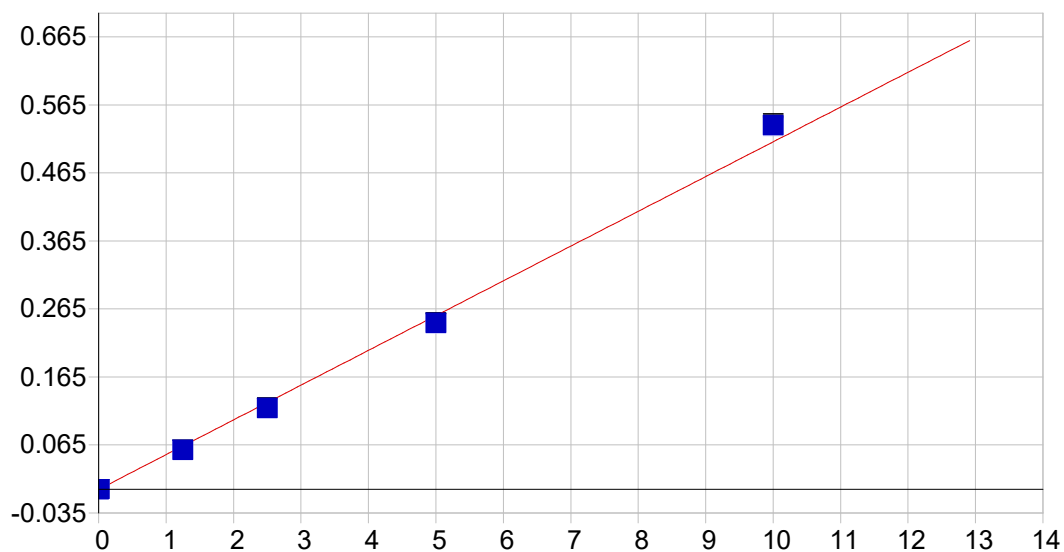


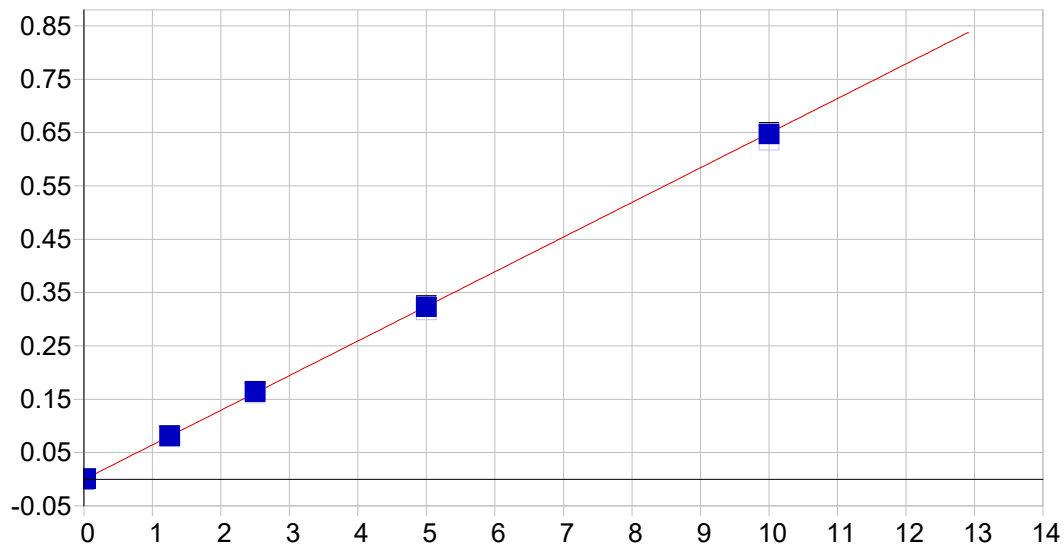


As 189.042 {479}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000355 Re-Slope: 1.000000
 A1 (Gain): 0.051113 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998583 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.003591
 Predicted MQL: 0.011970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01000	.01056	.001	5.56	.00018	.000	1
S2	1.2500	1.1373	-.113	-9.01	.05755	.000	1
S3	2.5000	2.3384	-.162	-6.46	.11871	.000	1
S4	5.0000	4.7898	-.210	-4.20	.24355	.000	1
S5	10.000	10.484	.484	4.84	.53369	.002	1

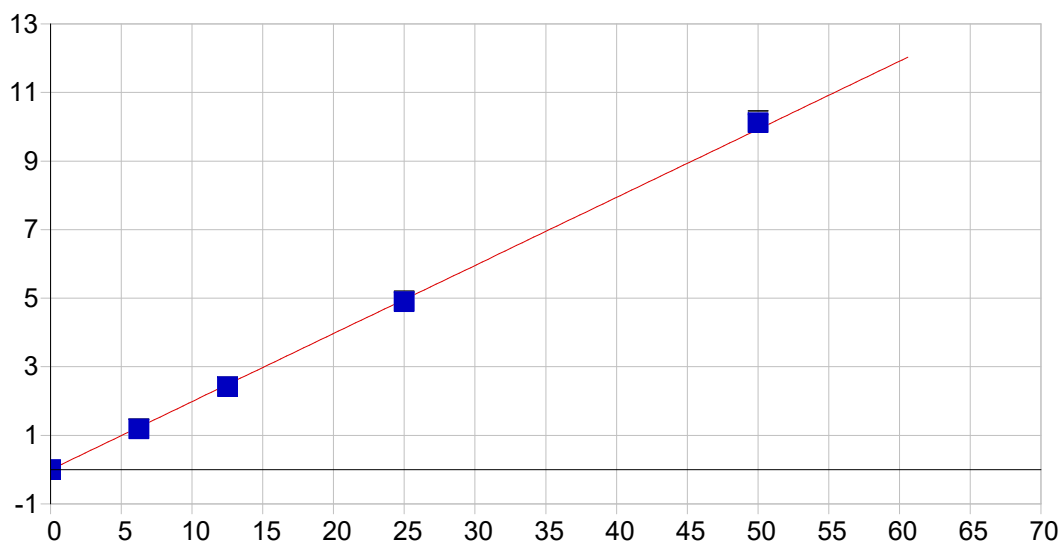


TI 190.856 {477}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.064935 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002317
 Predicted MQL: 0.007724

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02500	.02702	.002	8.07	.00120	.000	1
S2	1.2500	1.2557	.006	.454	.07955	.000	1
S3	2.5000	2.5321	.032	1.28	.16094	.001	1
S4	5.0000	4.9882	-.012	-.236	.31743	.002	1
S5	10.000	9.9721	-.028	-.279	.63508	.003	1

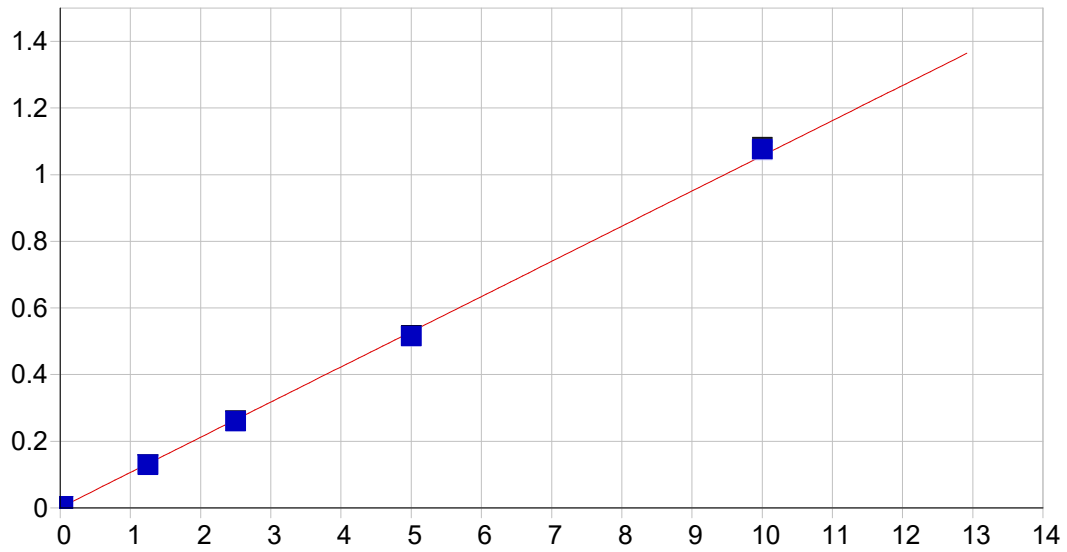


Pb 220.353 {453}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000432	Re-Slope:	1.000000
A1 (Gain):	0.198507	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999762	Status:	OK.
Std Error of Est:	0.000162		
Predicted MDL:	0.001752		
Predicted MQL:	0.005840		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00043	.000	1
S1	.01000	.01121	.001	12.1	.00179	.000	1
S2	6.2500	5.9722	-.278	-4.45	1.1850	.002	1
S3	12.500	12.162	-.338	-2.70	2.4136	.010	1
S4	25.000	24.658	-.342	-1.37	4.8939	.023	1
S5	50.000	50.957	.957	1.91	10.114	.054	1

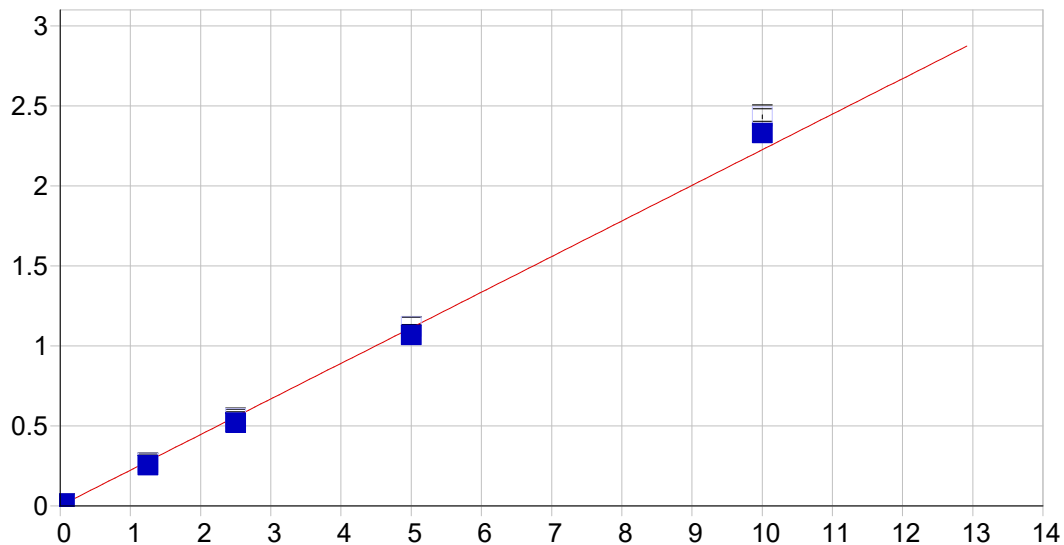


Se 196.090 {472}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000784	Re-Slope:	1.000000
A1 (Gain):	0.105576	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999789	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.002659		
Predicted MQL:	0.008864		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.03500	.03597	.001	2.78	.00458	.000	1
S2	1.2500	1.2190	-.031	-2.48	.12914	.001	1
S3	2.5000	2.4610	-.039	-1.56	.25991	.001	1
S4	5.0000	4.8795	-.120	-2.41	.51456	.002	1
S5	10.000	10.189	.189	1.89	1.0738	.006	1

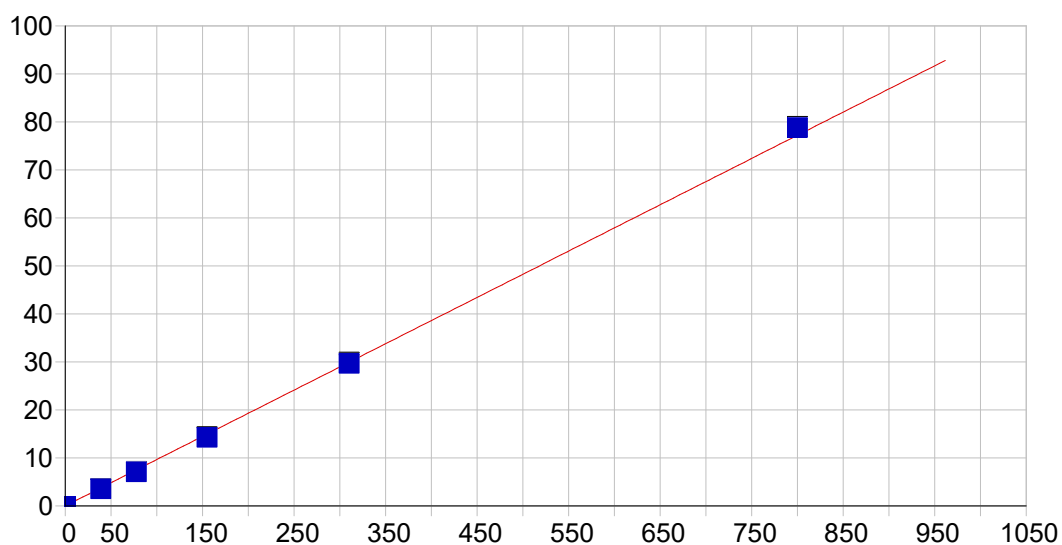


Sb 206.833 {463}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.222482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998776 Status: OK.
 Std Error of Est: 0.000474
 Predicted MDL: 0.001587
 Predicted MQL: 0.005292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00080	.000	1
S1	.06000	.06293	.003	4.88	.01481	.000	1
S2	1.2500	1.1424	-.108	-8.61	.26776	.000	1
S3	2.5000	2.3368	-.163	-6.53	.54630	.004	1
S4	5.0000	4.7973	-.203	-4.05	1.1193	.003	1
S5	10.000	10.471	.471	4.71	2.4328	.012	1

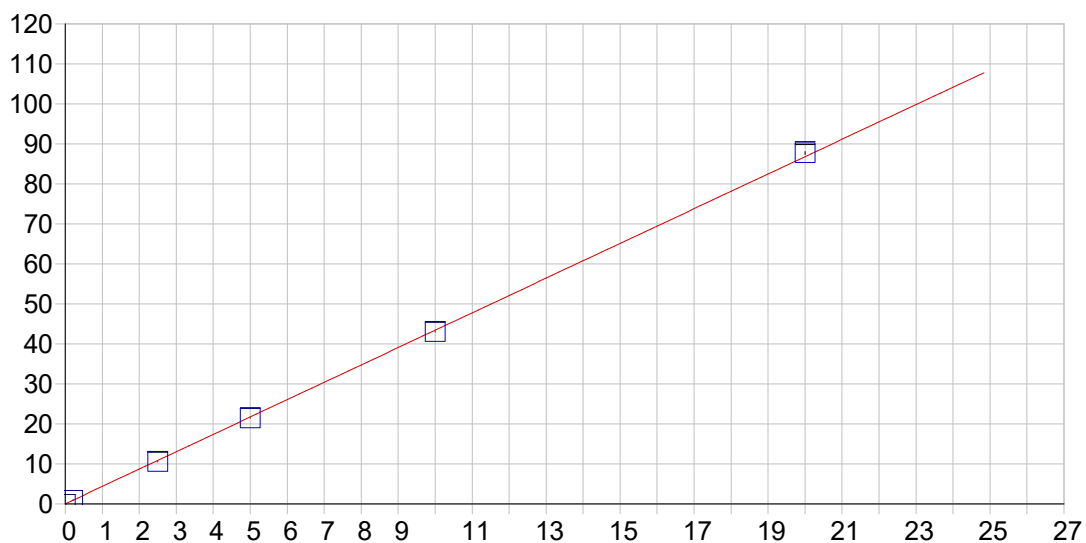


AI 396.152 { 85}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005084 Re-Slope: 1.000000
 A1 (Gain): 0.096515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.001674
 Predicted MDL: 0.014877
 Predicted MQL: 0.049590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00509	.001	1
S1	.20000	.18088	-.019	-9.56	.02287	.001	1
S2	38.750	36.258	-2.49	-6.43	3.5120	.022	1
S3	77.500	73.473	-4.03	-5.20	7.1112	.059	1
S4	155.00	147.80	-7.20	-4.65	14.299	.075	1
S5	310.00	307.18	-2.82	-.909	29.712	.251	1
S6	800.00	816.58	16.6	2.07	78.866	.228	1

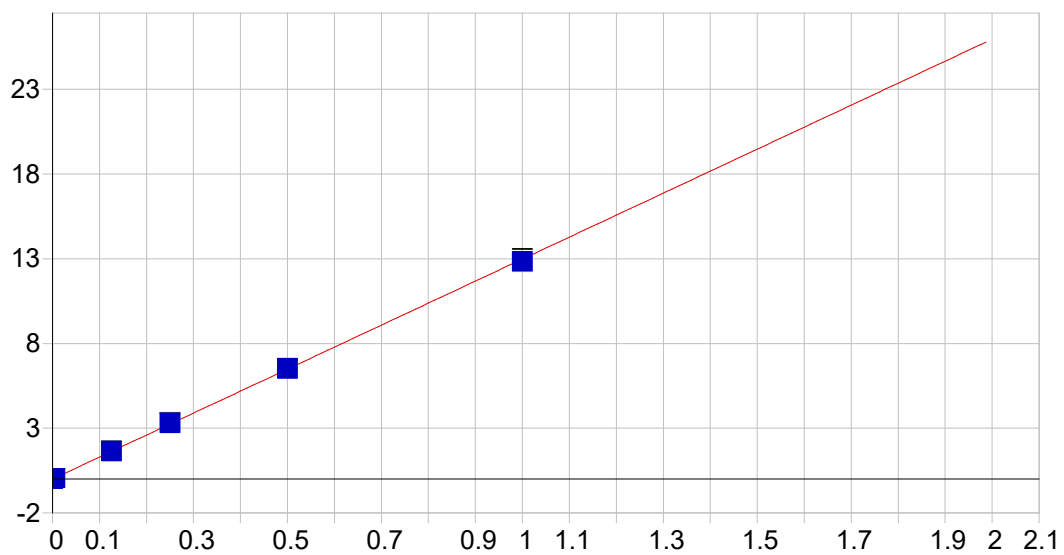


Ba 493.409 { 68}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028169 Re-Slope: 1.000000
 A1 (Gain): 4.339645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.006253
 Predicted MDL: 0.000977
 Predicted MQL: 0.003257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02814	.001	1
S1	.20000	.21417	.014	7.09	.95759	.009	1
S2	2.5000	2.4266	-.073	-2.94	10.559	.044	1
S3	5.0000	4.9369	-.063	-1.26	21.452	.050	1
S4	10.000	9.9124	-.088	-.876	43.044	.095	1
S5	20.000	20.210	.210	1.05	87.732	.350	1

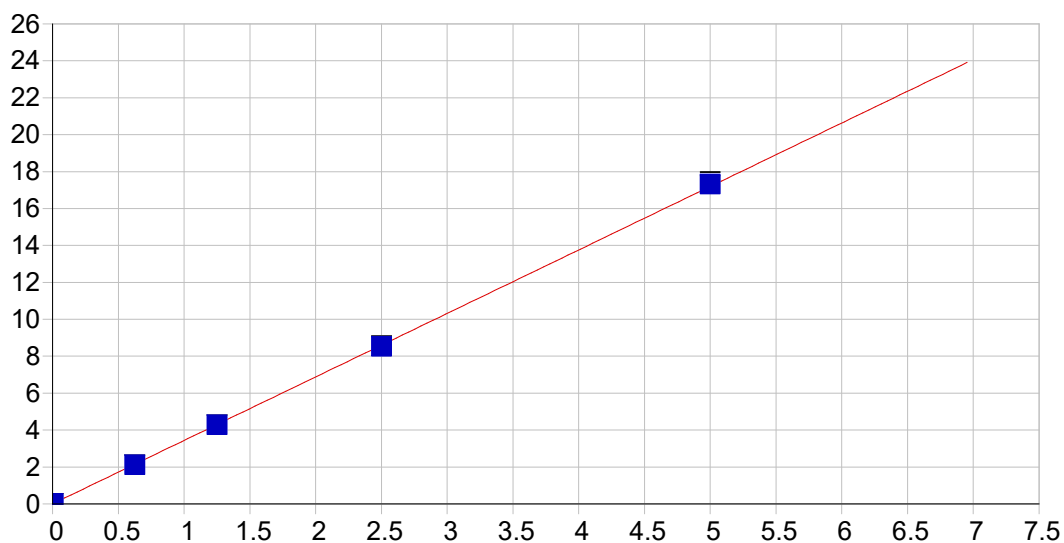


Be 234.861 {144}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002978	Re-Slope:	1.000000
A1 (Gain):	12.980368	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000596		
Predicted MDL:	0.000062		
Predicted MQL:	0.000206		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00298	.000	1
S1	.00500	.00540	.000	8.07	.06712	.001	1
S2	.12500	.12694	.002	1.55	1.6393	.004	1
S3	.25000	.25525	.005	2.10	3.2995	.026	1
S4	.50000	.50230	.002	.460	6.4955	.023	1
S5	1.0000	.99011	-.010	-.989	12.806	.164	1

