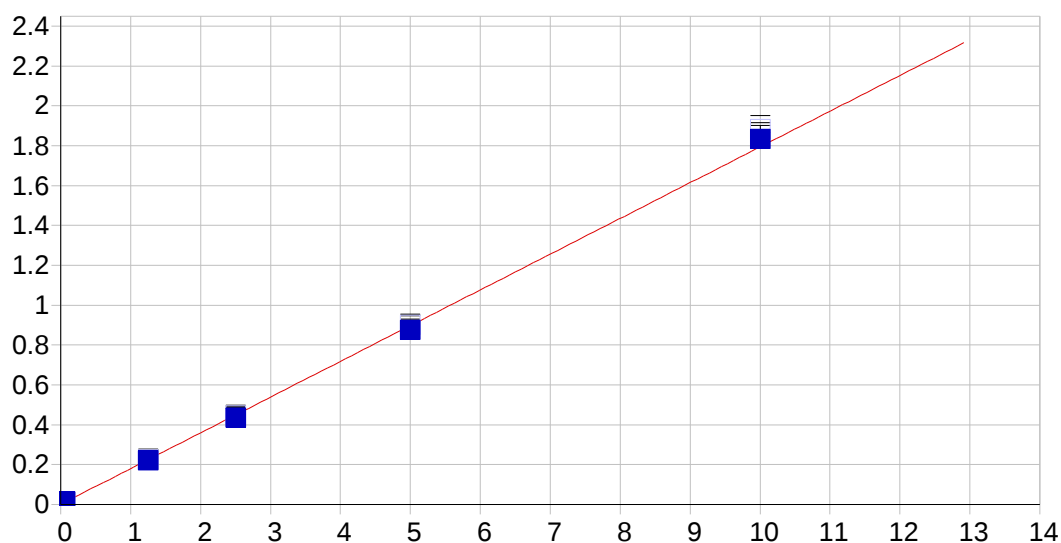


Se 196.090 {472}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001042 Re-Slope: 1.000000
 A1 (Gain): 0.125641 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002259
 Predicted MQL: 0.007531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.03500	.03721	.002	6.30	.00571	.000	1
S2	1.2500	1.2697	.020	1.57	.15983	.000	1
S3	2.5000	2.5057	.006	.229	.31439	.001	1
S4	5.0000	4.9893	-.011	-.215	.62495	.004	1
S5	10.000	9.9832	-.017	-.168	1.2494	.011	1

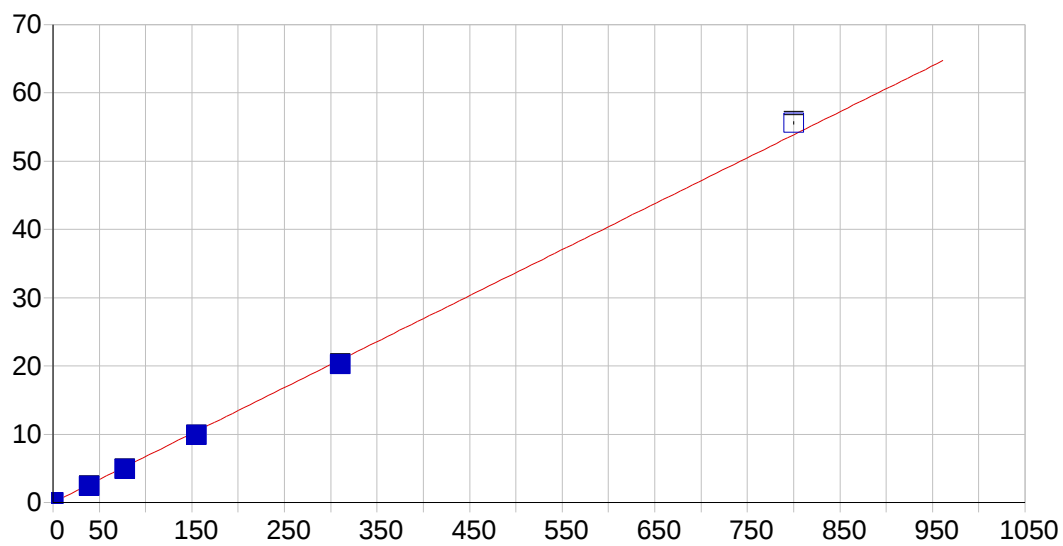


Sb 206.833 {463}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000863 Re-Slope: 1.000000
 A1 (Gain): 0.179343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000183
 Predicted MDL: 0.001778
 Predicted MQL: 0.005927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00086	.000	1
S1	.06000	.06428	.004	7.14	.01239	.000	1
S2	1.2500	1.2270	-.023	-1.84	.22702	.002	1
S3	2.5000	2.4152	-.085	-3.39	.44623	.003	1
S4	5.0000	4.8790	-.121	-2.42	.90030	.004	1
S5	10.000	10.225	.225	2.25	1.8834	.018	1

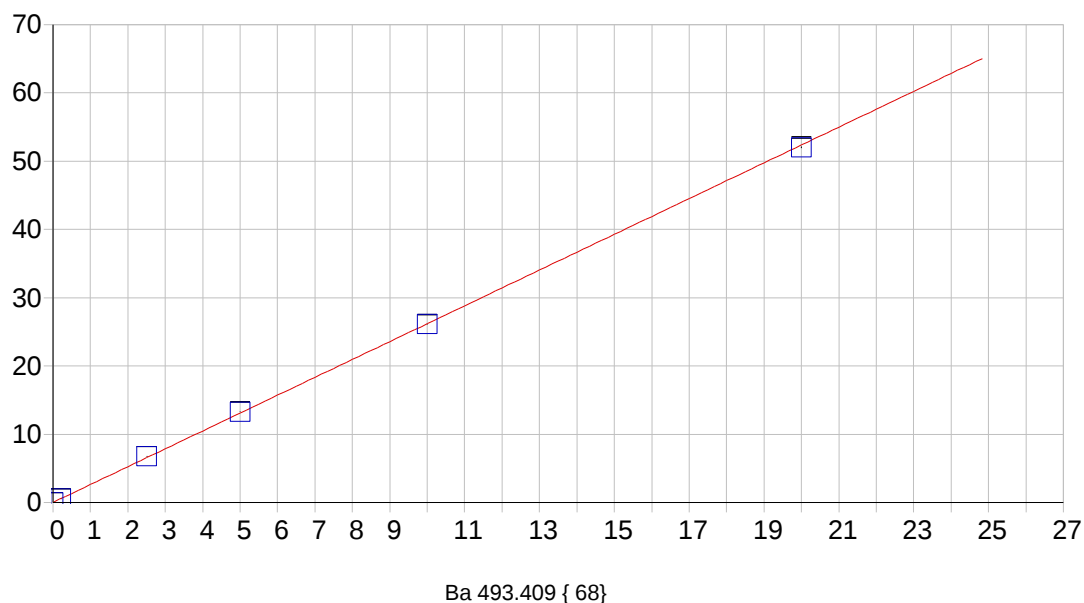


AI 396.152 { 85}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004650 Re-Slope: 1.000000
 A1 (Gain): 0.067334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999226 Status: OK.
 Std Error of Est: 0.001648
 Predicted MDL: 0.019693
 Predicted MQL: 0.065642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00465	.001	1
S1	.20000	.19980	.000	-.100	.01812	.001	1
S2	38.750	36.250	-2.50	-6.45	2.4479	.004	1
S3	77.500	72.388	-5.11	-6.60	4.8836	.015	1
S4	155.00	146.16	-8.84	-5.70	9.8558	.017	1
S5	310.00	300.47	-9.53	-3.07	20.256	.058	1
S6	800.00	826.01	26.0	3.25	55.623	.220	1



Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006489

Re-Slope: 1.000000

A1 (Gain): 2.618619

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999892

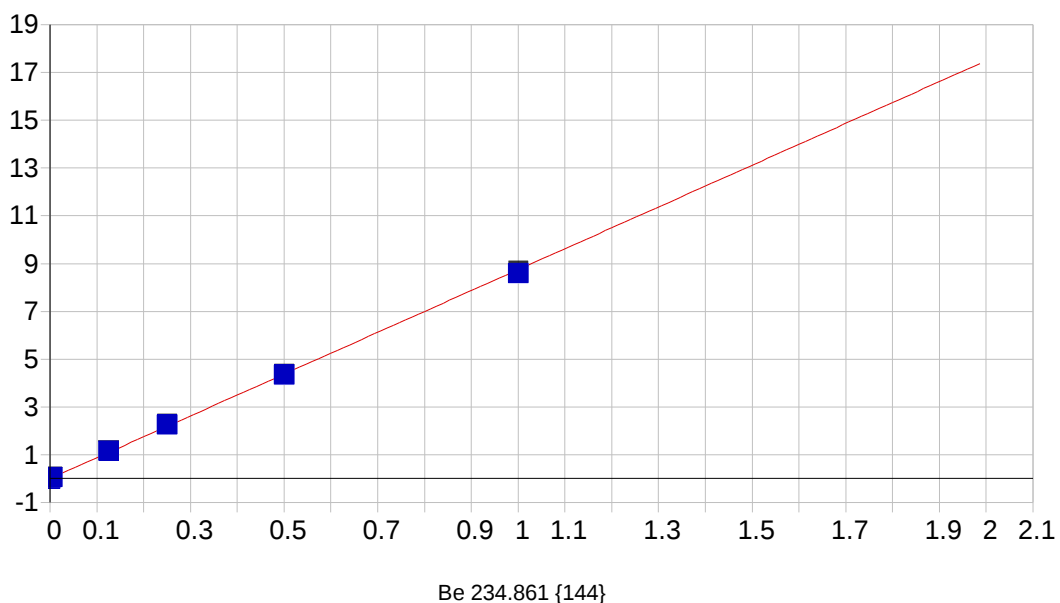
Status: OK.

Std Error of Est: 0.004094

Predicted MDL: 0.001043

Predicted MQL: 0.003477

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00640	.001	1
S1	.20000	.22639	.026	13.2	.59931	.001	1
S2	2.5000	2.5790	.079	3.16	6.7600	.013	1
S3	5.0000	5.0730	.073	1.46	13.291	.045	1
S4	10.000	9.9577	-.042	-.423	26.082	.058	1
S5	20.000	19.864	-.136	-.680	52.022	.102	1



Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001662

Re-Slope: 1.000000

A1 (Gain): 8.746895

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999630

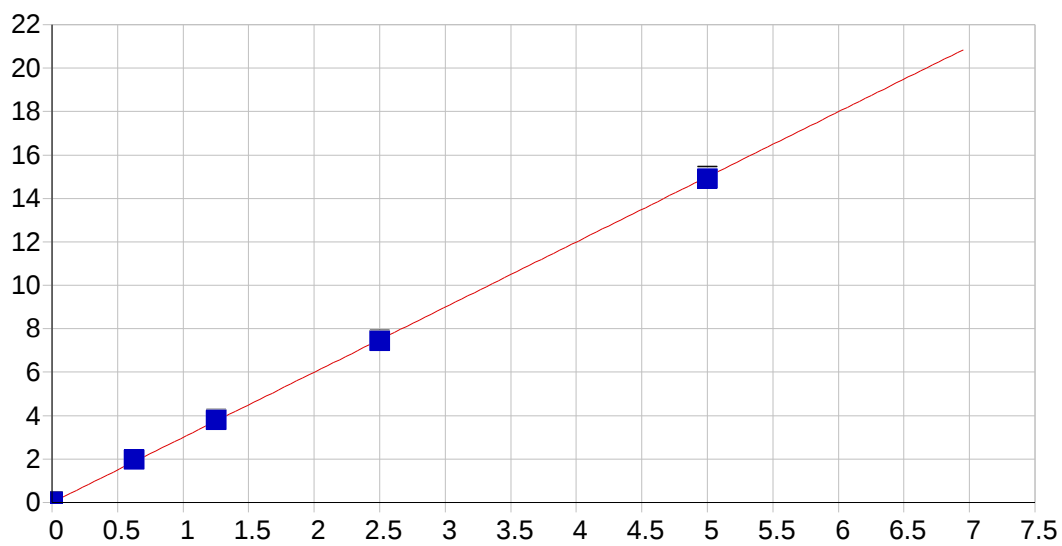
Status: OK.

Std Error of Est: 0.000889

Predicted MDL: 0.000072

Predicted MQL: 0.000239

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00167	.000	1
S1	.00500	.00598	.001	19.5	.05056	.000	1
S2	.12500	.13374	.009	6.99	1.1633	.009	1
S3	.25000	.25869	.009	3.48	2.2515	.014	1
S4	.50000	.49790	-.002	-.420	4.3343	.013	1
S5	1.0000	.98370	-.016	-1.63	8.5644	.089	1

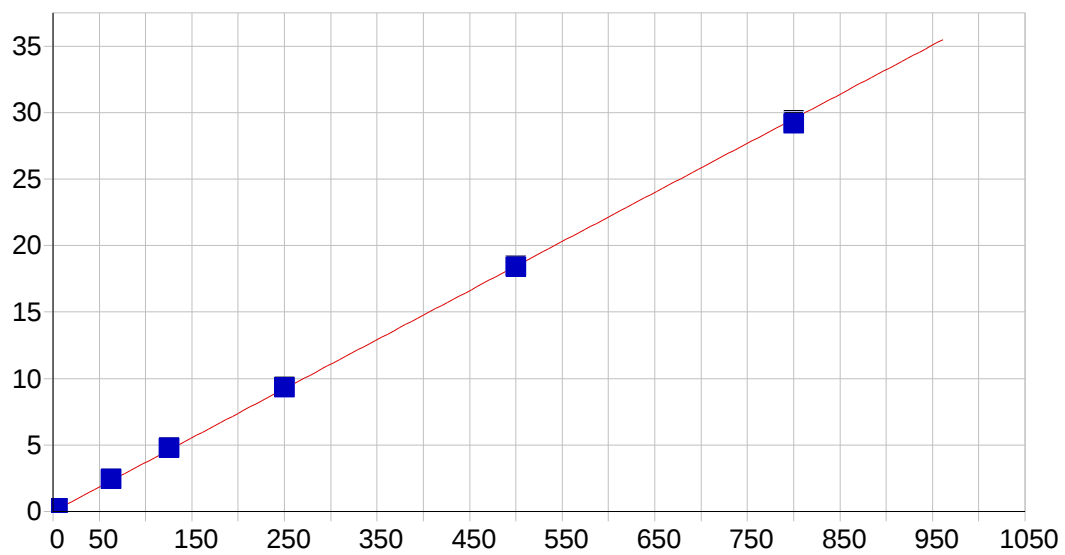


Cd 214.438 {457}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000802 Re-Slope: 1.000000
 A1 (Gain): 2.998324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000408
 Predicted MDL: 0.000106
 Predicted MQL: 0.000355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.00500	.00604	.001	20.9	.01893	.000	1
S2	.62500	.65721	.032	5.15	1.9752	.006	1
S3	1.2500	1.2673	.017	1.38	3.8082	.018	1
S4	2.5000	2.4795	-.021	-.821	7.4505	.032	1
S5	5.0000	4.9700	-.030	-.600	14.933	.106	1

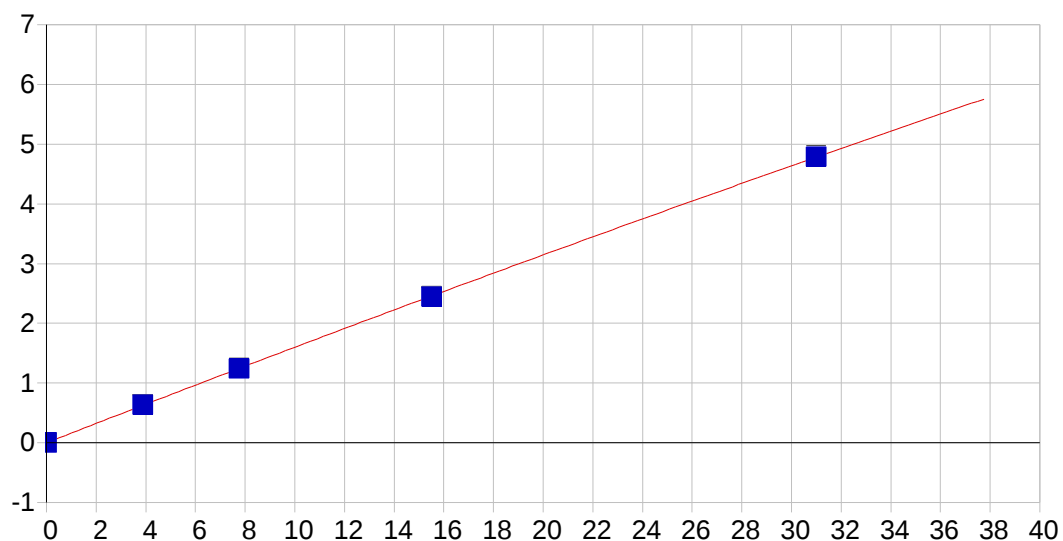


Ca 373.690 { 90}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002327 Re-Slope: 1.000000
 A1 (Gain): 0.036911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.002390
 Predicted MDL: 0.026734
 Predicted MQL: 0.089112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00108	-.001	.000	.00229	.000	1
S1	5.0000	5.6342	.634	12.7	.21031	.000	1
S2	62.500	66.364	3.86	6.18	2.4601	.003	1
S3	125.00	129.27	4.27	3.42	4.7904	.014	1
S4	250.00	252.02	2.02	.806	9.3373	.023	1
S5	500.00	498.83	-1.17	-.235	18.480	.018	1
S6	800.00	790.41	-9.59	-1.20	29.352	.056	1

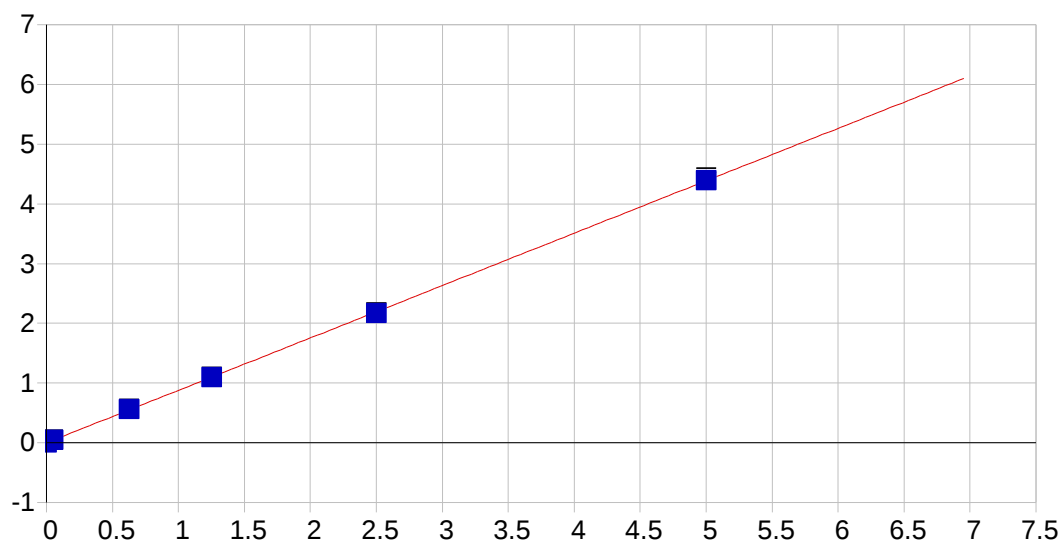


Cr 267.716 {126}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.162704 Y-int: 0.000000
 A2 (Curvature): -0.000272
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000730
 Predicted MQL: 0.002432

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01115	.001	11.5	.00182	.000	1
S2	3.8750	3.9338	.059	1.52	.63695	.001	1
S3	7.7500	7.7388	-.011	-.144	1.2451	.002	1
S4	15.500	15.408	-.092	-.595	2.4469	.003	1
S5	31.000	31.044	.044	.141	4.7980	.004	1

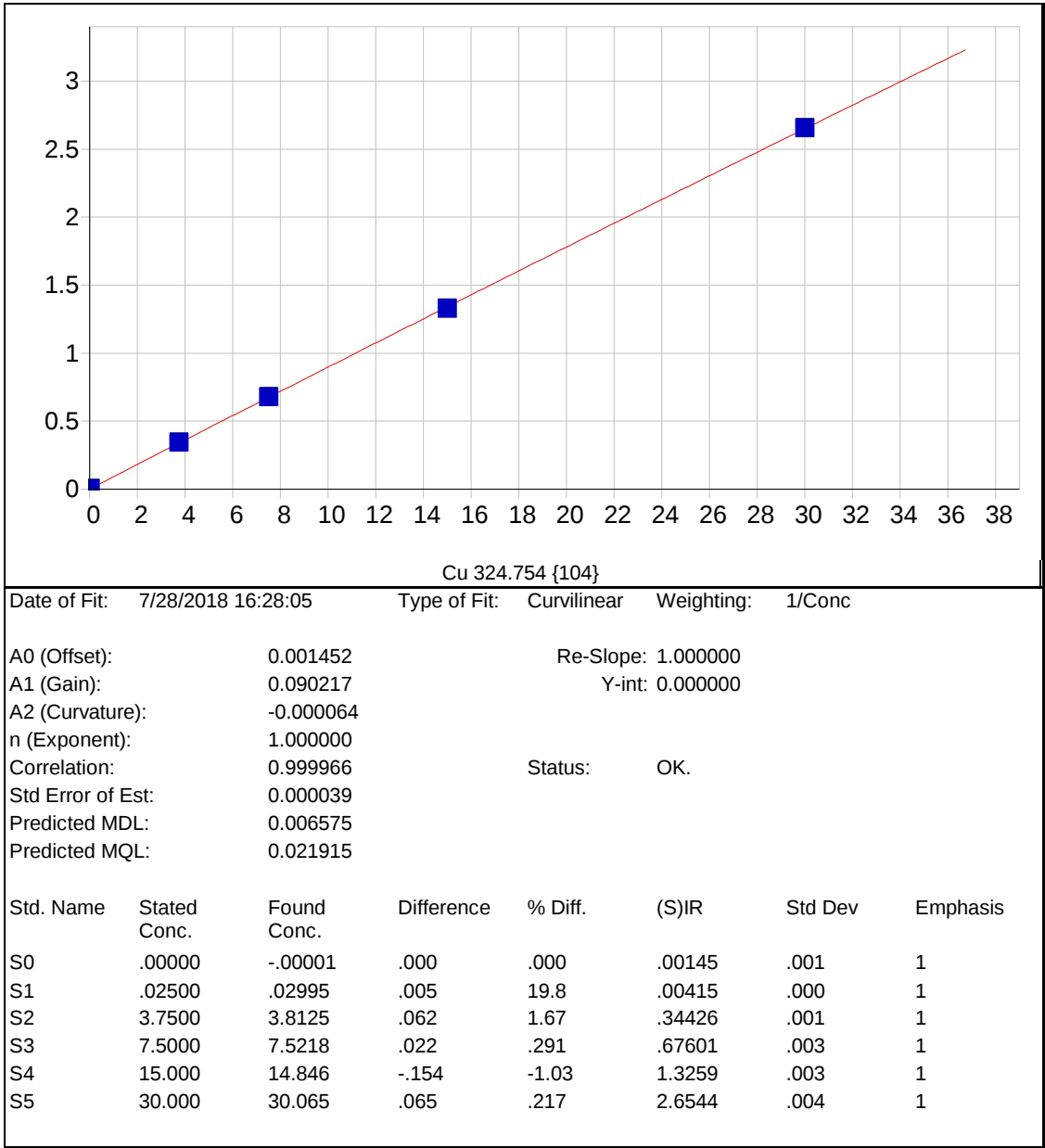


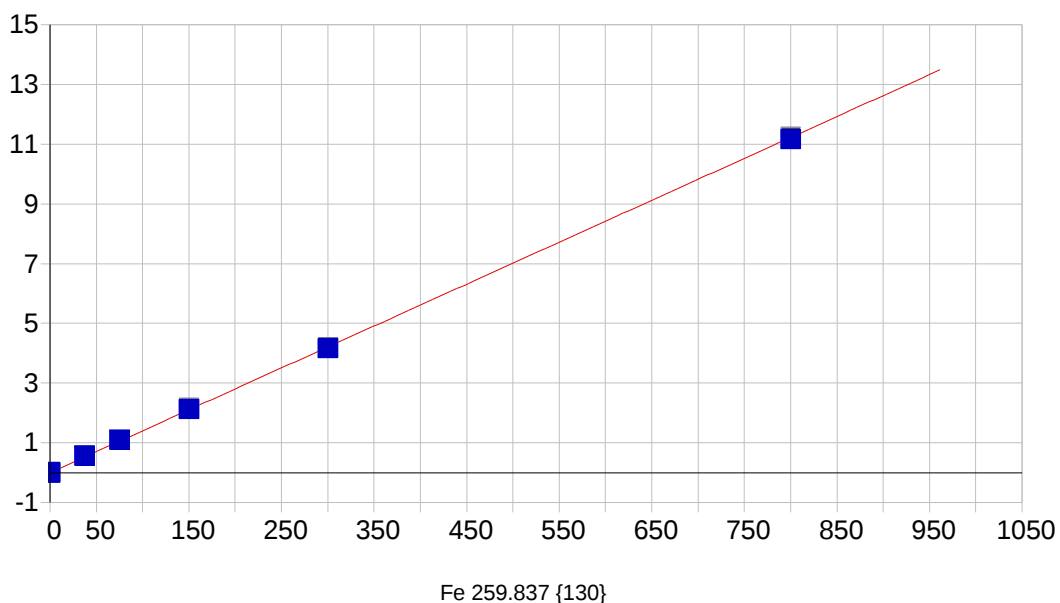
Co 228.616 {448}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.877297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000278
 Predicted MDL: 0.000355
 Predicted MQL: 0.001182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00008	.000	1
S1	.05000	.05576	.006	11.5	.04917	.000	1
S2	.62500	.63972	.015	2.36	.56240	.002	1
S3	1.2500	1.2514	.001	.109	1.1001	.006	1
S4	2.5000	2.4716	-.028	-1.14	2.1727	.009	1
S5	5.0000	5.0066	.007	.131	4.4010	.034	1

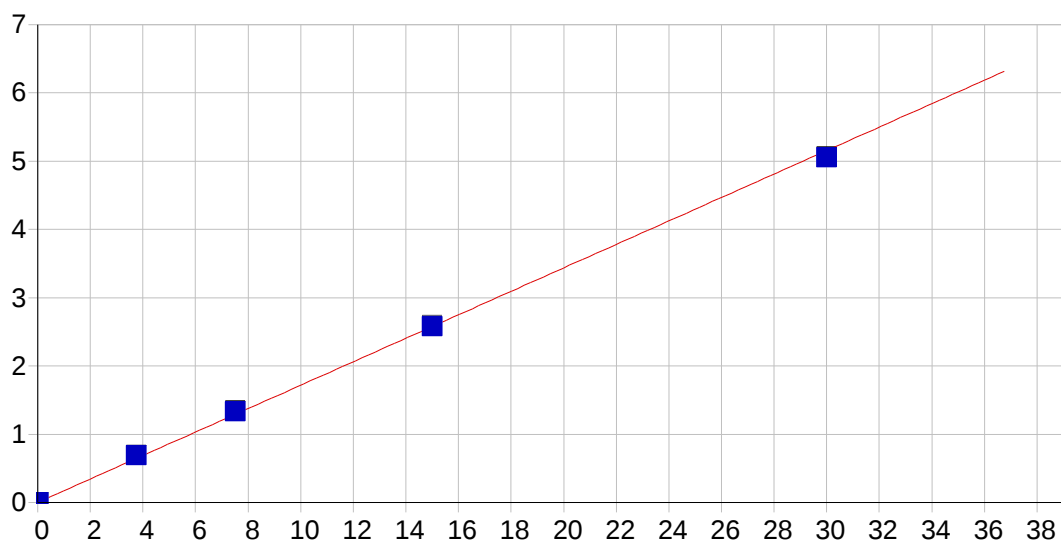




Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.014027 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.022960
 Predicted MQL: 0.076534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00001	.000	1
S1	.10000	.11485	.015	14.8	.00165	.000	1
S2	37.500	40.368	2.87	7.65	.56908	.001	1
S3	75.000	78.409	3.41	4.55	1.1055	.006	1
S4	150.00	151.76	1.76	1.17	2.1400	.012	1
S5	300.00	296.15	-3.85	-1.28	4.1767	.004	1
S6	800.00	795.80	-4.20	-.525	11.214	.027	1

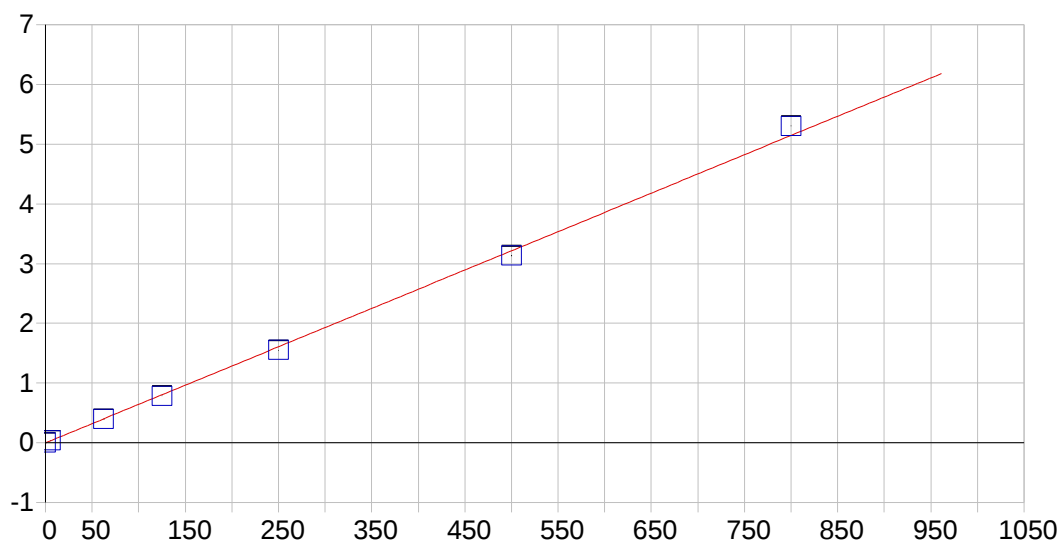


Mn 257.610 {131}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.171845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.001626
 Predicted MQL: 0.005421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.01500	.01663	.002	10.8	.00320	.000	1
S2	3.7500	4.0088	.259	6.90	.68937	.002	1
S3	7.5000	7.7783	.278	3.71	1.3373	.003	1
S4	15.000	15.033	.033	.217	2.5842	.014	1
S5	30.000	29.429	-.571	-1.90	5.0587	.006	1



Mg 279.079 {121}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000348

Re-Slope: 1.000000

A1 (Gain): 0.006430

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999560

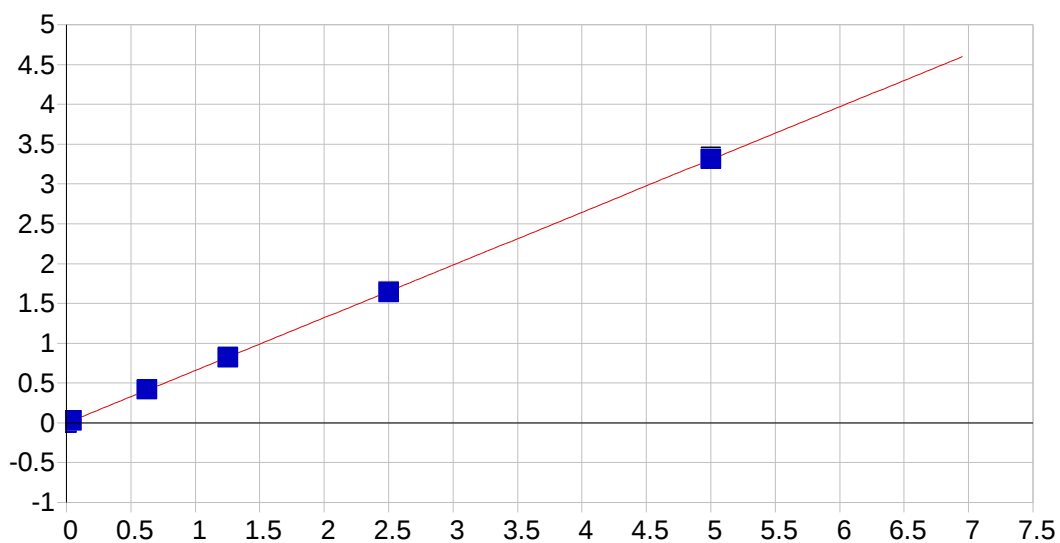
Status: OK.