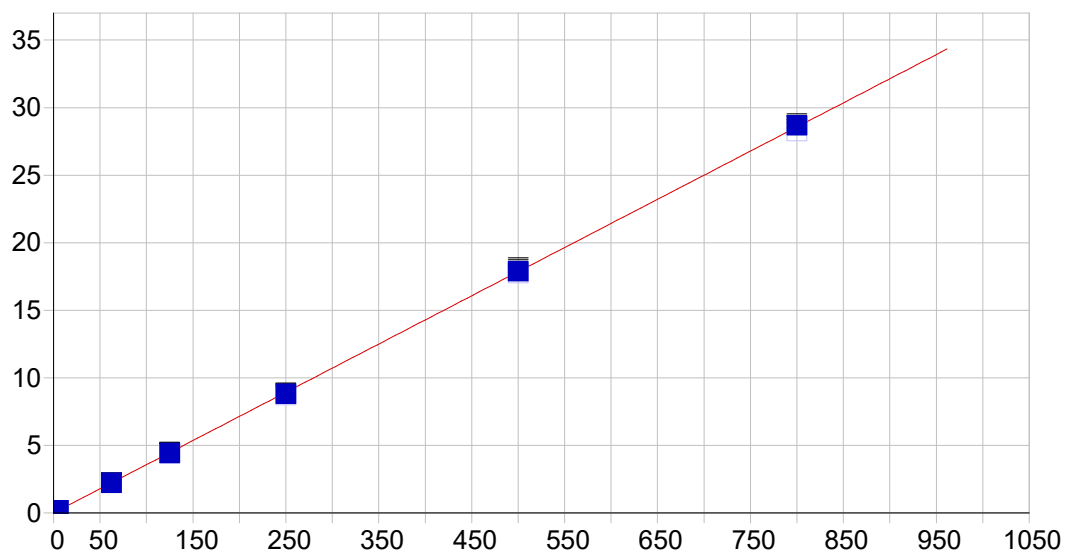


Cd 214.438 {457}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000242	Re-Slope:	1.000000
A1 (Gain):	3.438824	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000249		
Predicted MDL:	0.000078		
Predicted MQL:	0.000262		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.00500	.00545	.000	8.91	.01898	.000	1
S2	.62500	.61383	-.011	-1.79	2.1144	.007	1
S3	1.2500	1.2430	-.007	-.557	4.2814	.018	1
S4	2.5000	2.4807	-.019	-.772	8.5442	.036	1
S5	5.0000	5.0370	.037	.740	17.348	.098	1

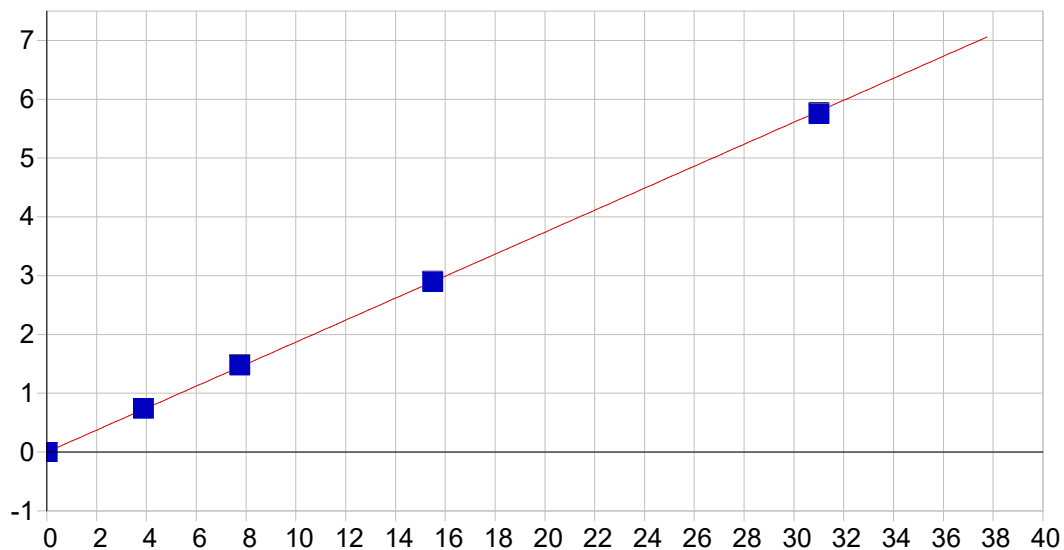


Ca 373.690 { 90}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002339 Re-Slope: 1.000000
 A1 (Gain): 0.035708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000993
 Predicted MDL: 0.028513
 Predicted MQL: 0.095044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	.00233	.001	1
S1	5.0000	5.4278	.428	8.56	.19610	.003	1
S2	62.500	62.158	-.342	-.548	2.2019	.023	1
S3	125.00	124.05	-.950	-.760	4.3920	.065	1
S4	250.00	246.50	-3.50	-1.40	8.7247	.087	1
S5	500.00	501.07	1.07	.214	17.735	.260	1
S6	800.00	803.30	3.30	.413	28.261	.110	1

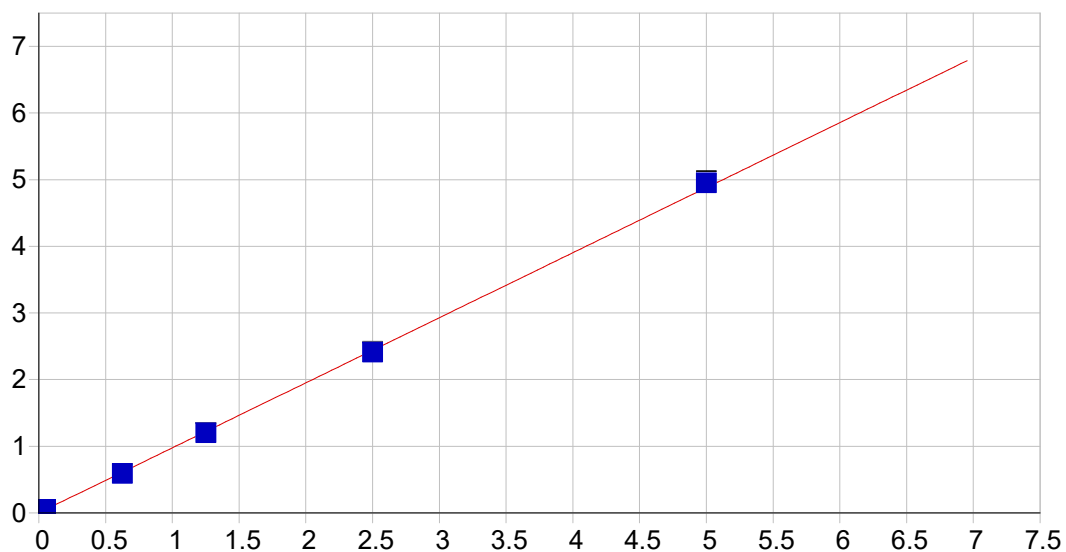


Cr 267.716 {126}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000001	Re-Slope:	1.000000
A1 (Gain):	0.186985	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.000568		
Predicted MQL:	0.001893		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01245	.002	24.5	.00233	.000	1
S2	3.8750	3.9613	.086	2.23	.74161	.000	1
S3	7.7500	7.9045	.155	1.99	1.4798	.006	1
S4	15.500	15.485	-.015	-.098	2.8990	.006	1
S5	31.000	30.772	-.228	-.736	5.7611	.009	1

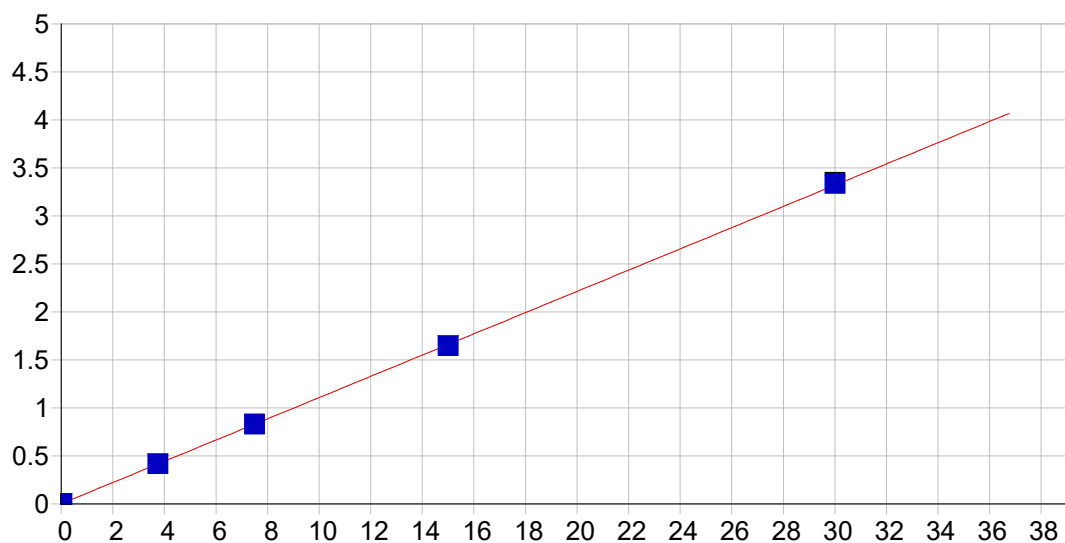


Co 228.616 {448}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000459	Re-Slope:	1.000000
A1 (Gain):	0.975891	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000440		
Predicted MDL:	0.000273		
Predicted MQL:	0.000909		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.05000	.05150	.001	3.00	.05089	.000	1
S2	.62500	.60232	-.023	-3.63	.58922	.001	1
S3	1.2500	1.2290	-.021	-1.68	1.2017	.004	1
S4	2.5000	2.4683	-.032	-1.27	2.4132	.011	1
S5	5.0000	5.0739	.074	1.48	4.9598	.023	1

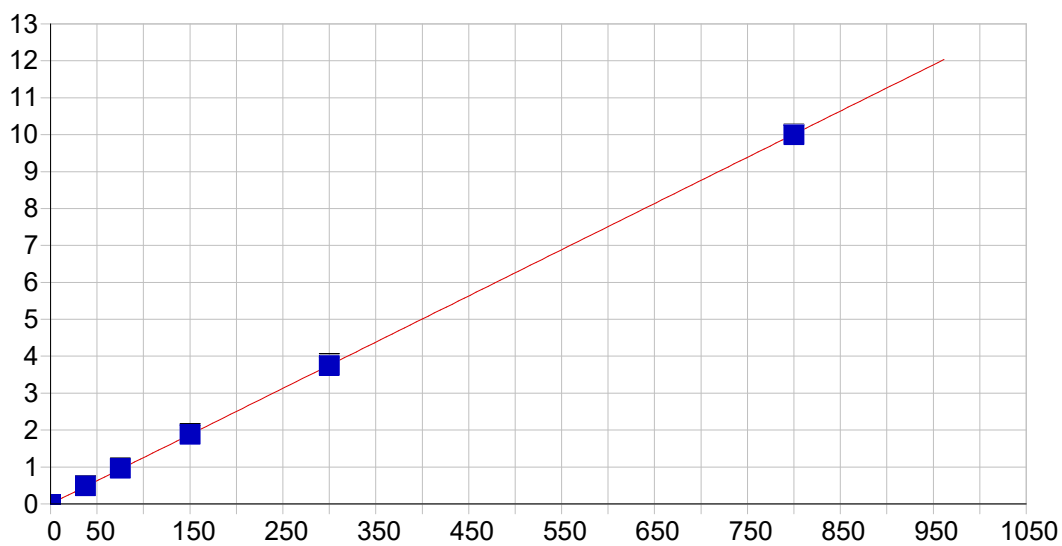


Cu 324.754 {104}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001452	Re-Slope:	1.000000
A1 (Gain):	0.110620	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.005768		
Predicted MQL:	0.019226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00145	.001	1
S1	.02500	.02793	.003	11.7	.00454	.000	1
S2	3.7500	3.7430	-.007	-.186	.41520	.001	1
S3	7.5000	7.4797	-.020	-.271	.82824	.001	1
S4	15.000	14.879	-.121	-.805	1.6462	.002	1
S5	30.000	30.145	.145	.484	3.3336	.015	1

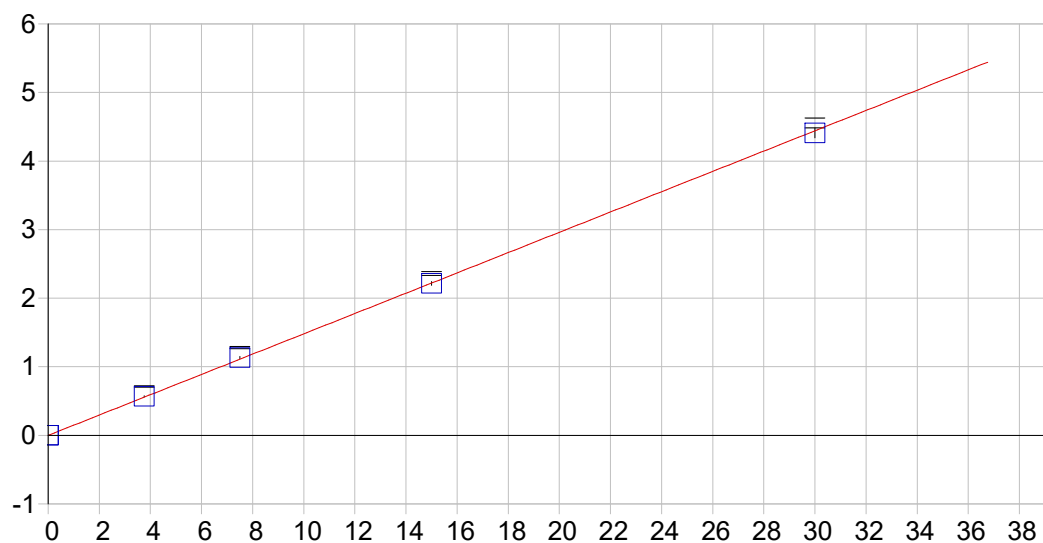


Fe 259.837 {130}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000656 Re-Slope: 1.000000
 A1 (Gain): 0.012516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.027528
 Predicted MQL: 0.091759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00066	.000	1
S1	.10000	.08028	-.020	-19.7	.00171	.000	1
S2	37.500	38.679	1.18	3.14	.48574	.008	1
S3	75.000	76.488	1.49	1.98	.95994	.015	1
S4	150.00	149.99	-.013	-.009	1.8818	.023	1
S5	300.00	299.00	-.999	-.333	3.7508	.054	1
S6	800.00	798.36	-1.64	-.205	10.006	.009	1

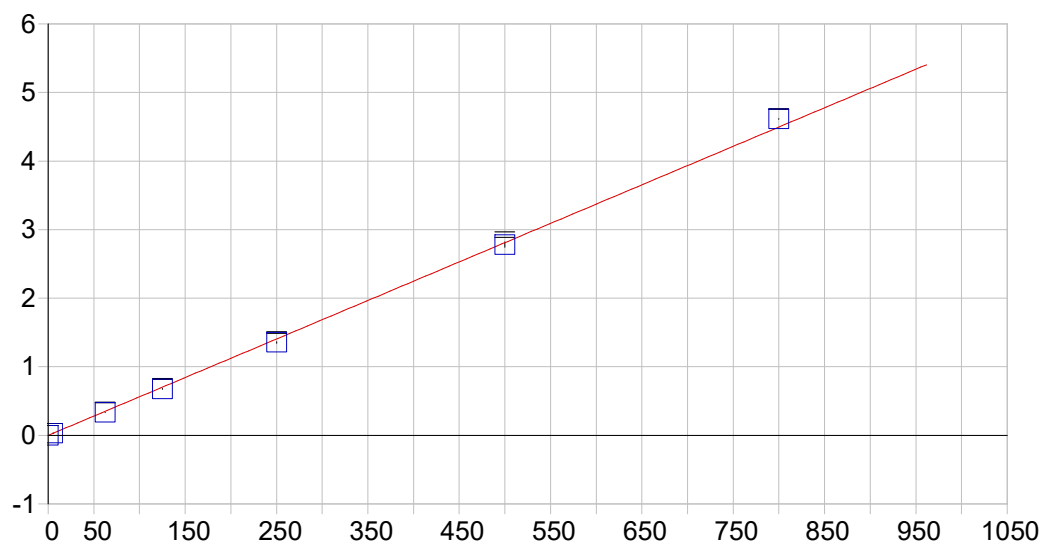


Mn 257.610 {131}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000046	Re-Slope:	1.000000
A1 (Gain):	0.148054	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000058		
Predicted MDL:	0.001928		
Predicted MQL:	0.006427		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01500	.01653	.002	10.2	.00249	.000	1
S2	3.7500	3.8374	.087	2.33	.56818	.008	1
S3	7.5000	7.6552	.155	2.07	1.1334	.017	1
S4	15.000	14.965	-.035	-.235	2.2156	.028	1
S5	30.000	29.791	-.209	-.696	4.4107	.074	1

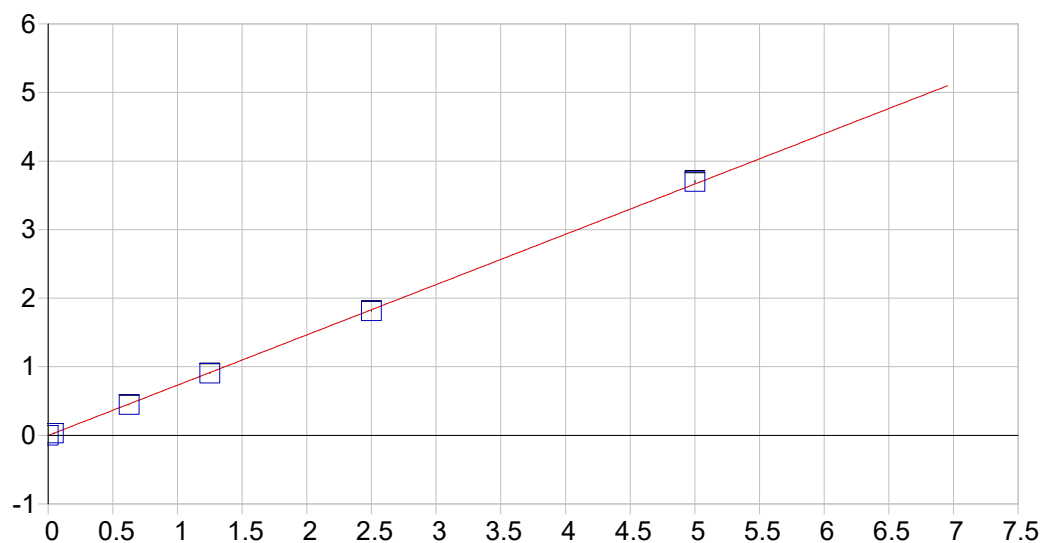


Mg 279.079 {121}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.005620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647 Status: OK.
 Std Error of Est: 0.000521
 Predicted MDL: 0.070880
 Predicted MQL: 0.236266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-.00023	.000	1
S1	5.0000	5.3200	.320	6.40	.02967	.000	1
S2	62.500	59.728	-2.77	-4.44	.33545	.004	1
S3	125.00	120.48	-4.52	-3.61	.67691	.008	1
S4	250.00	241.02	-8.98	-3.59	1.3544	.012	1
S5	500.00	494.97	-5.03	-1.01	2.7816	.039	1
S6	800.00	820.98	21.0	2.62	4.6139	.005	1

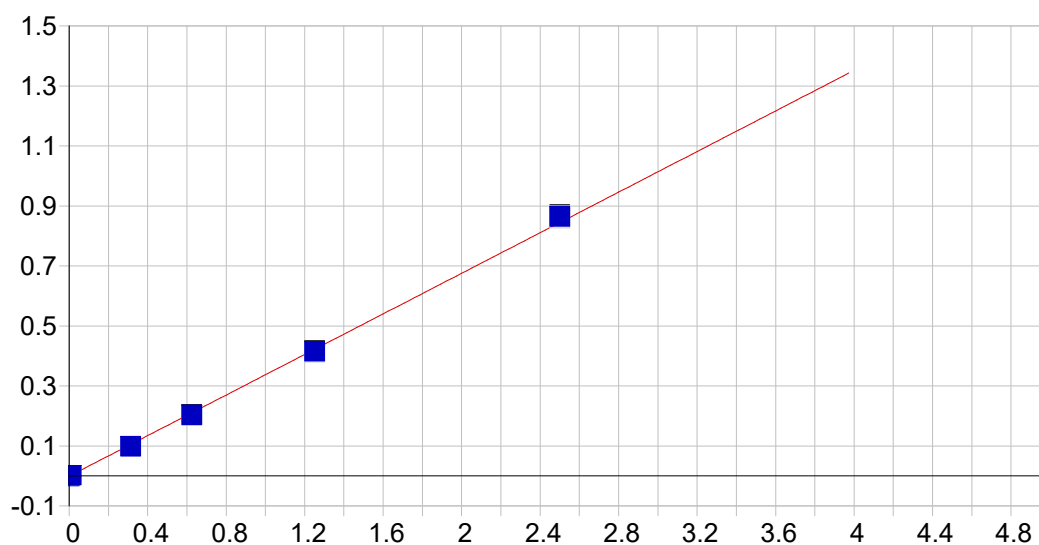


Ni 231.604 {446}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001796	Re-Slope:	1.000000
A1 (Gain):	0.733291	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.000418		
Predicted MQL:	0.001393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00180	.000	1
S1	.04000	.04369	.004	9.21	.03024	.000	1
S2	.62500	.60856	-.016	-2.63	.44445	.001	1
S3	1.2500	1.2350	-.015	-1.20	.90379	.004	1
S4	2.5000	2.4784	-.022	-.863	1.8156	.005	1
S5	5.0000	5.0494	.049	.988	3.7009	.017	1

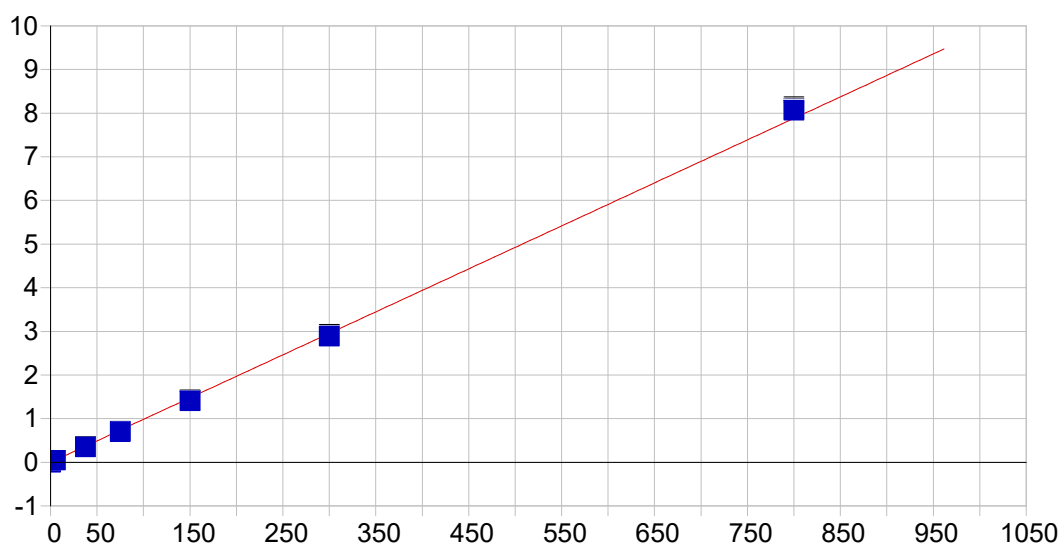


Ag 328.068 {103}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001032 Re-Slope: 1.000000
 A1 (Gain): 0.338206 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999629 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000504
 Predicted MQL: 0.001681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.01064	.001	6.42	.00254	.000	1
S2	.31250	.29465	-.018	-5.71	.09793	.000	1
S3	.62500	.60441	-.021	-3.29	.20201	.000	1
S4	1.2500	1.2294	-.021	-1.65	.41200	.003	1
S5	2.5000	2.5584	.058	2.34	.85872	.007	1

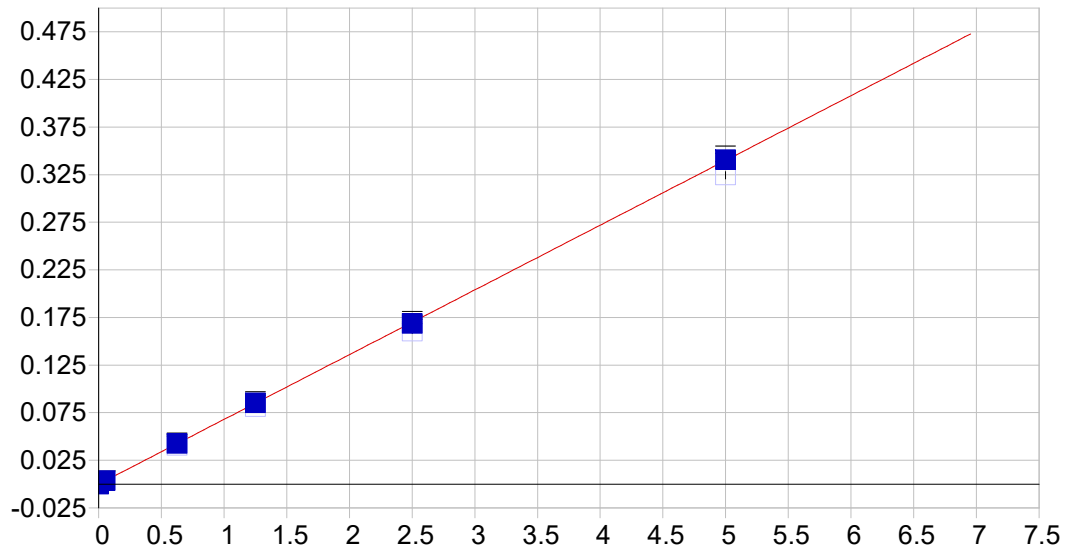


Na 818.326 { 41}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001723 Re-Slope: 1.000000
 A1 (Gain): 0.009853 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999576 Status: OK.
 Std Error of Est: 0.000891
 Predicted MDL: 0.328133
 Predicted MQL: 1.093775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00032	.000	.000	-.00172	.002	1
S1	5.0000	5.3769	.377	7.54	.05126	.001	1
S2	37.500	35.637	-1.86	-4.97	.35104	.003	1
S3	75.000	71.609	-3.39	-4.52	.70709	.004	1
S4	150.00	143.11	-6.89	-4.59	1.4148	.011	1
S5	300.00	293.27	-6.73	-2.24	2.9009	.029	1
S6	800.00	818.50	18.5	2.31	8.0977	.045	1

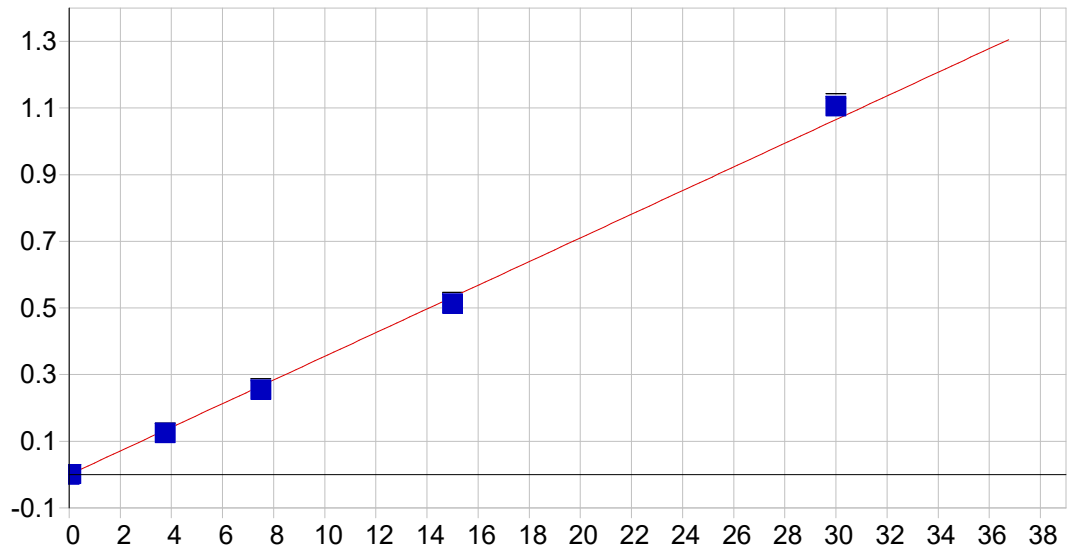


V 292.402 {115}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000038	Re-Slope:	1.000000
A1 (Gain):	0.068004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.007201		
Predicted MQL:	0.024004		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.001	1
S1	.05000	.05393	.004	7.86	.00362	.000	1
S2	.62500	.62482	-.000	-.029	.04041	.001	1
S3	1.2500	1.2552	.005	.418	.08125	.001	1
S4	2.5000	2.4791	-.021	-.835	.16040	.002	1
S5	5.0000	5.0117	.012	.234	.32448	.004	1

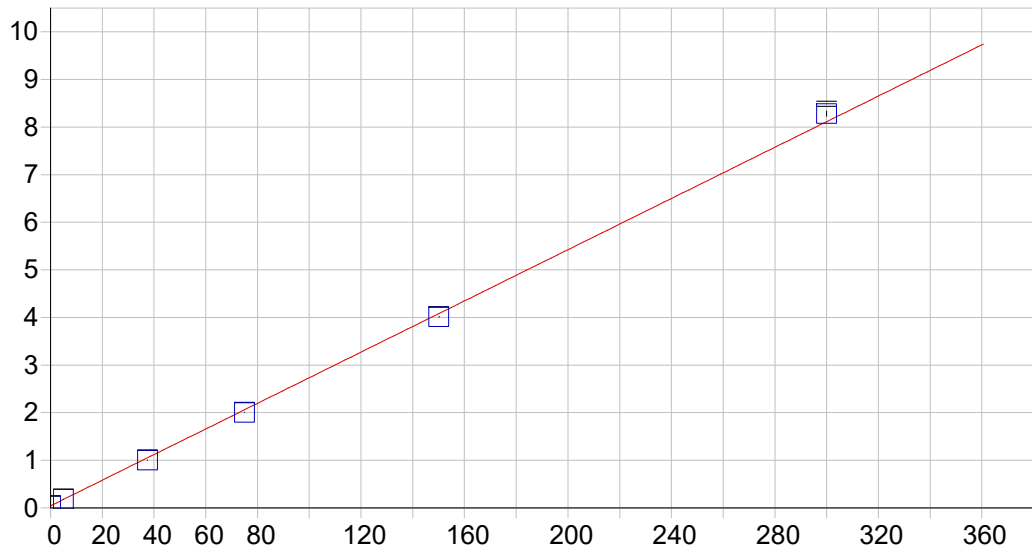


Zn 213.856 {158}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.035518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999166 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.013344
 Predicted MQL: 0.044481

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00019	.000	1
S1	.06000	.05401	-.006	-9.99	.00173	.000	1
S2	3.7500	3.5099	-.240	-6.40	.12469	.000	1
S3	7.5000	7.1620	-.338	-4.51	.25462	.003	1
S4	15.000	14.449	-.551	-3.67	.51388	.003	1
S5	30.000	31.135	1.14	3.78	1.1074	.007	1

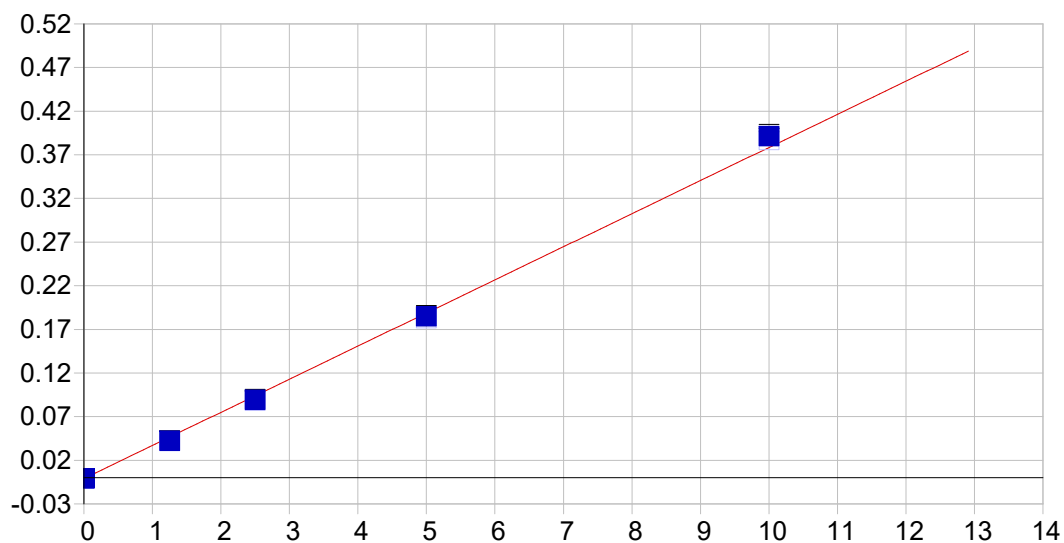


K 769.896 { 44 }

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.044880 Re-Slope: 1.000000
A1 (Gain): 0.026897 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999709 Status: OK.
Std Error of Est: 0.001339
Predicted MDL: 0.094081
Predicted MQL: 0.313603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.04489	.002	1
S1	5.0000	5.1626	.163	3.25	.18374	.004	1
S2	37.500	35.642	-1.86	-4.96	1.0035	.004	1
S3	75.000	72.860	-2.14	-2.85	2.0046	.002	1
S4	150.00	147.54	-2.46	-1.64	4.0134	.001	1
S5	300.00	306.29	6.29	2.10	8.2833	.053	1

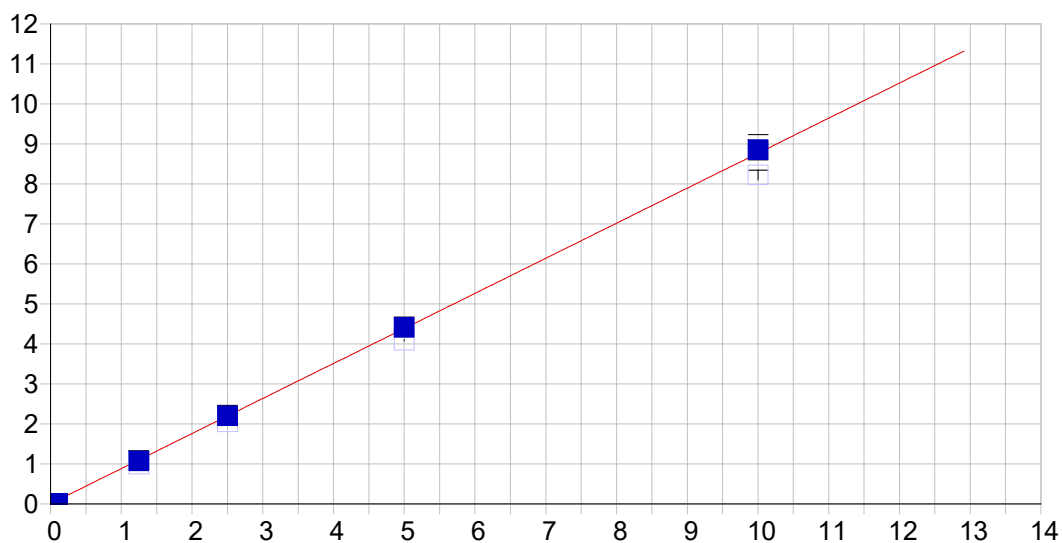


P 177.495 {490}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000952 Re-Slope: 1.000000
 A1 (Gain): 0.037937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999180 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002971
 Predicted MQL: 0.009902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00095	.000	1
S1	.01000	.00938	-.001	-6.16	-.00060	.000	1
S2	1.2500	1.1390	-.111	-8.88	.04173	.000	1
S3	2.5000	2.3711	-.129	-5.16	.08794	.001	1
S4	5.0000	4.9004	-.100	-1.99	.18283	.001	1
S5	10.000	10.340	.340	3.40	.38707	.002	1

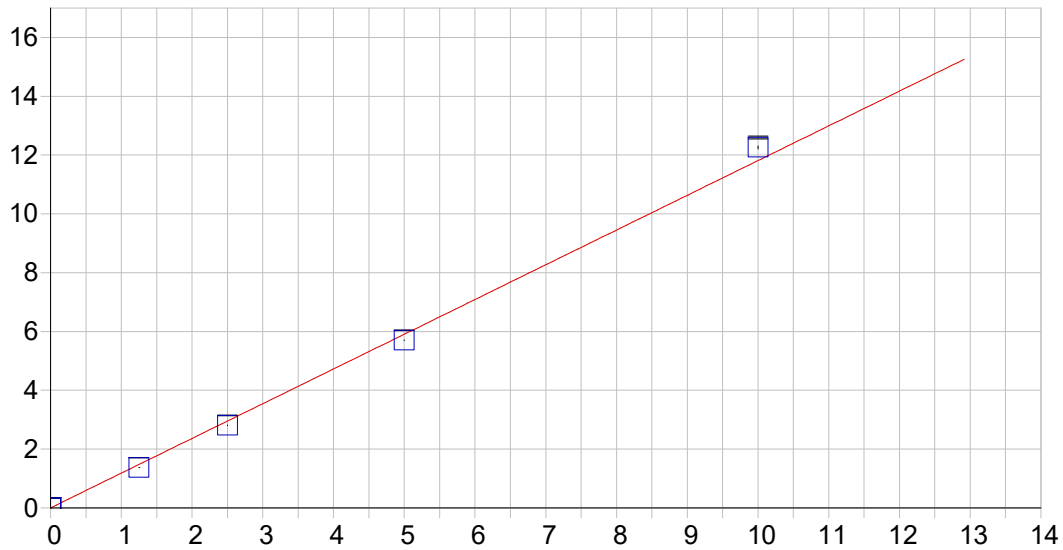


B 249.678 {135}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006784	Re-Slope:	1.000000
A1 (Gain):	0.876223	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997358	Status:	OK.
Std Error of Est:	0.003146		
Predicted MDL:	0.001058		
Predicted MQL:	0.003526		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00686	.001	1
S1	.10000	.00834	-.092	-91.7	.01391	.000	1
S2	1.2500	1.2183	-.032	-2.54	.99479	.007	1
S3	2.5000	2.5066	.007	.265	2.0442	.012	1
S4	5.0000	5.0215	.021	.429	4.0887	.014	1
S5	10.000	10.102	.102	1.02	8.2227	.129	1

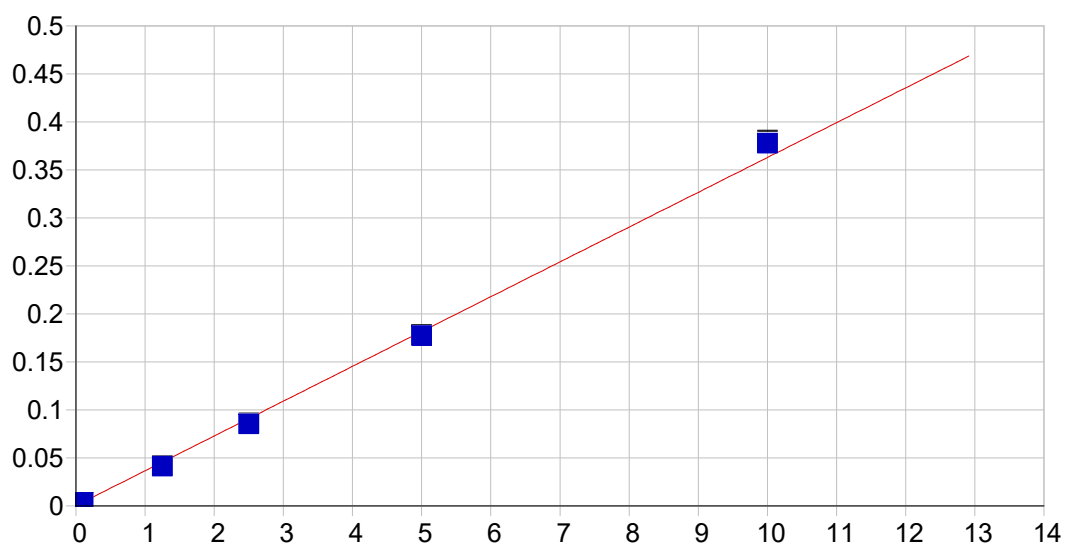


Mo 202.030 {467}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000751 Re-Slope: 1.000000
 A1 (Gain): 1.181198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999137 Status: OK.
 Std Error of Est: 0.000824
 Predicted MDL: 0.000264
 Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00075	.000	1
S1	.01000	.01057	.001	5.70	.01324	.000	1
S2	1.2500	1.1618	-.088	-7.05	1.3731	.003	1
S3	2.5000	2.3782	-.122	-4.87	2.8099	.014	1
S4	5.0000	4.8294	-.171	-3.41	5.7052	.014	1
S5	10.000	10.380	.380	3.80	12.262	.051	1

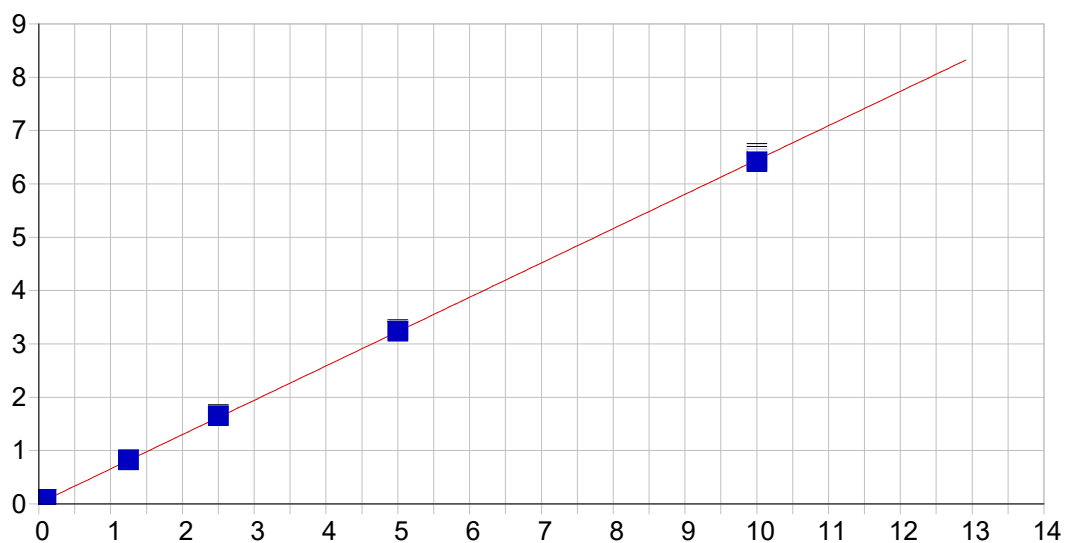


S 182.034 {485}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000345 Re-Slope: 1.000000
 A1 (Gain): 0.036260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998892 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.003981
 Predicted MQL: 0.013270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00035	.000	1
S1	.10000	.08971	-.010	-10.3	.00360	.000	1
S2	1.2500	1.1259	-.124	-9.93	.04127	.000	1
S3	2.5000	2.3457	-.154	-6.17	.08559	.001	1
S4	5.0000	4.8837	-.116	-2.33	.17781	.001	1
S5	10.000	10.405	.405	4.05	.37839	.003	1