Std Error of Est: 0.000666

Predicted MDL: 0.062469

Predicted MQL: 0.208231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	.000	.000	-.00035	.000	1
S1	5.0000	5.4261	.426	8.52	.03454	.001	1
S2	62.500	61.678	-.822	-1.32	.39626	.002	1
S3	125.00	122.11	-2.89	-2.31	.78484	.003	1
S4	250.00	240.96	-9.04	-3.61	1.5491	.006	1
S5	500.00	487.40	-12.6	-2.52	3.1337	.007	1
S6	800.00	824.93	24.9	3.12	5.3041	.008	1



Ni 231.604 {446}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003084

Re-Slope: 1.000000

A1 (Gain): 0.661818

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999934

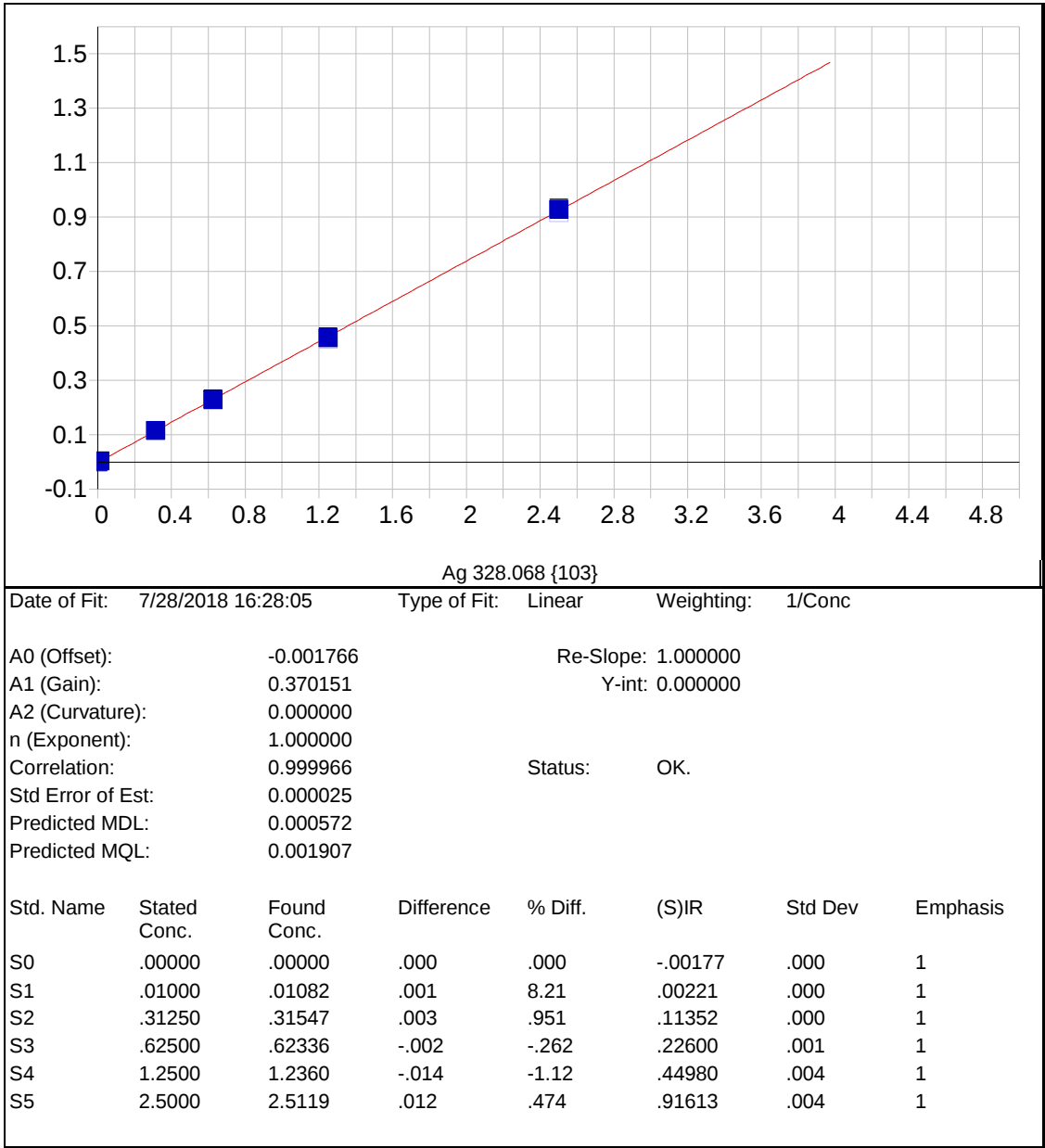
Status: OK.

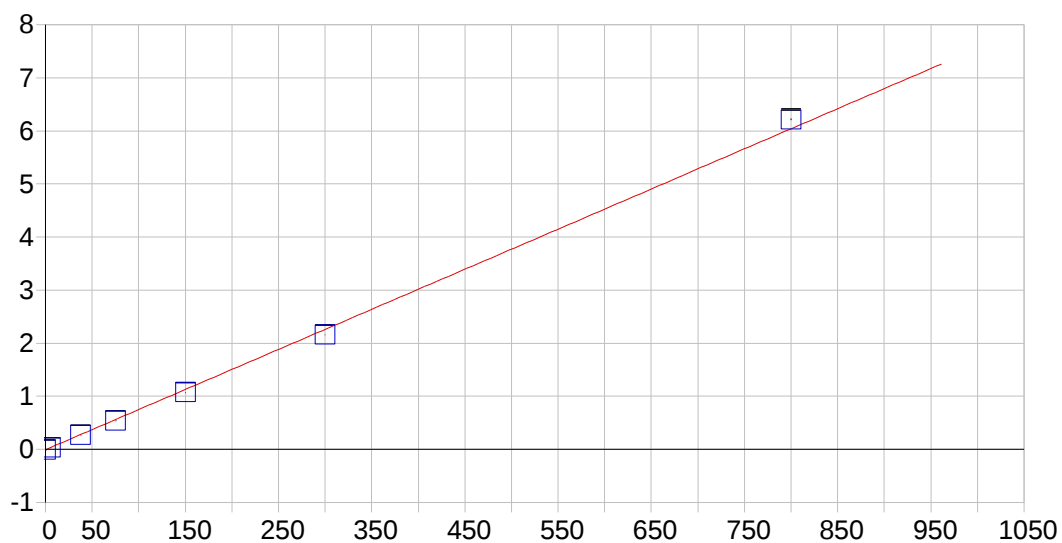
Std Error of Est: 0.000181

Predicted MDL: 0.000544

Predicted MQL: 0.001812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00309	.000	1
S1	.04000	.04556	.006	13.9	.02708	.000	1
S2	.62500	.63885	.014	2.22	.42057	.002	1
S3	1.2500	1.2446	-.005	-.432	.82231	.004	1
S4	2.5000	2.4814	-.019	-.745	1.6425	.008	1
S5	5.0000	5.0046	.005	.093	3.3159	.026	1





Na 818.326 { 41}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004990

Re-Slope: 1.000000

A1 (Gain): 0.007554

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999354

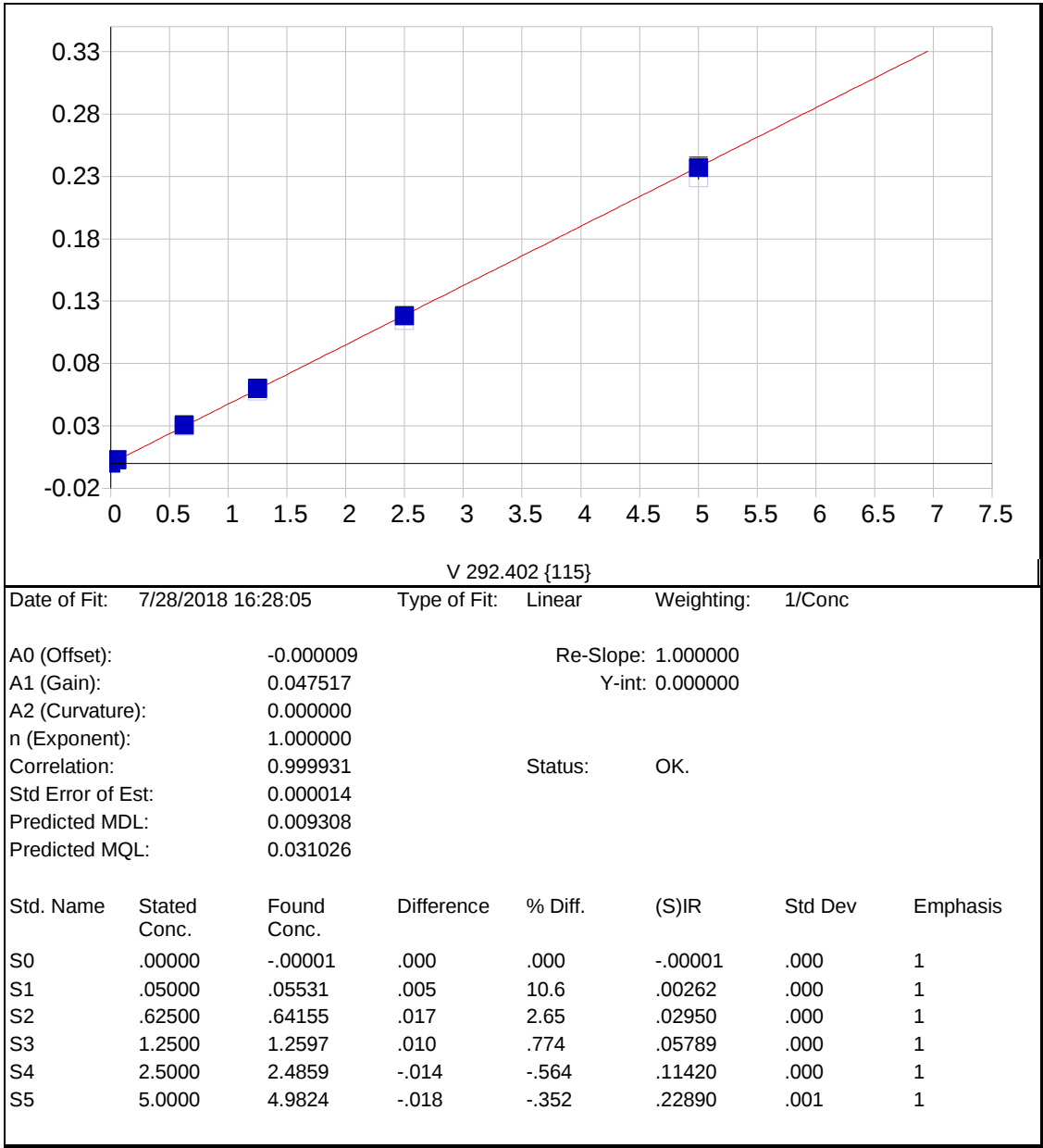
Status: OK.

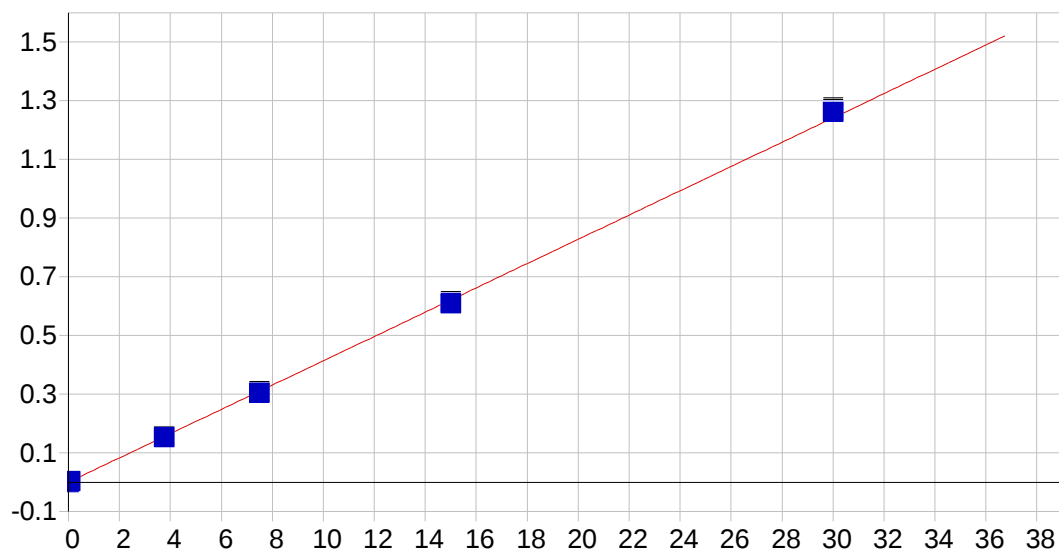
Std Error of Est: 0.000840

Predicted MDL: 0.367598

Predicted MQL: 1.225326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00034	.000	.000	-.00499	.002	1
S1	5.0000	5.2302	.230	4.60	.03452	.002	1
S2	37.500	36.954	-.546	-1.46	.27418	.002	1
S3	75.000	72.445	-2.55	-3.41	.54229	.000	1
S4	150.00	142.56	-7.44	-4.96	1.0720	.003	1
S5	300.00	286.65	-13.4	-4.45	2.1605	.006	1
S6	800.00	823.66	23.7	2.96	6.2173	.017	1



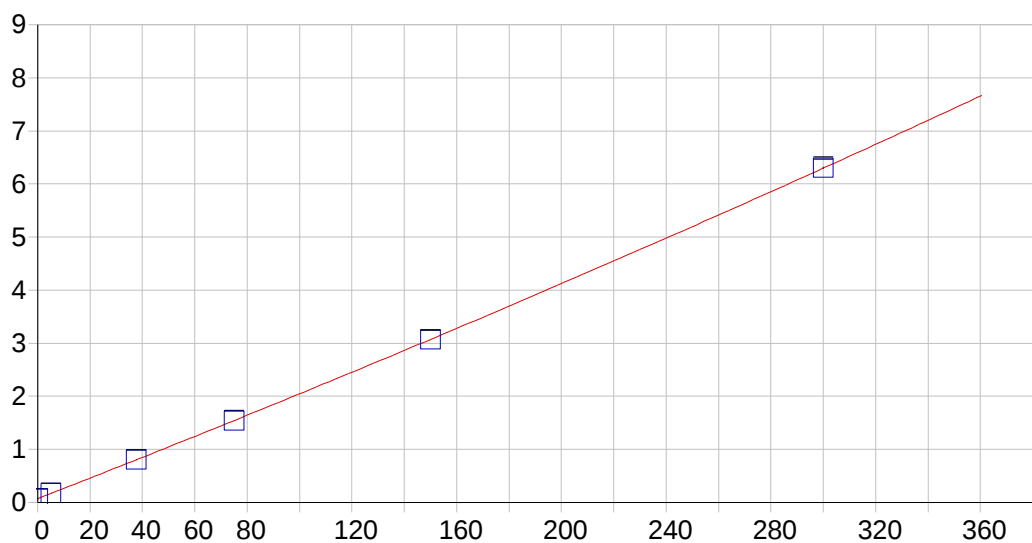


Zn 213.856 {158}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000300 Re-Slope: 1.000000
 A1 (Gain): 0.041405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.013764
 Predicted MQL: 0.045881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00030	.000	1
S1	.06000	.07053	.011	17.5	.00263	.001	1
S2	3.7500	3.6977	-.052	-1.39	.15353	.002	1
S3	7.5000	7.3400	-.160	-2.13	.30507	.004	1
S4	15.000	14.723	-.277	-1.85	.61220	.005	1
S5	30.000	30.479	.479	1.60	1.2675	.009	1

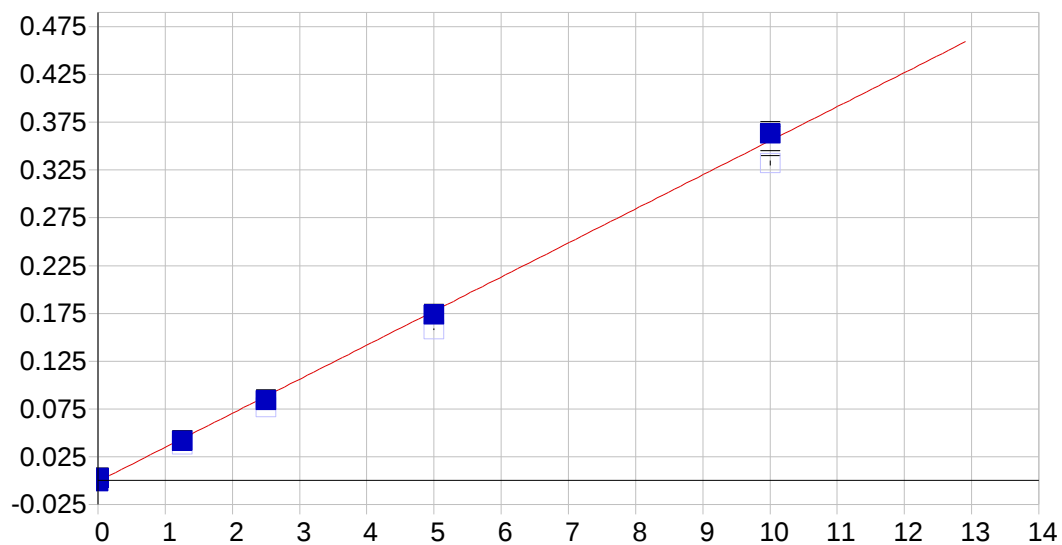


K 769.896 { 44}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.074051 Re-Slope: 1.000000
 A1 (Gain): 0.019213 Y-int: 0.000000
 A2 (Curvature): 0.000005
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: Warning Positive Curvature
 Std Error of Est: 0.000239
 Predicted MDL: 0.114921
 Predicted MQL: 0.383069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	.000	.000	.07405	.001	1
S1	5.0000	5.2663	.266	5.33	.17537	.003	1
S2	37.500	37.508	.008	.021	.80188	.001	1
S3	75.000	74.877	-.123	-.164	1.5413	.004	1
S4	150.00	149.68	-.322	-.215	3.0643	.002	1
S5	300.00	300.17	.173	.058	6.3019	.019	1

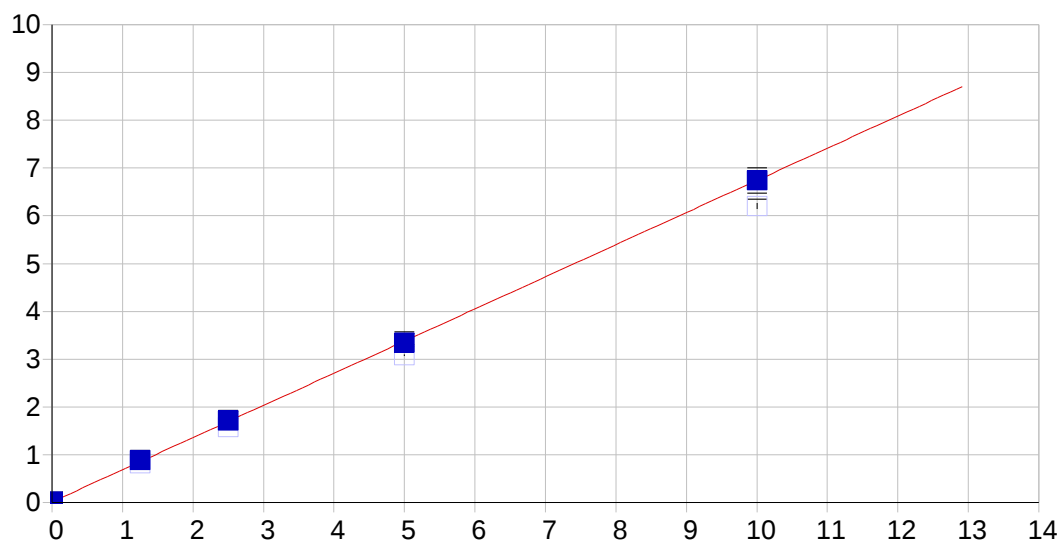


P 177.495 {490}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000826 Re-Slope: 1.000000
 A1 (Gain): 0.035648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.979996 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.003465
 Predicted MQL: 0.011549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00083	.000	1
S1	.01000	.08941	.079	794.	.00234	.000	1
S2	1.2500	1.1863	-.064	-5.10	.03762	.000	1
S3	2.5000	2.3877	-.112	-4.49	.07660	.001	1
S4	5.0000	4.8917	-.108	-2.17	.15818	.001	1
S5	10.000	10.203	.203	2.03	.33215	.003	1



Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.013112

Re-Slope: 1.000000

A1 (Gain): 0.672854

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999863

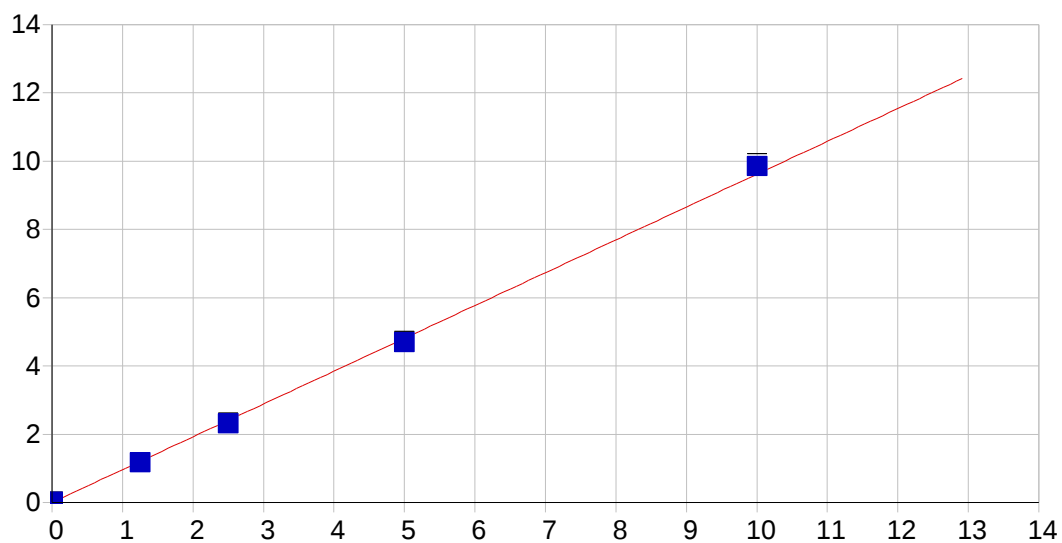
Status: OK.

Std Error of Est: 0.000172

Predicted MDL: 0.001106

Predicted MQL: 0.003688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01312	.000	1
S1	.01000	.00495	-.005	-50.5	.01631	.001	1
S2	1.2500	1.2878	.038	3.03	.81302	.006	1
S3	2.5000	2.5235	.023	.939	1.5778	.012	1
S4	5.0000	4.9542	-.046	-.916	3.0801	.020	1
S5	10.000	9.9899	-.010	-.101	6.2019	.064	1



Mo 202.030 {467}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001199

Re-Slope: 1.000000

A1 (Gain): 0.961778

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999658

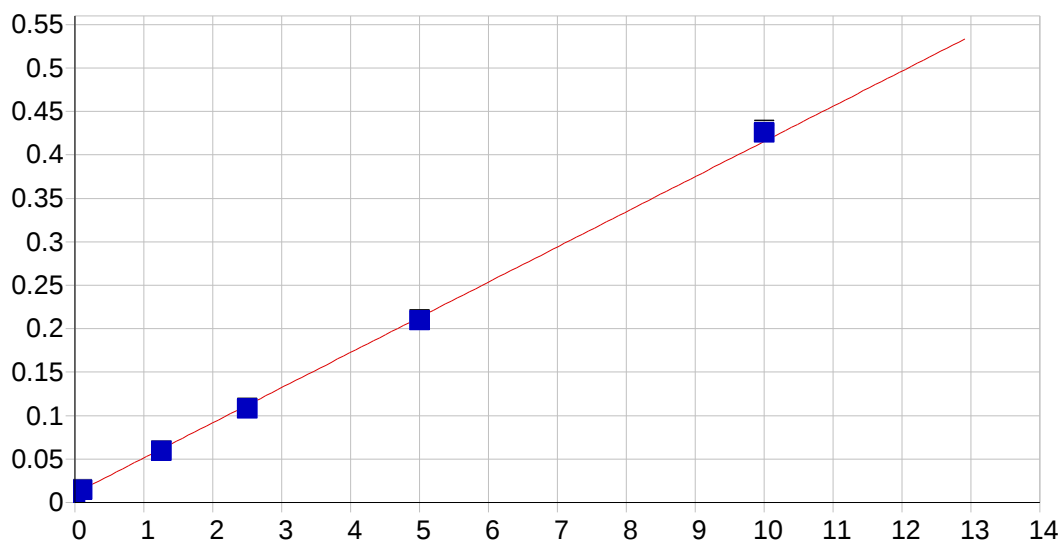
Status: OK.

Std Error of Est: 0.000422

Predicted MDL: 0.000336

Predicted MQL: 0.001119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00120	.000	1
S1	.01000	.01047	.000	4.70	.01126	.000	1
S2	1.2500	1.2158	-.034	-2.73	1.1705	.006	1
S3	2.5000	2.4115	-.088	-3.54	2.3204	.016	1
S4	5.0000	4.8798	-.120	-2.40	4.6943	.026	1
S5	10.000	10.242	.242	2.42	9.8517	.082	1



S 182.034 {485}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.010761

Re-Slope: 1.000000

A1 (Gain): 0.040478

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999608

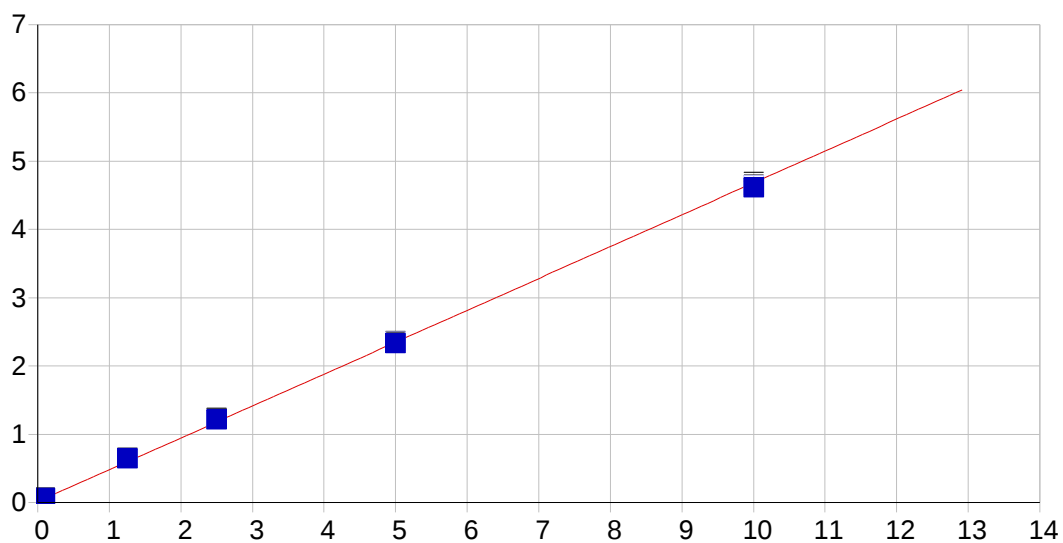
Status: OK.

Std Error of Est: 0.000060

Predicted MDL: 0.004294

Predicted MQL: 0.014313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01076	.000	1
S1	.10000	.09978	.000	-.215	.01480	.000	1
S2	1.2500	1.1978	-.052	-4.18	.05926	.000	1
S3	2.5000	2.3949	-.105	-4.21	.10774	.001	1
S4	5.0000	4.9049	-.095	-1.90	.20937	.001	1
S5	10.000	10.253	.253	2.53	.42591	.003	1



Si 251.611 {134}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.011985

Re-Slope: 1.000000

A1 (Gain): 0.467064

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999646

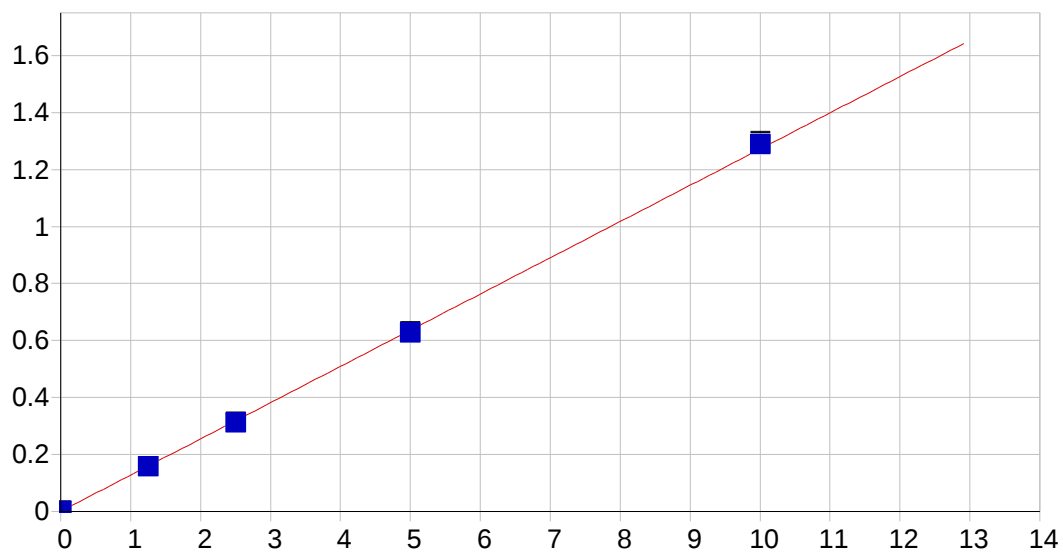
Status: OK.