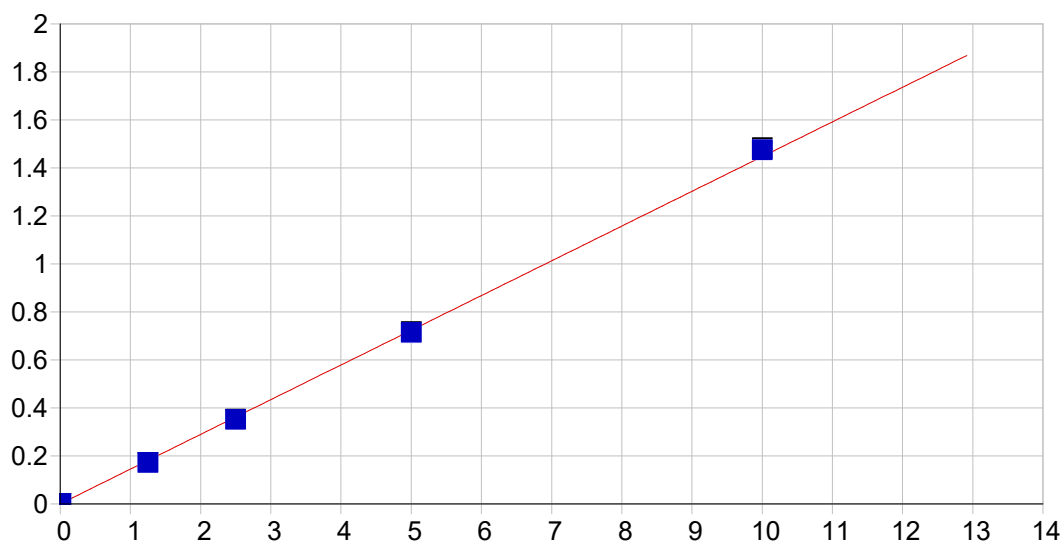


Si 251.611 {134}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012674 Re-Slope: 1.000000
 A1 (Gain): 0.643579 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000313
 Predicted MDL: 0.001303
 Predicted MQL: 0.004344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01267	.001	1
S1	.10000	.10702	.007	7.02	.08178	.001	1
S2	1.2500	1.2552	.005	.419	.82764	.002	1
S3	2.5000	2.5427	.043	1.71	1.6634	.011	1
S4	5.0000	5.0026	.003	.053	3.2607	.007	1
S5	10.000	9.9424	-.058	-.576	6.4683	.104	1

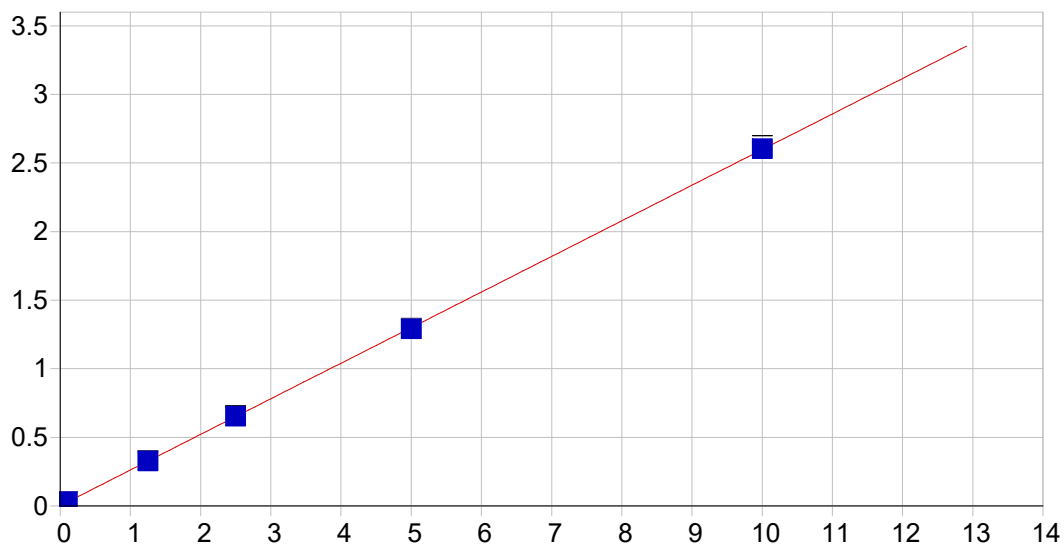


Sn 189.989 {478}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000201	Re-Slope:	1.000000
A1 (Gain):	0.144674	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999727	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.001002		
Predicted MQL:	0.003340		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.00700	.00804	.001	14.8	.00133	.000	1
S2	1.2500	1.1878	-.062	-4.97	.17167	.000	1
S3	2.5000	2.4277	-.072	-2.89	.35067	.001	1
S4	5.0000	4.9340	-.066	-1.32	.71252	.004	1
S5	10.000	10.200	.200	2.00	1.4728	.008	1

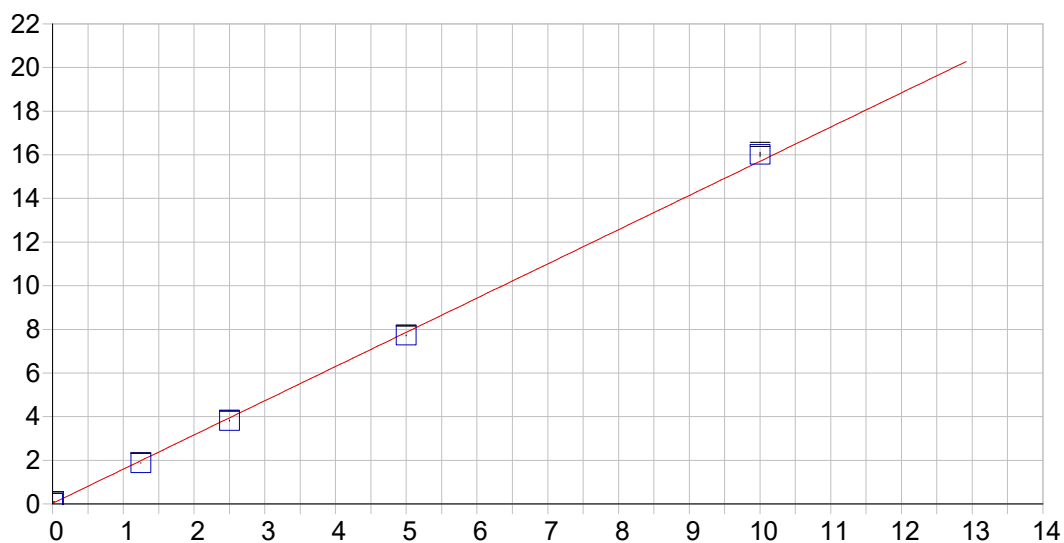


Ti 336.121 {100}

Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002117 Re-Slope: 1.000000
 A1 (Gain): 0.259545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.002778
 Predicted MQL: 0.009259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00211	.000	1
S1	.10000	.11135	.011	11.3	.03101	.000	1
S2	1.2500	1.2463	-.004	-.297	.32547	.002	1
S3	2.5000	2.5059	.006	.238	.65230	.005	1
S4	5.0000	4.9605	-.039	-.789	1.2891	.005	1
S5	10.000	10.026	.026	.259	2.6034	.023	1

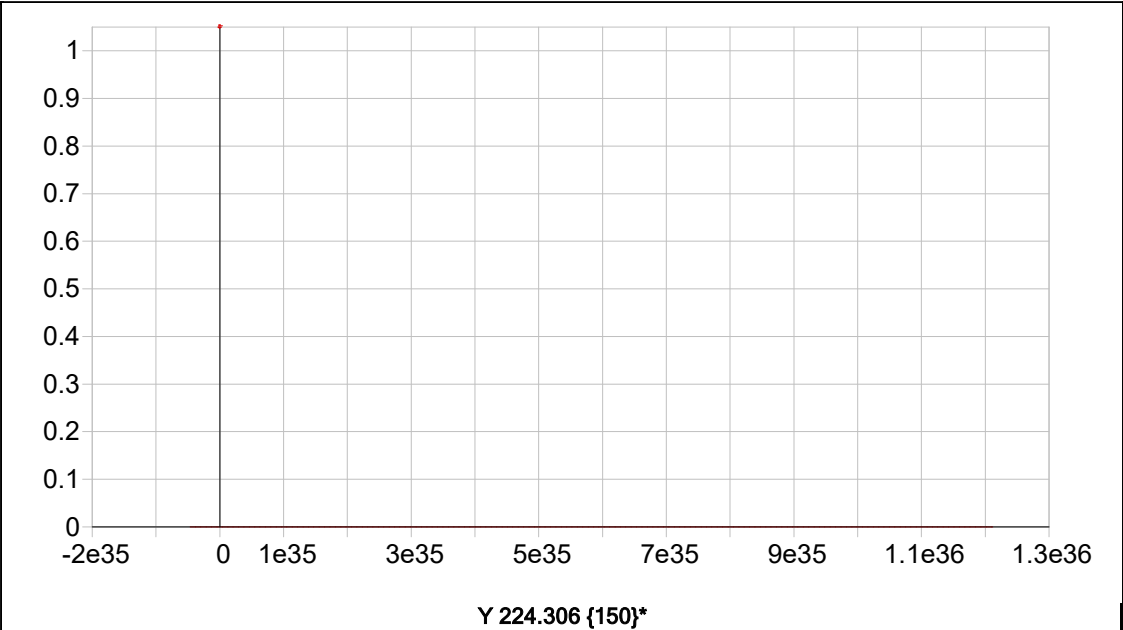


Li 670.784 { 50}

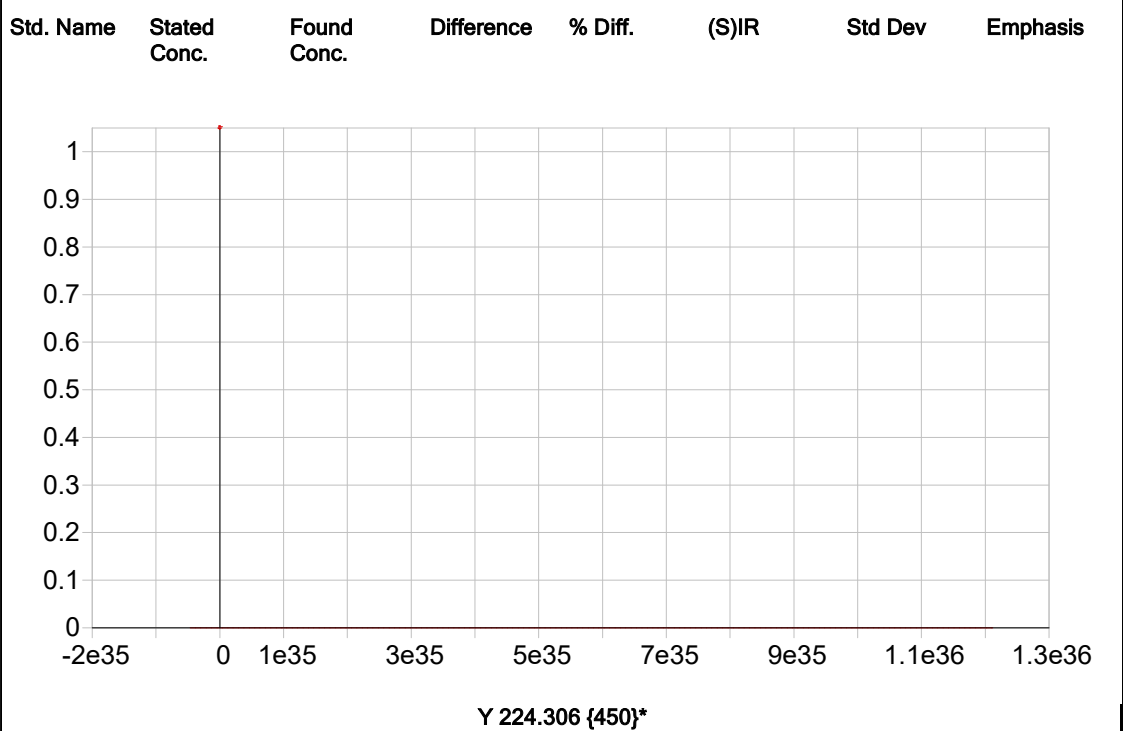
Date of Fit: 02/21/2019 15:02:18 Type of Fit: Linear Weighting: 1/Conc

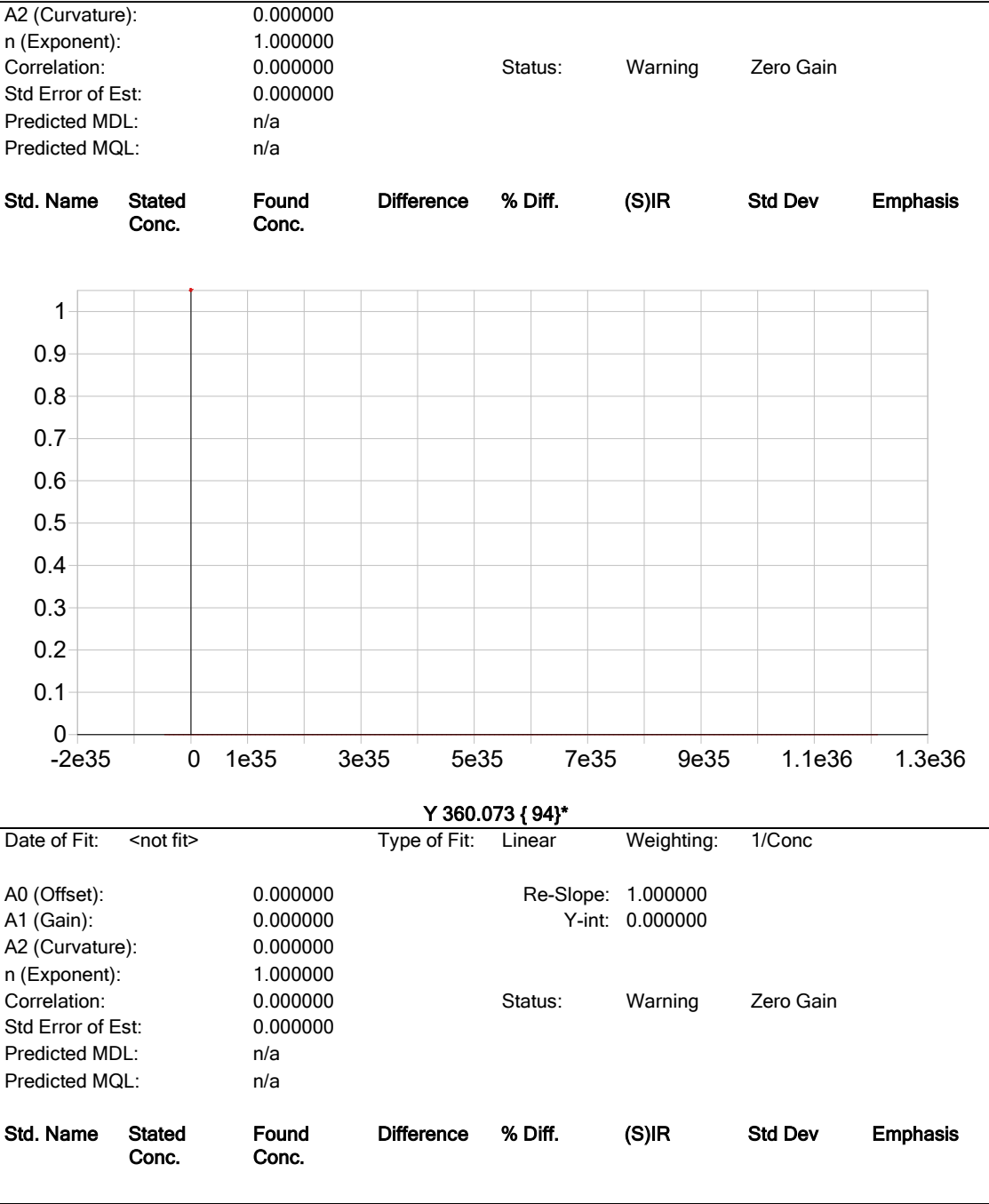
A0 (Offset): 0.024571 Re-Slope: 1.000000
 A1 (Gain): 1.567997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997427 Status: OK.
 Std Error of Est: 0.002315
 Predicted MDL: 0.002055
 Predicted MQL: 0.006851

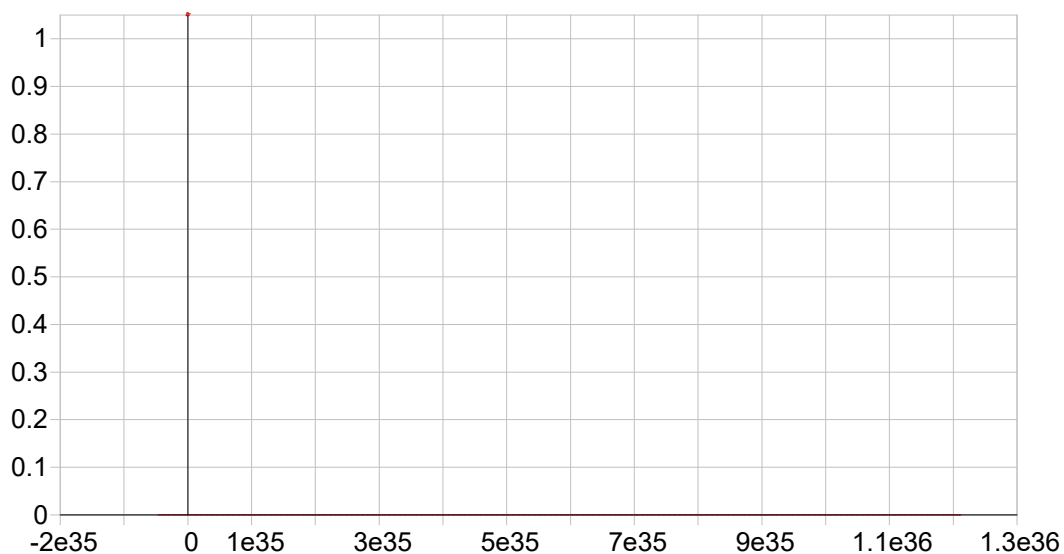
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02452	.004	1
S5	10.000	10.203	.203	2.03	16.022	.093	1
S4	5.0000	4.9095	-.090	-1.81	7.7227	.028	1
S3	2.5000	2.4203	-.080	-3.19	3.8195	.021	1
S2	1.2500	1.1819	-.068	-5.44	1.8779	.011	1
S1	.01500	.05068	.036	238.	.10404	.002	1



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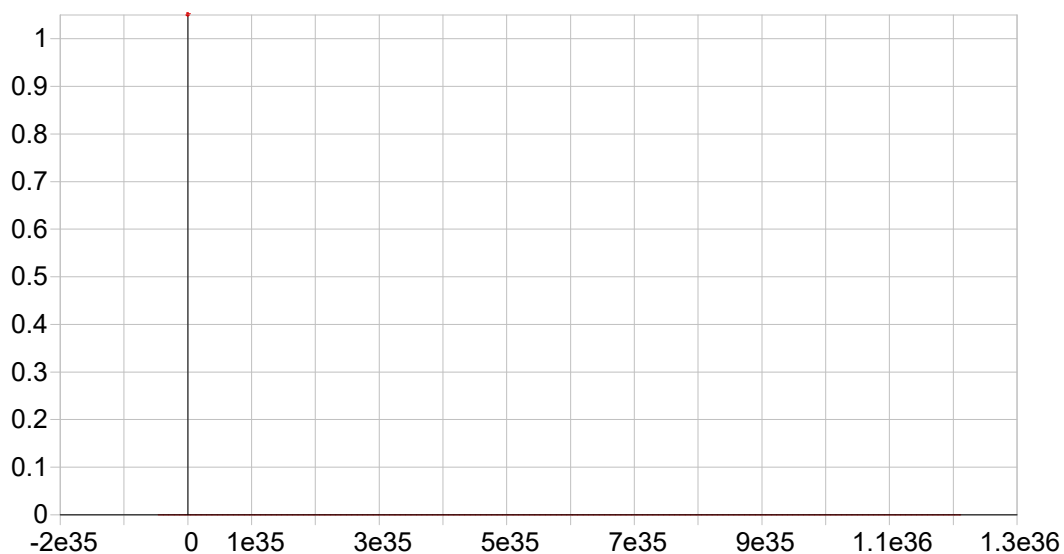