Std Error of Est: 0.000666

Predicted MDL: 0.001417

Predicted MQL: 0.004723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01198	.000	1
S1	.10000	.10498	.005	4.98	.06118	.000	1
S2	1.2500	1.3531	.103	8.25	.64876	.004	1
S3	2.5000	2.5755	.076	3.02	1.2245	.011	1
S4	5.0000	4.9706	-.029	-.587	2.3527	.011	1
S5	10.000	9.8458	-.154	-1.54	4.6489	.044	1

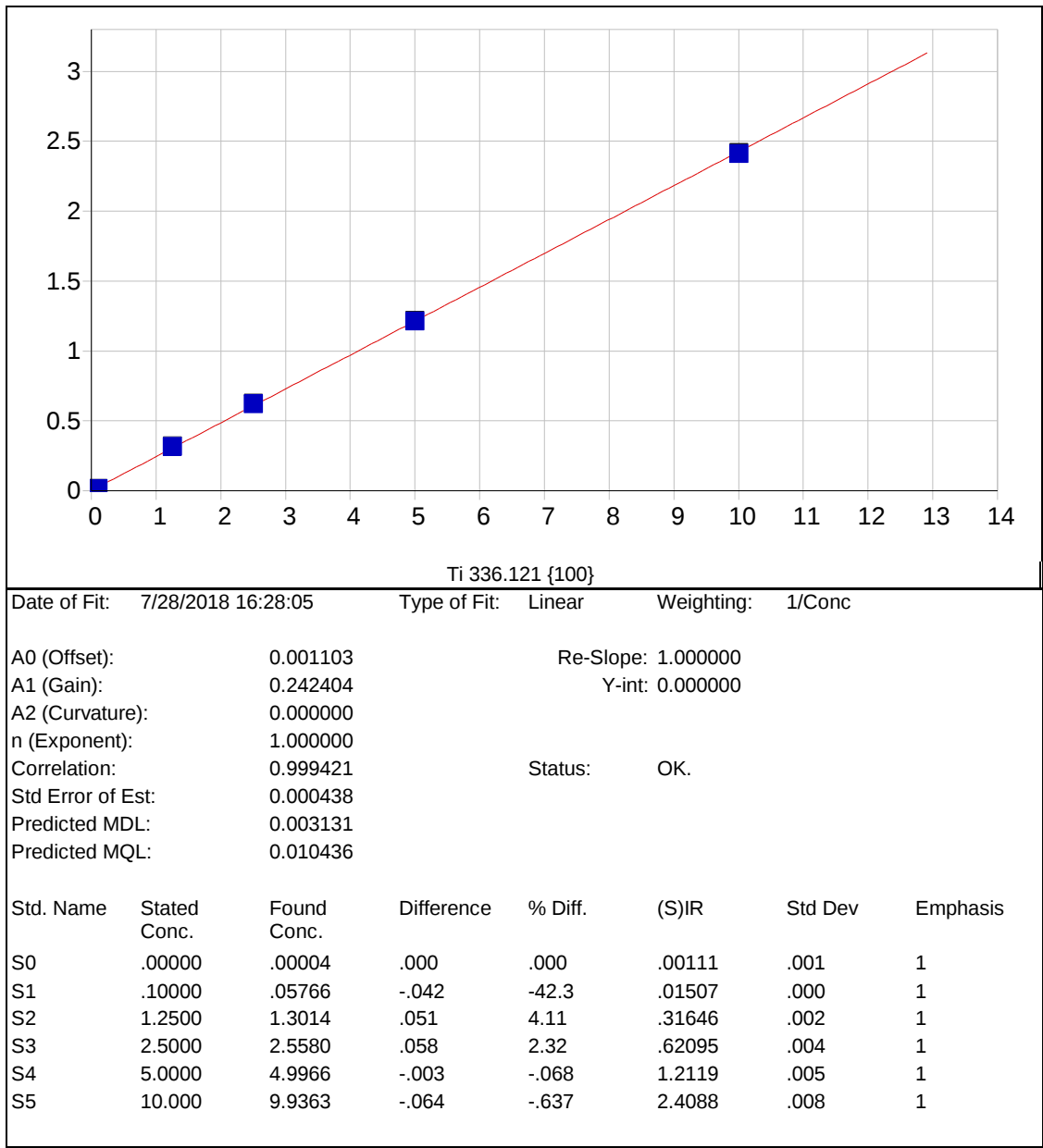


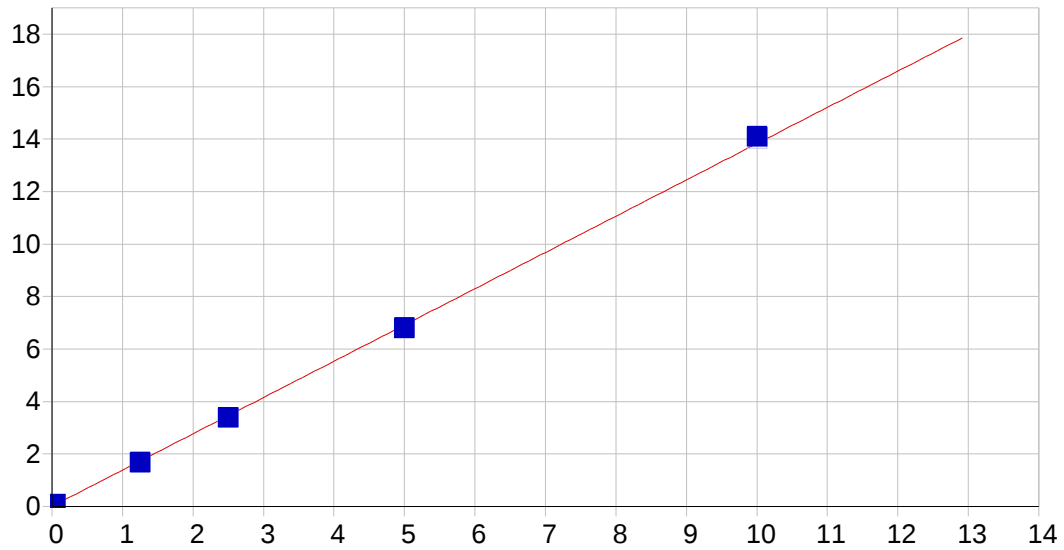
Sn 189.989 {478}

Date of Fit: 7/28/2018 16:28:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000552 Re-Slope: 1.000000
 A1 (Gain): 0.127136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.001338
 Predicted MQL: 0.004459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.00700	.00541	-.002	-22.8	.00120	.000	1
S2	1.2500	1.2371	-.013	-1.03	.15748	.001	1
S3	2.5000	2.4487	-.051	-2.05	.31117	.002	1
S4	5.0000	4.9291	-.071	-1.42	.62582	.003	1
S5	10.000	10.137	.137	1.37	1.2865	.010	1





Li 670.784 { 50}

Date of Fit: 7/28/2018 16:28:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006858

Re-Slope: 1.000000

A1 (Gain): 1.381858

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999797

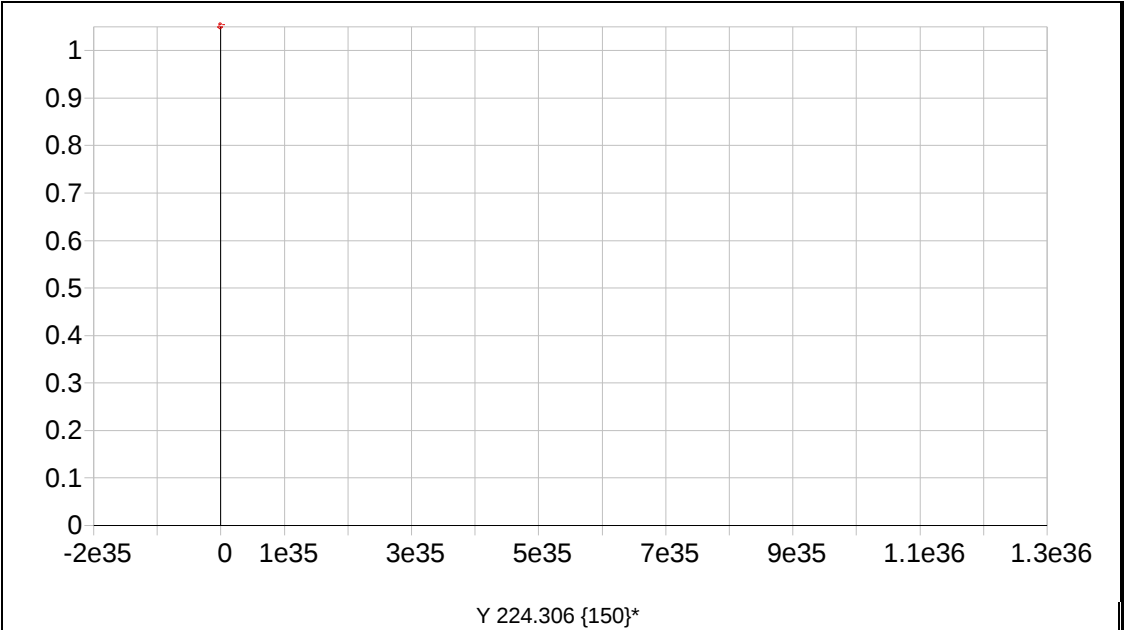
Status: OK.

Std Error of Est: 0.001039

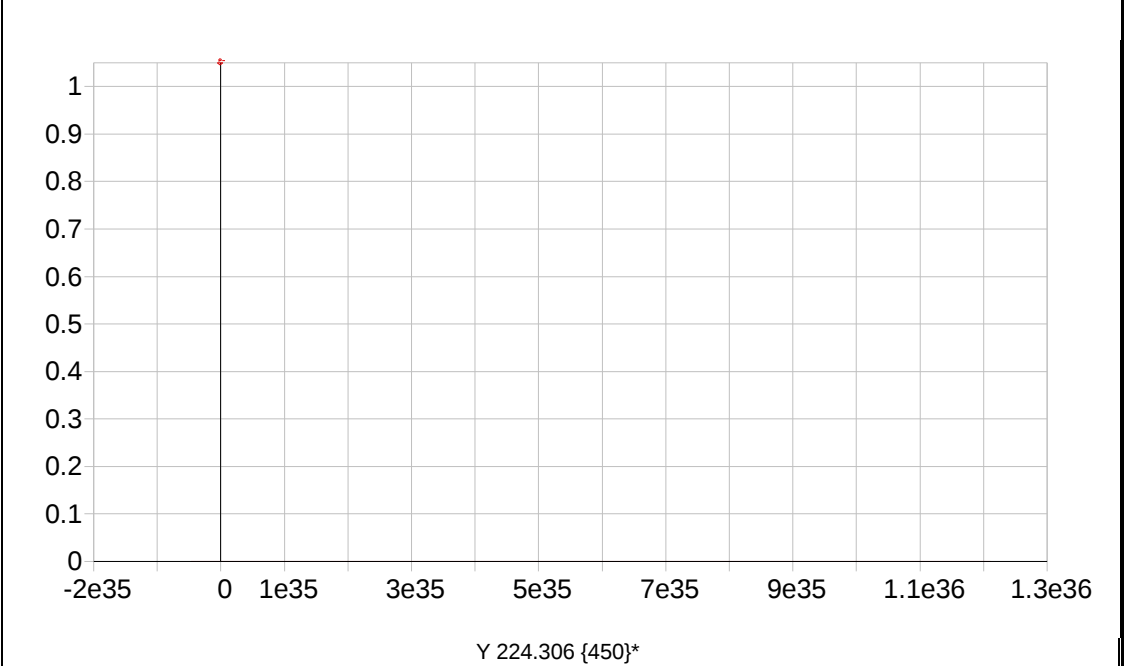
Predicted MDL: 0.002108

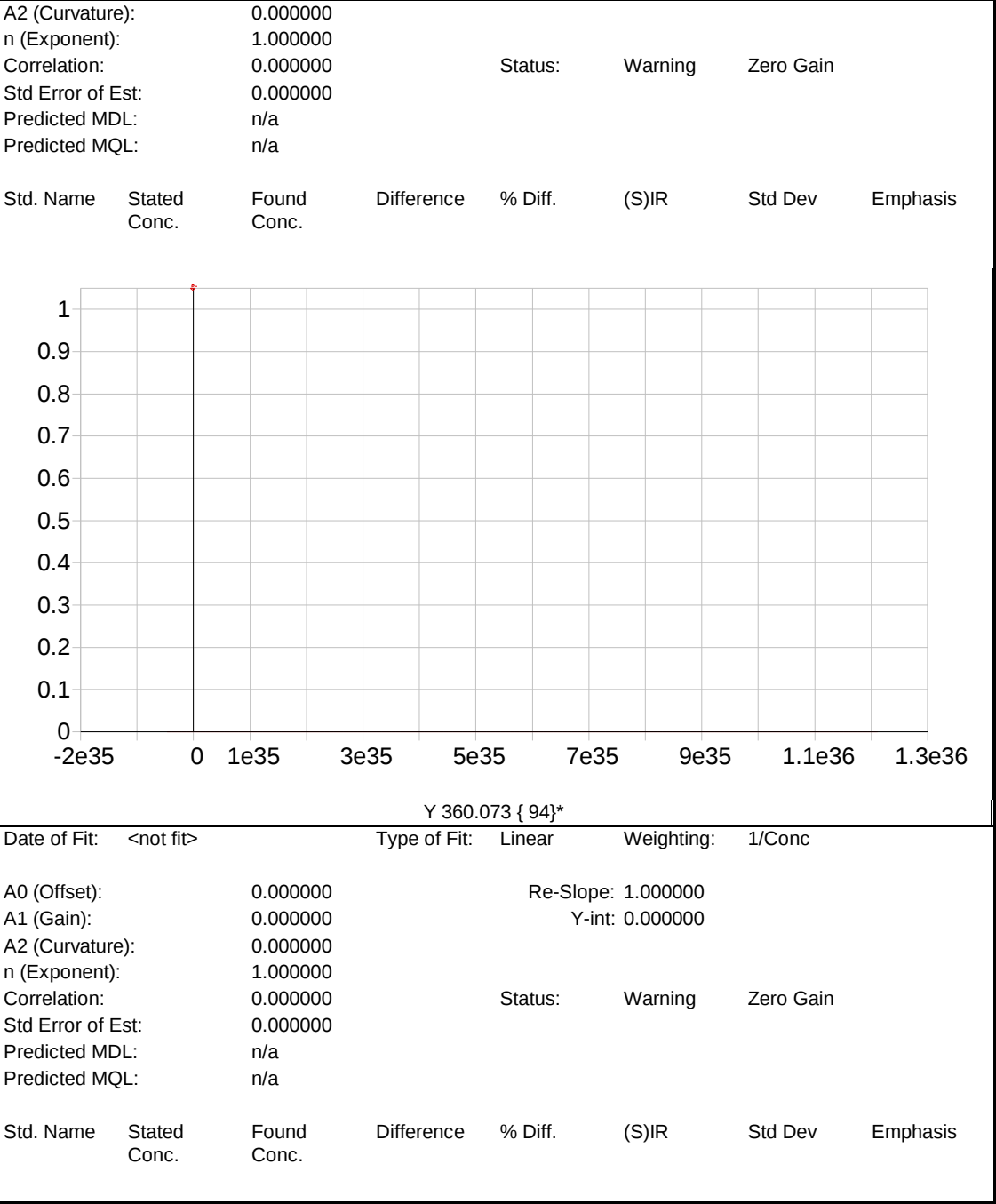
Predicted MQL: 0.007028

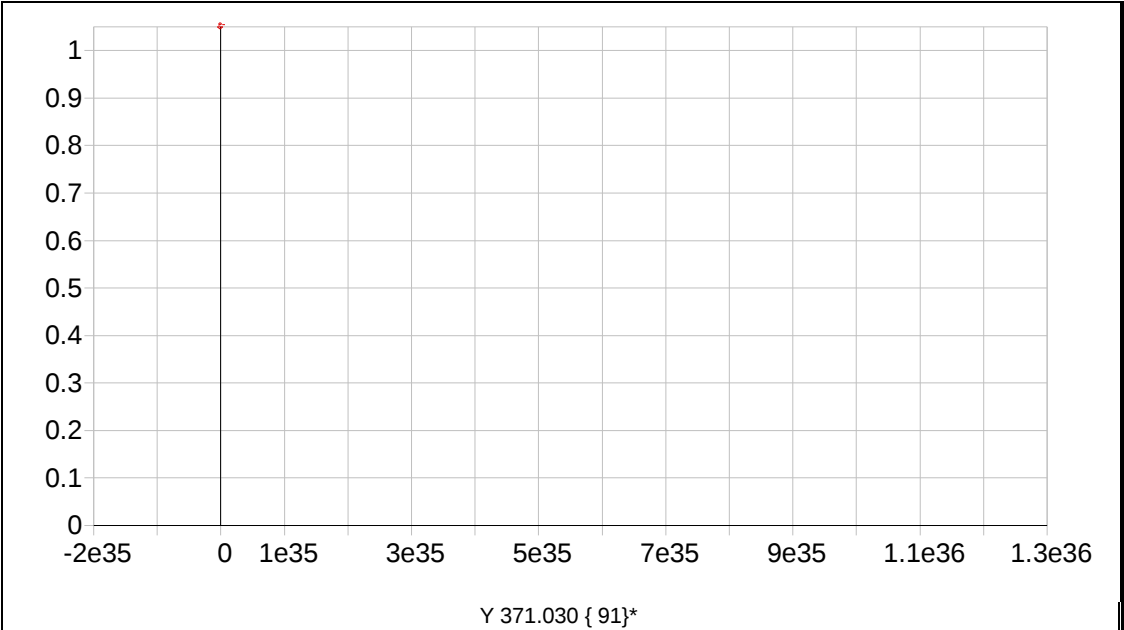
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00686	.003	1
S5	10.000	10.185	.185	1.85	14.003	.036	1
S4	5.0000	4.9168	-.083	-1.66	6.7624	.013	1
S3	2.5000	2.4391	-.061	-2.44	3.3579	.007	1
S2	1.2500	1.2109	-.039	-3.13	1.6704	.006	1
S1	.05000	.04855	-.001	-2.89	.07381	.003	1



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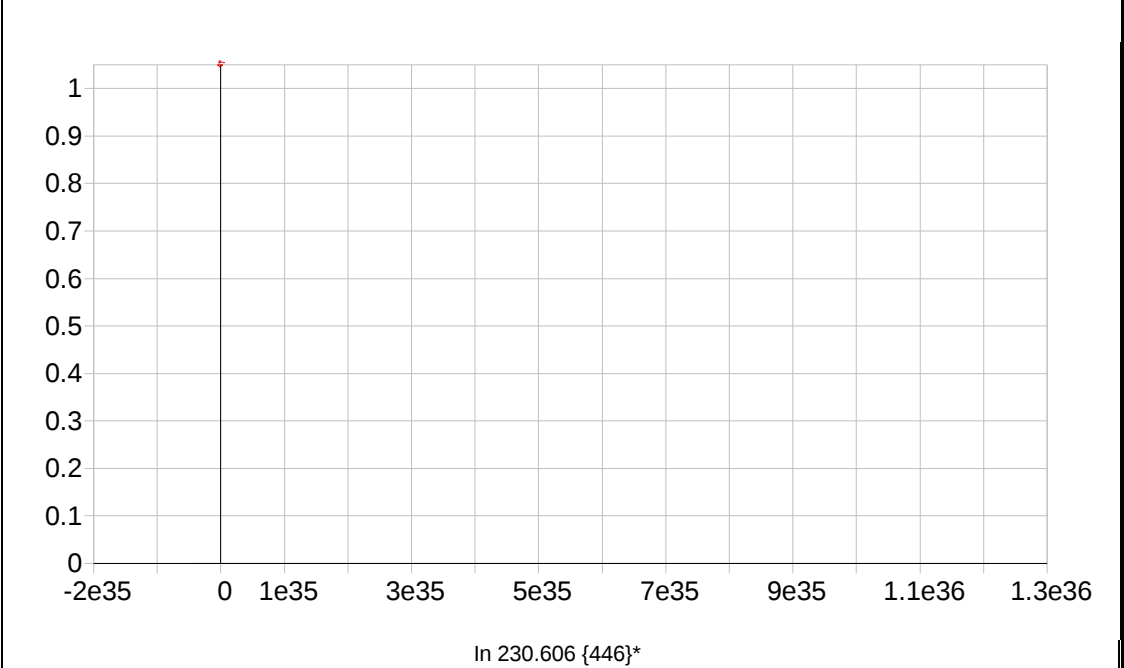




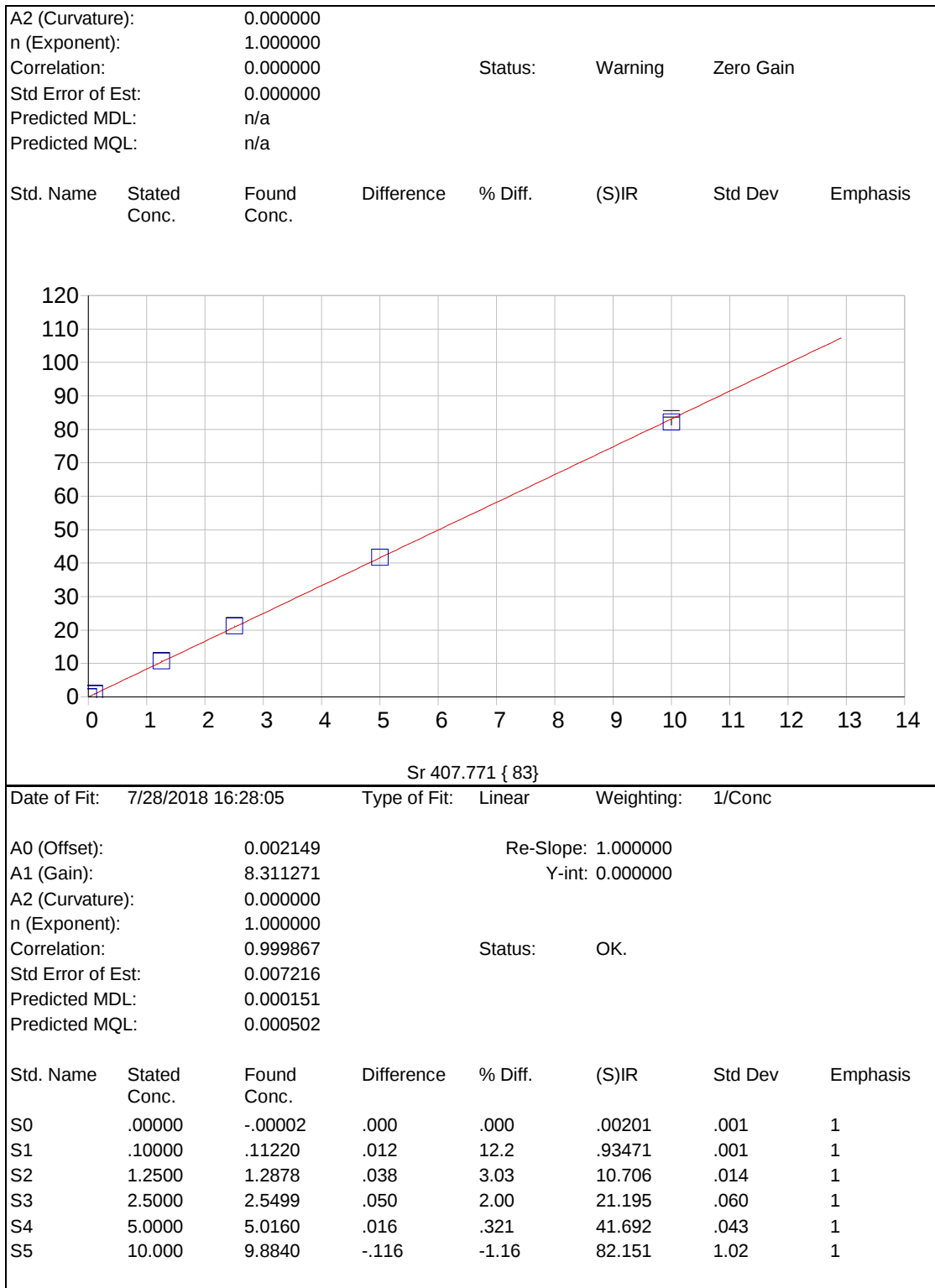


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/28/2018 15:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	-.00052	-.00098	-.00090	.00104	.00086	.00465	.00640	-.00167
Stddev	.00022	.00015	.00032	.00024	.00024	.00054	.00064	.00036
%RSD	42.148	15.150	35.311	23.226	28.119	11.648	10.028	21.574

#1	-.00034	-.00081	-.00083	.00109	.00092	.00405	.00643	-.00209
#2	-.00077	-.00106	-.00063	.00126	.00107	.00509	.00574	-.00144
#3	-.00046	-.00107	-.00125	.00078	.00060	.00483	.00703	-.00149

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	.00080	.00229	.00000	.00008	.00145	.00001	.00034	-.00035
Stddev	.00021	.00037	.00008	.00040	.00051	.00019	.00030	.00039
%RSD	26.228	16.261	2211.6	475.55	35.399	2089.8	87.994	112.26

#1	.00068	.00270	.00008	-.00027	.00204	-.00018	.00020	-.00006
#2	.00104	.00198	.00001	.00000	.00121	.00019	.00069	-.00079
#3	.00067	.00217	-.00008	.00052	.00110	.00002	.00014	-.00020

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	-.00309	-.00177	-.00499	-.00001	-.00030	.07405	-.00083	.01312
Stddev	.00041	.00011	.00173	.00031	.00041	.00117	.00017	.00039
%RSD	13.285	6.3237	34.638	3181.9	134.94	1.5791	20.114	2.9676

#1	-.00345	-.00179	-.00514	-.00036	.00007	.07340	-.00074	.01347
#2	-.00264	-.00164	-.00663	.00013	-.00023	.07334	-.00073	.01318
#3	-.00317	-.00186	-.00319	.00020	-.00073	.07540	-.00102	.01270

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	.00120	.01076	.01198	.00055	.00111	.00686	.00201	
Stddev	.00016	.00013	.00004	.00012	.00078	.00328	.00112	
%RSD	13.449	1.1821	.31541	21.612	70.191	47.776	55.537	

#1	.00137	.01086	.01198	.00057	.00035	.00416	.00278	
#2	.00105	.01080	.01202	.00042	.00191	.00591	.00253	
#3	.00118	.01062	.01194	.00066	.00108	.01051	.00073	

Sample Name: S0 Acquired: 7/28/2018 15:50:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1497.1	2112.9	31973.	4381.5	2771.2
Stddev	14.2	4.9	205.	29.4	6.0
%RSD	.94628	.23192	.64028	.67157	.21481
#1	1482.4	2111.1	31750.	4375.4	2767.6
#2	1498.1	2109.2	32016.	4413.6	2767.9
#3	1510.7	2118.5	32152.	4355.7	2778.0

Sample Name: S1 Acquired: 7/28/2018 15:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	-.00004	.00049	.00176	.00571	.01239	.01812	.59931	.05056
Stddev	.00010	.00016	.00020	.00013	.00018	.00085	.00092	.00040
%RSD	266.67	32.673	11.308	2.3176	1.4439	4.6730	.15324	.80031

#1	-.00015	.00048	.00197	.00584	.01255	.01719	.59854	.05050
#2	.00002	.00066	.00157	.00557	.01220	.01834	.60033	.05100
#3	.00001	.00034	.00173	.00573	.01243	.01884	.59906	.05020

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	.01893	.21031	.00182	.04917	.00415	.00165	.00320	.03454
Stddev	.00040	.00027	.00008	.00028	.00022	.00010	.00023	.00106
%RSD	2.1029	.12779	4.4627	.57878	5.3656	6.2670	7.2151	3.0697

#1	.01854	.21025	.00186	.04884	.00432	.00154	.00318	.03353
#2	.01892	.21008	.00188	.04933	.00423	.00174	.00298	.03565
#3	.01934	.21061	.00173	.04934	.00390	.00166	.00344	.03445

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	.02708	.00221	.03452	.00262	.00263	.17537	.00234	.01631
Stddev	.00042	.00010	.00227	.00033	.00075	.00275	.00002	.00109
%RSD	1.5369	4.6571	6.5656	12.643	28.616	1.5686	.69413	6.6724

#1	.02693	.00232	.03545	.00226	.00210	.17817	.00235	.01753
#2	.02676	.00212	.03617	.00291	.00230	.17528	.00232	.01546
#3	.02755	.00219	.03194	.00268	.00349	.17267	.00234	.01592

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	.01480	.06118	.00120	.01507	.07381	.93471	
Stddev	.00018	.00022	.00047	.00016	.00044	.00260	.00063	
%RSD	1.5641	1.5073	.76842	12.898	2.8944	3.5219	.06714	

#1	.01111	.01466	.06126	.00120	.01557	.07545	.93511	
#2	.01146	.01506	.06160	.00136	.01489	.07518	.93399	
#3	.01123	.01469	.06067	.00105	.01476	.07082	.93504	

Sample Name: S1 Acquired: 7/28/2018 15:54:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1485.8	2098.4	31800.	4364.6	2800.8
Stddev	9.8	1.9	122.	18.6	3.1
%RSD	.65978	.08937	.38439	.42609	.10977
#1	1495.1	2098.4	31890.	4351.8	2803.9
#2	1475.6	2100.3	31661.	4356.0	2800.9
#3	1486.7	2096.5	31851.	4385.9	2797.7

Sample Name: S2 Acquired: 7/28/2018 15:58:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	.05575	.07463	1.2688	.15983	.22702	2.4479	6.7600	1.1633
Stddev	.00036	.00035	.0035	.00044	.00176	.0038	.0128	.0089
%RSD	.65226	.46292	.27308	.27315	.77537	.15375	.19000	.76665

#1	.05564	.07450	1.2665	.15960	.22542	2.4477	6.7699	1.1593
#2	.05616	.07436	1.2671	.15955	.22673	2.4443	6.7455	1.1571
#3	.05546	.07502	1.2728	.16033	.22890	2.4518	6.7646	1.1736

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9752	2.4601	.63695	.56240	.34426	.56908	.68937	.39626
Stddev	.0058	.0032	.00128	.00158	.00130	.00100	.00154	.00154
%RSD	.29480	.13086	.20166	.28154	.37784	.17542	.22335	.38976

#1	1.9722	2.4598	.63825	.56102	.34538	.56805	.69100	.39685
#2	1.9715	2.4570	.63692	.56207	.34283	.56916	.68794	.39450
#3	1.9819	2.4634	.63568	.56413	.34457	.57004	.68918	.39742

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	.42057	.11352	.27418	.02950	.15353	.80188	.03762	.81302
Stddev	.00187	.00037	.00173	.00032	.00197	.00063	.00001	.00567
%RSD	.44523	.32745	.63168	1.0999	1.2830	.07912	.03546	.69689

#1	.41928	.11310	.27357	.02915	.15149	.80116	.03763	.81406
#2	.41972	.11379	.27283	.02979	.15368	.80212	.03761	.80691
#3	.42272	.11368	.27613	.02955	.15542	.80235	.03761	.81809

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	1.1705	.05926	.64876	.15748	.31646	1.6704	10.706	
Stddev	.0063	.00021	.00355	.00082	.00236	.0056	.014	
%RSD	.53463	.35961	.54750	.52196	.74692	.33205	.13156	

#1	1.1646	.05917	.64729	.15693	.31460	1.6711	10.707	
#2	1.1699	.05911	.64618	.15709	.31566	1.6646	10.691	
#3	1.1770	.05950	.65281	.15842	.31912	1.6756	10.719	

Sample Name: S2 Acquired: 7/28/2018 15:58:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1456.4	2012.0	31782.	4377.5	2729.5
Stddev	10.7	7.4	58.	6.6	7.3
%RSD	.73275	.37011	.18234	.15078	.26657
#1	1467.9	2017.8	31788.	4381.6	2733.9
#2	1446.8	2014.6	31722.	4381.0	2733.5
#3	1454.4	2003.6	31837.	4369.9	2721.1

Sample Name: S3 Acquired: 7/28/2018 16:02:27 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	.11118	.14812	2.4923	.31439	.44623	4.8836	13.291	2.2515
Stddev	.00086	.00101	.0128	.00145	.00296	.0145	.045	.0137
%RSD	.77041	.68194	.51316	.46053	.66252	.29760	.33579	.60689

#1	.11047	.14714	2.4796	.31337	.44421	4.8952	13.299	2.2660
#2	.11093	.14807	2.4921	.31376	.44486	4.8884	13.243	2.2389
#3	.11213	.14915	2.5052	.31605	.44962	4.8673	13.331	2.2497

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	3.8082	4.7904	1.2451	1.1001	.67601	1.1055	1.3373	.78484
Stddev	.0184	.0136	.0019	.0064	.00255	.0055	.0028	.00345
%RSD	.48388	.28414	.15079	.57846	.37758	.50136	.20800	.43961

#1	3.7907	4.7891	1.2432	1.0936	.67896	1.1017	1.3376	.78548
#2	3.8067	4.7775	1.2469	1.1003	.67467	1.1029	1.3344	.78111
#3	3.8274	4.8046	1.2452	1.1063	.67441	1.1119	1.3399	.78793

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	.82231	.22600	.54229	.05789	.30507	1.5413	.07660	1.5778
Stddev	.00424	.00119	.00010	.00019	.00428	.0044	.00064	.0123
%RSD	.51529	.52836	.01762	.32982	1.4019	.28697	.84155	.77880

#1	.81764	.22735	.54236	.05796	.31000	1.5444	.07604	1.5898
#2	.82339	.22507	.54233	.05803	.30277	1.5433	.07647	1.5653
#3	.82591	.22560	.54218	.05767	.30243	1.5362	.07731	1.5783

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	2.3204	.10774	1.2245	.31117	.62095	3.3579	21.195	
Stddev	.0160	.00092	.0109	.00179	.00430	.0073	.060	
%RSD	.68936	.85689	.89272	.57443	.69315	.21792	.28247	

#1	2.3076	.10683	1.2352	.30931	.62575	3.3664	21.263	
#2	2.3153	.10771	1.2133	.31131	.61968	3.3542	21.150	
#3	2.3384	.10867	1.2250	.31288	.61743	3.3532	21.173	

Sample Name: S3 Acquired: 7/28/2018 16:02:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1446.5	1964.9	31955.	4389.8	2682.2
Stddev	7.3	10.0	82.	11.7	11.4
%RSD	.50431	.51105	.25769	.26677	.42445
#1	1438.2	1973.2	31945.	4382.7	2693.2
#2	1449.6	1967.9	31877.	4403.3	2682.9
#3	1451.8	1953.8	32041.	4383.4	2670.5

Sample Name: S4 Acquired: 7/28/2018 16:06:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	.22647	.29387	4.9668	.62495	.90030	9.8558	26.082	4.3343
Stddev	.00073	.00192	.0237	.00388	.00401	.0166	.058	.0134
%RSD	.32186	.65230	.47673	.62095	.44491	.16862	.22235	.30790

#1	.22590	.29201	4.9463	.62188	.89642	9.8579	26.139	4.3440
#2	.22622	.29377	4.9613	.62366	.90005	9.8713	26.023	4.3191
#3	.22729	.29584	4.9927	.62931	.90442	9.8382	26.084	4.3397

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	7.4505	9.3373	2.4469	2.1727	1.3259	2.1400	2.5842	1.5491
Stddev	.0318	.0233	.0030	.0087	.0033	.0118	.0139	.0060
%RSD	.42643	.24990	.12336	.40153	.24936	.55031	.53942	.38577

#1	7.4210	9.3567	2.4460	2.1679	1.3280	2.1479	2.5935	1.5518
#2	7.4463	9.3114	2.4502	2.1675	1.3221	2.1265	2.5682	1.5423
#3	7.4841	9.3438	2.4444	2.1828	1.3275	2.1457	2.5909	1.5533

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	1.6425	.44980	1.0720	.11420	.61220	3.0643	.15818	3.0801
Stddev	.0082	.00409	.0031	.00041	.00462	.0021	.00086	.0202
%RSD	.49712	.90986	.28652	.36329	.75471	.06815	.54255	.65697

#1	1.6341	.44837	1.0742	.11430	.60765	3.0661	.15733	3.0863
#2	1.6431	.44661	1.0685	.11454	.61689	3.0620	.15816	3.0575
#3	1.6504	.45442	1.0733	.11374	.61207	3.0649	.15905	3.0965

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.6943	.20937	2.3527	.62582	1.2119	6.7624	41.692	
Stddev	.0264	.00115	.0112	.00333	.0050	.0134	.043	
%RSD	.56180	.55110	.47575	.53179	.41457	.19750	.10323	

#1	4.6735	.20841	2.3628	.62241	1.2170	6.7569	41.738	
#2	4.6855	.20906	2.3407	.62599	1.2070	6.7776	41.652	
#3	4.7239	.21065	2.3547	.62905	1.2116	6.7526	41.685	

Sample Name: S4 Acquired: 7/28/2018 16:06:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1406.0	1866.3	31839.	4406.8	2569.7
Stddev	5.9	6.1	138.	18.8	8.3
%RSD	.42114	.32622	.43341	.42653	.32366
#1	1412.9	1871.2	31934.	4385.4	2577.9
#2	1402.1	1868.3	31903.	4414.4	2569.8
#3	1403.1	1859.5	31681.	4420.7	2561.3

Sample Name: S5 Acquired: 7/28/2018 16:10:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	.47407	.58737	10.165	1.2494	1.8834	20.256	52.022	8.5644
Stddev	.00344	.00497	.077	.0113	.0175	.058	.102	.0894
%RSD	.72581	.84596	.76197	.90736	.93092	.28701	.19549	1.0438

#1	.47116	.58483	10.127	1.2402	1.8698	20.245	52.129	8.6284
#2	.47319	.58418	10.114	1.2460	1.8773	20.204	51.927	8.4622
#3	.47787	.59309	10.254	1.2621	1.9032	20.319	52.011	8.6025

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.933	18.480	4.7980	4.4010	2.6544	4.1767	5.0587	3.1337
Stddev	.106	.018	.0041	.0338	.0045	.0039	.0057	.0069
%RSD	.70902	.09686	.08557	.76700	.16767	.09440	.11340	.21849

#1	14.871	18.487	4.8022	4.3851	2.6556	4.1775	5.0610	3.1326
#2	14.874	18.460	4.7940	4.3782	2.6495	4.1724	5.0521	3.1276
#3	15.055	18.494	4.7978	4.4398	2.6582	4.1802	5.0628	3.1411

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	3.3159	.91613	2.1605	.22890	1.2675	6.3019	.33215	6.2019
Stddev	.0262	.00363	.0058	.00124	.0095	.0185	.00260	.0642
%RSD	.79080	.39603	.27015	.54290	.74732	.29420	.78157	1.0350

#1	3.3003	.91723	2.1672	.22761	1.2688	6.3215	.33159	6.2211
#2	3.3012	.91208	2.1577	.22902	1.2763	6.2846	.32988	6.1303
#3	3.3461	.91909	2.1565	.23008	1.2575	6.2998	.33498	6.2543

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	9.8517	.42591	4.6489	1.2865	2.4088	14.003	82.151	
Stddev	.0822	.00253	.0444	.0100	.0080	.036	1.023	
%RSD	.83404	.59446	.95434	.77574	.33267	.25687	1.2457	

#1	9.7838	.42467	4.6636	1.2804	2.4143	14.006	83.069	
#2	9.8282	.42424	4.5990	1.2810	2.3996	13.966	81.048	
#3	9.9430	.42883	4.6840	1.2980	2.4124	14.037	82.335	

Sample Name: S5 Acquired: 7/28/2018 16:10:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1326.3	1698.8	31451.	4343.0	2389.2
Stddev	7.3	14.3	101.	27.6	14.9
%RSD	.55192	.84117	.32146	.63569	.62567
#1	1320.1	1711.4	31343.	4322.0	2397.7
#2	1324.3	1701.6	31466.	4374.2	2397.9
#3	1334.4	1683.3	31544.	4332.7	2371.9

Sample Name: S6 Acquired: 7/28/2018 16:14:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	55.623	29.352	11.214	5.3041	6.2173
Stddev	.220	.056	.027	.0078	.0170
%RSD	.39523	.19041	.23778	.14715	.27263

#1	55.408	29.372	11.208	5.3037	6.2361
#2	55.847	29.396	11.243	5.3122	6.2127
#3	55.613	29.289	11.191	5.2966	6.2031

Int. Std.	Y_3710
Units	Cts/S
Avg	4254.7
Stddev	7.9
%RSD	.18528

#1	4257.1
#2	4246.0
#3	4261.2

Sample Name: ICV Acquired: 7/28/2018 16:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	1.014485	1.068458	.9374848	1.042857	.9445945	2.405302
Stddev	.008940	.003995	.0062197	.004614	.0037560	.011907
%RSD	.8812418	.3738982	.6634423	.4424407	.3976285	.4950434

#1	1.008395	1.064100	.9357749	1.040948	.9449124	2.391763
#2	1.010312	1.069328	.9322990	1.039503	.9406897	2.414147
#3	1.024749	1.071947	.9443806	1.048119	.9481814	2.409996

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5188303	.5096457	.5419411	10.28521	.5206731	.5212289
Stddev	.0007609	.0041301	.0020046	.04993	.0010238	.0029386
%RSD	.1466528	.8103799	.3698925	.4854449	.1966273	.5637760

#1	.5191238	.5096140	.5409905	10.27316	.5217727	.5216162
#2	.5179664	.5055316	.5405886	10.24241	.5204991	.5181159
#3	.5194007	.5137915	.5442441	10.34006	.5197474	.5239546

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5363531	5.451664	.5390917	5.822671	.5394186	.4812887
Stddev	.0062840	.045096	.0014822	.026587	.0018207	.0010921
%RSD	1.171611	.8271903	.2749430	.4566057	.3375257	.2269118

#1	.5420463	5.503394	.5391177	5.850928	.5387124	.4807603
#2	.5374026	5.420643	.5375967	5.798150	.5380567	.4805613
#3	.5296105	5.430954	.5405607	5.818934	.5414865	.4825445

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.976888	.5472735	1.002909	9.399892	F .0101931	F .0032922
Stddev	.337707	.0046136	.034634	.084296	.0014336	.0013682
%RSD	3.384892	.8430070	3.453340	.8967748	14.06412	41.55676

#1	10.25319	.5434494	.966084	9.442099	.0108969	.0047666
#2	10.07704	.5459737	1.034829	9.302830	.0085436	.0030466
#3	9.60043	.5523976	1.007814	9.454748	.0111387	.0020635

Sample Name: ICV Acquired: 7/28/2018 16:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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 -.000142	-.003397	-.002376	F -.002495	-.000857	.0023855
Stddev	.000201	.005468	.000217	.001736	.003802	.0020706
%RSD	141.1539	160.9368	9.120422	69.56027	443.5556	86.79828

#1	.000046	.001597	-.002167	-.003531	.000546	.0013394
#2	-.000353	-.009240	-.002600	-.000491	-.005161	.0010467
#3	-.000120	-.002550	-.002362	-.003463	.002043	.0047704

Elem	Sr4077
Units	ppm
Avg	.0120547
Stddev	.0001682
%RSD	1.395654

#1	.0120424
#2	.0118930
#3	.0122288

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.808	2059.062	33189.61	4575.366	2789.370
Stddev	2.094	4.406	80.65	21.465	9.583
%RSD	.1349688	.2139838	.2430082	.4691418	.3435623

#1	1553.910	2061.489	33281.27	4563.249	2794.072
#2	1549.721	2061.721	33129.51	4600.150	2795.693
#3	1551.793	2053.976	33158.04	4562.700	2778.343

Sample Name: ICB Acquired: 7/28/2018 16:29:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	-.003971	-.001800	.0012046	.0009258	.0001466	-.022376	-.001221
Stddev	.001399	.003613	.0018571	.0001973	.0021478	.011289	.000615
%RSD	35.23668	200.7207	154.1718	21.31457	1465.334	50.45063	50.35561

#1	-.003327	.002337	-.000637	.0007687	.0020732	-.019816	-.000533
#2	-.005576	-.003402	.003076	.0011473	-.002169	-.012587	-.001718
#3	-.003009	-.004335	.001175	.0008614	.000536	-.034725	-.001410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000079	.0060698	.0002459	.0000239	-.003216	.0268739
Stddev	.000069	.000129	.0240646	.0003430	.0001614	.003289	.0111846
%RSD	419.4869	164.2336	396.4646	139.4840	675.5159	102.2468	41.61889

#1	.000038	.000068	.0143855	.0002838	.0002071	-.006855	.0335785
#2	.000007	-.000130	-.021050	-.000114	-.000097	-.002338	.0330811
#3	-.000094	-.000174	.024874	.000568	-.000038	-.000456	.0139622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001564	.0086403	.0002232	.0012068	-.410051	-.008172	-.011786
Stddev	.000843	.0356923	.0003534	.0005146	.163931	.005103	.006125
%RSD	53.86702	413.0897	158.3464	42.64134	39.97831	62.44193	51.96913

#1	-.002512	.0346219	.0000112	.0006899	-.334403	-.012296	-.013612
#2	-.000900	-.032057	.0006310	.0017191	-.297603	-.009755	-.016791
#3	-.001281	.023356	.0000272	.0012115	-.598146	-.002465	-.004956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.304303	-.005682	-.008065	-.000564	-.006649	-.005819	-.002287
Stddev	.072736	.003464	.000237	.000072	.005880	.001049	.001994
%RSD	23.90260	60.96470	2.938338	12.75367	88.43225	18.02068	87.17357

#1	-.385124	-.001992	-.008044	-.000536	-.006548	-.004790	-.004570
#2	-.283679	-.006191	-.008311	-.000646	-.012579	-.006886	-.000881
#3	-.244105	-.008863	-.007839	-.000510	-.000820	-.005782	-.001412

Sample Name: ICB Acquired: 7/28/2018 16:29:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	-.001707	-.001377	.0000658
Stddev	.001360	.001577	.0000738
%RSD	79.69460	114.5410	112.1949

#1	-.003186	-.000880	.0001056
#2	-.000509	-.003142	-.000019
#3	-.001426	-.000108	.000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1558.102	2055.067	33396.58	4583.125	2736.543
Stddev	6.241	5.194	208.65	26.092	5.850
%RSD	.4005566	.2527649	.6247588	.5692996	.2137712

#1	1551.854	2050.162	33293.66	4592.575	2730.891
#2	1558.116	2060.509	33259.39	4603.175	2742.573
#3	1564.336	2054.529	33636.69	4553.625	2736.166

Sample Name: ICSA Acquired: 7/28/2018 16:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	-.004510	-.001433	.0004319	.0099741	.0013359	285.8745
Stddev	.005701	.006119	.0008218	.0003583	.0014917	.2404
%RSD	126.4228	427.0108	190.2824	3.591979	111.6633	.0841054

#1	-.010504	-.001467	.0013126	.0096044	.0020230	285.7769
#2	.000845	-.007535	.0002977	.0099980	.0023601	286.1483
#3	-.003871	.004703	-.000315	.0103198	-.000376	285.6981

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057035	.0008875	-.000911	284.8268	.0605714	-.000216
Stddev	.0007757	.0000657	.000093	1.5710	.0012439	.000286
%RSD	13.60062	7.403367	10.25319	.5515614	2.053678	132.8538

#1	.0048816	.0008288	-.001019	286.6298	.0613450	-.000093
#2	.0064228	.0009585	-.000865	283.7527	.0612328	-.000011
#3	.0058061	.0008753	-.000850	284.0978	.0591365	-.000543

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007420	119.0184	.0103457	288.6982	.0032425	.0015930
Stddev	.004396	.6003	.0010207	1.2523	.0005355	.0002643
%RSD	59.23615	.5043548	9.865570	.4337891	16.51594	16.59186

#1	-.006300	119.6842	.0110672	290.1334	.0029061	.0015388
#2	-.012268	118.5185	.0107919	287.8275	.0029614	.0013600
#3	-.003693	118.8524	.0091779	288.1336	.0038601	.0018802

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350645	.0040913	-.014687	-.865622	-.002993	F .1514004
Stddev	.1162067	.0067756	.005599	.086664	.001499	.0013837
%RSD	331.4084	165.6071	38.12445	10.01177	50.06799	.9139330

#1	-.020464	-.003480	-.020854	-.797824	-.003035	.1516866
#2	-.042961	.009583	-.013287	-.835778	-.001474	.1498960
#3	.168618	.006172	-.009921	-.963265	-.004471	.1526186

Sample Name: ICSA Acquired: 7/28/2018 16:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) 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	.0019290	-.003271	-.006640	-.004495	-.001744	.0013763
Stddev	.0006402	.002246	.001667	.001238	.001556	.0020655
%RSD	33.18958	68.67253	25.10316	27.55061	89.21038	150.0740

#1	.0014709	-.001708	-.004718	-.005221	-.000145	.0035440
#2	.0016556	-.005845	-.007512	-.005199	-.001835	.0011538
#3	.0026606	-.002259	-.007690	-.003065	-.003252	-.000569

Elem	Sr4077
Units	ppm
Avg	.1210997
Stddev	.0007338
%RSD	.6059528

#1	.1219118
#2	.1204842
#3	.1209032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.434	1938.354	32288.04	4510.910	2599.639
Stddev	7.035	5.895	88.49	19.748	6.174
%RSD	.4726476	.3041491	.2740631	.4377809	.2374834

#1	1492.559	1931.549	32316.45	4527.008	2592.529
#2	1480.310	1941.905	32188.83	4488.874	2602.751
#3	1492.431	1941.610	32358.84	4516.847	2603.638

Sample Name: ICSAB Acquired: 7/28/2018 16:49:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969166	.1007883	.0391723	.0589266	.5732547	238.3439
Stddev	.0038304	.0010536	.0002533	.0026318	.0026856	.9714
%RSD	3.952271	1.045378	.6464926	4.466218	.4684872	.4075627

#1	.0930891	.1019940	.0393113	.0588685	.5739694	237.3787
#2	.1007499	.1003261	.0388800	.0563244	.5702840	239.3214
#3	.0969109	.1000447	.0393256	.0615870	.5755106	238.3316

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996197	.4843719	.9876431	235.1283	.5543821	.4866586
Stddev	.0017525	.0021601	.0030767	.9558	.0018344	.0019999
%RSD	.3507614	.4459596	.3115176	.4064841	.3308877	.4109434

#1	.5010785	.4821803	.9862793	235.4432	.5523366	.4859152
#2	.5001048	.4864990	.9854841	235.8869	.5558811	.4851368
#3	.4976758	.4844363	.9911660	234.0548	.5549287	.4889237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4964910	98.45074	.5155120	236.5167	1.012607	.1704268
Stddev	.0042909	.34936	.0040583	.3301	.002799	.0009433
%RSD	.8642368	.3548552	.7872384	.1395732	.2764069	.5534917

#1	.4917751	98.60491	.5137288	236.4944	1.012518	.1715008
#2	.4975330	98.69649	.5201566	236.8574	1.009854	.1697323
#3	.5001650	98.05082	.5126506	236.1983	1.015450	.1700475

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.132945	.5241118	.9777708	-1.23964	.0076172	F .1193750
Stddev	.151253	.0095643	.0216225	.10170	.0074676	.0008201
%RSD	113.7709	1.824855	2.211411	8.204319	98.03584	.6870353

#1	-.068005	.5136413	.9843682	-1.24024	-.000949	.1198722
#2	-.305823	.5263055	.9953262	-1.13763	.011045	.1184283
#3	-.025007	.5323887	.9536182	-1.34104	.012755	.1198244

Sample Name: ICSAB Acquired: 7/28/2018 16:49:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029407	-.015243	-.005139	-.005045	-.001847	.0012748
Stddev	.0005402	.006916	.001249	.001562	.004545	.0015993
%RSD	18.36895	45.37032	24.30519	30.95864	246.0362	125.4565
#1	.0033805	-.009284	-.006180	-.003437	-.006286	.0008274
#2	.0023378	-.013618	-.003754	-.006556	.002797	-.000053
#3	.0031037	-.022826	-.005484	-.005142	-.002053	.003050

Elem	Sr4077
Units	ppm
Avg	.1005929
Stddev	.0002211
%RSD	.2197736
#1	.1008077
#2	.1006048
#3	.1003661

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.729	1989.432	33606.41	4670.401	2692.487
Stddev	9.619	9.768	210.81	12.611	11.535
%RSD	.6255229	.4910067	.6272777	.2700191	.4284297
#1	1527.504	1993.523	33419.43	4683.753	2699.800
#2	1546.597	1996.489	33834.87	4658.692	2698.471
#3	1539.086	1978.283	33564.91	4668.757	2679.189

Sample Name: CCV077 Acquired: 7/28/2018 16:53:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.881425	4.892880	24.51310	4.836182	4.866014	415.9770	9.704839
Stddev	.018590	.023315	.09179	.007247	.007021	.9159	.032326
%RSD	.3808292	.4765008	.3744431	.1498511	.1442860	.2201758	.3330951

#1	4.892164	4.892045	24.48954	4.831923	4.864492	416.9264	9.741036
#2	4.859959	4.869993	24.43539	4.832072	4.859879	415.0988	9.678847
#3	4.892151	4.916600	24.61437	4.844549	4.873672	415.9058	9.694633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4770145	2.418524	398.7407	15.05289	2.448269	14.90535	407.9646
Stddev	.0025413	.008624	1.1183	.02306	.007339	.03052	.5345
%RSD	.5327616	.3565716	.2804674	.1532101	.2997560	.2047522	.1310150

#1	.4743865	2.416460	399.8235	15.02908	2.445661	14.93742	408.5262
#2	.4794593	2.411119	397.5899	15.05445	2.442591	14.87667	407.4621
#3	.4771975	2.427992	398.8087	15.07513	2.456556	14.90196	407.9054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48651	394.1934	2.517306	1.199894	393.8319	2.545286	14.64460
Stddev	.04223	.4197	.011001	.002920	.7212	.009667	.06498
%RSD	.2915281	.1064593	.4369962	.2433537	.1831246	.3798094	.4437222

#1	14.52129	393.9501	2.512077	1.200462	394.4995	2.555608	14.58970
#2	14.43952	394.6779	2.509895	1.196731	393.0670	2.536444	14.71635
#3	14.49872	393.9520	2.529946	1.202488	393.9291	2.543806	14.62777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.8965	5.433889	5.063124	4.861821	5.117837	4.786992	5.034749
Stddev	.0938	.015961	.022435	.011533	.013675	.027134	.014890
%RSD	.0605420	.2937240	.4431053	.2372123	.2671935	.5668305	.2957347

#1	154.8754	5.425633	5.041654	4.862515	5.105905	4.755926	5.038789
#2	154.8150	5.423747	5.061305	4.849956	5.114846	4.806052	5.018257
#3	154.9990	5.452286	5.086413	4.872990	5.132759	4.798999	5.047202

Sample Name: CCV077 Acquired: 7/28/2018 16:53:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.903264	5.046055	4.979483
Stddev	.010333	.016713	.012609
%RSD	.2107405	.3312150	.2532217

#1	4.914302	5.061692	4.993166
#2	4.901671	5.028441	4.976951
#3	4.893820	5.048032	4.968332

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.119	1779.380	32164.27	4453.126	2414.628
Stddev	2.657	3.354	28.50	16.075	6.296
%RSD	.1885535	.1885095	.0886180	.3609834	.2607484

#1	1410.092	1781.758	32178.35	4471.415	2416.531
#2	1406.113	1780.839	32182.99	4441.235	2419.754
#3	1411.153	1775.544	32131.46	4446.728	2407.600

Sample Name: CCB077 Acquired: 7/28/2018 16:57:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000770	-.003133	.0008074	.0008483	-.000279	-.007935	-.000551
Stddev	.002061	.001161	.0014955	.0014264	.000779	.008630	.000198
%RSD	267.7868	37.06887	185.2266	168.1461	279.5764	108.7519	35.91397

#1	-.001614	-.004469	.0025341	-.000413	-.000586	-.017762	-.000324
#2	.001580	-.002566	-.000072	.000561	.000607	-.001589	-.000690
#3	-.002275	-.002364	-.000040	.002396	-.000857	-.004456	-.000639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000942	-.000084	-.014044	-.000331	-.000205	-.002443	.0017194
Stddev	.0000576	.000096	.005325	.000654	.000381	.002210	.0187773
%RSD	61.12634	114.8715	37.91747	197.5063	185.5976	90.47512	1092.070

#1	.0000498	-.000191	-.008069	-.000485	-.000621	-.000986	.0036822
#2	.0001593	-.000054	-.018290	-.000895	.000128	-.004985	-.017962
#3	.0000735	-.000006	-.015774	.000386	-.000124	-.001357	.019438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000816	-.023071	.0005184	.0009494	-.275212	.0070512	-.012862
Stddev	.000332	.037568	.0001559	.0001782	.069209	.0108993	.002636
%RSD	40.70829	162.8355	30.07478	18.76795	25.14769	154.5741	20.49519

#1	-.001190	.017716	.0004174	.0011513	-.331982	-.005073	-.011526
#2	-.000556	-.030672	.0004398	.0008827	-.295538	.010191	-.011162
#3	-.000701	-.056256	.0006979	.0008142	-.198115	.016036	-.015899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.288795	-.006428	-.004427	-.000123	-.020713	-.003780	-.001651
Stddev	.016723	.000972	.000891	.000359	.004308	.000359	.000569
%RSD	5.790615	15.12275	20.13280	290.3864	20.79901	9.500374	34.45103

#1	-.272794	-.007482	-.004306	-.000123	-.025197	-.003616	-.001162
#2	-.287435	-.006236	-.005373	.000235	-.020336	-.003532	-.002276
#3	-.306157	-.005567	-.003603	-.000482	-.016606	-.004192	-.001516

Sample Name: CCB077 Acquired: 7/28/2018 16:57:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000243	-.000763	.0000364
Stddev	.001423	.000426	.0000703
%RSD	586.2908	55.76337	193.2105

#1	.000081	-.001218	.0000504
#2	-.001799	-.000375	-.000040
#3	.000991	-.000697	.000099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.704	2041.395	33770.37	4614.575	2733.376
Stddev	8.604	9.789	163.10	18.378	9.210
%RSD	.5453612	.4795278	.4829707	.3982627	.3369354

#1	1569.901	2046.156	33583.03	4595.775	2739.624
#2	1586.932	2047.893	33847.25	4632.500	2737.705
#3	1576.278	2030.136	33880.82	4615.450	2722.800

Sample Name: PB111428BL Acquired: 7/28/2018 17:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001109	-.000741	-.000390	.0016200	.0007108	-.000723
Stddev	.002537	.001888	.001531	.0008003	.0004409	.010704
%RSD	228.7550	254.5929	392.8676	49.40282	62.02579	1480.262

#1	.001592	.000640	-.002111	.0024749	.0010646	.011503
#2	-.001476	.000028	.000822	.0008885	.0008508	-.008408
#3	-.003443	-.002892	.000120	.0014966	.0002169	-.005265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001210	.0000138	.0000025	.0074580	-.000140	-.000309
Stddev	.000181	.0000684	.0001229	.0228460	.000704	.000274
%RSD	14.98543	497.5914	4883.225	306.3282	502.6269	88.78101

#1	-.001003	.0000881	.0000222	-.012539	.000569	-.000004
#2	-.001290	-.000047	.0001143	.002555	-.000839	-.000534
#3	-.001338	-.000000	-.000129	.032357	-.000150	-.000388

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007548	.0201474	-.001881	-.023102	.0001690	.0007710
Stddev	.0008027	.0204512	.001195	.040764	.0003765	.0002141
%RSD	106.3478	101.5076	63.53601	176.4538	222.8263	27.77219