Y 371.030 { 91}*

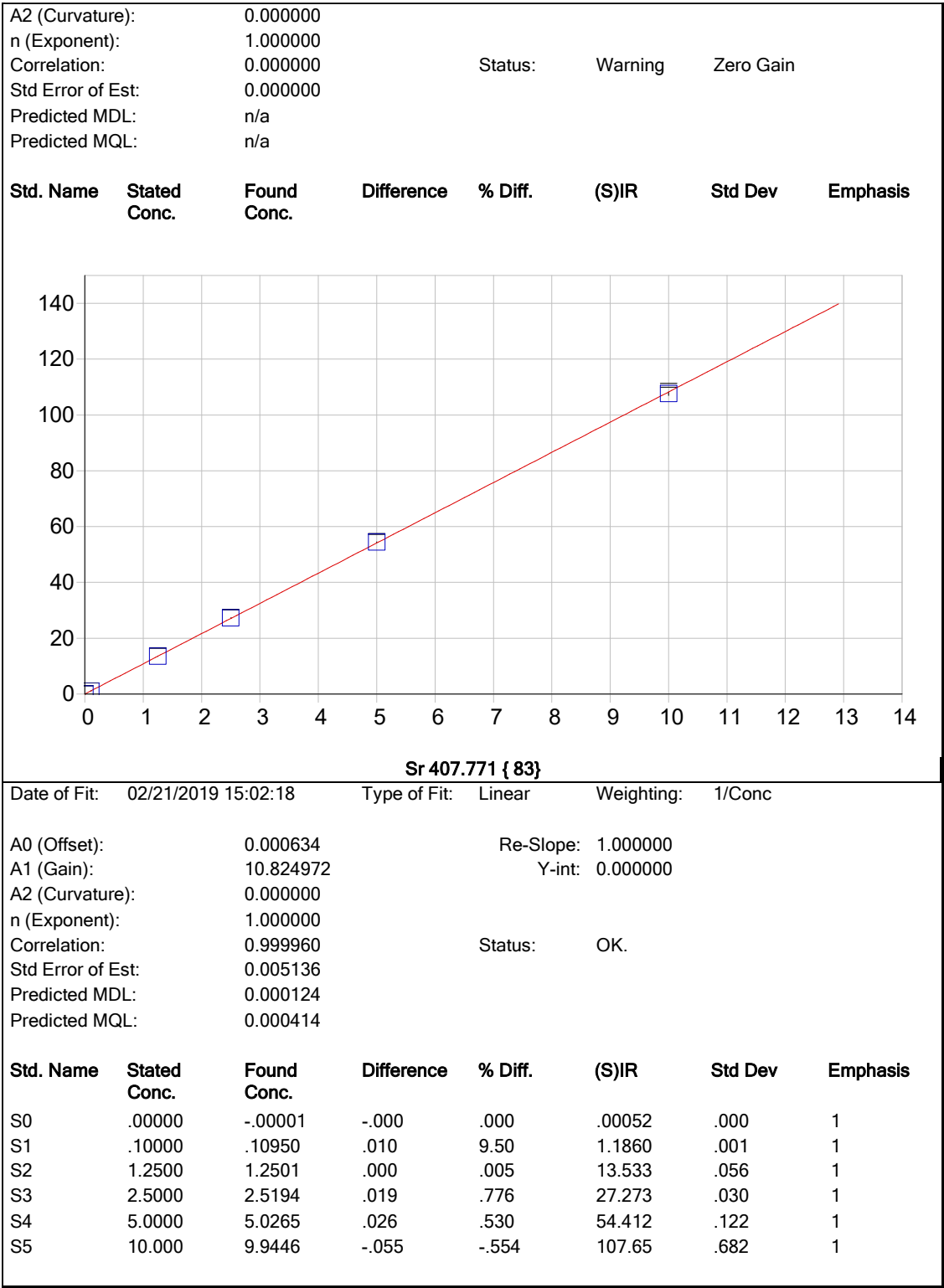
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 02/21/2019 11:29:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00036	-.00049	-.00043	.00078	.00080	.00509	.02814	-.00298
Stddev	.00027	.00017	.00013	.00011	.00024	.00103	.00106	.00030
%RSD	74.736	35.198	30.005	14.307	30.162	20.156	3.7602	10.031

#1	-.00061	-.00066	-.00031	.00090	.00083	.00486	.02707	-.00285
#2	-.00037	-.00032	-.00043	.00077	.00055	.00420	.02817	-.00333
#3	-.00008	-.00049	-.00056	.00068	.00102	.00621	.02919	-.00278

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	.00024	.00233	-.00000	.00046	.00145	.00066	.00005	-.00023
Stddev	.00023	.00089	.00010	.00024	.00066	.00002	.00041	.00027
%RSD	95.578	38.123	6557.7	52.011	45.587	3.7420	893.54	116.82

#1	.00049	.00169	-.00009	.00026	.00198	.00063	-.00015	-.00050
#2	.00004	.00334	.00011	.00073	.00167	.00067	-.00022	.00004
#3	.00019	.00196	-.00003	.00039	.00071	.00067	.00051	-.00024

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	-.00180	-.00103	-.00172	-.00004	-.00019	.04489	-.00095	.00686
Stddev	.00034	.00013	.00196	.00059	.00016	.00153	.00002	.00086
%RSD	18.961	12.526	114.09	1567.1	82.141	3.4073	1.6523	12.504

#1	-.00208	-.00118	.00054	-.00056	-.00026	.04661	-.00094	.00681
#2	-.00189	-.00098	-.00296	-.00017	-.00030	.04369	-.00095	.00603
#3	-.00142	-.00094	-.00274	.00061	-.00001	.04436	-.00097	.00775

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	.00075	.00035	.01267	.00020	.00211	.02452	.00052	
Stddev	.00037	.00002	.00097	.00014	.00014	.00417	.00035	
%RSD	49.617	4.3389	7.6939	70.213	6.4699	17.012	67.272	

#1	.00033	.00036	.01271	.00026	.00213	.01971	.00054	
#2	.00087	.00035	.01167	.00004	.00224	.02673	.00087	
#3	.00105	.00033	.01362	.00031	.00197	.02711	.00016	

Sample Name: S0 Acquired: 02/21/2019 11:29:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.8	2037.3	38136.	3507.3	3130.9
Stddev	22.3	6.7	55.	25.3	5.0
%RSD	1.2427	.32940	.14341	.72181	.15996
#1	1787.2	2039.9	38192.	3502.5	3133.0
#2	1775.5	2042.2	38083.	3484.7	3134.5
#3	1818.6	2029.6	38132.	3534.7	3125.2

Sample Name: K1440-02 Acquired: 02/21/2019 12:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042658	-.000707	.0013014	.0407250	-.002726	.0009971	.0602454
Stddev	.0016059	.000495	.0012797	.0041179	.001439	.0108329	.0000999
%RSD	37.64620	69.92928	98.33369	10.11160	52.77181	1086.409	.1658588

#1	.0060255	-.001052	.0024927	.0439891	-.001329	.0046741	.0602613
#2	.0028794	-.000141	.0014629	.0420873	-.002646	.0095129	.0601385
#3	.0038925	-.000929	-.000051	.0360985	-.004203	-.011196	.0603365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001186	-.000089	9.375889	.0000548	-.000008	-.004420	.0976843
Stddev	.0000422	.000014	.114003	.0001426	.000199	.009157	.0097247
%RSD	35.62581	15.91650	1.215914	260.2591	2510.357	207.1823	9.955193

#1	.0001357	-.000074	9.386342	-.000038	.000220	-.014942	.0995522
#2	.0000705	-.000090	9.484306	.000219	-.000149	-.000061	.1063394
#3	.0001496	-.000103	9.257020	-.000016	-.000094	.001744	.0871611

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119756	3.683590	.0006198	.0001841	254.4464	-.000739	.0101048
Stddev	.0008811	.054187	.0000806	.0003188	.9834	.001157	.0129853
%RSD	7.357077	1.471049	12.99644	173.2065	.3864810	156.5600	128.5060

#1	.0119300	3.713755	.0005822	-.000184	254.3066	-.002010	.0021503
#2	.0128786	3.715983	.0007122	.000359	255.4922	-.000461	.0250894
#3	.0111183	3.621033	.0005648	.000377	253.5404	.000253	.0030747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935139	.0902841	1.056429	-.000243	10.67855	4.001041	.0048258
Stddev	.021414	.0024433	.005619	.000106	.13472	.011736	.0012926
%RSD	1.106580	2.706219	.5318460	43.68475	1.261576	.2933259	26.78510

#1	1.913267	.0889288	1.059557	-.000128	10.54469	4.012825	.0040629
#2	1.936088	.0931046	1.049942	-.000265	10.67684	3.989353	.0063183
#3	1.956063	.0888188	1.059787	-.000337	10.81411	4.000945	.0040964

Sample Name: K1440-02 Acquired: 02/21/2019 12:25:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001346	.0089067	.2155119
Stddev	.000733	.0017687	.0007701
%RSD	54.46116	19.85746	.3573438

#1	-.002192	.0107426	.2146290
#2	-.000928	.0072140	.2158609
#3	-.000917	.0087635	.2160456

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.348	2010.567	39657.77	3573.192	3114.558
Stddev	12.129	17.695	143.57	6.953	19.306
%RSD	.6583569	.8800994	.3620308	.1945900	.6198530

#1	1834.480	2026.927	39569.02	3567.275	3133.861
#2	1856.316	2012.987	39823.41	3580.850	3114.563
#3	1836.247	1991.786	39580.88	3571.450	3095.250

Sample Name: S1 Acquired: 02/21/2019 11:33:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00018	.00120	.00179	.00458	.01481	.02287	.95759	.06712
Stddev	.00016	.00011	.00017	.00025	.00043	.00145	.00896	.00081
%RSD	88.050	9.0591	9.6686	5.4802	2.9072	6.3580	.93610	1.2058

#1	.00034	.00119	.00170	.00485	.01456	.02424	.95824	.06805
#2	.00002	.00131	.00169	.00435	.01531	.02135	.94832	.06666
#3	.00019	.00109	.00199	.00454	.01457	.02304	.96622	.06664

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	.01898	.19610	.00233	.05089	.00454	.00171	.00249	.02967
Stddev	.00027	.00335	.00001	.00036	.00008	.00012	.00027	.00039
%RSD	1.4290	1.7090	.51519	.70914	1.7408	7.2465	10.831	1.3221

#1	.01920	.19988	.00232	.05110	.00449	.00179	.00280	.03011
#2	.01867	.19350	.00233	.05109	.00463	.00157	.00230	.02952
#3	.01906	.19493	.00234	.05047	.00450	.00178	.00238	.02937

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	.03024	.00254	.05126	.00362	.00173	.18374	-.00060	.01391
Stddev	.00029	.00021	.00068	.00039	.00021	.00390	.00002	.00004
%RSD	.96000	8.2217	1.3239	10.725	12.179	2.1215	3.0327	.25856

#1	.03057	.00250	.05063	.00383	.00192	.17942	-.00061	.01395
#2	.03007	.00277	.05116	.00387	.00177	.18482	-.00058	.01388
#3	.03008	.00235	.05198	.00318	.00151	.18699	-.00060	.01391

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	.01324	.00360	.08178	.00133	.03101	.10404	1.1860	
Stddev	.00035	.00007	.00087	.00022	.00024	.00162	.0013	
%RSD	2.6285	1.9398	1.0623	16.299	.77961	1.5607	.10842	

#1	.01343	.00368	.08091	.00123	.03081	.10559	1.1856	
#2	.01284	.00354	.08178	.00158	.03095	.10418	1.1850	
#3	.01345	.00357	.08265	.00119	.03128	.10235	1.1875	

Sample Name: S1 Acquired: 02/21/2019 11:33:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.8	2034.1	38201.	3501.4	3139.1
Stddev	4.8	4.7	52.	26.5	11.5
%RSD	.26513	.23071	.13490	.75550	.36767
#1	1794.2	2037.4	38233.	3493.0	3144.9
#2	1790.3	2036.0	38142.	3531.1	3146.6
#3	1799.8	2028.7	38229.	3480.2	3125.8

Sample Name: S6 Acquired: 02/21/2019 11:52:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	78.866	28.261	10.006	4.6139	8.0977
Stddev	.228	.110	.009	.0048	.0451
%RSD	.28854	.39018	.08632	.10479	.55710

#1	79.075	28.357	10.003	4.6180	8.1381
#2	78.899	28.285	9.9986	4.6151	8.1059
#3	78.623	28.140	10.015	4.6086	8.0490

Int. Std.	Y_3710
Units	Cts/S
Avg	3326.1
Stddev	56.9
%RSD	1.7119

#1	3282.1
#2	3305.8
#3	3390.4

Sample Name: S2 Acquired: 02/21/2019 11:37:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05755	.07955	1.1850	.12914	.26776	3.5120	10.559	1.6393
Stddev	.00016	.00021	.0017	.00054	.00033	.0223	.044	.0044
%RSD	.27132	.26166	.13941	.42101	.12431	.63399	.41408	.27054

#1	.05773	.07965	1.1839	.12960	.26738	3.5371	10.591	1.6444
#2	.05745	.07931	1.1841	.12854	.26788	3.5041	10.576	1.6361
#3	.05747	.07969	1.1869	.12928	.26801	3.4948	10.509	1.6374

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1144	2.2019	.74161	.58922	.41520	.48574	.56818	.33545
Stddev	.0071	.0231	.00023	.00085	.00134	.00757	.00835	.00367
%RSD	.33495	1.0474	.03036	.14415	.32360	1.5579	1.4695	1.0949

#1	2.1133	2.2285	.74187	.58883	.41607	.49304	.57688	.33961
#2	2.1080	2.1880	.74151	.58864	.41588	.48625	.56744	.33413
#3	2.1220	2.1892	.74146	.59020	.41365	.47793	.56023	.33263

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	.44445	.09793	.35104	.04041	.12469	1.0035	.04173	.99479
Stddev	.00076	.00026	.00287	.00072	.00025	.0043	.00015	.00684
%RSD	.17149	.26997	.81791	1.7702	.20188	.42651	.37029	.68769

#1	.44493	.09823	.35388	.04058	.12497	1.0085	.04157	.99985
#2	.44357	.09772	.35109	.04103	.12461	1.0013	.04173	.98701
#3	.44485	.09784	.34814	.03963	.12449	1.0008	.04188	.99752

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	1.3731	.04127	.82764	.17167	.32547	1.8779	13.533
Stddev	.0029	.00028	.00239	.00048	.00239	.0109	.056
%RSD	.21272	.68324	.28905	.27740	.73459	.57868	.41535

#1	1.3739	.04124	.82992	.17206	.32711	1.8895	13.557
#2	1.3699	.04100	.82515	.17114	.32657	1.8760	13.572
#3	1.3755	.04156	.82783	.17182	.32273	1.8681	13.468

Sample Name: S2 Acquired: 02/21/2019 11:37:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.0	1924.3	37393.	3426.6	2921.1
Stddev	3.7	5.1	147.	19.3	9.9
%RSD	.21789	.26611	.39345	.56330	.33981
#1	1709.6	1919.5	37448.	3404.5	2911.7
#2	1716.3	1929.7	37226.	3435.3	2931.5
#3	1710.1	1923.8	37504.	3440.1	2920.0

Sample Name: S3 Acquired: 02/21/2019 11:41:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11871	.16094	2.4136	.25991	.54630	7.1112	21.452	3.2995
Stddev	.00046	.00082	.0102	.00087	.00439	.0586	.050	.0258
%RSD	.38708	.50671	.42278	.33620	.80297	.82360	.23376	.78305

#1	.11850	.16050	2.4065	.26083	.54607	7.1620	21.492	3.3284
#2	.11839	.16043	2.4089	.25909	.54204	7.0472	21.396	3.2914
#3	.11924	.16188	2.4253	.25980	.55080	7.1245	21.469	3.2786

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	4.2814	4.3920	1.4798	1.2017	.82824	.95994	1.1334	.67691
Stddev	.0181	.0647	.0058	.0038	.00070	.01499	.0166	.00811
%RSD	.42185	1.4732	.39188	.31471	.08399	1.5615	1.4655	1.1979

#1	4.2690	4.4453	1.4790	1.2002	.82884	.97319	1.1465	.68407
#2	4.2731	4.3200	1.4860	1.1990	.82748	.94367	1.1147	.66811
#3	4.3021	4.4107	1.4745	1.2060	.82841	.96297	1.1390	.67856

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	.90379	.20201	.70709	.08125	.25462	2.0046	.08794	2.0442
Stddev	.00388	.00047	.00444	.00117	.00313	.0023	.00077	.0117
%RSD	.42965	.23387	.62824	1.4342	1.2276	.11579	.88056	.57448

#1	.90103	.20252	.71123	.08238	.25798	2.0055	.08772	2.0576
#2	.90210	.20191	.70240	.08131	.25179	2.0020	.08730	2.0390
#3	.90823	.20159	.70765	.08005	.25410	2.0063	.08880	2.0359

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	2.8099	.08559	1.6634	.35067	.65230	3.8195	27.273	
Stddev	.0141	.00070	.0113	.00150	.00533	.0215	.030	
%RSD	.50368	.82035	.67954	.42716	.81680	.56146	.11033	

#1	2.8056	.08487	1.6757	.34983	.65595	3.8343	27.293	
#2	2.7984	.08562	1.6610	.34979	.64619	3.7949	27.288	
#3	2.8257	.08628	1.6534	.35240	.65476	3.8293	27.238	

Sample Name: S3 Acquired: 02/21/2019 11:41:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.2	1865.4	37261.	3447.4	2812.9
Stddev	15.2	7.1	142.	22.9	7.7
%RSD	.89981	.37892	.38213	.66332	.27364
#1	1679.7	1866.5	37230.	3421.4	2816.5
#2	1706.8	1871.9	37416.	3464.4	2818.1
#3	1681.2	1857.9	37137.	3456.4	2804.0

Sample Name: S4 Acquired: 02/21/2019 11:45:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24355	.31743	4.8939	.51456	1.1193	14.299	43.044	6.4955
Stddev	.00041	.00209	.0232	.00199	.0029	.075	.095	.0229
%RSD	.16632	.65751	.47446	.38668	.26179	.52545	.22095	.35318

#1	.24313	.31603	4.8780	.51259	1.1167	14.265	43.051	6.5106
#2	.24358	.31643	4.8831	.51452	1.1187	14.386	43.136	6.4691
#3	.24394	.31983	4.9205	.51657	1.1225	14.248	42.946	6.5069

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	8.5442	8.7247	2.8990	2.4132	1.6462	1.8818	2.2156	1.3544
Stddev	.0362	.0869	.0061	.0110	.0022	.0229	.0280	.0125
%RSD	.42429	.99605	.21125	.45570	.13333	1.2189	1.2640	.92278

#1	8.5128	8.6786	2.9054	2.4027	1.6476	1.8673	2.2006	1.3502
#2	8.5359	8.8250	2.8985	2.4122	1.6472	1.9083	2.2480	1.3684
#3	8.5839	8.6706	2.8932	2.4246	1.6436	1.8699	2.1983	1.3445

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	1.8156	.41200	1.4148	.16040	.51388	4.0134	.18283	4.0887
Stddev	.0052	.00269	.0112	.00234	.00325	.0013	.00101	.0141
%RSD	.28878	.65179	.79213	1.4582	.63190	.03109	.55367	.34431

#1	1.8109	.40893	1.4071	.15853	.51015	4.0129	.18184	4.0894
#2	1.8146	.41318	1.4277	.16302	.51611	4.0125	.18280	4.0743
#3	1.8213	.41389	1.4097	.15966	.51537	4.0148	.18386	4.1025

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7052	.17781	3.2607	.71252	1.2891	7.7227	54.412
Stddev	.0140	.00052	.0075	.00362	.0052	.0285	.122
%RSD	.24583	.29018	.22842	.50774	.40037	.36874	.22390

#1	5.6974	.17755	3.2635	.70960	1.2858	7.7224	54.522
#2	5.6969	.17747	3.2523	.71138	1.2951	7.7513	54.281
#3	5.7214	.17840	3.2664	.71657	1.2866	7.6944	54.433

Sample Name: S4 Acquired: 02/21/2019 11:45:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.2	1781.2	37270.	3472.1	2678.4
Stddev	8.1	4.3	17.	4.1	8.4
%RSD	.49363	.24201	.04643	.11879	.31469
#1	1640.2	1784.0	37254.	3476.1	2685.3
#2	1628.8	1783.3	37269.	3472.2	2680.8
#3	1624.7	1776.2	37288.	3467.9	2669.0

Sample Name: ICSAB Acquired: 02/21/2019 12:09:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982414	.1096216	.0498906	.0476852	.5916774	225.1587
Stddev	.0049791	.0048737	.0014523	.0046956	.0022877	.4272
%RSD	5.068215	4.445888	2.910949	9.847138	.3866522	.1897268

#1	.1029831	.1149804	.0486233	.0446356	.5936168	224.7209
#2	.0930548	.1084302	.0495730	.0530925	.5922609	225.5744
#3	.0986863	.1054541	.0514753	.0453274	.5891544	225.1808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5123924	.4969650	1.002941	240.5992	.5852629	.4946567
Stddev	.0012215	.0076327	.004381	1.7925	.0011250	.0023524
%RSD	.2383850	1.535868	.4367985	.7450047	.1922152	.4755608

#1	.5132670	.4908508	.999917	238.7800	.5842387	.4925974
#2	.5129133	.5055194	1.000940	242.3637	.5850832	.4941525
#3	.5109968	.4945246	1.007964	240.6537	.5864669	.4972204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086496	99.56678	.5292548	246.0365	1.012990	.1630397
Stddev	.0004288	.63017	.0048096	1.2665	.004135	.0018495
%RSD	.0843018	.6329164	.9087462	.5147593	.4082035	1.134387

#1	.5085809	98.96219	.5237950	245.0263	1.009979	.1645561
#2	.5082594	100.2197	.5311040	247.4574	1.011287	.1609792
#3	.5091086	99.5184	.5328653	245.6257	1.017705	.1635838

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.185348	.5146727	.9513867	-.446436	.5349366	F .6372667
Stddev	.431695	.0047657	.0151587	.054650	.0017154	.0062191
%RSD	232.9099	.9259668	1.593326	12.24141	.3206773	.9759093

#1	.299881	.5094903	.9677651	-.401742	.5354680	.6311032
#2	-.329097	.5156612	.9485452	-.507363	.5330184	.6435400
#3	-.526829	.5188666	.9378498	-.430201	.5363234	.6371568

Sample Name: ICSAB Acquired: 02/21/2019 12:09:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5150512	.5228031	.5431318	F .5569464	.5722327	.5301179
Stddev	.0021464	.0031516	.0074548	.0018671	.0038107	.0010188
%RSD	.4167281	.6028238	1.372554	.3352350	.6659414	.1921831
#1	.5168949	.5211222	.5373180	.5590214	.5691685	.5289971
#2	.5126949	.5208483	.5515363	.5554021	.5764997	.5309878
#3	.5155637	.5264388	.5405410	.5564157	.5710299	.5303689

Elem	Sr4077
Units	ppm
Avg	.6767838
Stddev	.0015626
%RSD	.2308804
#1	.6764006
#2	.6785023
#3	.6754484

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.252	1866.018	37061.47	3477.229	2742.748
Stddev	22.416	2.086	303.67	17.788	5.773
%RSD	1.317615	.1117934	.8193785	.5115610	.2104688
#1	1679.644	1864.205	36757.48	3477.796	2743.667
#2	1724.397	1868.298	37364.83	3459.163	2748.006
#3	1699.715	1865.552	37062.10	3494.726	2736.571

Sample Name: S5 Acquired: 02/21/2019 11:49:00 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.53369	.63508	10.114	1.0738	2.4328	29.712	87.732	12.806
Stddev	.00197	.00320	.054	.0058	.0120	.251	.350	.164
%RSD	.36847	.50343	.53002	.53607	.49340	.84623	.39930	1.2794

#1	.53294	.63379	10.083	1.0683	2.4288	29.658	87.952	12.779
#2	.53221	.63272	10.083	1.0733	2.4233	29.987	87.917	12.981
#3	.53592	.63872	10.176	1.0797	2.4463	29.493	87.328	12.657

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	17.348	17.735	5.7611	4.9598	3.3336	3.7508	4.4107	2.7816
Stddev	.098	.260	.0085	.0235	.0146	.0536	.0742	.0387
%RSD	.56552	1.4671	.14816	.47355	.43635	1.4281	1.6814	1.3903

#1	17.279	17.629	5.7630	4.9412	3.3345	3.7226	4.3648	2.7612
#2	17.304	18.031	5.7685	4.9519	3.3478	3.8126	4.4963	2.8262
#3	17.460	17.544	5.7518	4.9862	3.3187	3.7172	4.3711	2.7574

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	3.7009	.85872	2.9009	.32448	1.1074	8.2833	.38707	8.2227
Stddev	.0174	.00660	.0289	.00383	.0068	.0529	.00211	.1286
%RSD	.46990	.76903	.99779	1.1804	.61021	.63825	.54393	1.5642

#1	3.6881	.85185	2.8873	.32116	1.1012	8.2775	.38598	8.2288
#2	3.6938	.85928	2.9341	.32867	1.1064	8.3388	.38574	8.3481
#3	3.7207	.86503	2.8812	.32360	1.1146	8.2336	.38950	8.0911

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	12.262	.37839	6.4683	1.4728	2.6034	16.022	107.65	
Stddev	.051	.00251	.1042	.0084	.0230	.093	.68	
%RSD	.41345	.66348	1.6110	.57020	.88306	.57907	.63397	

#1	12.223	.37583	6.4593	1.4702	2.5940	16.005	107.01	
#2	12.243	.37848	6.5768	1.4661	2.6296	16.123	108.37	
#3	12.319	.38085	6.3689	1.4822	2.5866	15.940	107.57	

Sample Name: S5 Acquired: 02/21/2019 11:49:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.8	1556.5	35540.	3372.2	2410.9
Stddev	.3	6.2	83.	36.8	11.9
%RSD	.01875	.39729	.23266	1.0926	.49231
#1	1461.1	1560.5	35447.	3389.6	2416.3
#2	1460.6	1559.7	35607.	3329.9	2419.0
#3	1460.7	1549.4	35566.	3397.1	2397.2

Sample Name: ICV Acquired: 02/21/2019 11:57:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9329427	1.062967	.9335580	1.002735	.9658556	2.303562
Stddev	.0006428	.002987	.0070315	.007645	.0019151	.027164
%RSD	.0688981	.2810030	.7531962	.7623713	.1982817	1.179237

#1	.9325665	1.061674	.9289796	1.000216	.9636804	2.302645
#2	.9325767	1.060843	.9300401	.996667	.9672881	2.331173
#3	.9336849	1.066382	.9416541	1.011321	.9665983	2.276867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5055532	.4894252	.5009774	10.27252	.5330621	.4897944
Stddev	.0024587	.0017630	.0030603	.07124	.0013221	.0035490
%RSD	.4863284	.3602095	.6108600	.6935452	.2480123	.7245882

#1	.5045993	.4888331	.4993368	10.19062	.5337660	.4873872
#2	.5083458	.4880346	.4990872	10.32017	.5315370	.4881259
#3	.5037143	.4914080	.5045082	10.30678	.5338833	.4938702

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229287	5.348051	.5193941	5.716546	.5070927	.4590732
Stddev	.0030587	.024927	.0068890	.067704	.0033637	.0022590
%RSD	.5849266	.4660877	1.326361	1.184360	.6633393	.4920744

#1	.5263770	5.319633	.5119207	5.650058	.5046010	.4605338
#2	.5205429	5.358306	.5254908	5.714175	.5057580	.4602146
#3	.5218660	5.366215	.5207708	5.785405	.5109189	.4564713

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.896271	.5249873	.9525427	9.724529	F 2.150444	F 2.273914
Stddev	.188509	.0047327	.0436941	.045609	.005941	.007988
%RSD	1.904847	.9014815	4.587098	.4690050	.2762580	.3512725

#1	9.714646	.5228806	.9938759	9.733767	2.148573	2.265077
#2	10.09098	.5216738	.9569329	9.675009	2.145665	2.276044
#3	9.88319	.5304075	.9068192	9.764812	2.157095	2.280621

Sample Name: ICV Acquired: 02/21/2019 11:57:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.201164	F 2.126269	F 2.327808	F 2.259958	F 2.427295	F 2.198286
Stddev	.008706	.012785	.011233	.011747	.008590	.007943
%RSD	.3954974	.6012675	.4825612	.5198031	.3539069	.3613175
#1	2.195373	2.115958	2.322068	2.254133	2.418450	2.195783
#2	2.196945	2.122274	2.320605	2.252261	2.435605	2.207179
#3	2.211176	2.140573	2.340752	2.273479	2.427828	2.191897

Elem	Sr4077
Units	ppm
Avg	F 2.415611
Stddev	.013992
%RSD	.5792264
#1	2.426078
#2	2.421036
#3	2.399719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.751	1986.392	38295.55	3517.013	3069.552
Stddev	6.605	4.392	96.31	9.361	12.460
%RSD	.3705197	.2210934	.2514810	.2661551	.4059199
#1	1783.817	1986.545	38195.97	3506.695	3072.073
#2	1775.678	1990.705	38388.21	3524.960	3080.559
#3	1788.760	1981.926	38302.45	3519.384	3056.024

Sample Name: ICB Acquired: 02/21/2019 12:01:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001195	-.001695	.0000860	-.000804	-.001352	-.012340	-.000049
Stddev	.0038673	.001885	.0008252	.004095	.001668	.011611	.000766
%RSD	3235.497	111.2241	959.7472	509.5833	123.3339	94.09305	1550.632

#1	.0009873	-.000764	.0006473	.002577	-.000239	.000016	-.000075
#2	-.004108	-.003864	-.000861	.000369	-.000548	-.023025	-.000802
#3	.003479	-.000456	.000472	-.005357	-.003269	-.014012	.000729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000163	.0000543	.0086548	.0001964	.0000103	.0002067	-.033857
Stddev	.0000450	.0000209	.0252668	.0006156	.0001351	.0067163	.030855
%RSD	276.1721	38.41901	291.9399	313.4319	1307.022	3248.909	91.13192

#1	.0000218	.0000782	-.010855	-.000267	-.000145	-.003264	-.032462
#2	.0000582	.0000396	-.000377	-.000039	.000078	-.004064	-.003724
#3	-.000031	.0000452	.037196	.000895	.000099	.007948	-.065386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000912	.0490620	-.000414	.0002719	.1640485	-.001814	-.003265
Stddev	.001226	.0247907	.000424	.0001195	.1343957	.009348	.007844
%RSD	134.4948	50.52922	102.2733	43.94335	81.92438	515.2751	240.2156

#1	-.002281	.0453208	-.000417	.0003539	.3119484	.003692	-.009488
#2	-.000538	.0263546	-.000837	.0003269	.1307978	-.012607	.005546
#3	.000084	.0755106	.000011	.0001348	.0493993	.003472	-.005854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416135	-.002422	.0087709	.0003442	-.002796	-.004732	.0021148
Stddev	.0466161	.001655	.0019077	.0000323	.003369	.001478	.0005174
%RSD	112.0214	68.34234	21.75039	9.378903	120.4998	31.22813	24.46715

#1	.0462748	-.002200	.0070136	.0003123	-.002199	-.004907	.0019051
#2	.0857239	-.004176	.0107999	.0003434	-.006424	-.003175	.0027042
#3	-.007158	-.000888	.0084992	.0003769	.000235	-.006115	.0017352

Sample Name: ICB Acquired: 02/21/2019 12:01:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001055	.0043615	.0000090
Stddev	.001352	.0011184	.0001794
%RSD	128.1534	25.64295	2003.367

#1	-.002298	.0053641	.0001402
#2	-.001254	.0045650	.0000822
#3	.000385	.0031553	-.000196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.325	1996.029	38237.44	3522.317	3080.787
Stddev	12.744	8.600	95.54	10.136	9.449
%RSD	.7106260	.4308631	.2498714	.2877553	.3067228

#1	1778.819	2002.448	38143.72	3514.350	3088.419
#2	1798.435	1999.381	38233.88	3518.875	3083.726
#3	1802.721	1986.257	38334.71	3533.725	3070.218

Sample Name: ICSA Acquired: 02/21/2019 12:05:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002904	.0030180	.0022697	.0001136	.0047654	240.0951
Stddev	.003000	.0012979	.0029017	.0023511	.0030538	1.4161
%RSD	103.2984	43.00605	127.8476	2069.377	64.08277	.5898133

#1	-.006311	.0034872	.0037103	-.002583	.0032373	238.4940
#2	-.001739	.0040161	.0041692	.001734	.0082816	241.1832
#3	-.000662	.0015507	-.001070	.001190	.0027773	240.6080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044996	.0008532	-.000220	256.0066	.0590528	.0015852
Stddev	.0009182	.0000584	.000106	2.8229	.0007449	.0002652
%RSD	20.40663	6.847470	48.03692	1.102676	1.261392	16.72947

#1	.0045313	.0007857	-.000342	252.7964	.0598573	.0017965
#2	.0054016	.0008852	-.000168	258.1016	.0583871	.0012876
#3	.0035660	.0008886	-.000151	257.1218	.0589140	.0016715

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001514	105.9316	.0117696	261.3013	.0040030	-.006197
Stddev	.003190	.5926	.0012704	2.8697	.0001713	.000175
%RSD	210.6615	.5593929	10.79409	1.098242	4.279573	2.827065

#1	-.003815	105.2493	.0125934	258.0069	.0038921	-.006226
#2	-.002856	106.3176	.0103065	263.2574	.0042003	-.006356
#3	.002128	106.2279	.0124089	262.6397	.0039166	-.006009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010131	-.005474	.0064003	-.233918	.0057875	F .1056563
Stddev	.333297	.002346	.0142221	.086190	.0002499	.0013308
%RSD	3289.776	42.85427	222.2102	36.84627	4.318608	1.259594

#1	-.034996	-.008040	-.005061	-.311771	.0055900	.1049909
#2	.334902	-.004942	.022317	-.141299	.0060685	.1071886
#3	-.330299	-.003440	.001945	-.248684	.0057040	.1047894

Sample Name: ICSA Acquired: 02/21/2019 12:05:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028056	-.006519	-.003060	-.002073	-.004742	.0107929
Stddev	.0001776	.003535	.001099	.002012	.001782	.0005949
%RSD	6.330211	54.22172	35.92037	97.07298	37.57402	5.511568

#1	.0026561	-.002825	-.004312	-.000319	-.003307	.0102349
#2	.0027589	-.009869	-.002609	-.001630	-.004182	.0114188
#3	.0030019	-.006862	-.002257	-.004270	-.006736	.0107249

Elem	Sr4077
Units	ppm
Avg	.1026764
Stddev	.0003366
%RSD	.3278240

#1	.1023536
#2	.1026501
#3	.1030253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.082	1882.284	37101.12	3488.054	2755.779
Stddev	11.589	5.285	20.19	39.669	9.096
%RSD	.6780848	.2807981	.0544086	1.137294	.3300827

#1	1721.156	1884.759	37107.25	3533.857	2764.850
#2	1708.043	1885.879	37078.58	3464.681	2755.829
#3	1698.048	1876.216	37117.54	3465.624	2746.658

Sample Name: K1542-02 Acquired: 02/21/2019 14:16:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.173518	.0277688	F 746.9776	.0274484	F 37.47115	72.26589
Stddev	.024474	.0042533	6.2711	.0041286	.14657	.07031
%RSD	.3964299	15.31671	.8395241	15.04119	.3911637	.0972898

#1	6.149367	.0292744	740.2654	.0227712	37.35081	72.20764
#2	6.172884	.0229675	752.6866	.0289888	37.42826	72.34399
#3	6.198302	.0310644	747.9807	.0305854	37.63439	72.24603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.554814	.0126725	.4522897	278.0281	.0917413	.0974789
Stddev	.003560	.0000912	.0026064	.5644	.0011438	.0011943
%RSD	.2289957	.7195586	.5762603	.2030135	1.246708	1.225217

#1	1.555018	.0127343	.4500533	278.4161	.0914701	.0964467
#2	1.558268	.0127155	.4516639	277.3805	.0907576	.0972029
#3	1.551156	.0125678	.4551521	278.2875	.0929963	.0987871

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.177861	201.3754	5.305681	64.86340	.2532922	.0103834
Stddev	.023894	.3717	.011087	.48178	.0016074	.0001305
%RSD	.3867743	.1845919	.2089594	.7427580	.6346038	1.256283

#1	6.189371	201.6730	5.308984	65.08648	.2514914	.0104180
#2	6.193822	200.9587	5.293319	64.31052	.2545819	.0104931
#3	6.150390	201.4943	5.314742	65.19321	.2538032	.0102392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.350790	.1114407	2.139743	10.98376	24.68042	.2437524
Stddev	.255480	.0040357	.004827	.02849	.12771	.0012655
%RSD	4.022803	3.621362	.2255959	.2593567	.5174537	.5191696

#1	6.422425	.1134877	2.134660	11.00649	24.55139	.2434802
#2	6.067139	.1140427	2.144265	10.99299	24.68312	.2451319
#3	6.562805	.1067917	2.140305	10.95181	24.80676	.2426452

Sample Name: K1542-02 Acquired: 02/21/2019 14:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114132	51.17361	1.774416	4.110279	1.763621	.1042769
Stddev	.0003466	.24506	.015740	.015023	.002224	.0009354
%RSD	3.037024	.4788850	.8870384	.3655050	.1261023	.8970503

#1	.0110432	50.93595	1.792341	4.098537	1.764694	.1044798
#2	.0117304	51.15941	1.768055	4.105091	1.765105	.1032567
#3	.0114658	51.42546	1.762852	4.127209	1.761064	.1050942

Elem	Sr4077
Units	ppm
Avg	.5669372
Stddev	.0006580
%RSD	.1160687

#1	.5674126
#2	.5672128
#3	.5661862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.674	2272.363	47827.47	4503.112	2837.667
Stddev	5.191	6.938	249.86	15.765	10.672
%RSD	.2505937	.3053370	.5224235	.3501017	.3760918

#1	2069.988	2279.841	48071.21	4485.009	2849.658
#2	2077.499	2271.114	47839.29	4513.825	2834.133
#3	2067.535	2266.134	47571.91	4510.502	2829.209

Sample Name: K1542-03 Acquired: 02/21/2019 14:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.822067	.1215172	F 735.2014	.0429499	F 29.84532	60.34839
Stddev	.038299	.0025524	4.8851	.0029343	.14009	.17100
%RSD	.5614004	2.100438	.6644616	6.831989	.4693861	.2833587

#1	6.812274	.1191427	732.0180	.0460107	29.78099	60.54527
#2	6.789614	.1242164	732.7601	.0401610	29.74895	60.23687
#3	6.864311	.1211926	740.8259	.0426780	30.00602	60.26303

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.202381	.0883132	.5466825	217.3514	.4423659	1.045743
Stddev	.007334	.0009121	.0024018	1.3030	.0013013	.004533
%RSD	.1745091	1.032763	.4393449	.5994709	.2941638	.4334711

#1	4.205289	.0893392	.5452965	218.7427	.4427997	1.044481
#2	4.207815	.0875944	.5452951	216.1599	.4433948	1.041975
#3	4.194040	.0880059	.5494558	217.1515	.4409031	1.050774

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.050969	217.3297	4.882918	43.87866	1.311962	.0850301
Stddev	.020175	1.5961	.041682	.43125	.005953	.0008858
%RSD	.2861262	.7343923	.8536236	.9828147	.4537746	1.041762

#1	7.056776	218.8246	4.915136	44.37660	1.309168	.0846040
#2	7.067603	215.6488	4.835844	43.63284	1.307919	.0844378
#3	7.028527	217.5157	4.897774	43.62653	1.318798	.0860484

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183919	.9701862	3.139625	7.171990	24.16024	.2388357
Stddev	.168623	.0074487	.022836	.036872	.13738	.0035714
%RSD	14.24281	.7677599	.7273630	.5141136	.5686174	1.495328

#1	1.052658	.9770927	3.115361	7.174246	24.11741	.2369925
#2	1.374095	.9622935	3.142814	7.207682	24.04937	.2365626
#3	1.125002	.9711724	3.160698	7.134041	24.31393	.2429521

Sample Name: K1542-03 Acquired: 02/21/2019 14:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167267	48.68161	1.250935	3.455739	1.551550	.0815274
Stddev	.0001011	.27128	.011427	.020109	.004421	.0010843
%RSD	.6043656	.5572495	.9134780	.5819051	.2849129	1.329958
#1	.0166139	48.53074	1.264053	3.453881	1.555888	.0822439
#2	.0168092	48.51930	1.245611	3.436624	1.551710	.0802800
#3	.0167571	48.99478	1.243142	3.476713	1.547051	.0820584

Elem	Sr4077
Units	ppm
Avg	.4678171
Stddev	.0014889
%RSD	.3182558
#1	.4680773
#2	.4691587
#3	.4662153

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.429	2213.505	46380.53	4358.899	2871.025
Stddev	5.652	3.322	66.84	34.106	7.257
%RSD	.2811177	.1500606	.1441120	.7824504	.2527544
#1	2016.952	2211.685	46383.63	4319.544	2871.675
#2	2007.322	2217.339	46312.20	4377.293	2877.934
#3	2007.012	2211.492	46445.77	4379.859	2863.465

Sample Name: CCB034 Acquired: 02/21/2019 12:17:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB034 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001571	.0002682	.0014191	-.000053	-.001410	-.017032	-.000727
Stddev	.0012448	.0010939	.0001975	.000092	.000849	.002549	.000456
%RSD	792.3282	407.8917	13.91550	173.9621	60.24699	14.96580	62.68771

#1	-.000137	.0004555	.0012383	.000050	-.000441	-.017863	-.000206
#2	-.000914	-.000907	.0016299	-.000081	-.002027	-.014171	-.000926
#3	.001523	.001256	.0013891	-.000128	-.001761	-.019061	-.001050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000189	.0000321	.0173232	.0005555	-.000115	-.000135	-.022899
Stddev	.0000284	.0000660	.0101114	.0004321	.000355	.002083	.010357
%RSD	150.1980	205.7875	58.36931	77.78038	308.1370	1539.895	45.22771

#1	.0000467	-.000041	.0255656	.0000656	-.000231	.002232	-.010944
#2	-.000010	.000051	.0203635	.0008822	.000283	-.001686	-.028614
#3	.000020	.000087	.0060404	.0007187	-.000398	-.000951	-.029140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011391	.0259137	-.000234	.0006589	.3150017	-.004592	-.002429
Stddev	.0000915	.0127688	.000472	.0002212	.0640710	.006821	.014906
%RSD	8.033764	49.27454	201.7020	33.56954	20.33988	148.5511	613.7544

#1	.0010340	.0339325	-.000774	.0006108	.3882963	-.006131	-.007862
#2	.0011829	.0326194	-.000033	.0009002	.2870729	.002868	-.013856
#3	.0012006	.0111890	.000105	.0004657	.2696358	-.010511	.014432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008850	-.002263	.0099296	.0002590	-.002329	-.005267	.0005109
Stddev	.071853	.003348	.0005126	.0003448	.002953	.000491	.0006883
%RSD	811.9410	147.9128	5.162354	133.1095	126.7882	9.320709	134.7252

#1	-.060640	.001064	.0105214	.0004862	.000908	-.004944	.0000593
#2	.073181	-.005631	.0096235	-.000138	-.003019	-.005832	.0001703
#3	-.039089	-.002224	.0096440	.000429	-.004876	-.005025	.0013031

Sample Name: CCB034 Acquired: 02/21/2019 12:17:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB034 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000732	.0025805	.0000577
Stddev	.000948	.0006629	.0000713
%RSD	129.5912	25.68886	123.5677