#1	.0009450	.0081190	-.003105	.023964	.0002081	.0005353
#2	-.000126	.0437610	-.000717	-.046079	.0005244	.0008240
#3	.001445	.0085623	-.001820	-.047191	-.000226	.0009536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.228474	-.007351	-.006405	-.351005	-.005473	F -.010180
Stddev	.056898	.001141	.002009	.150837	.002670	.000627
%RSD	24.90339	15.51799	31.36748	42.97304	48.78311	6.156328

#1	-.259514	-.006036	-.008535	-.498228	-.008509	-.009809
#2	-.162807	-.007938	-.006133	-.357989	-.003489	-.009827
#3	-.263102	-.008079	-.004545	-.196796	-.004422	-.010903

Sample Name: PB111428BL Acquired: 7/28/2018 17:01:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	-.027065	-.004509	-.002347	.0011095	-.001553
Stddev	.000346	.005230	.000880	.001130	.0003028	.000882
%RSD	267.7276	19.32221	19.51494	48.12754	27.29553	56.77617

#1	-.000262	-.032185	-.004352	-.003622	.0008390	-.000554
#2	.000263	-.027278	-.005457	-.001947	.0014366	-.002224
#3	-.000389	-.021732	-.003719	-.001471	.0010528	-.001880

Elem	Sr4077
Units	ppm
Avg	.0000995
Stddev	.0000094
%RSD	9.407101

#1	.0001015
#2	.0001078
#3	.0000894

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.526	2050.236	33966.10	4649.225	2749.369
Stddev	10.838	4.895	145.25	7.114	4.860
%RSD	.6822544	.2387419	.4276192	.1530172	.1767657

#1	1576.854	2049.621	33859.95	4645.550	2748.632
#2	1590.453	2055.409	33906.72	4657.425	2754.556
#3	1598.271	2045.678	34131.63	4644.700	2744.920

Sample Name: PB111428BS Acquired: 7/28/2018 17:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184230	.0479275	.0152316	.0726675	.1211307	.3845344
Stddev	.0040775	.0026264	.0011798	.0021805	.0020931	.0120969
%RSD	22.13252	5.479895	7.745954	3.000637	1.727982	3.145867

#1	.0194254	.0449095	.0159370	.0748771	.1188373	.3984759
#2	.0219057	.0491784	.0138696	.0726080	.1229380	.3768136
#3	.0139378	.0496945	.0158883	.0705173	.1216168	.3783138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3947304	.0104243	.0107517	9.883066	.0218637	.0980847
Stddev	.0005240	.0000530	.0001485	.022836	.0007760	.0002227
%RSD	.1327542	.5082573	1.380978	.2310570	3.549187	.2270308

#1	.3949510	.0103934	.0109231	9.857036	.0218417	.0982582
#2	.3951080	.0103941	.0106614	9.892437	.0226505	.0981624
#3	.3941321	.0104855	.0106706	9.899726	.0210990	.0978336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489481	.2391968	.0323999	9.534137	.0846670	.0193851
Stddev	.0078899	.0221330	.0006518	.094145	.0005226	.0002774
%RSD	16.11881	9.253063	2.011620	.9874527	.6171955	1.430965

#1	.0431801	.2173556	.0316542	9.425436	.0852689	.0190651
#2	.0579392	.2386243	.0328605	9.589650	.0844034	.0195581
#3	.0457249	.2616106	.0326852	9.587325	.0843288	.0195320

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.864500	.1019875	.1153340	9.416373	F .1924927	F .0059798
Stddev	.130178	.0118592	.0107163	.103272	.0010388	.0007537
%RSD	1.468531	11.62807	9.291515	1.096724	.5396719	12.60477

#1	8.748015	.1104431	.1246370	9.318026	.1922561	.0051830
#2	8.840463	.0884314	.1036164	9.407143	.1936295	.0066814
#3	9.005021	.1070880	.1177487	9.523949	.1915927	.0060751

Sample Name: PB111428BS Acquired: 7/28/2018 17:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190679	.1668395	.1819656	F .0115907	.1017545	.0915406
Stddev	.0002562	.0013432	.0005070	.0007112	.0038198	.0011711
%RSD	1.343838	.8050886	.2786463	6.135976	3.753978	1.279348

#1	.0190221	.1653029	.1824203	.0119212	.1024675	.0927550
#2	.0193439	.1674250	.1814188	.0107744	.1051677	.0904182
#3	.0188376	.1677905	.1820576	.0120765	.0976285	.0914488

Elem	Sr4077
Units	ppm
Avg	.2040655
Stddev	.0003881
%RSD	.1901887

#1	.2045020
#2	.2039351
#3	.2037594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.224	2034.947	33778.56	4623.525	2789.215
Stddev	7.674	3.123	154.05	28.810	3.763
%RSD	.4890047	.1534902	.4560621	.6231114	.1349058

#1	1573.836	2036.333	33837.39	4636.975	2787.068
#2	1573.471	2037.138	33894.53	4643.150	2793.560
#3	1560.366	2031.371	33603.76	4590.450	2787.016

Sample Name: PB111469BL Acquired: 7/28/2018 17:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000901	-.003744	.0016862	-.000483	-.001323	.0061773
Stddev	.002775	.004741	.0004026	.001388	.001094	.0144224
%RSD	308.0942	126.6489	23.87519	287.4560	82.69530	233.4725

#1	-.003913	-.004235	.0018064	.001089	-.001492	.0100039
#2	.001552	-.008220	.0012372	-.001540	-.002322	-.009772
#3	-.000341	.001224	.0020150	-.000997	-.000154	.018301

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001254	.0000392	-.000000	.0079215	.0001995	-.000055
Stddev	.000652	.0000439	.000055	.0054381	.0002744	.000084
%RSD	51.98868	112.1187	156122.3	68.64992	137.5461	152.8192

#1	-.001997	.0000875	.000055	.0141848	.0003884	-.000149
#2	-.000775	.0000017	-.000056	.0044008	.0003254	-.000028
#3	-.000991	.0000284	.000001	.0051789	-.000115	.000012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022319	.0182681	-.001537	.0436965	-.000013	.0014317
Stddev	.0039023	.0126004	.001335	.0746991	.000171	.0001843
%RSD	174.8404	68.97491	86.81765	170.9498	1279.247	12.87211

#1	.0014806	.0113870	-.002805	.0796215	-.000025	.0014454
#2	-.001240	.0106065	-.001663	-.042178	-.000178	.0016088
#3	.006455	.0328108	-.000144	.093646	.000163	.0012410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.280776	.0037017	-.011299	-.327530	-.007431	F -.012050
Stddev	.241033	.0035385	.005089	.112540	.002438	.000451
%RSD	85.84502	95.58895	45.03540	34.36018	32.81187	3.739847

#1	-.319878	.0022697	-.011916	-.375993	-.004808	-.012171
#2	-.022584	.0077318	-.016051	-.407719	-.009628	-.011551
#3	-.499868	.0011038	-.005930	-.198877	-.007855	-.012428

Sample Name: PB111469BL Acquired: 7/28/2018 17:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000300	-.026979	-.004228	-.003349	-.001118	-.002528
Stddev	.000344	.002766	.000483	.000206	.001901	.001219
%RSD	114.5106	10.25299	11.43588	6.148218	169.9737	48.22904

#1	.000033	-.023827	-.004137	-.003418	-.003296	-.001161
#2	-.000653	-.028999	-.003796	-.003117	.000206	-.002919
#3	-.000280	-.028112	-.004750	-.003511	-.000265	-.003505

Elem	Sr4077
Units	ppm
Avg	-.000098
Stddev	.000047
%RSD	48.10254

#1	-.000053
#2	-.000147
#3	-.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.941	2034.463	33748.92	4597.517	2725.204
Stddev	14.216	7.170	104.77	26.124	7.090
%RSD	.9026599	.3524398	.3104472	.5682289	.2601477

#1	1588.640	2038.692	33869.48	4568.800	2732.304
#2	1575.927	2038.513	33697.34	4603.875	2725.182
#3	1560.258	2026.184	33679.93	4619.875	2718.125

Sample Name: PB111469BS Acquired: 7/28/2018 17:13:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188306	.0464899	.0160122	.0733264	.1190881	.3879583
Stddev	.0013557	.0020515	.0008158	.0008324	.0009691	.0129564
%RSD	7.199217	4.412751	5.094829	1.135178	.8137927	3.339633

#1	.0177044	.0480689	.0169529	.0742810	.1202035	.3960153
#2	.0203353	.0441711	.0155849	.0729465	.1184517	.3948468
#3	.0184521	.0472296	.0154988	.0727518	.1186092	.3730128

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3908935	.0104227	.0106092	9.784421	.0213040	.0975425
Stddev	.0010891	.0000766	.0000983	.013822	.0005841	.0004544
%RSD	.2786245	.7351523	.9267812	.1412680	2.741644	.4658093

#1	.3906522	.0103356	.0104969	9.792603	.0206785	.0971356
#2	.3899453	.0104524	.0106798	9.792198	.0218352	.0974591
#3	.3920830	.0104799	.0106510	9.768462	.0213982	.0980328

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510724	.2143807	.0288763	9.474737	.0837940	.0194060
Stddev	.0030689	.0207955	.0006350	.108476	.0000478	.0002132
%RSD	6.008978	9.700248	2.199205	1.144895	.0570208	1.098833

#1	.0477468	.2135137	.0291567	9.411625	.0838487	.0192038
#2	.0537951	.2355961	.0293230	9.412594	.0837604	.0193853
#3	.0516754	.1940323	.0281494	9.599993	.0837729	.0196288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.984817	.1093627	.1215629	9.277164	F .1912143	F .0048633
Stddev	.164169	.0032154	.0161693	.084097	.0017717	.0002368
%RSD	1.827179	2.940085	13.30118	.9064932	.9265442	4.868942

#1	8.795289	.1056785	.1030802	9.330814	.1917919	.0048810
#2	9.076322	.1116029	.1285154	9.180243	.1926251	.0046181
#3	9.082841	.1108067	.1330931	9.320436	.1892259	.0050907

Sample Name: PB111469BS Acquired: 7/28/2018 17:13:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196316	.1590515	.1809333	F .0118369	.1011576	.0904767
Stddev	.0000885	.0042344	.0011678	.0010061	.0026886	.0020168
%RSD	.4510526	2.662273	.6454309	8.499633	2.657778	2.229037

#1	.0196318	.1625270	.1799462	.0127866	.0980674	.0882502
#2	.0195429	.1543353	.1806314	.0107826	.1029597	.0921810
#3	.0197200	.1602920	.1822225	.0119416	.1024458	.0909990

Elem	Sr4077
Units	ppm
Avg	.2024860
Stddev	.0000831
%RSD	.0410420

#1	.2025706
#2	.2024045
#3	.2024827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.293	2035.586	33902.48	4665.325	2790.045
Stddev	4.579	1.083	88.46	12.041	5.112
%RSD	.2921874	.0532186	.2609205	.2580934	.1832190

#1	1572.543	2036.251	33908.19	4662.100	2795.940
#2	1565.217	2036.172	33811.30	4678.650	2787.345
#3	1564.119	2034.336	33987.94	4655.225	2786.848

Sample Name: J3963-01 Acquired: 7/28/2018 17:17:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0296797	.0441027	.0786007	.0004493	-.000528	2.532679	-.001701
Stddev	.0049834	.0020847	.0015426	.0023027	.001599	.014815	.000656
%RSD	16.79057	4.726951	1.962590	512.5647	302.7085	.5849355	38.55567

#1	.0258886	.0457224	.0779471	.0022937	.000832	2.543047	-.002005
#2	.0278262	.0417507	.0803625	.0011856	-.002289	2.515712	-.000948
#3	.0353242	.0448351	.0774925	-.002132	-.000128	2.539279	-.002149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691123	.0270900	13.35582	.1403383	.1493572	.1161345	-.010912
Stddev	.0002254	.0000378	.03584	.0006218	.0006312	.0077531	.013615
%RSD	.3261078	.1394093	.2683487	.4431043	.4226143	6.675932	124.7678

#1	.0690274	.0270501	13.33798	.1398532	.1486312	.1092003	-.002655
#2	.0689417	.0270944	13.33240	.1410393	.1497762	.1146978	-.026626
#3	.0693678	.0271253	13.39708	.1401225	.1496642	.1245054	-.003455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002263	11.17164	.1924617	.0454399	11.66608	.2157110	-.006044
Stddev	.001065	.01965	.0009210	.0003670	.23252	.0060344	.020275
%RSD	47.04962	.1758478	.4785106	.8077278	1.993165	2.797466	335.4584

#1	-.002242	11.19232	.1918262	.0453728	11.76959	.2185362	-.000773
#2	-.003338	11.15323	.1920410	.0451110	11.39978	.2198147	-.028434
#3	-.001209	11.16936	.1935179	.0458358	11.82888	.2087823	.011075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.405025	-.001842	-.015557	-.000091	-.037009	-.002753	-.004262
Stddev	.112317	.003319	.000792	.000190	.002253	.000093	.001423
%RSD	27.73083	180.2161	5.089191	208.4103	6.086656	3.362787	33.38561

#1	-.411744	-.001316	-.015723	-.000251	-.038688	-.002766	-.003997
#2	-.289499	.001183	-.016253	.000119	-.037890	-.002838	-.002990
#3	-.513831	-.005393	-.014695	-.000141	-.034449	-.002654	-.005798

Sample Name: J3963-01 Acquired: 7/28/2018 17:17:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005078	-.002164	.0018564
Stddev	.0006414	.002504	.0000160
%RSD	126.3039	115.6858	.8638581

#1	.0008601	.000587	.0018743
#2	-.000233	-.002771	.0018432
#3	.000896	-.004310	.0018518

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.676	2034.196	34028.81	4663.442	2772.081
Stddev	16.609	7.781	233.62	4.288	8.475
%RSD	1.045459	.3825300	.6865455	.0919543	.3057173

#1	1598.537	2035.967	34298.56	4659.200	2776.195
#2	1597.990	2040.940	33891.01	4663.350	2777.713
#3	1569.500	2025.682	33896.87	4667.775	2762.334

Sample Name: J3963-02 Acquired: 7/28/2018 17:21:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285085	.0470532	.0793366	.0015723	-.002007	2.561462	-.001414
Stddev	.0010948	.0016433	.0017063	.0029815	.000723	.013926	.000188
%RSD	3.840286	3.492384	2.150709	189.6292	36.03923	.5436693	13.29583

#1	.0272793	.0484071	.0784017	.0050144	-.002700	2.559868	-.001413
#2	.0293787	.0452249	.0783020	-.000093	-.002064	2.548402	-.001603
#3	.0288676	.0475276	.0813060	-.000205	-.001257	2.576116	-.001227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701260	.0273161	13.50003	.1416700	.1512696	.1193805	.0019323
Stddev	.0003730	.0001689	.04137	.0008575	.0009094	.0065536	.0092000
%RSD	.5319016	.6184685	.3064385	.6052798	.6011918	5.489670	476.1142

#1	.0701443	.0271894	13.45551	.1406850	.1508585	.1189822	.0125528
#2	.0697442	.0272511	13.53728	.1422495	.1506382	.1261242	-.003172
#3	.0704895	.0275079	13.50731	.1420755	.1523120	.1130352	-.003584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001852	11.35946	.1953703	.0459224	11.89014	.2129288	-.010101
Stddev	.002028	.11333	.0008021	.0002331	.14183	.0060884	.015849
%RSD	109.5175	.9976284	.4105509	.5076494	1.192841	2.859383	156.9103

#1	.000481	11.37675	.1946694	.0460178	11.78683	.2198679	.006610
#2	-.002838	11.23848	.1951964	.0456568	12.05185	.2084816	-.011993
#3	-.003198	11.46314	.1962451	.0460928	11.83174	.2104369	-.024919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.541178	-.000142	-.016389	.0000216	-.035793	-.002962	-.003493
Stddev	.038463	.000675	.001380	.0002847	.000493	.001122	.001079
%RSD	7.107286	475.1854	8.419601	1315.602	1.376981	37.89822	30.89611

#1	-.581002	.000535	-.015369	.0000891	-.035477	-.001827	-.002704
#2	-.538296	-.000146	-.015839	-.000291	-.035541	-.004071	-.004722
#3	-.504238	-.000815	-.017959	.000267	-.036361	-.002987	-.003052

Sample Name: J3963-02 Acquired: 7/28/2018 17:21:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008273	-.001406	.0019140
Stddev	.0045451	.001186	.0000655
%RSD	549.4039	84.33212	3.419549

#1	-.004291	-.000425	.0018415
#2	.004392	-.001070	.0019318
#3	.002380	-.002724	.0019687

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1573.902	2036.279	34017.71	4661.950	2777.521
Stddev	9.531	10.470	124.22	15.409	12.132
%RSD	.6055834	.5141942	.3651745	.3305319	.4367859

#1	1566.823	2036.736	33874.43	4655.075	2784.297
#2	1584.739	2046.513	34083.64	4679.600	2784.751
#3	1570.143	2025.587	34095.08	4651.175	2763.515

Sample Name: J3963-01LX5 Acquired: 7/28/2018 17:30:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071290	.0115767	.0157183	.0019311	.0009246	.5162393	-.001220
Stddev	.0016131	.0034422	.0013728	.0011895	.0014065	.0319432	.000436
%RSD	22.62682	29.73355	8.734016	61.59437	152.1203	6.187670	35.73874

#1	.0075110	.0077921	.0172547	.0024776	-.000578	.5517705	-.001217
#2	.0053593	.0124172	.0152884	.0027492	.001142	.5070476	-.000786
#3	.0085169	.0145208	.0146119	.0005666	.002210	.4898997	-.001658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140549	.0055351	2.718670	.0283959	.0302983	.0264209	-.002972
Stddev	.0001436	.0001213	.026278	.0006767	.0004854	.0051478	.018626
%RSD	1.021879	2.191776	.9665706	2.382969	1.601917	19.48362	626.7708

#1	.0138934	.0056352	2.691349	.0277313	.0297682	.0322327	.015096
#2	.0141029	.0054002	2.743762	.0290840	.0304057	.0224349	-.022109
#3	.0141683	.0055700	2.720900	.0283722	.0307209	.0245951	-.001902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002549	2.241774	.0392492	.0100325	2.174974	.0495033	-.005010
Stddev	.000638	.017457	.0004231	.0003146	.384393	.0114720	.011424
%RSD	25.02908	.7787241	1.078082	3.136300	17.67343	23.17430	228.0346

#1	-.002856	2.221889	.0391723	.0097372	1.733506	.0557476	-.012484
#2	-.001816	2.248854	.0397056	.0099967	2.435548	.0362636	.008141
#3	-.002976	2.254578	.0388698	.0103635	2.355867	.0564986	-.010687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.536807	-.003186	-.015491	-.000262	-.043524	-.003632	-.003318
Stddev	.074815	.001507	.000516	.000258	.010419	.001143	.000808
%RSD	13.93701	47.30944	3.330758	98.43802	23.93838	31.47266	24.33543

#1	-.498352	-.003423	-.015405	-.000515	-.054921	-.004593	-.003654
#2	-.623028	-.001574	-.015024	-.000273	-.034489	-.003936	-.002397
#3	-.489040	-.004561	-.016045	.000001	-.041161	-.002368	-.003904

Sample Name: J3963-01LX5 Acquired: 7/28/2018 17:30:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001178	-.002496	.0004514
Stddev	.0008188	.000956	.0000387
%RSD	694.9807	38.29640	8.567990

#1	-.000384	-.001598	.0004856
#2	.001063	-.003501	.0004094
#3	-.000326	-.002390	.0004590

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.310	2033.272	33952.08	4628.975	2756.806
Stddev	14.697	5.962	161.40	23.366	6.442
%RSD	.9300384	.2931986	.4753870	.5047770	.2336608

#1	1595.637	2026.527	34040.33	4645.075	2749.783
#2	1566.335	2035.448	33765.79	4602.175	2758.194
#3	1578.958	2037.839	34050.11	4639.675	2762.440

Sample Name: J3963-13 Acquired: 7/28/2018 17:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4768631	-.006475	5.018488	.0290571	.0684857	1.939152
Stddev	.0062312	.003094	.021439	.0003580	.0009967	.050081
%RSD	1.306703	47.78827	.4272062	1.231966	1.455309	2.582603

#1	.4708128	-.006111	5.004532	.0290894	.0681798	1.996501
#2	.4832606	-.003579	5.007758	.0286840	.0676779	1.904045
#3	.4765157	-.009735	5.043174	.0293978	.0695995	1.916911

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0313792	.0020124	.0328564	F 1822.639	.0456582	.1197019
Stddev	.0007965	.0000322	.0000704	12.537	.0005037	.0004280
%RSD	2.538273	1.601086	.2142133	.6878341	1.103130	.3575812

#1	.0307238	.0020218	.0328955	1836.510	.0462373	.1192085
#2	.0311482	.0020390	.0327752	1819.289	.0454156	.1199233
#3	.0322657	.0019766	.0328986	1812.117	.0453218	.1199739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.110268	168.9725	4.213218	F 1075.222	.1240899	.0024994
Stddev	.007802	.3972	.011907	2.856	.0009851	.0005975
%RSD	.7027178	.2350506	.2826116	.2655844	.7938387	23.90468

#1	1.116621	169.0504	4.216339	1077.704	.1237287	.0028911
#2	1.112624	169.3250	4.223253	1075.860	.1252045	.0018117
#3	1.101559	168.5422	4.200061	1072.101	.1233363	.0027953

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057336	.3087220	3.080717	-2.73248	1.589617	.2050848
Stddev	.3608325	.0058006	.033176	.04107	.002313	.0012756
%RSD	341.2657	1.878913	1.076902	1.502944	.1454980	.6220058

#1	-.167766	.3131166	3.096247	-2.68512	1.589268	.2049659
#2	-.029727	.3109022	3.042624	-2.75816	1.587498	.2064157
#3	.514694	.3021471	3.103281	-2.75417	1.592084	.2038727

Sample Name: J3963-13 Acquired: 7/28/2018 17:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337097	.7244358	2.337715	-.007238	.0175369	.0204178
Stddev	.0006098	.0059368	.014065	.002680	.0032421	.0020775
%RSD	1.808946	.8195023	.6016623	37.02732	18.48749	10.17488

#1	.0334531	.7178874	2.334337	-.005286	.0212357	.0180519
#2	.0332701	.7259536	2.353161	-.006135	.0151870	.0219440
#3	.0344058	.7294662	2.325646	-.010294	.0161880	.0212575

Elem	Sr4077
Units	ppm
Avg	.2601927
Stddev	.0012389
%RSD	.4761270

#1	.2613809
#2	.2589088
#3	.2602884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.843	1958.826	35460.05	4795.495	2257.778
Stddev	5.738	7.623	112.54	8.953	7.032
%RSD	.3685429	.3891780	.3173774	.1867041	.3114554

#1	1563.061	1967.587	35573.65	4798.607	2265.184
#2	1555.714	1955.190	35457.91	4785.400	2256.958
#3	1551.753	1953.701	35348.60	4802.477	2251.192

Sample Name: J3963-14 Acquired: 7/28/2018 17:38:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4694707	-.006601	5.017858	.0300107	.0708327	1.953181
Stddev	.0035030	.002099	.014832	.0026241	.0011839	.030136
%RSD	.7461562	31.79494	.2955791	8.743976	1.671378	1.542897

#1	.4730180	-.007585	5.012687	.0283490	.0695989	1.987756
#2	.4660138	-.008027	5.034583	.0330358	.0709399	1.932497
#3	.4693802	-.004191	5.006303	.0286472	.0719594	1.939288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320822	.0020372	.0329905	F 1831.375	.0453568	.1200895
Stddev	.0001888	.0000673	.0002038	6.878	.0004006	.0007464
%RSD	.5884927	3.305781	.6176735	.3755430	.8832361	.6215605

#1	.0322774	.0021140	.0329504	1828.614	.0451065	.1192931
#2	.0319005	.0020095	.0332113	1826.308	.0451450	.1207731
#3	.0320687	.0019882	.0328097	1839.204	.0458188	.1202022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.098838	169.8929	4.217560	F 1079.316	.1251977	.0029826
Stddev	.005901	.1204	.010020	2.464	.0002031	.0001368
%RSD	.5370638	.0708649	.2375725	.2282682	.1622062	4.587104

#1	1.093170	169.9045	4.218268	1080.228	.1254317	.0030253
#2	1.104948	169.7672	4.207206	1076.526	.1250941	.0028296
#3	1.098396	170.0072	4.227208	1081.194	.1250673	.0030931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4568138	.2968838	3.078771	-2.74182	1.584388	.2063946
Stddev	.3864265	.0064020	.032264	.03474	.013291	.0003574
%RSD	84.59168	2.156407	1.047946	1.266919	.8388999	.1731801

#1	.3337208	.3015217	3.042463	-2.71118	1.578696	.2060581
#2	.1469286	.2895795	3.089695	-2.77956	1.599577	.2067698
#3	.8897920	.2995502	3.104154	-2.73472	1.574890	.2063560

Sample Name: J3963-14 Acquired: 7/28/2018 17:38:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334554	.7188663	2.438815	-.003712	.0184180	.0203353
Stddev	.0002186	.0037706	.016756	.002217	.0015665	.0012669
%RSD	.6534289	.5245256	.6870559	59.72748	8.505424	6.230142

#1	.0333717	.7230948	2.424572	-.001184	.0172041	.0197313
#2	.0337035	.7176503	2.434596	-.004624	.0178634	.0194834
#3	.0332910	.7158537	2.457277	-.005328	.0201863	.0217912

Elem	Sr4077
Units	ppm
Avg	.2602752
Stddev	.0004708
%RSD	.1808753

#1	.2599223
#2	.2600935
#3	.2608097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1561.586	1966.745	35607.22	4796.203	2261.477
Stddev	4.744	4.271	159.84	22.540	4.947
%RSD	.3038130	.2171641	.4488958	.4699501	.2187637

#1	1564.710	1966.558	35791.78	4815.154	2265.063
#2	1563.920	1962.570	35516.50	4802.177	2255.833
#3	1556.126	1971.106	35513.40	4771.278	2263.534

Sample Name: J3963-15 Acquired: 7/28/2018 17:42:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5525439	.1000176	4.972987	.1245124	.2663728	6.037299
Stddev	.0059530	.0046267	.015046	.0032499	.0073728	.034329
%RSD	1.077381	4.625857	.3025526	2.610107	2.767838	.5686148

#1	.5533059	.0947339	4.956040	.1207638	.2632799	5.999053
#2	.5462466	.1019751	4.978148	.1265382	.2610502	6.047399
#3	.5580793	.1033437	4.984773	.1262351	.2747883	6.065445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.270551	.1009812	.1467049	F 1798.784	.4398090	1.270531
Stddev	.011406	.0006488	.0003397	19.937	.0022892	.002852
%RSD	.2670768	.6425027	.2315528	1.108372	.5204876	.2244360

#1	4.282582	.1016145	.1463830	1785.144	.4376880	1.267310
#2	4.269174	.1003180	.1466716	1789.543	.4422356	1.272735
#3	4.259896	.1010111	.1470599	1821.665	.4395034	1.271547

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.627251	169.1246	5.189381	F 1062.479	1.314037	.1026255
Stddev	.001647	.5867	.012149	1.597	.001850	.0006977
%RSD	.1012073	.3468938	.2341084	.1503290	.1407947	.6798189

#1	1.629100	169.4114	5.202948	1064.109	1.313040	.1034307
#2	1.625942	169.5126	5.185685	1062.413	1.312899	.1022457
#3	1.626711	168.4496	5.179509	1060.916	1.316172	.1022001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4948978	1.399912	4.069000	-2.64583	1.590305	.2037754
Stddev	.1387966	.007119	.047034	.07754	.009593	.0012537
%RSD	28.04552	.5085030	1.155918	2.930733	.6032242	.6152499

#1	.3372375	1.397799	4.090721	-2.55727	1.580948	.2046572
#2	.5986665	1.407849	4.015030	-2.67873	1.600118	.2043288
#3	.5487893	1.394090	4.101248	-2.70150	1.589850	.2023402

Sample Name: J3963-15 Acquired: 7/28/2018 17:42:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336789	.7060201	2.314041	-.004998	.0167938	.0232210
Stddev	.0003553	.0097120	.006406	.001251	.0018150	.0012611
%RSD	1.054944	1.375601	.2768169	25.03102	10.80770	5.430939

#1	.0332924	.6972375	2.321348	-.004371	.0188175	.0245256
#2	.0339913	.7043721	2.309392	-.004185	.0153099	.0220084
#3	.0337530	.7164507	2.311383	-.006439	.0162541	.0231288

Elem	Sr4077
Units	ppm
Avg	.2556958
Stddev	.0002696
%RSD	.1054348

#1	.2555115
#2	.2560052
#3	.2555707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1541.802	1951.728	35142.93	4774.122	2253.610
Stddev	13.551	3.584	71.20	5.089	1.690
%RSD	.8789221	.1836554	.2026093	.1065982	.0749937

#1	1526.609	1951.793	35068.01	4777.903	2254.188
#2	1552.642	1955.280	35151.07	4776.127	2254.936
#3	1546.154	1948.112	35209.72	4768.335	2251.707

Sample Name: J3963-13LX5 Acquired: 7/28/2018 17:46:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113281	.0011817	.9012462	.0072861	.0159057	.4589651	.0050431
Stddev	.0016300	.0030679	.0033147	.0005475	.0022327	.0370197	.0005268
%RSD	1.464107	259.6108	.3677901	7.514372	14.03739	8.065905	10.44594

#1	.1099914	-.001359	.9020130	.0067376	.0164835	.4371368	.0044537
#2	.1108490	.000314	.8976154	.0072880	.0134409	.5017085	.0054683
#3	.1131439	.004590	.9041104	.0078326	.0177928	.4380500	.0052071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004653	.0062497	398.7372	.0109414	.0220164	.2297406	37.54486
Stddev	.0001625	.0001004	.9829	.0002727	.0000762	.0069325	.20560
%RSD	34.92257	1.606696	.2464910	2.492554	.3462869	3.017521	.5476117

#1	.0003236	.0062935	398.5673	.0111707	.0219966	.2275796	37.46080
#2	.0006427	.0061349	397.8504	.0106398	.0219520	.2374962	37.39461
#3	.0004296	.0063208	399.7940	.0110137	.0221005	.2241461	37.77917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9284208	224.4634	.0244315	.0019185	-.062387	.0751068	.6448715
Stddev	.0057462	1.1191	.0005950	.0005722	.302028	.0018625	.0117474
%RSD	.6189184	.4985570	2.435509	29.82210	484.1207	2.479834	1.821667