#1	-.001514	.0019106	.0000912
#2	.000323	.0025948	-.000024
#3	-.001004	.0032362	.000106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.457	1984.523	38206.51	3510.667	3074.897
Stddev	7.402	8.880	217.38	12.046	10.330
%RSD	.4166970	.4474658	.5689518	.3431379	.3359358

#1	1784.672	1991.363	38366.38	3515.825	3083.193
#2	1770.306	1987.718	37958.99	3496.900	3078.170
#3	1774.392	1974.488	38294.14	3519.275	3063.327

Sample Name: K1440-01 Acquired: 02/21/2019 12:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075668	-.002797	.0035054	.0028439	-.003054	-.050459	.5228621
Stddev	.0020868	.002338	.0013430	.0014969	.000544	.006197	.0003209
%RSD	27.57769	83.56604	38.31296	52.63339	17.80468	12.28171	.0613723

#1	.0056846	-.004284	.0042207	.0011218	-.002818	-.051793	.5230316
#2	.0098108	-.004005	.0019561	.0035774	-.003676	-.055880	.5224920
#3	.0072050	-.000103	.0043394	.0038326	-.002668	-.043703	.5230627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001591	-.000165	124.1207	.0004560	-.000851	-.000835	.3743280
Stddev	.0000347	.000037	.3844	.0004189	.000178	.001016	.0453136
%RSD	21.78594	22.20238	.3096897	91.86262	20.97743	121.6192	12.10530

#1	.0001650	-.000196	124.2621	.0007236	-.000652	-.001570	.3716795
#2	.0001219	-.000125	123.6856	.0006712	-.000997	-.001260	.4209078
#3	.0001905	-.000176	124.4143	-.000027	-.000903	.000324	.3303969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548760	45.27763	.0022349	.0006047	95.49156	.0017548	.0262017
Stddev	.0014444	.13453	.0005908	.0000846	.52772	.0070079	.0064745
%RSD	2.632190	.2971253	26.43631	13.99664	.5526327	399.3623	24.71020

#1	.0548175	45.23232	.0029166	.0006823	95.89114	-.005537	.0314919
#2	.0534617	45.17160	.0018719	.0005145	94.89335	.002361	.0189817
#3	.0563488	45.42896	.0019161	.0006174	95.69018	.008440	.0281314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.320097	.0209186	.4505387	-.000108	2.699331	6.540666	.0016506
Stddev	.019160	.0004818	.0068713	.000316	.017115	.056219	.0001425
%RSD	.3031549	2.303162	1.525132	291.5558	.6340437	.8595369	8.631218

#1	6.312225	.0213979	.4528916	.000251	2.695000	6.539496	.0015176
#2	6.341938	.0204344	.4428000	-.000343	2.684798	6.485041	.0018009
#3	6.306127	.0209234	.4559244	-.000233	2.718196	6.597462	.0016333

Sample Name: K1440-01 Acquired: 02/21/2019 12:21:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001987	.0299486	1.558249
Stddev	.000948	.0009405	.006253
%RSD	47.74318	3.140551	.4013085

#1	-.002521	.0289045	1.555471
#2	-.002547	.0307295	1.565410
#3	-.000891	.0302118	1.553866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.203	1982.975	39024.07	3573.301	3077.349
Stddev	10.334	5.901	87.21	7.345	4.752
%RSD	.5737419	.2975700	.2234832	.2055455	.1544300

#1	1795.248	1987.943	39078.68	3575.320	3079.676
#2	1795.226	1984.531	38923.49	3579.425	3080.489
#3	1813.136	1976.453	39070.05	3565.158	3071.881

Sample Name: PB117237BL Acquired: 02/21/2019 12:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW237 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002414	-.000704	.0011765	.0063156	-.001250	-.009926	-.001983
Stddev	.002075	.000936	.0004962	.0017406	.000425	.021625	.000717
%RSD	85.96299	133.0555	42.17753	27.56078	33.96406	217.8634	36.15780

#1	-.000037	-.001771	.0006113	.0074087	-.001410	.014709	-.002386
#2	-.003340	-.000322	.0013775	.0043084	-.000769	-.018711	-.001155
#3	-.003866	-.000019	.0015406	.0072299	-.001571	-.025776	-.002408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	.0000332	-.000362	.0007212	-.000065	-.001733	-.038022
Stddev	.000040	.0000507	.007367	.0000936	.000279	.007458	.021972
%RSD	58.15383	152.5397	2036.623	12.97245	431.1939	430.3587	57.78629

#1	-.000076	-.000023	.003251	.0007274	.000226	.006254	-.049828
#2	-.000026	.000046	.004502	.0006247	-.000091	-.008515	-.051567
#3	-.000105	.000076	-.008838	.0008115	-.000329	-.002938	-.012671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001621	.0492525	-.000190	.0002021	.2405007	-.002362	.0027537
Stddev	.001881	.0685318	.000027	.0000320	.2776285	.003918	.0181578
%RSD	115.9967	139.1438	14.04249	15.82753	115.4377	165.8640	659.3900

#1	-.000208	-.028352	-.000172	.0001656	.1090381	-.005216	.0183073
#2	-.003756	.074648	-.000177	.0002252	.5594428	-.003975	-.017200
#3	-.000900	.101462	-.000221	.0002154	.0530210	.002105	.007154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003504	-.002800	.0039712	.0002044	.0334991	-.006679	.0004522
Stddev	.015089	.001366	.0003184	.0000166	.0052781	.000282	.0008103
%RSD	430.6146	48.79742	8.017934	8.102029	15.75580	4.220860	179.1760

#1	-.020138	-.001357	.0041239	.0002224	.0372148	-.006793	.0009188
#2	.000323	-.004074	.0041846	.0002012	.0358249	-.006358	.0009212
#3	.009303	-.002968	.0036052	.0001897	.0274576	-.006887	-.000483

Sample Name: PB117237BL Acquired: 02/21/2019 12:29:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW237 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001518	.0000388	.0000279
Stddev	.001474	.0018316	.0000827
%RSD	97.09774	4722.235	296.2864

#1	-.003200	-.001756	.0001077
#2	-.000455	.001905	-.000057
#3	-.000898	-.000034	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1751.539	1965.199	37751.54	3518.292	3036.154
Stddev	6.961	3.793	91.92	38.358	7.939
%RSD	.3974064	.1930329	.2434938	1.090257	.2614731

#1	1743.805	1969.098	37651.78	3501.200	3038.361
#2	1757.300	1964.980	37832.82	3491.450	3042.756
#3	1753.513	1961.520	37770.01	3562.225	3027.346

Sample Name: PB117237BS Acquired: 02/21/2019 12:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS237 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205539	.0560047	.0212812	.0795841	.1311499	.4111378	.4371534
Stddev	.0007783	.0019642	.0012826	.0042212	.0021105	.0079411	.0005950
%RSD	3.786613	3.507232	6.027095	5.304121	1.609249	1.931484	.1361035

#1	.0199742	.0563044	.0227512	.0795474	.1331602	.4093541	.4378185
#2	.0202490	.0539078	.0203898	.0753813	.1289517	.4198191	.4366718
#3	.0214385	.0578018	.0207026	.0838236	.1313378	.4042404	.4369698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110063	.0107704	11.18692	.0253865	.1012183	.0545545	.2154650
Stddev	.0001669	.0002651	.04125	.0005326	.0006042	.0026657	.0150767
%RSD	1.516026	2.461171	.3687209	2.097798	.5968816	4.886286	6.997267

#1	.0111918	.0110453	11.21324	.0247851	.1012513	.0562778	.2261656
#2	.0109586	.0105164	11.13938	.0255760	.1005983	.0514841	.2220071
#3	.0108684	.0107493	11.20814	.0257983	.1018053	.0559015	.1982224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354233	10.76685	.0872307	.0208860	10.59741	.1140444	.1250556
Stddev	.0008639	.13017	.0003347	.0002675	.29251	.0007406	.0103902
%RSD	2.438814	1.208971	.3837167	1.280903	2.760214	.6493666	8.308477

#1	.0362734	10.89655	.0876031	.0206947	10.28833	.1146900	.1130596
#2	.0345463	10.63622	.0871340	.0207715	10.63400	.1132360	.1308875
#3	.0354503	10.76778	.0869550	.0211917	10.86991	.1142073	.1312198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42689	.0184072	.0222392	.0209877	.2108138	.2140307	.0145584
Stddev	.02298	.0029976	.0010502	.0004811	.0012715	.0033137	.0010760
%RSD	.2203671	16.28505	4.722465	2.292160	.6031202	1.548225	7.391035

#1	10.41348	.0208587	.0210488	.0208905	.2122251	.2178569	.0155733
#2	10.45342	.0192977	.0230348	.0205626	.2104586	.2121429	.0146718
#3	10.41377	.0150652	.0226340	.0215099	.2097577	.2120923	.0134302

Sample Name: PB117237BS Acquired: 02/21/2019 12:33:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS237 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2227966	.1022479	.2181792
Stddev	.0021317	.0013907	.0007421
%RSD	.9567844	1.360093	.3401247

#1	.2218427	.1036722	.2183517
#2	.2252387	.1008936	.2173660
#3	.2213084	.1021779	.2188198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.657	1960.220	38137.32	3531.967	3050.367
Stddev	5.742	9.739	54.06	32.385	12.428
%RSD	.3233683	.4968174	.1417421	.9169004	.4074144

#1	1779.701	1967.856	38178.73	3494.600	3061.644
#2	1778.185	1963.551	38157.06	3549.400	3052.413
#3	1769.085	1949.253	38076.17	3551.900	3037.043

Sample Name: K1529-01 Acquired: 02/21/2019 12:46:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006568	.0012114	.0023903	-.001204	-.001248	.2593048	.0119498
Stddev	.0024680	.0002023	.0019956	.001332	.000991	.0053694	.0009258
%RSD	375.7786	16.70205	83.48654	110.6871	79.34599	2.070678	7.747059

#1	.0033933	.0009908	.0030019	-.000468	-.000489	.2651079	.0128852
#2	-.001400	.0013883	.0040086	-.002742	-.002369	.2545130	.0110340
#3	-.000023	.0012551	.0001605	-.000401	-.000887	.2582934	.0119301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000144	-.000012	7.130903	.0000775	.0000440	.0050049	.2662032
Stddev	.0000513	.000021	.052039	.0002001	.0000401	.0009597	.0281763
%RSD	355.5659	177.2437	.7297688	258.0641	91.05784	19.17457	10.58450

#1	-.000040	-.000028	7.131370	-.000149	-.000001	.0051851	.2508514
#2	.000062	-.000019	7.078631	.000153	.000059	.0039679	.2987215
#3	.000022	.000012	7.182706	.000229	.000074	.0058618	.2490368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249413	1.737462	.0004011	.0002588	2.312322	.0008806	.0095970
Stddev	.0004995	.007324	.0004057	.0004951	.164164	.0039940	.0097451
%RSD	2.002657	.4215369	101.1383	191.2694	7.099513	453.5585	101.5436

#1	.0250352	1.739005	.0001580	-.000308	2.127667	-.002647	.0041330
#2	.0244015	1.729490	.0008694	.000478	2.441753	.000072	.0038099
#3	.0253872	1.743892	.0001759	.000607	2.367545	.005217	.0208482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.18431	.0303933	.0029158	-.000034	.2255826	6.873197	-.001240
Stddev	.06261	.0007341	.0005304	.000139	.0039954	.079364	.000404
%RSD	5.286327	2.415208	18.19127	409.9296	1.771156	1.154685	32.53682

#1	-1.18776	.0296615	.0027619	.000114	.2210104	6.834936	-.001695
#2	-1.24513	.0311296	.0035062	-.000161	.2284020	6.820211	-.001101
#3	-1.12006	.0303887	.0024794	-.000055	.2273355	6.964443	-.000925

Sample Name: K1529-01 Acquired: 02/21/2019 12:46:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0041307	-.010425	.0646500
Stddev	.0010177	.000744	.0006058
%RSD	24.63676	7.136517	.9370963

#1	.0036285	-.009721	.0641010
#2	.0034617	-.011204	.0645490
#3	.0053018	-.010351	.0653000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.738	2021.141	39139.14	3615.225	3130.345
Stddev	8.529	6.429	23.15	42.430	12.888
%RSD	.4671685	.3180647	.0591535	1.173650	.4117171

#1	1834.828	2024.111	39129.81	3645.050	3138.804
#2	1824.475	2025.547	39165.50	3633.975	3136.718
#3	1817.910	2013.764	39122.11	3566.650	3115.512

Sample Name: K1529-02 Acquired: 02/21/2019 12:50:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE50D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002756	-.000043	.0026392	-.000974	-.002390	.2547137	.0120476
Stddev	.0041718	.001356	.0006880	.002399	.001454	.0076932	.0005421
%RSD	1513.573	3142.701	26.07006	246.3471	60.83308	3.020347	4.499779

#1	-.002720	-.001468	.0026952	-.001756	-.003169	.2463718	.0126253
#2	-.001494	.000106	.0019248	.001719	-.003289	.2615295	.0119675
#3	.005041	.001232	.0032975	-.002884	-.000713	.2562399	.0115500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000430	-.000010	7.130419	.0004276	.0000585	-.002576	.2813602
Stddev	.0000346	.000086	.034411	.0003175	.0000568	.001555	.0414929
%RSD	80.43531	854.3710	.4825947	74.25830	96.99242	60.35916	14.74724

#1	.0000219	-.000102	7.170074	.0003299	.0000118	-.002440	.2852743
#2	.0000242	.000004	7.108416	.0001704	.0000420	-.001093	.2380490
#3	.0000829	.000068	7.112767	.0007824	.0001217	-.004194	.3207573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278412	1.680442	.0004990	.0003685	2.314691	-.004347	-.003070
Stddev	.0017103	.022777	.0005470	.0001284	.227571	.006348	.006304
%RSD	6.143017	1.355402	109.6098	34.83403	9.831590	146.0258	205.3821

#1	.0297745	1.676546	.0001006	.0003547	2.503022	-.004988	-.008193
#2	.0272236	1.659864	.0011227	.0005031	2.061821	-.010351	-.004987
#3	.0265255	1.704915	.0002738	.0002476	2.379231	.002297	.003971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.16521	.0280373	.0017906	.0000760	.2252004	6.844333	-.001300
Stddev	.02309	.0014400	.0008733	.0001455	.0025089	.021763	.000536
%RSD	1.981982	5.135965	48.76908	191.5592	1.114076	.3179759	41.21260

#1	-1.17143	.0292382	.0027975	.0002371	.2280938	6.868677	-.001564
#2	-1.18456	.0284329	.0013345	.0000367	.2236292	6.837561	-.000684
#3	-1.13964	.0264409	.0012399	-.000046	.2238781	6.826760	-.001653

Sample Name: K1529-02 Acquired: 02/21/2019 12:50:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE50D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037044	-.011899	.0643782
Stddev	.0021577	.002563	.0000952
%RSD	58.24667	21.54292	.1479127

#1	.0061633	-.009656	.0644868
#2	.0021276	-.011348	.0643391
#3	.0028221	-.014693	.0643088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.190	2037.920	39395.49	3634.983	3152.390
Stddev	12.992	9.902	67.18	11.103	12.512
%RSD	.7079310	.4858969	.1705300	.3054537	.3968942

#1	1849.222	2039.353	39471.25	3626.500	3154.977
#2	1823.579	2047.028	39343.20	3630.900	3163.406
#3	1832.768	2027.380	39372.01	3647.550	3138.787

Sample Name: K1529-03 Acquired: 02/21/2019 12:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE50S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453861	.0563027	.0224367	.0120065	.1015787	2.281915	2.181482
Stddev	.0025759	.0037557	.0010323	.0011554	.0023062	.033779	.009374
%RSD	5.675516	6.670520	4.600903	9.623356	2.270328	1.480288	.4297022

#1	.0466681	.0606307	.0236270	.0131202	.0990090	2.290716	2.176866
#2	.0424207	.0543765	.0218966	.0108134	.1034684	2.244606	2.175311
#3	.0470694	.0539010	.0217865	.0120859	.1022588	2.310422	2.192269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545660	.0560073	7.028142	.2336684	.5264941	.2807392	1.462211
Stddev	.0001682	.0002409	.069355	.0002777	.0023678	.0078834	.033501
%RSD	.3081736	.4301858	.9868176	.1188563	.4497231	2.808097	2.291115

#1	.0544158	.0559800	6.990409	.2336663	.5255640	.2887069	1.437040
#2	.0547476	.0557812	6.985835	.2339471	.5247325	.2729429	1.449357
#3	.0545345	.0562607	7.108183	.2333917	.5291856	.2805677	1.500235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5883481	1.689962	.5585426	.0483449	2.141886	.5503423	.5129547
Stddev	.0050560	.018875	.0028797	.0007776	.255893	.0097532	.0029639
%RSD	.8593537	1.116881	.5155749	1.608367	11.94708	1.772205	.5778178

#1	.5825979	1.672972	.5571563	.0474810	2.282243	.5494626	.5156333
#2	.5903493	1.686635	.5566183	.0485652	2.296886	.5410587	.5134603
#3	.5920973	1.710279	.5618533	.0489886	1.846527	.5605055	.5097704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.14932	.0301994	.0007364	-.000299	.2245147	6.821219	-.001496
Stddev	.06563	.0032613	.0005213	.000131	.0065532	.032821	.000713
%RSD	5.710405	10.79921	70.78108	43.81298	2.918824	.4811541	47.65679

#1	-1.21345	.0312463	.0010896	-.000362	.2204440	6.804738	-.002044
#2	-1.08228	.0265432	.0001378	-.000148	.2210259	6.859014	-.001754
#3	-1.15222	.0328086	.0009820	-.000387	.2320742	6.799905	-.000690

Sample Name: K1529-03 Acquired: 02/21/2019 12:54:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE50S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036370	-.010679	.0642816
Stddev	.0010633	.000590	.0001442
%RSD	29.23464	5.526164	.2243402

#1	.0029485	-.011344	.0641546
#2	.0031009	-.010473	.0642516
#3	.0048616	-.010219	.0644384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.292	2030.434	39165.11	3630.060	3129.209
Stddev	3.512	6.253	116.92	10.341	12.422
%RSD	.1927427	.3079682	.2985217	.2848640	.3969600

#1	1825.214	2029.763	39284.87	3641.897	3125.975
#2	1823.266	2036.997	39159.20	3625.499	3142.928
#3	1818.395	2024.545	39051.26	3622.783	3118.724

Sample Name: K1529-01LX5 Acquired: 02/21/2019 12:58:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE50L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004324	-.002546	-.000699	.0013944	-.000355	.0443204	.0007659
Stddev	.0007872	.000883	.000775	.0018071	.000404	.0070176	.0007037
%RSD	182.0406	34.69838	110.8129	129.5957	113.6995	15.83372	91.88318

#1	.0011578	-.003386	-.000139	.0026280	-.000020	.0523896	-.000027
#2	-.000405	-.002627	-.000375	-.000680	-.000242	.0409284	.001007
#3	.000544	-.001625	-.001584	.002235	-.000803	.0396433	.001317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0000082	1.457221	.0004438	-.000042	.0009378	.0609882
Stddev	.000026	.0000591	.020505	.0003458	.000230	.0011840	.0199225
%RSD	136.5974	719.7802	1.407131	77.91955	553.9935	126.2522	32.66621

#1	-.000050	-.000060	1.468227	.0001968	.000095	.0017338	.0390823
#2	-.000003	.000048	1.433563	.0008391	.000088	.0015024	.0658579
#3	-.000006	.000036	1.469874	.0002957	-.000308	-.000423	.0780244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046409	.3536599	-.000347	.0002809	.5359801	.0030019	.0002238
Stddev	.0003916	.0351788	.000271	.0000970	.0930557	.0037038	.0043568
%RSD	8.437688	9.947074	78.04054	34.52847	17.36177	123.3819	1946.454

#1	.0043750	.3775973	-.000582	.0003533	.4544575	.0044547	-.000977
#2	.0050906	.3132694	-.000408	.0003187	.6373624	.0057591	.005055
#3	.0044572	.3701131	-.000051	.0001707	.5161204	-.001208	-.003406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.336113	.0053187	-.002503	.0002080	.0452016	1.374682	-.000864
Stddev	.047008	.0022764	.000809	.0002695	.0032785	.018520	.000489
%RSD	13.98574	42.80025	32.32409	129.5557	7.253057	1.347230	56.58524

#1	-.376159	.0046063	-.002811	.0004691	.0422066	1.391270	-.001298
#2	-.347822	.0034837	-.003114	-.000069	.0446939	1.354699	-.000959
#3	-.284357	.0078661	-.001585	.000224	.0487043	1.378077	-.000334

Sample Name: K1529-01LX5 Acquired: 02/21/2019 12:58:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE50L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010403	-.003937	.0132396
Stddev	.0012995	.001466	.0001827
%RSD	124.9141	37.22729	1.379904

#1	.0024892	-.005276	.0131894
#2	-.000022	-.002371	.0130873
#3	.000654	-.004165	.0134422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.651	1953.617	37871.11	3521.033	3008.367
Stddev	21.065	4.613	199.88	23.250	5.587
%RSD	1.200510	.2361247	.5277900	.6603077	.1857197

#1	1770.405	1955.918	38046.17	3494.225	3011.245
#2	1730.725	1956.627	37653.32	3535.675	3011.929
#3	1762.824	1948.306	37913.85	3533.200	3001.928

Sample Name: K1529-04 Acquired: 02/21/2019 13:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018075	.0008904	.0015086	.0002190	-.002588	.0763035	.0044922
Stddev	.0017535	.0013221	.0002788	.0013173	.001308	.0106680	.0007557
%RSD	97.01614	148.4770	18.48128	601.4589	50.53959	13.98095	16.82315