#1	.9250801	224.1053	.0237752	.0018248	-.410124	.0754503	.6450481
#2	.9251264	223.5673	.0249358	.0013991	.088459	.0730964	.6565296
#3	.9350559	225.7177	.0245835	.0025318	.134504	.0767737	.6330368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.948116	.2995206	.0363772	.0070430	.0860250	.5042504	-.006859
Stddev	.053057	.0050843	.0005566	.0009063	.0046986	.0030352	.001770
%RSD	5.596042	1.697489	1.530052	12.86780	5.461945	.6019272	25.80531

#1	-.948857	.3053905	.0358393	.0069467	.0806283	.5007744	-.007067
#2	-.894692	.2966797	.0369507	.0061887	.0892071	.5056002	-.008515
#3	-1.00080	.2964916	.0363416	.0079936	.0882394	.5063766	-.004994

Sample Name: J3963-13LX5 Acquired: 7/28/2018 17:46:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0039144	.0024178	.0551821
Stddev	.0012355	.0007160	.0002222
%RSD	31.56264	29.61141	.4026349

#1	.0053378	.0027551	.0549256
#2	.0032858	.0029029	.0553086
#3	.0031196	.0015955	.0553122

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1568.225	1997.263	34468.71	4676.279	2649.041
Stddev	2.295	2.732	133.58	6.440	5.932
%RSD	.1463545	.1367840	.3875424	.1377073	.2239220

#1	1567.528	1997.839	34424.51	4675.309	2652.749
#2	1566.359	1999.660	34362.84	4670.380	2652.175
#3	1570.788	1994.288	34618.79	4683.149	2642.199

Sample Name: J3963-13DLX4 Acquired: 7/28/2018 17:55:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1271162	-.003005	1.146583	.0111573	.0194155	.5547752	.0071841
Stddev	.0025287	.000828	.004779	.0003104	.0018354	.0122258	.0008950
%RSD	1.989249	27.55605	.4168332	2.781784	9.453369	2.203743	12.45797

#1	.1253234	-.003046	1.146570	.0110533	.0207368	.5452612	.0061877
#2	.1300085	-.003813	1.141810	.0115064	.0173197	.5685646	.0079197
#3	.1260166	-.002158	1.151369	.0109124	.0201898	.5504999	.0074451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005474	.0079589	497.7290	.0136340	.0275809	.2946563	46.71591
Stddev	.0000655	.0001000	1.1675	.0003053	.0004906	.0049337	.09841
%RSD	11.96294	1.256234	.2345655	2.238977	1.778728	1.674403	.2106550

#1	.0004775	.0080658	496.8410	.0137180	.0270155	.3001205	46.80346
#2	.0005572	.0079433	499.0514	.0132956	.0278333	.2905284	46.73487
#3	.0006074	.0078676	497.2945	.0138885	.0278938	.2933198	46.60940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152017	281.7250	.0307696	.0017649	-.218763	.0809312	.8027228
Stddev	.003416	.2833	.0003829	.0002811	.045241	.0034735	.0182870
%RSD	.2964991	.1005540	1.244549	15.92549	20.68049	4.291939	2.278116

#1	1.149893	281.4800	.0312036	.0015204	-.181461	.0791761	.8220398
#2	1.150201	282.0352	.0306256	.0020720	-.205741	.0786854	.7856784
#3	1.155957	281.6598	.0304795	.0017023	-.269088	.0849321	.8004501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.00536	.3776669	.0479080	.0089626	.1145047	.6359296	-.006466
Stddev	.04245	.0049042	.0012273	.0005698	.0036773	.0040879	.000575
%RSD	4.222728	1.298554	2.561779	6.357229	3.211471	.6428278	8.890519

#1	-.98344	.3753491	.0487179	.0085634	.1131905	.6371532	-.005860
#2	-.97834	.3743513	.0485102	.0087093	.1116650	.6392661	-.007003
#3	-1.05429	.3833005	.0464959	.0096151	.1186585	.6313696	-.006537

Sample Name: J3963-13DLX4 Acquired: 7/28/2018 17:55:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0051109	.0029084	.0692194
Stddev	.0024795	.0008497	.0002855
%RSD	48.51296	29.21460	.4124159

#1	.0075683	.0035743	.0691716
#2	.0051544	.0031995	.0689609
#3	.0026100	.0019515	.0695258

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.135	1969.841	34267.61	4623.587	2587.058
Stddev	9.900	4.256	116.17	11.929	7.374
%RSD	.6395089	.2160557	.3389967	.2580100	.2850192

#1	1552.256	1965.030	34283.57	4624.800	2579.906
#2	1555.309	1973.113	34374.97	4611.097	2594.635
#3	1536.840	1971.382	34144.29	4634.863	2586.633

Sample Name: J3963-14DLX4 Acquired: 7/28/2018 17:59:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1338865	-.001482	1.181784	.0090193	.0184809	.5555267	.0075177
Stddev	.0011408	.004503	.008488	.0015371	.0007552	.0003233	.0003862
%RSD	.8520912	303.8657	.7182032	17.04173	4.086150	.0581926	5.137639

#1	.1346292	.000424	1.178396	.0075017	.0193464	.5552292	.0071559
#2	.1344575	.001755	1.175514	.0089812	.0179562	.5558707	.0074727
#3	.1325730	-.006624	1.191443	.0105751	.0181401	.5554803	.0079244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006722	.0081710	511.0726	.0136482	.0287137	.3023302	47.90610
Stddev	.0000280	.0001043	.4961	.0004164	.0003251	.0030701	.09160
%RSD	4.162186	1.276393	.0970689	3.051043	1.132349	1.015465	.1911993

#1	.0007037	.0081034	511.6154	.0134118	.0283505	.3016574	47.83550
#2	.0006626	.0081185	510.9599	.0134039	.0289776	.2996523	47.87321
#3	.0006503	.0082912	510.6426	.0141290	.0288130	.3056808	48.00960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182830	288.9123	.0314316	.0021134	-.092732	.0839463	.8294244
Stddev	.001354	.0978	.0002789	.0003518	.199173	.0060128	.0094366
%RSD	.1144566	.0338467	.8874872	16.64469	214.7837	7.162649	1.137724

#1	1.182294	288.9845	.0314473	.0023088	-.270143	.0832029	.8216554
#2	1.181827	288.9514	.0311452	.0017073	.122717	.0783398	.8266922
#3	1.184370	288.8010	.0317025	.0023241	-.130770	.0902962	.8399256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.963279	.3877773	.0491485	.0087657	.1163024	.6454015	-.008351
Stddev	.017309	.0032630	.0014678	.0004918	.0051636	.0038527	.002255
%RSD	1.796926	.8414704	2.986549	5.611034	4.439814	.5969481	27.00597

#1	-.978649	.3864558	.0477315	.0090055	.1129330	.6432106	-.010119
#2	-.944529	.3853822	.0490514	.0090917	.1137269	.6498501	-.009122
#3	-.966661	.3914938	.0506624	.0082000	.1222472	.6431439	-.005811

Sample Name: J3963-14DLX4 Acquired: 7/28/2018 17:59:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0052334	.0042599	.0709883
Stddev	.0021936	.0018075	.0001153
%RSD	41.91579	42.42976	.1623847

#1	.0031766	.0021736	.0708581
#2	.0049816	.0052541	.0710295
#3	.0075421	.0053521	.0710774

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.213	1971.148	34279.49	4639.055	2580.804
Stddev	11.278	1.966	214.54	15.037	2.948
%RSD	.7284447	.0997601	.6258545	.3241348	.1142267

#1	1560.271	1970.608	34493.72	4635.785	2579.202
#2	1537.924	1969.508	34064.65	4625.922	2584.206
#3	1546.445	1973.328	34280.09	4655.457	2579.003

Sample Name: J3963-15DLX4 Acquired: 7/28/2018 18:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1489970	.0278348	1.131442	.0384605	.0720175	1.616804	1.106231
Stddev	.0020255	.0020459	.002890	.0017785	.0010438	.011626	.005230
%RSD	1.359396	7.350006	.2554423	4.624155	1.449406	.7190494	.4728093

#1	.1511070	.0278972	1.129638	.0395488	.0732040	1.625220	1.102545
#2	.1488159	.0257585	1.129912	.0394245	.0716079	1.621653	1.112217
#3	.1470682	.0298488	1.134775	.0364081	.0712406	1.603539	1.103932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272983	.0360102	486.5976	.1232969	.3071871	.4328908	46.22815
Stddev	.0001508	.0002740	1.9170	.0004593	.0007401	.0052544	.29536
%RSD	.5522860	.7607550	.3939673	.3724982	.2409144	1.213792	.6389237

#1	.0272371	.0357293	485.2590	.1236784	.3064733	.4378499	45.92215
#2	.0271879	.0360247	488.7937	.1234252	.3071372	.4334384	46.51157
#3	.0274701	.0362767	485.7401	.1227871	.3079509	.4273840	46.25073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408005	274.8124	.3226094	.0267968	-.046245	.3828926	1.080162
Stddev	.009873	1.6660	.0014671	.0002534	.357588	.0083885	.015920
%RSD	.7012318	.6062341	.4547602	.9457417	773.2414	2.190812	1.473845

#1	1.403198	273.2741	.3215919	.0269334	.326123	.3870637	1.062199
#2	1.419361	276.5820	.3219452	.0265043	-.077911	.3732363	1.092527
#3	1.401455	274.5812	.3242912	.0269525	-.386948	.3883780	1.085759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.04593	.3697895	.0463448	.0086186	.1024955	.6103951	-.007150
Stddev	.08252	.0020457	.0013067	.0003773	.0038944	.0021952	.002278
%RSD	7.889384	.5531985	2.819434	4.377647	3.799611	.3596316	31.86308

#1	-.96039	.3715294	.0454015	.0081936	.1001710	.6088881	-.005048
#2	-1.12504	.3675359	.0478362	.0089139	.1069915	.6129137	-.006830
#3	-1.05237	.3703031	.0457967	.0087485	.1003239	.6093836	-.009571

Sample Name: J3963-15DLX4 Acquired: 7/28/2018 18:03:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0066936	.0038017	.0677169
Stddev	.0021074	.0019876	.0003827
%RSD	31.48464	52.28182	.5651030

#1	.0085166	.0030347	.0678264
#2	.0043861	.0060585	.0680329
#3	.0071781	.0023119	.0672914

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.015	1967.467	34320.38	4634.928	2585.536
Stddev	5.373	5.114	76.11	22.365	10.920
%RSD	.3459632	.2599462	.2217506	.4825284	.4223409

#1	1558.885	1969.729	34407.86	4650.538	2590.018
#2	1548.341	1971.060	34283.95	4644.939	2593.501
#3	1551.818	1961.612	34269.35	4609.306	2573.088

Sample Name: J3963-13LDLX20 Acquired: 7/28/2018 18:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250212	-.002060	.2121542	.0024662	.0019572	.1217429	.0004687
Stddev	.0055452	.002495	.0024363	.0012264	.0016033	.0082970	.0011184
%RSD	22.16184	121.0874	1.148346	49.72751	81.91557	6.815212	238.6173

#1	.0186970	-.003797	.2112509	.0023434	.0037150	.1298342	.0009997
#2	.0290506	.000798	.2149132	.0013059	.0005753	.1221401	-.000816
#3	.0273160	-.003183	.2102987	.0037494	.0015813	.1132544	.001223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001048	.0016425	102.5187	.0036518	.0043806	.0619606	9.871586
Stddev	.0000783	.0000387	.5705	.0005886	.0004463	.0056956	.054842
%RSD	74.70001	2.357275	.5565237	16.11861	10.18913	9.192297	.5555497

#1	.0000782	.0016004	102.1770	.0042450	.0040015	.0659554	9.860074
#2	.0001930	.0016503	102.2016	.0030679	.0042678	.0554387	9.823414
#3	.0000433	.0016767	103.1773	.0036424	.0048726	.0644877	9.931270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2405161	56.58637	.0067875	.0006847	-.470803	.0155266	.1745001
Stddev	.0014978	.55871	.0005344	.0002177	.479920	.0048424	.0093015
%RSD	.6227287	.9873667	7.873447	31.79891	101.9364	31.18779	5.330357

#1	.2400523	56.39156	.0062914	.0004452	-1.01903	.0100998	.1831692
#2	.2393050	56.15114	.0067177	.0007382	-.12665	.0194066	.1646744
#3	.2421908	57.21641	.0073534	.0008708	-.26672	.0170735	.1756566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.603184	.0686300	-.003760	.0014647	-.035323	.1253777	-.006054
Stddev	.042093	.0046124	.000536	.0001960	.005773	.0004807	.001107
%RSD	6.978543	6.720746	14.26412	13.38315	16.34460	.3834291	18.28493

#1	-.615904	.0663437	-.004359	.0014987	-.041583	.1259143	-.007318
#2	-.556198	.0656073	-.003594	.0012538	-.030208	.1252325	-.005582
#3	-.637451	.0739390	-.003326	.0016414	-.034178	.1249863	-.005261

Sample Name: J3963-13LDLX20 Acquired: 7/28/2018 18:07:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D61L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015477	-.001160	.0141998
Stddev	.0014048	.001427	.0000263
%RSD	90.76291	122.9447	.1851481

#1	.0000275	-.001089	.0141903
#2	.0027978	-.002621	.0142295
#3	.0018178	.000229	.0141795

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.656	2033.311	34444.53	4661.141	2765.818
Stddev	1.968	6.057	54.66	17.100	9.990
%RSD	.1231721	.2978925	.1586859	.3668627	.3612099

#1	1598.906	2036.544	34507.44	4669.418	2766.229
#2	1595.388	2037.066	34417.44	4672.526	2775.596
#3	1598.674	2026.324	34408.71	4641.477	2755.628

Sample Name: J3963-03 Acquired: 7/28/2018 18:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2D57S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683235	.0955744	.0944709	.0548652	.1023864	4.551712	2.140687
Stddev	.0010624	.0017199	.0021504	.0038056	.0016421	.021719	.004695
%RSD	1.554954	1.799499	2.276301	6.936269	1.603817	.4771650	.2193325

#1	.0691730	.0945942	.0920232	.0518360	.1025383	4.556226	2.145166
#2	.0671323	.0945688	.0960565	.0591367	.1006736	4.570819	2.141094
#3	.0686653	.0975603	.0953331	.0536229	.1039472	4.528090	2.135802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197216	.0829929	13.10900	.3605459	.6844278	.4025870	1.113078
Stddev	.0002714	.0003886	.04253	.0012989	.0019826	.0019998	.032291
%RSD	.2266602	.4682395	.3244127	.3602627	.2896739	.4967329	2.901077

#1	.1196341	.0830688	13.08291	.3620031	.6858884	.4022751	1.084944
#2	.1195048	.0825719	13.15807	.3601250	.6821708	.4007616	1.148336
#3	.1200259	.0833379	13.08601	.3595097	.6852242	.4047245	1.105954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5597626	11.07154	.7557520	.0896224	11.33463	.7978161	.5278626
Stddev	.0036318	.06849	.0034819	.0003628	.54611	.0055189	.0091807
%RSD	.6488030	.6186266	.4607220	.4048373	4.818060	.6917514	1.739222

#1	.5624294	11.11129	.7573396	.0898479	10.71219	.7949355	.5362525
#2	.5612321	11.11087	.7517592	.0898155	11.73340	.7943335	.5292796
#3	.5556264	10.99245	.7581571	.0892039	11.55830	.8041793	.5180558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.585649	.0034753	-.016919	-.000001	-.077548	-.001844	-.004079
Stddev	.057827	.0031362	.000388	.000346	.007172	.001599	.000271
%RSD	9.874054	90.24213	2.290921	66152.43	9.248415	86.71043	6.634450

#1	-.595474	.0070747	-.016885	-.000088	-.069333	-.003279	-.004313
#2	-.523538	.0013313	-.016550	-.000295	-.082565	-.002132	-.003783
#3	-.637934	.0020198	-.017323	.000381	-.080746	-.000121	-.004142

Sample Name: J3963-03 Acquired: 7/28/2018 18:16:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2D57S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001279	-.002440	.0019029
Stddev	.001096	.001785	.0000632
%RSD	85.64364	73.14439	3.319091

#1	-.000016	-.000953	.0019331
#2	-.001969	-.004420	.0018303
#3	-.001853	-.001949	.0019453

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.174	2068.682	34749.95	4719.709	2823.333
Stddev	12.483	3.017	182.75	20.641	6.784
%RSD	.7685994	.1458287	.5258913	.4373273	.2403009

#1	1638.372	2069.254	34943.06	4738.825	2820.268
#2	1614.922	2071.372	34579.72	4697.823	2831.109
#3	1619.226	2065.420	34727.06	4722.480	2818.621

Sample Name: CCV078 Acquired: 7/28/2018 18:27:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722809	4.755418	23.70883	4.651547	4.691802	406.9193
Stddev	.008025	.018687	.04169	.005688	.014457	.5944
%RSD	.1699153	.3929519	.1758363	.1222834	.3081333	.1460613

#1	4.724506	4.762279	23.75576	4.649237	4.685245	407.6054
#2	4.714072	4.734271	23.67609	4.647378	4.681785	406.5928
#3	4.729850	4.769704	23.69463	4.658027	4.708375	406.5598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.362639	.4611925	2.343596	386.6693	14.61586	2.363558
Stddev	.018710	.0021532	.004167	.4972	.02189	.003881
%RSD	.1998353	.4668741	.1778219	.1285912	.1497938	.1642204

#1	9.372007	.4630735	2.341749	387.0255	14.60807	2.362655
#2	9.341096	.4588440	2.340671	386.1013	14.64058	2.360208
#3	9.374815	.4616600	2.348368	386.8813	14.59893	2.367811

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54589	394.9054	14.07883	381.6365	2.442405	1.140118
Stddev	.01858	.4311	.03166	.7917	.006481	.004289
%RSD	.1277151	.1091767	.2248727	.2074452	.2653329	.3761627

#1	14.54959	394.5986	14.05554	380.7486	2.442782	1.139818
#2	14.52574	394.7193	14.06607	382.2690	2.435744	1.135987
#3	14.56233	395.3983	14.11488	381.8919	2.448688	1.144548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	377.7836	2.518690	14.16246	151.0867	F 5.542863	4.889322
Stddev	.4451	.011329	.09107	.2925	.022940	.039964
%RSD	.1178086	.4497931	.6430560	.1935924	.4138719	.8173808

#1	377.4513	2.514202	14.14377	150.7619	5.521440	4.922131
#2	377.6102	2.531576	14.26142	151.1688	5.540082	4.844813
#3	378.2892	2.510293	14.08217	151.3294	5.567067	4.901021

Sample Name: CCV078 Acquired: 7/28/2018 18:27:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.729209	4.906589	4.633764	4.923052	4.791952	4.887929
Stddev	.012908	.000581	.023331	.011876	.007785	.006349
%RSD	.2729429	.0118441	.5034940	.2412388	.1624639	.1298833

#1	4.728611	4.906173	4.655551	4.926750	4.783802	4.892752
#2	4.716610	4.907253	4.609147	4.909767	4.792743	4.880736
#3	4.742405	4.906340	4.636594	4.932639	4.799312	4.890299

Elem	Sr4077
Units	ppm
Avg	4.840368
Stddev	.005954
%RSD	.1229975

#1	4.833904
#2	4.841576
#3	4.845626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.230	1821.195	33340.04	4523.683	2475.439
Stddev	4.366	3.383	138.22	7.054	3.333
%RSD	.2978040	.1857490	.4145679	.1559271	.1346395

#1	1468.844	1821.520	33483.18	4515.678	2473.951
#2	1461.189	1824.404	33207.34	4526.381	2479.256
#3	1468.656	1817.662	33329.61	4528.988	2473.108

Sample Name: CCB078 Acquired: 7/28/2018 18:30:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000779	.0000609	.0020384	.0010076	-.001005	-.002769	-.000953
Stddev	.001962	.0006913	.0008657	.0008580	.000728	.011752	.000257
%RSD	251.8369	1135.461	42.47016	85.15071	72.47577	424.4527	26.91710

#1	.001482	-.000433	.0029852	.0001094	-.001379	-.015858	-.000745
#2	-.002029	-.000236	.0012872	.0010947	-.001471	.000673	-.001240
#3	-.001790	.000851	.0018429	.0018187	-.000166	.006879	-.000875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000651	-.000018	-.000195	-.000368	-.000221	.0056033	.0123906
Stddev	.0000195	.000045	.014858	.000220	.000290	.0019370	.0083449
%RSD	30.01070	244.4808	7606.961	59.59543	131.3116	34.56812	67.34869

#1	.0000733	-.000002	-.014021	-.000204	-.000037	.0077679	.0028176
#2	.0000428	.000016	-.002082	-.000618	-.000070	.0050083	.0162250
#3	.0000792	-.000069	.015516	-.000284	-.000556	.0040336	.0181291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001594	.0066324	.0003345	.0010596	-.292814	-.002855	-.005540
Stddev	.001362	.0401375	.0004027	.0000611	.324438	.003406	.016790
%RSD	85.45185	605.1731	120.3723	5.762761	110.8000	119.3052	303.0564

#1	-.000908	.0168324	-.000102	.0009912	.020905	.000646	.009188
#2	-.000711	-.037621	.000691	.0011085	-.627002	-.003053	-.001986
#3	-.003162	.040686	.000415	.0010792	-.272346	-.006158	-.023823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332607	-.008393	-.002253	.0000570	-.078035	-.000525	-.001151
Stddev	.042519	.003097	.001040	.0002167	.003804	.000655	.000671
%RSD	12.78365	36.89606	46.15495	380.1952	4.875291	124.6176	58.34490

#1	-.372154	-.008344	-.002646	.0002748	-.074611	-.000986	-.001486
#2	-.287636	-.005321	-.001074	.0000546	-.082131	-.000813	-.001589
#3	-.338030	-.011514	-.003040	-.000158	-.077364	.000224	-.000378

Sample Name: CCB078 Acquired: 7/28/2018 18:30:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000801	.0010554	.0000200
Stddev	.000482	.0021554	.0001268
%RSD	60.08130	204.2271	633.8003

#1	-.001301	.0002102	-.000117
#2	-.000340	-.000549	.000043
#3	-.000764	.003505	.000134

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.260	2063.962	34457.64	4623.717	2771.400
Stddev	8.962	3.997	49.62	80.998	.960
%RSD	.5551923	.1936509	.1440159	1.751791	.0346227

#1	1608.382	2061.072	34443.20	4695.450	2770.701
#2	1624.576	2068.523	34512.88	4535.875	2772.494
#3	1609.824	2062.290	34416.83	4639.825	2771.005

Sample Name: PB111416BL Acquired: 7/28/2018 18:35:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012630	-.000939	.0009178	-.000110	-.000528	-.014282	-.001879
Stddev	.0021816	.001722	.0012655	.000995	.002108	.008960	.000091
%RSD	172.7271	183.4086	137.8883	906.5067	399.1483	62.73896	4.832822

#1	-.001181	-.000438	.0003956	-.000183	-.002009	-.003988	-.001779
#2	.001958	.000477	.0023608	-.001066	.001885	-.020329	-.001956
#3	.003012	-.002856	-.000003	.000920	-.001460	-.018529	-.001901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000121	-.000054	.0082918	.0001360	-.000148	.0038507	.0162269
Stddev	.0000347	.000148	.0127293	.0002380	.000602	.0021048	.0164204
%RSD	288.0890	275.0057	153.5167	175.0224	406.8368	54.65914	101.1925

#1	.0000280	.000116	.0184603	.0003452	-.000814	.0060539	.0041199
#2	.0000359	-.000120	-.005984	-.000123	.000359	.0018606	.0096433
#3	-.000028	-.000157	.012399	.000186	.000011	.0036376	.0349175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001974	-.012440	.0001850	.0008678	-.319456	-.006240	-.021629
Stddev	.000329	.031372	.0003997	.0005085	.134713	.005993	.009552
%RSD	16.65069	252.1813	216.0691	58.59344	42.16932	96.05036	44.16365

#1	-.002029	-.029195	.0000913	.0004707	-.361112	.000632	-.019352
#2	-.001621	-.031878	.0006232	.0006917	-.428421	-.008962	-.032113
#3	-.002271	.023752	-.000160	.0014408	-.168836	-.010388	-.013420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.594963	-.009756	-.009885	.0001517	-.087539	-.001962	-.002195
Stddev	.077690	.003437	.000967	.0004229	.003668	.000488	.001071
%RSD	13.05799	35.22601	9.782108	278.6964	4.189617	24.88854	48.79821

#1	-.510365	-.006966	-.010695	.0001828	-.088927	-.002101	-.003286
#2	-.611412	-.008707	-.010145	-.000286	-.083380	-.001419	-.002155
#3	-.663112	-.013595	-.008815	.000558	-.090310	-.002365	-.001145

Sample Name: PB111416BL Acquired: 7/28/2018 18:35:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002762	-.002239	.0000445
Stddev	.001692	.000449	.0001022
%RSD	61.28285	20.07829	229.5435

#1	-.002436	-.001803	.0001301
#2	-.004593	-.002701	-.000069
#3	-.001256	-.002211	.000072

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.035	2155.327	35987.32	4869.383	2899.432
Stddev	9.046	6.369	76.40	14.675	9.691
%RSD	.5346502	.2955188	.2122985	.3013734	.3342456

#1	1698.623	2155.015	36058.81	4854.725	2894.392
#2	1681.721	2161.847	35906.81	4884.075	2910.605
#3	1695.762	2149.120	35996.36	4869.350	2893.300

Sample Name: PB111416BS Acquired: 7/28/2018 18:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153528	.0447152	.0154907	.0721100	.1163519	.3800838
Stddev	.0017552	.0017653	.0023669	.0015007	.0016212	.0174566
%RSD	11.43243	3.947867	15.27954	2.081147	1.393342	4.592826

#1	.0173650	.0462948	.0153366	.0716824	.1144934	.3883604
#2	.0141370	.0450411	.0132046	.0708695	.1170869	.3918626
#3	.0145564	.0428097	.0179309	.0737781	.1174754	.3600283

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3855029	.0101132	.0104586	9.631122	.0210576	.0964181
Stddev	.0025558	.0001065	.0001482	.067080	.0006953	.0005425
%RSD	.6629814	1.053152	1.416969	.6964941	3.301764	.5626469

#1	.3867607	.0100784	.0106216	9.662713	.0202578	.0959704
#2	.3871860	.0102328	.0103319	9.676575	.0213972	.0962627
#3	.3825619	.0100284	.0104222	9.554079	.0215178	.0970214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457219	.2236459	.0309620	9.336932	.0832013	.0188379
Stddev	.0071729	.0162179	.0010892	.103099	.0004155	.0002632
%RSD	15.68810	7.251594	3.517921	1.104211	.4994380	1.396992

#1	.0413581	.2124017	.0320704	9.401702	.0830559	.0189605
#2	.0540004	.2162990	.0298931	9.391052	.0828781	.0190174
#3	.0418074	.2422370	.0309226	9.218042	.0836701	.0185358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.858100	.1066793	.1010321	8.997746	F .1943513	F .0062460
Stddev	.190974	.0045702	.0073480	.017463	.0028902	.0011189
%RSD	2.155925	4.284046	7.272943	.1940811	1.487117	17.91302

#1	8.816864	.1039625	.1025074	9.017831	.1960657	.0049611
#2	9.066323	.1119557	.1075305	8.986161	.1959738	.0070047
#3	8.691112	.1041196	.0930583	8.989244	.1910144	.0067724

Sample Name: PB111416BS Acquired: 7/28/2018 18:39:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194605	.1129239	.1805055	F .0118045	.0993777	.0893455
Stddev	.0002373	.0043244	.0005994	.0006175	.0025284	.0005737
%RSD	1.219541	3.829435	.3320437	5.230785	2.544248	.6421604

#1	.0192655	.1173178	.1799224	.0114970	.0979239	.0887060
#2	.0197247	.1086726	.1811199	.0114013	.1022973	.0898150
#3	.0193914	.1127813	.1804744	.0125154	.0979120	.0895155

Elem	Sr4077
Units	ppm
Avg	.1999111
Stddev	.0008058
%RSD	.4030576

#1	.2002995
#2	.2004491
#3	.1989847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.338	2070.028	34964.28	4703.175	2843.688
Stddev	4.458	8.406	100.38	34.315	8.868
%RSD	.2733019	.4060581	.2871017	.7296128	.3118477

#1	1635.121	2077.857	34916.76	4703.650	2847.298
#2	1632.471	2071.081	35079.60	4668.625	2850.181
#3	1626.422	2061.145	34896.49	4737.250	2833.584

Sample Name: PB111374BL Acquired: 7/28/2018 18:43:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018640	-.000949	.0003449	-.000538	-.000691	-.008791
Stddev	.0057415	.002251	.0005051	.002641	.000598	.007365
%RSD	308.0238	237.2126	146.4570	491.2829	86.54704	83.77780

#1	-.004295	.001230	-.000040	.001681	-.001376	-.000288
#2	.007068	-.000811	.000917	.000166	-.000421	-.013161
#3	.002818	-.003265	.000158	-.003459	-.000275	-.012925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001446	.0000276	-.000067	-.006701	.0002165	-.000213
Stddev	.001481	.0000732	.000067	.024652	.0001696	.000215
%RSD	102.3845	265.3393	100.2506	367.8659	78.32744	100.7557

#1	-.000808	-.000023	-.000135	.019855	.0004109	-.000045
#2	-.003139	.000111	-.000065	-.028855	.0000990	-.000140
#3	-.000392	-.000005	-.000001	-.011104	.0001396	-.000456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010954	.0089467	-.000616	.0265909	.0002005	.0010752
Stddev	.0078597	.0257796	.001593	.0534770	.0002484	.0001951
%RSD	717.5330	288.1461	258.3781	201.1103	123.8766	18.14276

#1	.0037756	.0377909	-.001370	.0524636	.0002517	.0008642
#2	-.007754	.0008963	-.001693	.0622111	.0004194	.0012490
#3	.007264	-.011847	.001213	-.034902	-.000069	.0011125

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.358554	.0019945	-.009367	-.587003	-.009878	F -.013484
Stddev	.147217	.0014383	.019388	.046571	.002593	.000483
%RSD	41.05861	72.11195	206.9784	7.933612	26.24854	3.579098

#1	-.506181	.0034986	.006053	-.600415	-.012851	-.013075
#2	-.357731	.0006325	-.003022	-.535198	-.008694	-.014016
#3	-.211750	.0018525	-.031133	-.625396	-.008088	-.013361

Sample Name: PB111374BL Acquired: 7/28/2018 18:43:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	-.088510	-.001371	-.002511	.0001673	-.002231
Stddev	.000197	.003576	.001075	.000052	.0007493	.001068
%RSD	79.21149	4.040587	78.43212	2.082967	447.9006	47.88498

#1	-.000461	-.084518	-.002607	-.002543	-.000342	-.000997
#2	-.000215	-.091423	-.000650	-.002450	-.000184	-.002865
#3	-.000071	-.089587	-.000856	-.002538	.001028	-.002829

Elem	Sr4077
Units	ppm
Avg	-.000069
Stddev	.000079
%RSD	113.7355

#1	-.000126
#2	.000021
#3	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.283	2113.107	35209.92	4774.592	2843.729
Stddev	12.804	3.084	198.59	13.632	.411
%RSD	.7721282	.1459342	.5640203	.2855190	.0144558

#1	1644.142	2112.823	34980.71	4773.000	2843.496
#2	1669.091	2116.322	35318.60	4788.950	2844.204
#3	1661.616	2110.175	35330.45	4761.825	2843.487

Sample Name: PB111374BS Acquired: 7/28/2018 18:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184173	.0491321	.0164764	.0705204	.1159177	.3825753
Stddev	.0035450	.0018151	.0015112	.0009761	.0015804	.0109618
%RSD	19.24831	3.694374	9.171692	1.384213	1.363413	2.865258

#1	.0167525	.0511352	.0151202	.0703015	.1159350	.3796810
#2	.0160112	.0486646	.0162036	.0715874	.1174894	.3733511
#3	.0224884	.0475964	.0181053	.0696723	.1143286	.3946938

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3882404	.0101805	.0105550	9.746060	.0215212	.0973077
Stddev	.0006350	.0000060	.0000274	.071629	.0003520	.0002638
%RSD	.1635678	.0593776	.2599428	.7349554	1.635415	.2710888

#1	.3883653	.0101748	.0105830	9.730662	.0215830	.0975399
#2	.3875522	.0101868	.0105282	9.683382	.0218382	.0970209
#3	.3888037	.0101800	.0105538	9.824136	.0211425	.0973625

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526543	.2087431	.0300885	9.425697	.0838451	.0190950
Stddev	.0034469	.0262210	.0003797	.107104	.0001485	.0003642
%RSD	6.546195	12.56137	1.262069	1.136296	.1771117	1.907489

#1	.0487107	.1891036	.0305079	9.307702	.0840139	.0194637
#2	.0541605	.1986064	.0299895	9.516775	.0837345	.0187355
#3	.0550916	.2385193	.0297681	9.452613	.0837870	.0190857

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.062182	.1061391	.1103090	9.070200	F .2003444	F .0030148
Stddev	.190832	.0097770	.0038310	.118677	.0010893	.0001978
%RSD	2.105803	9.211476	3.472922	1.308430	.5436933	6.560580

#1	8.992413	.0999336	.1105353	8.978181	.1992327	.0032138
#2	9.278080	.1010743	.1063699	9.028267	.2014098	.0030122
#3	8.916053	.1174093	.1140218	9.204151	.2003908	.0028182

Sample Name: PB111374BS Acquired: 7/28/2018 18:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193915	.1046981	.1816843	F .0103038	.1005936	.0911790
Stddev	.0002001	.0078513	.0019866	.0011775	.0009322	.0013651
%RSD	1.032116	7.499014	1.093444	11.42772	.9267320	1.497206

#1	.0191873	.1116065	.1829667	.0096316	.1007220	.0916279
#2	.0195874	.0961597	.1793960	.0116634	.0996038	.0896460
#3	.0193999	.1063282	.1826904	.0096163	.1014550	.0922632

Elem	Sr4077
Units	ppm
Avg	.2025829
Stddev	.0005034
%RSD	.2484942

#1	.2031038
#2	.2020990
#3	.2025458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1600.397	2049.972	34176.14	4645.067	2815.363
Stddev	3.405	7.080	68.03	10.449	8.199
%RSD	.2127402	.3453922	.1990581	.2249475	.2912318

#1	1601.628	2048.442	34252.65	4635.050	2811.861
#2	1603.015	2057.693	34153.32	4655.900	2824.731
#3	1596.548	2043.782	34122.45	4644.250	2809.496

Sample Name: PB111374TB Acquired: 7/28/2018 18:56:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048704	.0011175	.0026740	.0002034	-.003532	-.005334
Stddev	.0019995	.0032872	.0009533	.0001566	.000582	.013006
%RSD	41.05424	294.1719	35.65245	76.97599	16.47469	243.8347

#1	.0054898	.0044597	.0028232	.0003825	-.003066	-.000730
#2	.0064869	.0010045	.0016548	.0001351	-.003345	-.020016
#3	.0026345	-.002112	.0035439	.0000926	-.004184	.004744

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001093	.0001199	-.000179	.0059140	.0009383	.0000079
Stddev	.000371	.0000591	.000016	.0125730	.0004018	.0003649
%RSD	33.90713	49.29756	8.880145	212.5976	42.81857	4616.814

#1	-.000839	.0000519	-.000161	-.000579	.0006685	.0003953
#2	-.000922	.0001586	-.000184	.020406	.0014000	-.000042
#3	-.001518	.0001494	-.000192	-.002085	.0007463	-.000329

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030589	.0199653	-.002178	.0126778	.0108019	.0012522
Stddev	.0055513	.0188898	.000345	.0665423	.0003442	.0001042
%RSD	181.4808	94.61294	15.82381	524.8707	3.186672	8.321497

#1	.0061469	-.001772	-.002294	-.037960	.0104121	.0011922
#2	.0063795	.032394	-.001790	.088044	.0110640	.0013726
#3	-.003350	.029274	-.002449	-.012051	.0109297	.0011920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1596.445	-.000424	.0018449	-3.34388	.0078940	F -.016409
Stddev	1.080	.008789	.0126301	.07044	.0029709	.001582
%RSD	.0676300	2071.370	684.6106	2.106569	37.63416	9.642971

#1	1597.013	-.008111	.0120470	-3.36978	.0065869	-.015514
#2	1597.122	.009157	-.012282	-3.39770	.0058009	-.015477
#3	1595.200	-.002319	.005769	-3.26415	.0112944	-.018236

Sample Name: PB111374TB Acquired: 7/28/2018 18:56:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000668	-.041293	.0004523	.0037415	-.000841	-.003966
Stddev	.000317	.004283	.0006796	.0001374	.003896	.001982
%RSD	47.43861	10.37199	150.2345	3.672363	463.0565	49.98356

#1	-.000483	-.037863	.0001225	.0038010	-.005263	-.005979
#2	-.001034	-.039923	.0000006	.0038391	.002087	-.003903
#3	-.000488	-.046093	.0012339	.0035844	.000652	-.002016

Elem	Sr4077
Units	ppm
Avg	-.000027
Stddev	.000054
%RSD	201.0369

#1	.000018
#2	-.000011
#3	-.000088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.285	2079.699	35871.16	4801.309	2689.547
Stddev	25.587	4.560	178.65	7.047	3.807
%RSD	1.528262	.2192537	.4980292	.1467687	.1415544

#1	1689.499	2084.807	35926.83	4806.174	2693.911
#2	1644.743	2078.250	35671.30	4793.228	2687.831
#3	1688.612	2076.040	36015.34	4804.525	2686.901

Sample Name: J4077-05 Acquired: 7/28/2018 19:00:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186581	-.012309	.0279902	.0174534	.0000545	52.19365	.0935435
Stddev	.0055620	.003261	.0019190	.0027031	.0025649	.18502	.0004968
%RSD	29.81026	26.49441	6.856100	15.48734	4710.766	.3544934	.5311282

#1	.0232051	-.009815	.0268890	.0165911	-.002414	51.99347	.0933017
#2	.0124565	-.011112	.0302062	.0152868	-.000129	52.22910	.0932139
#3	.0203126	-.015999	.0268756	.0204825	.002706	52.35839	.0941149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015732	.0014146	32.34108	.1790978	.0354155	.0662941	111.7584
Stddev	.0000336	.0001254	.10804	.0015528	.0001478	.0035967	.3306
%RSD	2.138786	8.867442	.3340598	.8670380	.4172185	5.425324	.2958052

#1	.0015904	.0013182	32.21740	.1802524	.0352899	.0658457	111.4033
#2	.0015947	.0015564	32.38874	.1773324	.0353785	.0700940	112.0573
#3	.0015344	.0013690	32.41708	.1797086	.0355783	.0629428	111.8146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190039	32.69167	.2041983	.0022432	29.95923	.2241839	.2026809
Stddev	.002511	.11647	.0015302	.0002022	.20863	.0018570	.0142360
%RSD	.2109987	.3562703	.7493662	9.013044	.6963651	.8283339	7.023831

#1	1.187528	32.58153	.2051373	.0023014	30.13910	.2236888	.1869695
#2	1.190040	32.67991	.2024325	.0020183	29.73052	.2226246	.2063500
#3	1.192549	32.81358	.2050249	.0024099	30.00807	.2262383	.2147232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.759141	2.489966	.1828605	.0196760	40.16200	6.067874	.1597317
Stddev	.094348	.008563	.0018164	.0000643	.15958	.071851	.0012561
%RSD	1.982468	.3439000	.9933490	.3269992	.3973415	1.184114	.7863619

#1	4.825023	2.484380	.1827012	.0196018	40.17375	5.994216	.1588006
#2	4.651058	2.485692	.1847513	.0197096	39.99687	6.071638	.1592340
#3	4.801342	2.499824	.1811289	.0197166	40.31538	6.137769	.1611603

Sample Name: J4077-05 Acquired: 7/28/2018 19:00:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.964153	.0747690	.2162666
Stddev	.017538	.0005868	.0006763
%RSD	.4424176	.7847564	.3127142

#1	3.958619	.0743773	.2155670
#2	3.983791	.0754436	.2169169
#3	3.950050	.0744860	.2163158

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.468	2122.784	36023.63	4919.476	2810.902
Stddev	10.999	2.364	147.12	35.970	7.294
%RSD	.6608231	.1113586	.4083864	.7311653	.2594979

#1	1675.439	2123.490	36115.02	4950.435	2813.478
#2	1653.441	2124.714	35853.92	4927.976	2816.560
#3	1664.524	2120.147	36101.95	4880.018	2802.670

Sample Name: J4077-06 Acquired: 7/28/2018 19:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146734	-.014031	.0282081	.0152277	.0023095	52.56727	.0940386
Stddev	.0021247	.001537	.0023255	.0017301	.0015506	.16615	.0011784
%RSD	14.48003	10.95194	8.244179	11.36173	67.13968	.3160689	1.253085

#1	.0141110	-.012333	.0256508	.0169120	.0033945	52.75165	.0953942
#2	.0170227	-.015326	.0301961	.0153159	.0005335	52.42917	.0932589
#3	.0128864	-.014435	.0287775	.0134552	.0030004	52.52100	.0934627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015747	.0012598	32.44340	.1806941	.0359696	.0591535	112.3822
Stddev	.0000737	.0001137	.09540	.0006072	.0003033	.0021869	.5296
%RSD	4.681764	9.028747	.2940524	.3360312	.8431712	3.696983	.4712633

#1	.0015999	.0013866	32.53718	.1812266	.0356891	.0571685	112.8347
#2	.0016326	.0012260	32.34645	.1800329	.0359282	.0587940	111.7997
#3	.0014917	.0011668	32.44656	.1808227	.0362914	.0614978	112.5122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.198549	32.91108	.2056040	.0025651	30.21953	.2194992	.1907701
Stddev	.007226	.26823	.0012239	.0004285	.26934	.0138280	.0148790
%RSD	.6029023	.8150181	.5952603	16.70496	.8912827	6.299802	7.799431

#1	1.206830	32.93229	.2044618	.0022200	30.35301	.2351607	.2078961
#2	1.193522	32.63287	.2054545	.0024305	30.39605	.2089755	.1810205
#3	1.195297	33.16807	.2068958	.0030447	29.90951	.2143615	.1833937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.775370	2.493972	.1828835	.0190941	40.38348	6.089593	.1655388
Stddev	.113401	.027018	.0010340	.0004867	.27047	.027748	.0007296
%RSD	2.374703	1.083313	.5654001	2.549028	.6697575	.4556649	.4407244

#1	4.838822	2.481657	.1833425	.0196545	40.24056	6.095346	.1649883
#2	4.644446	2.475307	.1836085	.0188501	40.21444	6.114014	.1652619
#3	4.842841	2.524954	.1816994	.0187776	40.69542	6.059420	.1663663

Sample Name: J4077-06 Acquired: 7/28/2018 19:04:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.975762	.0710588	.2164491
Stddev	.035266	.0006573	.0005620
%RSD	.8870158	.9250476	.2596302

#1	4.012201	.0712336	.2166885
#2	3.941801	.0716111	.2158070
#3	3.973283	.0703318	.2168517

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.035	2117.734	36055.50	4894.675	2802.920
Stddev	3.573	5.774	77.30	16.810	13.174
%RSD	.2137117	.2726273	.2143984	.3434266	.4700065

#1	1668.885	2124.369	36037.28	4875.598	2815.351
#2	1675.918	2114.987	36140.28	4901.111	2804.297
#3	1671.302	2113.848	35988.93	4907.315	2789.112

Sample Name: J4077-07 Acquired: 7/28/2018 19:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005349	.0977036	.0649604	.1176806	.2188908	55.31499	4.700861
Stddev	.0032624	.0030790	.0020700	.0020276	.0015298	.04858	.009390
%RSD	3.245083	3.151422	3.186504	1.722938	.6988876	.0878261	.1997575

#1	.1008088	.0943189	.0639963	.1159909	.2202983	55.36920	4.690029
#2	.0971441	.0984536	.0635483	.1171220	.2172627	55.30038	4.706692
#3	.1036517	.1003384	.0673366	.1199289	.2191115	55.27539	4.705863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107682	.1212934	31.34677	.6482773	1.210678	.6500995	111.5666
Stddev	.0011472	.0005691	.05294	.0026367	.004895	.0011876	.1628
%RSD	1.035689	.4691653	.1688979	.4067307	.4043191	.1826865	.1458971

#1	.1120466	.1208775	31.30713	.6508188	1.206849	.6512052	111.4076
#2	.1104298	.1210608	31.32628	.6455547	1.208993	.6488441	111.7329
#3	.1098283	.1219419	31.40690	.6484586	1.216193	.6502493	111.5591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.346765	31.92328	1.426961	.1027627	29.47817	1.478749	1.327404
Stddev	.006261	.08969	.009187	.0009615	.23537	.010203	.052985
%RSD	.2667883	.2809406	.6437979	.9356185	.7984718	.6899920	3.991604

#1	2.340456	32.01082	1.421968	.1024199	29.22848	1.489309	1.314163
#2	2.346861	31.92741	1.421353	.1020196	29.69598	1.477994	1.282295
#3	2.352977	31.83160	1.437563	.1038486	29.51004	1.468944	1.385753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.510475	2.414003	.1816745	.0182302	38.71360	5.967369	.1616242
Stddev	.059693	.011584	.0008293	.0003083	.13473	.046037	.0012511
%RSD	1.323432	.4798517	.4564828	1.691334	.3480058	.7714736	.7740794

#1	4.444071	2.404890	.1814509	.0185858	38.62223	6.020301	.1616630
#2	4.527674	2.410079	.1809800	.0180379	38.65024	5.945143	.1603542
#3	4.559681	2.427038	.1825927	.0180669	38.86832	5.936661	.1628555

Sample Name: J4077-07 Acquired: 7/28/2018 19:08:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.829243	.0701678	.2091766
Stddev	.003300	.0009661	.0001024
%RSD	.0861741	1.376784	.0489745

#1	3.830923	.0690557	.2092025
#2	3.825442	.0707989	.2090638
#3	3.831366	.0706489	.2092637

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.362	2132.229	36260.19	4935.848	2838.088
Stddev	15.272	7.077	90.64	27.414	10.759
%RSD	.9099298	.3319111	.2499773	.5554029	.3790833

#1	1670.672	2133.625	36258.92	4915.621	2843.780
#2	1695.951	2138.505	36351.46	4924.875	2844.804
#3	1668.464	2124.558	36170.19	4967.049	2825.679

Sample Name: J4077-05LX5 Acquired: 7/28/2018 19:12:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041306	-.001893	.0069785	.0034866	-.000264	10.93729	.0190787
Stddev	.0018609	.002206	.0005207	.0007490	.001613	.00492	.0006472
%RSD	45.05123	116.5386	7.460822	21.48216	610.1813	.0449560	3.392228

#1	.0024250	-.000222	.0064206	.0028458	-.001508	10.93457	.0183708
#2	.0061153	-.001064	.0070634	.0043100	-.000843	10.94297	.0192256
#3	.0038517	-.004394	.0074515	.0033038	.001559	10.93434	.0196399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003323	.0002822	6.754979	.0391347	.0067751	.0139873	23.45033
Stddev	.0000247	.0000767	.015386	.0006902	.0003398	.0009016	.11814
%RSD	7.438259	27.15744	.2277733	1.763685	5.015573	6.445744	.5037897

#1	.0003442	.0003354	6.742770	.0398859	.0066848	.0129692	23.50204
#2	.0003039	.0001944	6.772261	.0389896	.0071509	.0146848	23.53380
#3	.0003489	.0003170	6.749905	.0385285	.0064896	.0143080	23.31515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2483703	6.868562	.0431602	.0014134	6.285901	.0445754	.0371303
Stddev	.0014622	.065407	.0005231	.0007245	.176829	.0078094	.0057530
%RSD	.5887269	.9522671	1.212075	51.25637	2.813106	17.51958	15.49398

#1	.2467278	6.816952	.0435091	.0017618	6.110988	.0470344	.0362622
#2	.2495304	6.942120	.0425587	.0005806	6.464586	.0508594	.0432679
#3	.2488525	6.846612	.0434128	.0018980	6.282127	.0358325	.0318607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5768442	.5224576	.0267314	.0041097	8.517627	1.305034	.0331391
Stddev	.1210866	.0030964	.0007466	.0002027	.054227	.005689	.0007204
%RSD	20.99122	.5926554	2.793118	4.931689	.6366403	.4359626	2.173795

#1	.6856140	.5192857	.0258749	.0042481	8.517594	1.298675	.0334646
#2	.5985435	.5226148	.0272448	.0042039	8.463417	1.309642	.0323134
#3	.4463750	.5254724	.0270745	.0038771	8.571870	1.306785	.0336393

Sample Name: J4077-05LX5 Acquired: 7/28/2018 19:12:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8255076	.0152490	.0448740
Stddev	.0015394	.0011939	.0002636
%RSD	.1864737	7.829251	.5875098

#1	.8240072	.0138761	.0451149
#2	.8254326	.0160432	.0445924
#3	.8270831	.0158278	.0449149

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.158	2072.276	34705.06	4751.800	2805.179
Stddev	12.940	4.551	124.36	10.822	11.461
%RSD	.7962125	.2196256	.3583280	.2277537	.4085728

#1	1610.328	2070.680	34561.78	4748.550	2804.521
#2	1634.148	2077.410	34768.42	4742.975	2816.955
#3	1630.999	2068.737	34784.97	4763.875	2794.061

Sample Name: J4075-05 Acquired: 7/28/2018 19:16:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157223	-.000831	.0055674	-.000445	-.000511	.2344447
Stddev	.0036618	.003221	.0012178	.001706	.001409	.0148881
%RSD	23.29025	387.7641	21.87286	383.4594	275.8618	6.350383

#1	.0130136	.002825	.0050032	-.002122	-.001943	.2405135
#2	.0142649	-.002067	.0069649	-.000502	-.000463	.2453400
#3	.0198883	-.003251	.0047340	.001289	.000874	.2174808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2934673	.0003314	.0028348	294.7687	.0021679	.0038161
Stddev	.0013753	.0000306	.0001552	.6724	.0001281	.0002061
%RSD	.4686279	9.221908	5.476087	.2281269	5.908907	5.400160

#1	.2923730	.0003664	.0026918	295.2004	.0020699	.0035848
#2	.2930178	.0003173	.0028126	293.9939	.0023129	.0038832
#3	.2950110	.0003103	.0029999	295.1118	.0021210	.0039802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002411	.3428473	.1350364	31.81393	.0374645	.0013574
Stddev	.004173	.0140958	.0022919	.10463	.0008263	.0001221
%RSD	173.0630	4.111393	1.697278	.3288812	2.205497	8.996187

#1	.001662	.3575359	.1328551	31.93211	.0368101	.0012905
#2	-.006678	.3415754	.1348290	31.73310	.0383930	.0012834
#3	-.002218	.3294305	.1374249	31.77659	.0371903	.0014984

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1860.779	.0067913	.3693906	24.00770	.0328671	.3837536
Stddev	3.246	.0027540	.0279504	.10169	.0031619	.0042542
%RSD	.1744225	40.55115	7.566631	.4235664	9.620286	1.108580

#1	1862.445	.0097294	.3621874	24.06358	.0353028	.3809347
#2	1857.038	.0042687	.3457469	24.06920	.0340046	.3816791
#3	1862.853	.0063759	.4002377	23.89033	.0292938	.3886471

Sample Name: J4075-05 Acquired: 7/28/2018 19:16:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167889	28.73165	2.358628	.0036183	-.006144	.0299967
Stddev	.0003482	.07287	.033283	.0005760	.003345	.0010808
%RSD	2.074122	.2536337	1.411127	15.91936	54.43397	3.603071

#1	.0165500	28.66402	2.363064	.0039559	-.007594	.0291242
#2	.0166283	28.72211	2.323350	.0029532	-.002319	.0296602
#3	.0171885	28.80883	2.389471	.0039458	-.008519	.0312058

Elem	Sr4077
Units	ppm
Avg	2.565576
Stddev	.002957
%RSD	.1152410

#1	2.566218
#2	2.562351
#3	2.568159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.415	1995.704	35079.70	4743.914	2544.670
Stddev	3.095	8.695	43.78	16.304	8.670
%RSD	.1928898	.4357093	.1247892	.3436749	.3407268

#1	1606.743	2004.510	35111.69	4725.219	2551.309
#2	1605.598	1995.479	35029.81	4755.179	2547.841
#3	1600.903	1987.123	35097.61	4751.345	2534.861

Sample Name: J4075-06 Acquired: 7/28/2018 19:21:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128924	.0030446	.0054846	-.000746	-.000521	.2464478
Stddev	.0027345	.0012984	.0010979	.003692	.001135	.0124520
%RSD	21.21006	42.64634	20.01732	494.9784	217.7086	5.052582

#1	.0097733	.0038380	.0063205	-.005002	-.001756	.2321276
#2	.0148774	.0015462	.0042413	.001600	.000477	.2524894
#3	.0140264	.0037496	.0058921	.001164	-.000285	.2547264

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2930636	.0003369	.0028311	294.0481	.0027197	.0039800
Stddev	.0006304	.0001192	.0000823	.8250	.0004558	.0002276
%RSD	.2150906	35.36690	2.908877	.2805709	16.76103	5.717996

#1	.2933919	.0004504	.0028633	293.3248	.0032226	.0042337
#2	.2934621	.0002128	.0027375	294.9467	.0026029	.0037938
#3	.2923369	.0003476	.0028924	293.8727	.0023336	.0039126

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003906	.3371469	.1341999	31.60540	.0372831	.0016303
Stddev	.0035255	.0234129	.0004585	.15751	.0004584	.0004708
%RSD	902.5962	6.944437	.3416642	.4983772	1.229403	28.88191

#1	.0004673	.3159109	.1341250	31.58276	.0375385	.0019415
#2	-.003173	.3332756	.1337834	31.77300	.0375568	.0018607
#3	.003877	.3622542	.1346912	31.46042	.0367539	.0010886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1851.735	.0060247	.3671486	24.27135	.0347331	.3829797
Stddev	5.595	.0050908	.0134989	.04628	.0008783	.0010209
%RSD	.3021613	84.49840	3.676675	.1906767	2.528807	.2665614

#1	1847.845	.0118424	.3820615	24.25689	.0353941	.3840538
#2	1858.147	.0038451	.3636193	24.32314	.0337364	.3820220
#3	1849.212	.0023867	.3557649	24.23403	.0350686	.3828632

Sample Name: J4075-06 Acquired: 7/28/2018 19:21:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166853	28.72059	2.345640	.0008058	-.007375	.0295917
Stddev	.0002676	.07603	.002689	.0014294	.000403	.0013316
%RSD	1.603997	.2647313	.1146505	177.3982	5.458658	4.500018

#1	.0168475	28.70653	2.345235	.0005114	-.007376	.0304160
#2	.0163764	28.65257	2.343176	-.000454	-.006972	.0280555
#3	.0168320	28.80267	2.348509	.002359	-.007778	.0303037

Elem	Sr4077
Units	ppm
Avg	2.574334
Stddev	.007939
%RSD	.3083870

#1	2.567856
#2	2.583190
#3	2.571956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.005	1993.711	34988.42	4754.206	2544.288
Stddev	1.231	2.391	70.73	32.945	3.855
%RSD	.0768341	.1199149	.2021504	.6929558	.1514988

#1	1601.195	1996.463	34921.41	4725.244	2547.893
#2	1603.422	1992.142	34981.49	4747.327	2540.225
#3	1601.399	1992.529	35062.36	4790.047	2544.746

Sample Name: J4075-07 Acquired: 7/28/2018 19:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529916	.0508549	.0233534	.0566396	.0997197	2.371871
Stddev	.0050124	.0006232	.0013507	.0010868	.0005248	.009135
%RSD	9.458832	1.225526	5.783554	1.918817	.5262916	.3851299

#1	.0554554	.0505749	.0219469	.0578566	.0991286	2.370139
#2	.0472241	.0504208	.0234732	.0557660	.0998994	2.381747
#3	.0562952	.0515691	.0246402	.0562962	.1001311	2.363726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429689	.0521496	.0599335	291.6024	.2166631	.5548144
Stddev	.004663	.0002870	.0001949	.4736	.0008715	.0007165
%RSD	.1919149	.5503524	.3252213	.1624269	.4022315	.1291440

#1	2.434276	.0524791	.0601098	292.1385	.2176308	.5545160
#2	2.429837	.0519545	.0597241	291.4280	.2159400	.5542954
#3	2.424953	.0520152	.0599665	291.2406	.2164186	.5556319

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2823632	1.436083	.6804406	31.39087	.6059187	.0525476
Stddev	.0081657	.022790	.0030456	.24097	.0020984	.0003681
%RSD	2.891915	1.586955	.4475864	.7676427	.3463135	.7004328

#1	.2813109	1.460667	.6823638	31.65932	.6047601	.0528667
#2	.2910040	1.415661	.6769293	31.32003	.6046550	.0526312
#3	.2747746	1.431921	.6820288	31.19326	.6083409	.0521449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1839.239	.6096484	.9200120	24.15679	.0398533	.3819283
Stddev	5.613	.0034617	.0042809	.12574	.0022844	.0040448
%RSD	.3051619	.5678138	.4653117	.5205260	5.731912	1.059058

#1	1845.598	.6113722	.9157295	24.29560	.0424691	.3852240
#2	1834.976	.6119097	.9242913	24.05051	.0388400	.3774143
#3	1837.143	.6056632	.9200153	24.12425	.0382509	.3831465

Sample Name: J4075-07 Acquired: 7/28/2018 19:25:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164770	28.52671	2.316262	.0018003	-.008099	.0309392
Stddev	.0002662	.11356	.021555	.0023353	.001158	.0003641
%RSD	1.615690	.3980798	.9305747	129.7142	14.29230	1.176880

#1	.0162160	28.54795	2.334003	.0040491	-.008300	.0305239
#2	.0167482	28.40403	2.292274	-.000613	-.009143	.0310899
#3	.0164670	28.62814	2.322509	.001965	-.006854	.0312038

Elem	Sr4077
Units	ppm
Avg	2.556123
Stddev	.003493
%RSD	.1366356

#1	2.552090
#2	2.558180
#3	2.558098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.335	1983.487	34773.74	4729.099	2532.368
Stddev	10.356	8.360	117.57	32.423	8.727
%RSD	.6507537	.4214658	.3381052	.6856154	.3446330

#1	1588.098	1987.642	34669.62	4695.135	2534.971
#2	1602.922	1988.955	34901.25	4759.723	2539.498
#3	1582.984	1973.864	34750.35	4732.439	2522.636

Sample Name: J4075-05LX5 Acquired: 7/28/2018 19:29:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032091	.0010123	.0024649	-.002135	-.001705	.0490335	.0571762
Stddev	.0042646	.0014311	.0007337	.002302	.000811	.0069185	.0008458
%RSD	132.8926	141.3648	29.76634	107.8411	47.53145	14.10979	1.479356

#1	.0062499	.0025491	.0016205	-.001047	-.000949	.0540149	.0565257
#2	.0050429	-.000282	.0029475	-.000578	-.002561	.0411340	.0581324
#3	-.001666	.000770	.0028266	-.004780	-.001606	.0519517	.0568704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001060	.0004553	58.00206	.0008951	-.000022	.0024055	.0919700
Stddev	.0000434	.0001511	.20356	.0004319	.000204	.0026147	.0144533
%RSD	40.97477	33.17209	.3509605	48.25214	927.3927	108.6980	15.71524

#1	.0001425	.0005903	57.99383	.0006172	-.000030	.0047862	.1086035
#2	.0000580	.0002922	57.80274	.0006754	-.000222	.0028231	.0848334
#3	.0001175	.0004835	58.20962	.0013927	.000186	-.000393	.0824730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0265289	6.247995	.0076982	.0009526	355.7743	.0100129	.0712214
Stddev	.0003176	.023174	.0006416	.0001944	1.3541	.0090645	.0014650
%RSD	1.197081	.3709058	8.334243	20.40250	.3806123	90.52792	2.057020

#1	.0261647	6.251061	.0083494	.0011011	354.2672	.0177106	.0725895
#2	.0266734	6.223440	.0070667	.0010241	356.1669	.0123060	.0713989
#3	.0267485	6.269483	.0076785	.0007326	356.8887	.0000221	.0696756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.431856	-.000934	.0599833	.0033129	5.301489	.4583795	-.001353
Stddev	.040271	.002037	.0009078	.0002482	.039217	.0084166	.000944
%RSD	.9086728	218.2104	1.513421	7.493213	.7397301	1.836155	69.79336

#1	4.389912	-.002018	.0603529	.0030382	5.336775	.4680836	-.000270
#2	4.470214	.001416	.0606479	.0035213	5.308425	.4539859	-.002003
#3	4.435442	-.002199	.0589489	.0033792	5.259267	.4530688	-.001785

Sample Name: J4075-05LX5 Acquired: 7/28/2018 19:29:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001354	.0209996	.5093779
Stddev	.0021130	.0019619	.0009343
%RSD	1561.113	9.342655	.1834230

#1	.0016424	.0227269	.5088617
#2	.0010435	.0214054	.5088155
#3	-.002280	.0188665	.5104564

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.128	2041.906	35357.71	4769.077	2809.314
Stddev	12.626	5.411	157.42	20.164	13.112
%RSD	.7759807	.2649744	.4452163	.4228142	.4667496

#1	1617.119	2037.862	35215.58	4786.925	2797.536
#2	1622.951	2039.805	35526.91	4747.203	2806.963
#3	1641.313	2048.052	35330.64	4773.101	2823.443

Sample Name: J4077-01 Acquired: 7/28/2018 19:33:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133001	-.009146	.0298864	.0137108	.0028718	52.14977	.0832519
Stddev	.0046687	.003474	.0028112	.0017928	.0005082	.18304	.0004305
%RSD	35.10261	37.98079	9.406440	13.07565	17.69538	.3509892	.5171605

#1	.0090019	-.011244	.0331208	.0135164	.0025915	52.32900	.0832123
#2	.0182671	-.011057	.0285074	.0155928	.0025654	52.15717	.0837009
#3	.0126311	-.005136	.0280309	.0120231	.0034584	51.96314	.0828425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015774	.0005872	82.91629	.1960199	.0380609	.0690329	101.1259
Stddev	.0000694	.0000689	.08614	.0005741	.0003075	.0010499	.3888
%RSD	4.396538	11.72646	.1038896	.2928848	.8079688	1.520873	.3844822

#1	.0016329	.0005175	82.83067	.1953678	.0384128	.0690830	100.9471
#2	.0015997	.0005889	82.91526	.1962428	.0379261	.0700569	100.8586
#3	.0014996	.0006552	83.00294	.1964492	.0378438	.0679589	101.5719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.133417	32.36083	.2101529	.0027818	33.03334	.2513788	.2271222
Stddev	.005801	.13629	.0008805	.0000780	.13216	.0034812	.0140352
%RSD	.5118390	.4211665	.4189847	2.804323	.4000668	1.384825	6.179599

#1	1.132831	32.26202	.2098913	.0027407	32.89886	.2474535	.2360575
#2	1.127930	32.30416	.2094328	.0027329	33.16305	.2540913	.2109452
#3	1.139488	32.51632	.2111346	.0028718	33.03812	.2525918	.2343639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.827552	2.464361	.1665929	.0072737	17.30153	7.635691	.0054822
Stddev	.044027	.001297	.0007952	.0002601	.02280	.046340	.0011848
%RSD	.9119854	.0526346	.4773123	3.575545	.1317689	.6068805	21.61148

#1	4.873255	2.463834	.1660188	.0072564	17.32575	7.683831	.0046429
#2	4.823981	2.463410	.1675005	.0075420	17.28049	7.591391	.0068375
#3	4.785420	2.465838	.1662594	.0070227	17.29835	7.631851	.0049663

Sample Name: J4077-01 Acquired: 7/28/2018 19:33:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.064455	.0715021	.7665400
Stddev	.008805	.0012402	.0010095
%RSD	.2166362	1.734472	.1316900

#1	4.054391	.0728888	.7659358
#2	4.068240	.0711185	.7659788
#3	4.070735	.0704991	.7677054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.151	2116.961	35957.20	4864.780	2807.461
Stddev	15.851	3.315	191.58	18.429	3.775
%RSD	.9542040	.1566055	.5328114	.3788284	.1344663

#1	1657.094	2114.287	36118.73	4846.990	2804.683
#2	1647.723	2120.671	35745.53	4883.788	2811.759
#3	1678.636	2115.926	36007.34	4863.564	2805.940

Sample Name: J4077-02 Acquired: 7/28/2018 19:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151726	-.010876	.0405751	.0187178	.0011128	62.87885	.1211091
Stddev	.0048495	.001950	.0008424	.0021050	.0007236	.18677	.0003578
%RSD	31.96242	17.92495	2.076097	11.24624	65.02766	.2970290	.2954236

#1	.0159055	-.012295	.0410812	.0211373	.0005582	62.97478	.1210538
#2	.0196140	-.008653	.0410415	.0177103	.0019313	62.99816	.1207823
#3	.0099984	-.011680	.0396027	.0173059	.0008488	62.66362	.1214914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017953	.0013091	28.18969	.2148903	.0458568	.1134797	118.5411
Stddev	.0000928	.0001324	.00929	.0001255	.0002364	.0021004	.2035
%RSD	5.167919	10.11277	.0329520	.0584151	.5154489	1.850907	.1716947

#1	.0017226	.0013726	28.18813	.2150154	.0457136	.1111024	118.5330
#2	.0018998	.0011569	28.19966	.2148910	.0457272	.1150843	118.3417
#3	.0017636	.0013978	28.18128	.2147643	.0461296	.1142523	118.7485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.392984	37.91803	.2567242	.0028743	29.07339	.2818965	.2607036
Stddev	.003985	.06840	.0009486	.0003011	.21736	.0069482	.0089996
%RSD	.2860967	.1803978	.3695227	10.47679	.7476297	2.464788	3.452028

#1	1.391310	37.83911	.2562319	.0026576	28.96919	.2805016	.2709810
#2	1.390109	37.96029	.2561228	.0027473	29.32324	.2894364	.2542333
#3	1.397533	37.95468	.2578178	.0032182	28.92775	.2757517	.2568965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.000920	2.868754	.2014483	.0173386	25.98160	5.941628	.0145644
Stddev	.021047	.023361	.0007679	.0002960	.11671	.033327	.0016684
%RSD	.3507368	.8143246	.3811855	1.707041	.4491861	.5609052	11.45518

#1	5.989936	2.861462	.2007095	.0174272	26.03548	5.909698	.0145766
#2	5.987636	2.849909	.2013931	.0170085	25.84769	5.938991	.0128900
#3	6.025187	2.894891	.2022423	.0175802	26.06163	5.976195	.0162267

Sample Name: J4077-02 Acquired: 7/28/2018 19:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.622871	.0837654	.1940621
Stddev	.012179	.0018089	.0003646
%RSD	.2634580	2.159514	.1878829

#1	4.634535	.0816768	.1944348
#2	4.623843	.0847910	.1940454
#3	4.610234	.0848285	.1937062

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.232	2141.982	36456.14	4975.988	2822.088
Stddev	6.727	4.515	139.97	13.574	7.935
%RSD	.3965805	.2107627	.3839282	.2727933	.2811695

#1	1703.802	2141.659	36482.46	4985.845	2817.510
#2	1693.954	2146.650	36304.87	4960.505	2831.250
#3	1690.939	2137.638	36581.07	4981.613	2817.504

Sample Name: J4077-03 Acquired: 7/28/2018 19:41:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076738	-.006529	.0708190	.0168715	.0015066	60.43670	.1291672
Stddev	.0034215	.001223	.0024058	.0001502	.0022713	.07532	.0005566
%RSD	44.58648	18.73293	3.397133	.8901085	150.7614	.1246258	.4309336

#1	.0071401	-.007797	.0692640	.0167749	.0025158	60.47805	.1297374
#2	.0045505	-.006432	.0696029	.0167952	-.001094	60.48228	.1291390
#3	.0113308	-.005357	.0735901	.0170446	.003098	60.34976	.1286253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018177	.0038283	28.26535	.2097638	.0435433	.1204756	113.4652
Stddev	.0000262	.0000518	.04349	.0014373	.0007607	.0031117	.1594
%RSD	1.441966	1.352863	.1538492	.6852055	1.746992	2.582853	.1405184

#1	.0017879	.0038502	28.22968	.2102440	.0435651	.1169024	113.2903
#2	.0018281	.0037691	28.25258	.2081478	.0427720	.1219350	113.5030
#3	.0018372	.0038655	28.31379	.2108995	.0442929	.1225894	113.6024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264922	37.82348	.2458898	.0026119	35.75195	.2632144	.2891341
Stddev	.003555	.21930	.0013853	.0003696	.19616	.0070273	.0074469
%RSD	.2810586	.5798015	.5633980	14.15219	.5486805	2.669786	2.575601

#1	1.260818	37.64968	.2462530	.0029998	35.53538	.2704994	.2942495
#2	1.266876	37.75090	.2443590	.0025721	35.91771	.2626669	.2805904
#3	1.267071	38.06987	.2470573	.0022637	35.80276	.2564769	.2925623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.218648	3.365444	.1968510	.0139604	32.59162	11.48281	.0203373
Stddev	.073648	.012818	.0014635	.0000632	.15730	.01908	.0015924
%RSD	1.184309	.3808706	.7434545	.4525903	.4826471	.1661926	7.829964

#1	6.216812	3.364120	.1951852	.0138911	32.49430	11.49884	.0221749
#2	6.293197	3.353340	.1974376	.0139751	32.50746	11.46170	.0193637
#3	6.145936	3.378873	.1979301	.0140149	32.77309	11.48790	.0194732

Sample Name: J4077-03 Acquired: 7/28/2018 19:41:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.191058	.0792604	.2059474
Stddev	.016472	.0010416	.0000745
%RSD	.3930232	1.314172	.0362009

#1	4.181993	.0803297	.2058666
#2	4.210071	.0792026	.2059620
#3	4.181110	.0782489	.2060135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.592	2137.501	36352.79	4926.623	2821.604
Stddev	2.108	9.489	188.22	6.949	11.147
%RSD	.1241477	.4439495	.5177514	.1410559	.3950759

#1	1696.892	2147.127	36558.42	4933.904	2831.649
#2	1699.960	2137.222	36310.90	4925.902	2823.554
#3	1695.923	2128.155	36189.04	4920.062	2809.611

Sample Name: J4077-04 Acquired: 7/28/2018 19:45:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174592	-.014115	.1222527	.0182792	.0043394	82.87683	.1905664
Stddev	.0008177	.000988	.0003490	.0027331	.0008155	.07548	.0015408
%RSD	4.683687	6.997654	.2855090	14.95177	18.79297	.0910713	.8085482

#1	.0165199	-.015155	.1219604	.0178620	.0043665	82.95807	.1895295
#2	.0180125	-.014000	.1221586	.0211968	.0051411	82.80889	.1923370
#3	.0178452	-.013189	.1226392	.0157786	.0035108	82.86352	.1898328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023763	.0037655	30.03444	.2805434	.0609917	.2573364	146.4943
Stddev	.0000550	.0000709	.01816	.0004437	.0001973	.0021685	.6983
%RSD	2.313991	1.882398	.0604527	.1581451	.3235393	.8426761	.4766584

#1	.0024334	.0038154	30.02898	.2810524	.0609327	.2598404	146.9625
#2	.0023718	.0037967	30.05470	.2802387	.0608305	.2560783	146.8287
#3	.0023237	.0036843	30.01964	.2803391	.0612118	.2560905	145.6917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.504287	48.09927	.3244501	.0029877	42.33966	.3682971	.4488457
Stddev	.009420	.20292	.0013531	.0003039	.55653	.0093131	.0078631
%RSD	.6262209	.4218865	.4170466	10.17216	1.314452	2.528702	1.751852

#1	1.508994	48.02307	.3249794	.0026481	42.56856	.3789025	.4543317
#2	1.510426	48.32927	.3229124	.0030806	42.74523	.3614521	.4398372
#3	1.493441	47.94548	.3254586	.0032343	41.70517	.3645368	.4523683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.418090	3.495608	.2947085	.0274397	50.13287	7.250486	.0324142
Stddev	.103035	.010175	.0025441	.0004380	.15134	.029414	.0003994
%RSD	1.094010	.2910869	.8632703	1.596144	.3018714	.4056772	1.232259

#1	9.369264	3.485462	.2974937	.0274987	50.00601	7.217746	.0323485
#2	9.536461	3.495551	.2941247	.0269753	50.09220	7.259031	.0320517
#3	9.348544	3.505812	.2925069	.0278453	50.30038	7.274681	.0328425

Sample Name: J4077-04 Acquired: 7/28/2018 19:45:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.904596	.1037873	.2577758
Stddev	.017194	.0004038	.0009413
%RSD	.2911985	.3890796	.3651633

#1	5.918991	.1040658	.2574571
#2	5.909240	.1039719	.2588351
#3	5.885557	.1033242	.2570353

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.736	2107.345	35920.69	4884.408	2754.188
Stddev	9.239	3.690	156.92	17.419	2.106
%RSD	.5546442	.1751157	.4368503	.3566151	.0764727

#1	1672.068	2111.590	35803.66	4876.897	2756.385
#2	1655.135	2105.550	35859.40	4872.005	2752.187
#3	1670.005	2104.896	36099.00	4904.322	2753.992

Sample Name: J4075-01 Acquired: 7/28/2018 19:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110146	.0033890	.0037688	-.001043	-.001370	.2479228
Stddev	.0044765	.0024712	.0019875	.000404	.001446	.0132179
%RSD	40.64146	72.91721	52.73638	38.72038	105.5335	5.331464

#1	.0093401	.0048257	.0018331	-.000989	-.001899	.2630601
#2	.0076168	.0048058	.0058044	-.000669	.000266	.2420454
#3	.0160870	.0005356	.0036689	-.001471	-.002477	.2386629

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3297369	.0004867	.0033861	207.5978	.0027134	.0113971
Stddev	.0025045	.0000261	.0000840	.1482	.0004759	.0003465
%RSD	.7595475	5.357949	2.480618	.0713923	17.53952	3.040656

#1	.3326274	.0004677	.0033097	207.6394	.0021642	.0110256
#2	.3283690	.0004759	.0033725	207.7208	.0029702	.0114541
#3	.3282141	.0005164	.0034760	207.4333	.0030058	.0117116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002583	.2195373	.4112751	30.78307	.0411643	.0012925
Stddev	.003834	.0219969	.0044641	.15219	.0003518	.0004686
%RSD	148.4416	10.01965	1.085425	.4943985	.8545500	36.25402

#1	-.004564	.1992756	.4140951	30.89516	.0415312	.0007638
#2	-.005022	.2429332	.4061283	30.60981	.0408299	.0014569
#3	.001837	.2164032	.4136021	30.84424	.0411318	.0016566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1856.056	-.003991	.3875395	24.98030	.0326706	.3256885
Stddev	3.727	.006156	.0203416	.18812	.0061866	.0010733
%RSD	.2007797	154.2515	5.248918	.7530820	18.93637	.3295440

#1	1858.862	.001936	.3758682	25.19696	.0354930	.3244570
#2	1857.478	-.003555	.3757224	24.85842	.0255761	.3264245
#3	1851.827	-.010353	.4110278	24.88551	.0369426	.3261840

Sample Name: J4075-01 Acquired: 7/28/2018 19:49:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011568	33.85969	2.185353	.0000387	-.002663	.0312310
Stddev	.0002753	.08443	.019133	.0008360	.001104	.0010220
%RSD	23.80052	.2493536	.8755034	2160.132	41.44504	3.272379

#1	.0012671	33.77555	2.184791	.0009614	-.001506	.0311569
#2	.0013600	33.85911	2.166508	-.000668	-.002777	.0302481
#3	.0008435	33.94441	2.204761	-.000177	-.003704	.0322880

Elem	Sr4077
Units	ppm
Avg	1.978660
Stddev	.002720
%RSD	.1374756

#1	1.975788
#2	1.981197
#3	1.978997

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.336	2019.411	35141.03	4773.102	2587.686
Stddev	5.115	8.135	88.13	16.337	6.854
%RSD	.3160896	.4028329	.2507944	.3422641	.2648868

#1	1612.475	2025.102	35056.06	4754.292	2592.566
#2	1620.629	2023.038	35135.01	4783.740	2590.641
#3	1621.903	2010.094	35232.02	4781.275	2579.849

Sample Name: J4075-02 Acquired: 7/28/2018 19:53:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084948	.0001839	.0060194	-.000777	-.001315	.3398464
Stddev	.0038603	.0006119	.0019750	.002148	.000798	.0265804
%RSD	45.44317	332.7563	32.80981	276.2701	60.72995	7.821285

#1	.0052812	.0007825	.0037428	.000977	-.001479	.3367881
#2	.0074264	.0002097	.0070420	-.003173	-.002018	.3678236
#3	.0127767	-.000440	.0072733	-.000136	-.000447	.3149275

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2910992	.0004750	.0051559	100.6446	.0032216	.0119468
Stddev	.0024295	.0000059	.0001393	.3414	.0001337	.0005851
%RSD	.8345822	1.248047	2.702456	.3391844	4.150768	4.897396

#1	.2927102	.0004682	.0053110	100.9625	.0031829	.0126223
#2	.2922827	.0004789	.0050412	100.6876	.0031115	.0115982
#3	.2883048	.0004780	.0051156	100.2838	.0033705	.0116200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001255	.5228835	.3326602	32.55832	.0513539	.0016060
Stddev	.005413	.0218900	.0010332	.23995	.0002480	.0003301
%RSD	431.2256	4.186397	.3105824	.7369951	.4829902	20.55166

#1	-.005315	.5349578	.3336486	32.80821	.0510800	.0018413
#2	.004891	.5360774	.3327446	32.53703	.0514183	.0017480
#3	-.003342	.4976154	.3315874	32.32972	.0515633	.0012287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1823.323	-.005183	.4220341	29.39432	.0445992	.4176732
Stddev	8.202	.009528	.0191173	.04315	.0026440	.0007458
%RSD	.4498199	183.8489	4.529808	.1467926	5.928271	.1785705

#1	1830.342	.000915	.4169762	29.40209	.0420133	.4168130
#2	1825.319	-.000301	.4059543	29.34782	.0444867	.4180678
#3	1814.307	-.016162	.4431718	29.43306	.0472976	.4181388

Sample Name: J4075-02 Acquired: 7/28/2018 19:53:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020398	42.96813	2.972702	.0019879	-.002380	.0379597
Stddev	.0004101	.14558	.013165	.0009715	.001523	.0009877
%RSD	20.10732	.3388019	.4428545	48.87233	64.00839	2.601995

#1	.0023159	42.98078	2.971617	.0009665	-.000628	.0369337
#2	.0015685	42.81664	2.960114	.0020969	-.003123	.0389041
#3	.0022349	43.10696	2.986376	.0029003	-.003390	.0380413

Elem	Sr4077
Units	ppm
Avg	.8446465
Stddev	.0036817
%RSD	.4358908

#1	.8485712
#2	.8412690
#3	.8440991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.953	2016.142	35401.63	4761.655	2603.450
Stddev	6.887	1.664	87.64	7.569	2.606
%RSD	.4222664	.0825401	.2475557	.1589606	.1000812

#1	1638.684	2016.103	35386.09	4770.173	2602.698
#2	1628.699	2017.826	35496.00	4759.089	2606.349
#3	1625.475	2014.498	35322.80	4755.702	2601.303

Sample Name: J4075-03 Acquired: 7/28/2018 19:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079865	.0013046	.0053597	-.000273	-.003201	.3271050
Stddev	.0018873	.0021439	.0010174	.001200	.001939	.0152064
%RSD	23.63133	164.3386	18.98239	439.5324	60.56998	4.648781

#1	.0101646	.0032780	.0052060	-.000945	-.003599	.3381621
#2	.0069605	.0016122	.0064452	.001112	-.001094	.3097637
#3	.0068344	-.000977	.0044279	-.000986	-.004910	.3333891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2484874	.0004584	.0046812	113.0353	.0036979	.0097899
Stddev	.0014456	.0000815	.0001130	.3366	.0002953	.0003874
%RSD	.5817463	17.78150	2.413547	.2978001	7.985670	3.957065

#1	.2501145	.0005137	.0046632	113.4199	.0038081	.0094777
#2	.2473513	.0003648	.0045783	112.7940	.0033634	.0096686
#3	.2479963	.0004968	.0048021	112.8921	.0039223	.0102235

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001340	1.608514	.2699720	31.37984	.0553593	.0012673
Stddev	.009551	.033028	.0010300	.16567	.0004439	.0002980
%RSD	712.5479	2.053315	.3815325	.5279621	.8019207	23.51409

#1	-.006487	1.646637	.2702965	31.56645	.0558687	.0015575
#2	-.007214	1.588544	.2688188	31.25005	.0550551	.0012825
#3	.009680	1.590361	.2708007	31.32303	.0551542	.0009620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1831.230	-.005219	.5564375	28.44093	.0439703	.4170922
Stddev	6.380	.003028	.0192754	.04875	.0034598	.0014825
%RSD	.3483743	58.01371	3.464064	.1713917	7.868590	.3554239

#1	1838.596	-.001732	.5722419	28.41726	.0443174	.4154313
#2	1827.478	-.006751	.5621075	28.49699	.0472436	.4175640
#3	1827.616	-.007175	.5349631	28.40854	.0403500	.4182814

Sample Name: J4075-03 Acquired: 7/28/2018 19:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038425	43.62147	2.975849	.0015343	-.001191	.0313301
Stddev	.0000358	.15067	.008027	.0012458	.002873	.0024259
%RSD	.9318750	.3453955	.2697535	81.19714	241.1823	7.743042

#1	.0038691	43.62093	2.967563	.0028279	-.000696	.0330080
#2	.0038018	43.47107	2.976396	.0003426	.001402	.0285486
#3	.0038567	43.77240	2.983589	.0014323	-.004279	.0324336

Elem	Sr4077
Units	ppm
Avg	1.140372
Stddev	.003646
%RSD	.3196863

#1	1.142661
#2	1.136168
#3	1.142287

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.314	2010.534	35063.70	4799.487	2595.166
Stddev	8.264	3.217	183.58	14.454	7.302
%RSD	.5112929	.1600080	.5235718	.3011495	.2813884

#1	1608.383	2013.091	34886.63	4783.065	2598.040
#2	1624.875	2011.589	35253.17	4805.115	2600.594
#3	1615.684	2006.922	35051.30	4810.279	2586.863

Sample Name: J4075-04 Acquired: 7/28/2018 20:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157861	.0000561	.0089208	.0012684	-.002390	.4674898
Stddev	.0014429	.0026057	.0001901	.0017677	.001368	.0139049
%RSD	9.140330	4645.133	2.131188	139.3630	57.22822	2.974367

#1	.0174017	-.002125	.0087031	.0021292	-.003279	.4763652
#2	.0153312	-.000648	.0090049	.0024409	-.000815	.4514648
#3	.0146255	.002942	.0090543	-.000765	-.003075	.4746395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5576948	.0004437	-.000249	104.3324	.0009792	.0015911
Stddev	.0001651	.0000548	.000090	.0609	.0004159	.0000926
%RSD	.0296026	12.34214	36.05295	.0583988	42.47515	5.817480

#1	.5578151	.0004680	-.000235	104.3429	.0014591	.0016523
#2	.5577627	.0003810	-.000344	104.2669	.0007562	.0016364
#3	.5575066	.0004820	-.000167	104.3874	.0007224	.0014846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000508	24.33902	.3010769	57.09652	.0343882	.0017111
Stddev	.003216	.03602	.0017605	.13797	.0001118	.0000444
%RSD	633.6203	.1480060	.5847421	.2416409	.3250416	2.597223

#1	-.004068	24.37008	.3030253	56.96694	.0342613	.0016831
#2	.002187	24.34747	.2996005	57.08106	.0344722	.0017623
#3	.000358	24.29953	.3006050	57.24157	.0344311	.0016878

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1855.398	.0066157	.6681220	51.54759	.6106142	1.249518
Stddev	3.921	.0057586	.0225982	.32392	.0061091	.010923
%RSD	.2113428	87.04479	3.382347	.6283862	1.000477	.8741875

#1	1859.890	.0000364	.6740846	51.47800	.6086431	1.260671
#2	1852.659	.0090710	.6431404	51.26412	.6057341	1.238840
#3	1853.644	.0107397	.6871410	51.90065	.6174655	1.249044

Sample Name: J4075-04 Acquired: 7/28/2018 20:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040980	36.07650	6.547473	.0041565	.0124852	.0432067
Stddev	.0008337	.21054	.047985	.0005911	.0020686	.0016515
%RSD	20.34372	.5835896	.7328852	14.22127	16.56825	3.822311

#1	.0038704	36.09672	6.602791	.0035336	.0145175	.0413547
#2	.0034017	35.85658	6.517067	.0042262	.0103822	.0445265
#3	.0050218	36.27620	6.522561	.0047096	.0125559	.0437389

Elem	Sr4077
Units	ppm
Avg	1.103374
Stddev	.002817
%RSD	.2552687

#1	1.100431
#2	1.103645
#3	1.106044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.863	2067.613	36387.42	4919.600	2661.749
Stddev	16.773	6.116	533.20	14.422	7.847
%RSD	.9996623	.2958220	1.465341	.2931488	.2948129

#1	1692.240	2070.165	36926.22	4914.147	2663.911
#2	1681.913	2072.040	36376.02	4935.954	2668.289
#3	1659.436	2060.634	35860.01	4908.701	2653.047

Sample Name: CCV079 Acquired: 7/28/2018 20:05:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821073	4.775883	24.01738	4.764274	4.775404	412.0032
Stddev	.030236	.007070	.07766	.012540	.008148	.5617
%RSD	.6271730	.1480373	.3233672	.2632147	.1706168	.1363235

#1	4.786243	4.768245	23.99658	4.756422	4.766242	411.3826
#2	4.836391	4.777205	23.95223	4.757663	4.778134	412.4767
#3	4.840585	4.782199	24.10332	4.778736	4.781836	412.1504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.446013	.4557366	2.366457	387.3700	14.82394	2.393848
Stddev	.008980	.0029181	.008800	.5117	.01613	.008681
%RSD	.0950694	.6402954	.3718746	.1320984	.1088250	.3626188

#1	9.452130	.4574148	2.362152	387.9484	14.83588	2.389564
#2	9.435703	.4574279	2.360639	386.9764	14.83036	2.388142
#3	9.450205	.4523672	2.376581	387.1850	14.80559	2.403838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72951	394.3368	14.09560	380.6343	2.459409	1.153433
Stddev	.05332	.6487	.01044	1.0215	.008886	.002541
%RSD	.3619722	.1644968	.0740322	.2683785	.3613254	.2203214

#1	14.67022	395.0621	14.10765	380.0043	2.458212	1.155699
#2	14.74478	394.1362	14.08924	381.8129	2.451182	1.150685
#3	14.77352	393.8121	14.08992	380.0856	2.468834	1.153914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.4091	2.570915	14.65453	153.3641	F 5.754499	4.877072
Stddev	.5347	.027122	.23790	.3754	.037142	.038204
%RSD	.1412975	1.054972	1.623419	.2447903	.6454491	.7833358

#1	378.2702	2.579596	14.72206	152.9363	5.743712	4.907528
#2	377.9576	2.592634	14.39016	153.6388	5.723944	4.889483
#3	378.9996	2.540515	14.85137	153.5171	5.795841	4.834206

Sample Name: CCV079 Acquired: 7/28/2018 20:05:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813899	4.928566	4.585235	4.956185	4.865011	4.932621
Stddev	.011861	.010323	.029666	.019898	.029698	.004755
%RSD	.2463886	.2094491	.6469925	.4014865	.6104342	.0964002

#1	4.804004	4.921588	4.596605	4.951899	4.834910	4.927397
#2	4.810646	4.923686	4.607533	4.938779	4.894288	4.933767
#3	4.827047	4.940424	4.551565	4.977877	4.865837	4.936698

Elem	Sr4077
Units	ppm
Avg	4.903995
Stddev	.014239
%RSD	.2903469

#1	4.887588
#2	4.913119
#3	4.911277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.755	1779.016	32767.35	4530.708	2436.486
Stddev	15.461	3.162	209.46	31.973	5.397
%RSD	1.076077	.1777498	.6392474	.7056997	.2214901

#1	1427.738	1781.372	32630.81	4512.732	2435.434
#2	1454.607	1780.252	33008.52	4511.768	2442.331
#3	1427.919	1775.422	32662.72	4567.623	2431.693

Sample Name: CCB079 Acquired: 7/28/2018 20:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062865	.0066126	.0024896	-.003408	-.002749	-.044709
Stddev	.0006314	.0005460	.0008753	.000625	.000873	.002891
%RSD	10.04425	8.257242	35.15626	18.33489	31.76960	6.465714

#1	.0068234	.0069096	.0024809	-.002771	-.002236	-.042591
#2	.0064451	.0069457	.0016188	-.004020	-.002253	-.048002
#3	.0055908	.0059824	.0033692	-.003434	-.003757	-.043533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000701	-.000052	-.000088	-.038513	.0001924	-.000545
Stddev	.000264	.000012	.000003	.011463	.0001323	.000057
%RSD	37.58412	22.58398	3.367046	29.76243	68.74021	10.46951

#1	-.000973	-.000041	-.000089	-.045342	.0000403	-.000581
#2	-.000685	-.000065	-.000090	-.044918	.0002799	-.000479
#3	-.000446	-.000051	-.000084	-.025280	.0002572	-.000576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010068	.0030977	-.001620	.0365889	.0022801	.0008805
Stddev	.002296	.0068292	.000618	.0188643	.0000562	.0000818
%RSD	22.80679	220.4603	38.11485	51.55751	2.466482	9.290567

#1	-.008228	.0007742	-.001608	.0268370	.0022174	.0009733
#2	-.009335	-.002267	-.002244	.0245966	.0023260	.0008185
#3	-.012641	.010786	-.001009	.0583330	.0022970	.0008498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2969854	-.001538	.0092159	-3.76515	-.014127	F -.016713
Stddev	.0680568	.002137	.0056084	.02642	.000724	.000294
%RSD	22.91586	138.9567	60.85527	.7017783	5.125968	1.756338

#1	.2449156	.000757	.0124398	-3.75723	-.014182	-.016481
#2	.2720469	-.003471	.0027400	-3.74360	-.014821	-.016616
#3	.3739936	-.001901	.0124681	-3.79463	-.013376	-.017043

Sample Name: CCB079 Acquired: 7/28/2018 20:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v609) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000751	-.213783	-.017427	-.004346	-.002198	-.004675
Stddev	.000152	.002739	.000317	.000147	.001211	.000422
%RSD	20.23864	1.281257	1.820243	3.372581	55.08791	9.034247

#1	-.000596	-.210974	-.017711	-.004317	-.001203	-.004517
#2	-.000900	-.216446	-.017085	-.004505	-.003546	-.005154
#3	-.000757	-.213928	-.017485	-.004217	-.001844	-.004354

Elem	Sr4077
Units	ppm
Avg	-.000229
Stddev	.000049
%RSD	21.16651

#1	-.000283
#2	-.000189
#3	-.000216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5323.372	7068.083	107698.8	12804.65	9367.720
Stddev	130.024	42.646	2578.4	151.80	49.807
%RSD	2.442518	.6033595	2.394047	1.185472	.5316831

#1	5290.363	7018.915	107707.0	12957.28	9311.188
#2	5466.720	7090.302	110273.1	12653.70	9386.836
#3	5213.034	7095.031	105116.4	12802.96	9405.137