#1	.0035860	.0005870	.0018272	-.001123	-.003650	.0826057	.0053231
#2	.0000800	-.000254	.0013900	.000269	-.001127	.0639863	.0043077
#3	.0017564	.002338	.0013088	.001511	-.002987	.0823185	.0038459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000456	-.000020	3.561430	-.000347	-.000211	-.000365	.0465040
Stddev	.0000131	.000038	.045448	.000060	.000326	.003061	.0062244
%RSD	28.80640	192.2055	1.276117	17.30522	154.7268	838.3055	13.38464

#1	.0000482	-.000059	3.510605	-.000297	-.000553	-.001622	.0534101
#2	.0000313	.000015	3.598162	-.000414	-.000177	.003124	.0447748
#3	.0000572	-.000014	3.575522	-.000332	.000097	-.002598	.0413270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000394	1.247369	.0002380	.0001305	2.721211	.0074231	-.010094
Stddev	.000630	.072056	.0004583	.0003936	.137465	.0046765	.007631
%RSD	160.0281	5.776616	192.5828	301.5534	5.051613	62.99943	75.59589

#1	.000215	1.203267	.0006719	-.000275	2.835943	.0030446	-.017610
#2	-.001043	1.330521	.0002833	.000511	2.568850	.0123494	-.010319
#3	-.000354	1.208320	-.000241	.000156	2.758841	.0068755	-.002353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.29733	.0028397	-.000560	-.000249	.4049898	6.861004	-.001819
Stddev	.08350	.0026254	.000885	.000043	.0001154	.037587	.000432
%RSD	6.436419	92.45411	158.0760	17.33820	.0284904	.5478415	23.77218

#1	-1.26815	.0039544	-.001122	-.000201	.4051075	6.853018	-.002234
#2	-1.39150	-.000159	.000460	-.000260	.4049848	6.901942	-.001853
#3	-1.23233	.004724	-.001017	-.000285	.4048769	6.828051	-.001371

Sample Name: K1529-04 Acquired: 02/21/2019 13:02:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019054	-.011230	.0330811
Stddev	.0017190	.002553	.0002920
%RSD	90.21878	22.73380	.8825507

#1	.0038857	-.012890	.0329042
#2	.0010315	-.008290	.0329210
#3	.0007988	-.012509	.0334181

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.749	2038.179	39416.03	3661.158	3147.840
Stddev	13.871	5.176	198.61	17.752	7.655
%RSD	.7560108	.2539391	.5038887	.4848608	.2431735

#1	1837.200	2044.151	39602.47	3679.550	3153.885
#2	1847.230	2035.393	39438.46	3644.125	3150.401
#3	1819.816	2034.994	39207.15	3659.800	3139.233

Sample Name: K1529-05 Acquired: 02/21/2019 13:06:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025324	.0006524	.0002446	-.001543	-.002545	.1402202	.0070293
Stddev	.0010441	.0006864	.0014909	.000523	.000844	.0034229	.0003745
%RSD	41.23075	105.2078	609.6041	33.92354	33.16003	2.441075	5.328264

#1	.0014613	.0012571	.0016005	-.000970	-.001675	.1391293	.0066671
#2	.0035473	.0007937	.0004852	-.001995	-.002599	.1440556	.0070059
#3	.0025884	-.000094	-.001352	-.001663	-.003360	.1374758	.0074150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000536	-.000021	2.037530	.0001059	.0000489	.0016689	.1074812
Stddev	.0000257	.000072	.039496	.0002485	.0000584	.0017945	.0073629
%RSD	47.87617	338.9368	1.938410	234.6508	119.3290	107.5241	6.850429

#1	.0000243	-.000048	2.060957	-.000180	-.000018	.0033101	.1045694
#2	.0000645	-.000076	2.059704	.000274	.000075	-.000247	.1158547
#3	.0000721	.000060	1.991931	.000223	.000090	.001944	.1020195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041539	.7649919	.0002569	.0002450	2.300067	-.003317	.0028201
Stddev	.0008260	.0439868	.0005853	.0003192	.097751	.007875	.0049050
%RSD	19.88448	5.749975	227.8818	130.2712	4.249925	237.4213	173.9307

#1	.0048459	.7850269	.0004779	.0000590	2.196853	-.008833	-.001504
#2	.0032395	.7145542	-.000407	.0000625	2.391240	.005702	.001815
#3	.0043764	.7953945	.000700	.0006136	2.312108	-.006820	.008150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.13962	.0041569	-.000205	-.000255	.9918266	5.892511	-.000974
Stddev	.05412	.0032448	.000743	.000168	.0004417	.050570	.000958
%RSD	4.748673	78.05765	362.9442	65.78370	.0445374	.8581996	98.41824

#1	-1.08931	.0060695	-.000785	-.000448	.9913232	5.938286	-.000479
#2	-1.13268	.0004104	-.000462	-.000183	.9921494	5.901020	-.000363
#3	-1.19687	.0059907	.000633	-.000135	.9920072	5.838227	-.002078

Sample Name: K1529-05 Acquired: 02/21/2019 13:06:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015855	-.010892	.0352416
Stddev	.0012387	.001710	.0001230
%RSD	78.12602	15.70336	.3489599

#1	.0026257	-.010855	.0351281
#2	.0019155	-.009201	.0352244
#3	.0002152	-.012621	.0353723

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.486	2030.880	39099.84	3657.633	3137.379
Stddev	12.246	6.374	197.84	26.119	5.584
%RSD	.6697160	.3138620	.5059870	.7141064	.1779893

#1	1842.151	2036.377	39322.79	3643.475	3140.878
#2	1818.507	2032.371	38945.23	3641.650	3140.319
#3	1824.801	2023.893	39031.50	3687.775	3130.939

Sample Name: K1529-06 Acquired: 02/21/2019 13:10:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE56 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014161	.0002632	.0013055	-.003217	-.002293	.1647275	.0061503
Stddev	.0009506	.0004956	.0007363	.002583	.000780	.0070279	.0008715
%RSD	67.13301	188.2753	56.39784	80.28383	34.01420	4.266349	14.16944

#1	.0025116	.0007092	.0018170	-.006143	-.002070	.1723245	.0052252
#2	.0009273	-.000270	.0016379	-.001257	-.001648	.1633998	.0062700
#3	.0008093	.000351	.0004616	-.002251	-.003160	.1584582	.0069558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000330	.0000125	2.048631	.0000065	-.000188	.0041966	.1024834
Stddev	.0000181	.0000497	.052105	.0002426	.000226	.0048433	.0335365
%RSD	54.91675	397.4332	2.543408	3709.305	120.1172	115.4124	32.72387

#1	.0000502	.0000356	2.094582	-.000088	-.000340	.0056216	.1309477
#2	.0000346	-.000045	1.992021	.000282	.000072	-.001199	.1109896
#3	.0000141	.000046	2.059291	-.000175	-.000296	.008167	.0655128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064211	.7709533	.0002963	.0003140	2.416119	-.000733	-.006892
Stddev	.0008848	.0284188	.0000779	.0001934	.151840	.005930	.002454
%RSD	13.78039	3.686183	26.30382	61.59960	6.284448	809.3271	35.60022

#1	.0073963	.7381725	.0003856	.0003068	2.252723	-.000954	-.007908
#2	.0056696	.7886438	.0002422	.0005109	2.552877	-.006549	-.004093
#3	.0061972	.7860435	.0002610	.0001243	2.442757	.005305	-.008674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.10196	.0019762	-.000177	-.000129	.9877881	5.977561	-.000829
Stddev	.05556	.0028484	.000465	.000160	.0060963	.090856	.000513
%RSD	5.042173	144.1371	262.2109	123.8414	.6171671	1.519952	61.84758

#1	-1.11963	.0033318	-.000689	-.000232	.9812544	6.011263	-.001151
#2	-1.14655	-.001297	.000220	-.000209	.9887858	5.874669	-.000238
#3	-1.03972	.003894	-.000063	.000055	.9933239	6.046749	-.001097

Sample Name: K1529-06 Acquired: 02/21/2019 13:10:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE56 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0052807	-.010927	.0353496
Stddev	.0014222	.002470	.0002695
%RSD	26.93234	22.60007	.7624110

#1	.0039737	-.008834	.0353269
#2	.0067953	-.010297	.0350921
#3	.0050732	-.013651	.0356297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.938	2029.444	39322.93	3672.608	3139.815
Stddev	.605	3.998	196.73	47.648	5.173
%RSD	.0328208	.1969963	.5002921	1.297396	.1647685

#1	1844.574	2033.680	39264.91	3652.275	3139.200
#2	1843.868	2028.917	39161.74	3727.050	3145.268
#3	1843.370	2025.736	39542.15	3638.500	3134.976

Sample Name: PB117238BL Acquired: 02/21/2019 13:14:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW238 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000290	-.001577	-.000233	-.000596	-.000409	-.014886	-.001825
Stddev	.003236	.000819	.001825	.001144	.000927	.009166	.000758
%RSD	1117.618	51.93642	783.3468	192.1233	226.4203	61.57247	41.52748

#1	-.002618	-.001266	.001870	.000340	-.000185	-.004359	-.001892
#2	-.001656	-.002506	-.001172	-.001871	-.001427	-.021096	-.001036
#3	.003405	-.000958	-.001397	-.000255	.000384	-.019203	-.002547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0000369	.0069936	.0002559	-.000072	.0002938	-.030743
Stddev	.000057	.0000415	.0217668	.0002621	.000065	.0044375	.026354
%RSD	51.51436	112.3814	311.2376	102.4388	89.52951	1510.395	85.72400

#1	-.000083	.0000036	-.016314	-.000014	-.000005	.0019105	-.020495
#2	-.000074	.0000237	.010501	.000509	-.000077	-.004725	-.060681
#3	-.000178	.0000834	.026794	.000272	-.000135	.003696	-.011052

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006834	-.000614	-.000175	.0002668	.2223135	-.004482	-.011454
Stddev	.0016773	.027565	.000231	.0005104	.1706123	.002313	.003784
%RSD	245.4430	4486.265	131.6059	191.2690	76.74403	51.61845	33.03739

#1	.0012535	-.008491	.000031	-.000110	.4146540	-.006968	-.015207
#2	.0020013	.030032	-.000133	.000848	.0892324	-.004083	-.011514
#3	-.001205	-.023384	-.000424	.000063	.1630541	-.002393	-.007640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043237	-.003938	-.003626	.0002277	.0006209	-.004196	-.001028
Stddev	.003328	.001118	.001419	.0000958	.0018211	.000754	.000219
%RSD	7.697360	28.38948	39.14048	42.09131	293.2868	17.96456	21.35135

#1	-.039558	-.004350	-.001988	.0001849	.0011890	-.005033	-.001164
#2	-.044114	-.002672	-.004409	.0003374	-.001416	-.003572	-.001145
#3	-.046038	-.004791	-.004482	.0001606	.002090	-.003982	-.000775

Sample Name: PB117238BL Acquired: 02/21/2019 13:14:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW238 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006786	-.000579	.0000509
Stddev	.0018927	.001600	.0000722
%RSD	278.8914	276.4097	142.0085

#1	-.001203	.000322	-.000004
#2	.000656	-.002427	.000024
#3	.002582	.000367	.000133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.844	1926.479	37423.94	3482.417	2962.559
Stddev	4.792	1.430	141.19	13.279	5.254
%RSD	.2773620	.0742244	.3772708	.3813098	.1773418

#1	1722.602	1924.905	37498.36	3468.575	2959.010
#2	1732.000	1927.696	37512.36	3483.625	2968.595
#3	1728.930	1926.837	37261.11	3495.050	2960.072

Sample Name: PB117238BS Acquired: 02/21/2019 13:18:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS238 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166319	.0536823	.0204006	.0784481	.1335143	.3960829	.4272317
Stddev	.0010185	.0007834	.0010850	.0023334	.0013476	.0068396	.0010978
%RSD	6.123757	1.459428	5.318299	2.974417	1.009338	1.726811	.2569586

#1	.0163472	.0538269	.0197086	.0809959	.1330680	.4020243	.4263657
#2	.0177625	.0543834	.0198420	.0764153	.1350284	.3886061	.4284664
#3	.0157861	.0528366	.0216510	.0779330	.1324464	.3976185	.4268629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104134	.0105492	10.77758	.0236287	.0995859	.0547230	.2000413
Stddev	.0001995	.0000275	.14317	.0003406	.0005375	.0043444	.0136865
%RSD	1.915437	.2606827	1.328428	1.441287	.5397433	7.938800	6.841852

#1	.0103134	.0105572	10.62076	.0233324	.0998476	.0504083	.2128139
#2	.0106431	.0105718	10.90132	.0240008	.0989676	.0546642	.1855948
#3	.0102837	.0105186	10.81066	.0235529	.0999424	.0590964	.2017151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335854	10.36539	.0872317	.0198622	10.20580	.1126139	.1240563
Stddev	.0007778	.15638	.0006152	.0001370	.12236	.0022590	.0095917
%RSD	2.315892	1.508669	.7052060	.6899224	1.198972	2.005995	7.731712

#1	.0342440	10.18591	.0877985	.0197925	10.32799	.1100089	.1182226
#2	.0327273	10.47231	.0865776	.0197740	10.08326	.1137978	.1188199
#3	.0337848	10.43794	.0873191	.0200201	10.20616	.1140349	.1351264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08952	.0194370	.0154100	.0207296	.1946078	.2038773	.0147309
Stddev	.08046	.0018219	.0007771	.0002522	.0042659	.0016473	.0009463
%RSD	.7974784	9.373437	5.042965	1.216500	2.192050	.8079763	6.424274

#1	10.03632	.0175396	.0151871	.0207533	.1995186	.2040899	.0139142
#2	10.18208	.0195987	.0147687	.0204665	.1924855	.2054080	.0157680
#3	10.05016	.0211726	.0162742	.0209691	.1918193	.2021341	.0145106

Sample Name: PB117238BS Acquired: 02/21/2019 13:18:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS238 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2170653	.0959189	.2112865
Stddev	.0055712	.0021705	.0005110
%RSD	2.566602	2.262815	.2418729

#1	.2117905	.0938671	.2114352
#2	.2228918	.0981912	.2117068
#3	.2165135	.0956984	.2107177

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.819	1960.099	38282.88	3591.317	3036.725
Stddev	13.999	11.539	283.47	27.434	10.902
%RSD	.7945774	.5886803	.7404589	.7638973	.3590090

#1	1760.720	1973.086	38380.51	3614.000	3047.286
#2	1776.335	1956.186	38504.63	3560.825	3037.378
#3	1748.402	1951.027	37963.50	3599.125	3025.511

Sample Name: K1530-01 Acquired: 02/21/2019 13:23:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE53 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000217	.0016823	.0022892	.0004232	-.001685	.0117685	.0029741
Stddev	.003394	.0008525	.0006871	.0010997	.001221	.0153544	.0010091
%RSD	1566.606	50.67517	30.01311	259.8899	72.47973	130.4698	33.93004

#1	-.001740	.0024538	.0018987	-.000265	-.001130	.0053373	.0029190
#2	.003672	.0018262	.0018865	.001691	-.003085	.0292928	.0040097
#3	-.002582	.0007670	.0030826	-.000157	-.000840	.0006755	.0019937

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000252	-.000041	3.539316	-.000053	-.000362	.0024602	-.021132
Stddev	.0000327	.000090	.023454	.000089	.000239	.0019027	.028795
%RSD	129.7065	219.4883	.6626725	166.1550	65.97890	77.33656	136.2620

#1	-.000012	-.000006	3.560660	.000038	-.000523	.0025862	.011857
#2	.000048	-.000143	3.543080	-.000059	-.000088	.0042968	-.034029
#3	.000041	.000026	3.514207	-.000139	-.000477	.0004977	-.041224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000352	1.278121	.0002584	.0006663	2.450812	-.001770	.0006984
Stddev	.0013271	.055629	.0001245	.0000492	.167967	.002579	.0100234
%RSD	3768.307	4.352418	48.18267	7.379271	6.853519	145.7243	1435.115

#1	.0015662	1.223341	.0003071	.0006971	2.259445	.001054	.0075174
#2	-.000675	1.334563	.0001169	.0006096	2.519167	-.004000	.0053881
#3	-.000786	1.276460	.0003511	.0006922	2.573824	-.002363	-.010810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.25196	-.000260	-.001120	.0000287	.4105765	6.765338	-.000956
Stddev	.04872	.001316	.000704	.0000673	.0059917	.015989	.001348
%RSD	3.891182	506.9187	62.89692	234.5037	1.459327	.2363336	141.0650

#1	-1.19757	.000869	-.001485	-.000023	.4150307	6.780269	-.001637
#2	-1.26673	.000058	-.000308	.000105	.4037647	6.748468	-.001827
#3	-1.29159	-.001705	-.001566	.000005	.4129343	6.767276	.000597

Sample Name: K1530-01 Acquired: 02/21/2019 13:23:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0030846	-.010553	.0327909
Stddev	.0009747	.000972	.0001357
%RSD	31.59866	9.211455	.4137986

#1	.0033634	-.011650	.0326696
#2	.0038895	-.010207	.0329374
#3	.0020009	-.009801	.0327656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.015	2027.647	39249.28	3651.400	3128.838
Stddev	13.215	5.737	175.42	13.197	9.487
%RSD	.7193483	.2829313	.4469480	.3614293	.3032065

#1	1846.626	2031.376	39216.16	3658.450	3134.498
#2	1821.946	2030.525	39092.78	3636.175	3134.130
#3	1842.473	2021.041	39438.91	3659.575	3117.885

Sample Name: K1530-02 Acquired: 02/21/2019 13:27:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015105	-.000169	.0012298	-.002169	-.001682	.0074714	.0026432
Stddev	.0016548	.000821	.0001699	.001760	.000609	.0021056	.0010290
%RSD	109.5578	485.4618	13.81159	81.16425	36.21379	28.18220	38.92879

#1	-.000026	-.001083	.0010557	-.000172	-.001050	.0055394	.0033455
#2	.001295	.000071	.0013950	-.003495	-.001730	.0071592	.0014621
#3	.003263	.000505	.0012387	-.002840	-.002265	.0097157	.0031221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000663	.0000198	6.911252	.0002905	-.000539	-.000013	-.024105
Stddev	.0000243	.0000254	.042829	.0003293	.000111	.000486	.018965
%RSD	36.58504	128.2060	.6196949	113.3705	20.64764	3697.151	78.67680

#1	.0000933	.0000397	6.956860	.0004195	-.000424	.000065	-.003271
#2	.0000463	.0000285	6.905007	-.000084	-.000548	.000429	-.028681
#3	.0000593	-.000009	6.871889	.000536	-.000646	-.000534	-.040363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004825	1.576444	.0001263	.0002881	2.347907	-.003477	-.010206
Stddev	.0006686	.082919	.0000868	.0002675	.131878	.006500	.003386
%RSD	138.5695	5.259901	68.70156	92.84317	5.616832	186.9377	33.17924

#1	-.000235	1.671957	.0000914	.0001943	2.414275	-.007603	-.013904
#2	.000595	1.534492	.0000625	.0000802	2.196029	-.006844	-.009459
#3	.001088	1.522884	.0002252	.0005899	2.433418	.004016	-.007256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.13054	.0209816	-.002508	-.000005	.2251924	6.582344	-.001404
Stddev	.03775	.0015973	.000960	.000248	.0019394	.052701	.000536
%RSD	3.339227	7.612778	38.26775	4984.815	.8612019	.8006462	38.17422

#1	-1.16964	.0227246	-.003176	-.000070	.2241455	6.521525	-.001705
#2	-1.12768	.0206326	-.002941	-.000214	.2240014	6.610968	-.001722
#3	-1.09430	.0195877	-.001408	.000269	.2274302	6.614540	-.000785

Sample Name: K1530-02 Acquired: 02/21/2019 13:27:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002561	-.012332	.0622496
Stddev	.001884	.001292	.0005110
%RSD	73.56489	10.47310	.8209557

#1	-.003227	-.013345	.0621939
#2	-.000434	-.010878	.0617687
#3	-.004020	-.012774	.0627862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.353	2010.142	38970.69	3632.533	3101.147
Stddev	8.519	4.170	161.75	16.315	4.672
%RSD	.4703060	.2074570	.4150664	.4491238	.1506681

#1	1809.951	2013.642	38784.26	3650.350	3105.988
#2	1820.485	2011.255	39054.07	3628.925	3100.791
#3	1803.621	2005.528	39073.75	3618.325	3096.663

Sample Name: K1530-03 Acquired: 02/21/2019 13:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE51D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012576	.0004719	.0022182	-.001713	-.002575	.0033790	.0035619
Stddev	.0018458	.0023313	.0009687	.000856	.000726	.0178914	.0001419
%RSD	146.7754	494.0786	43.67246	50.00353	28.18455	529.4812	3.984806

#1	-.000621	-.001851	.0019050	-.002141	-.002849	-.004026	.0035033
#2	.001326	.000455	.0014448	-.000727	-.003123	-.009621	.0037238
#3	.003069	.002811	.0033048	-.002271	-.001752	.023784	.0034587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000097	.0000094	6.801453	-.000188	-.000426	.0010665	-.025888
Stddev	.0000271	.0000645	.033541	.000445	.000263	.0021429	.013965
%RSD	281.1327	686.0219	.4931441	236.6265	61.75144	200.9372	53.94476

#1	.0000389	-.000025	6.794942	-.000696	-.000702	.0014665	-.038567
#2	.0000047	-.000031	6.771645	.000136	-.000401	.0029811	-.010919
#3	-.000015	.000084	6.837772	-.000004	-.000177	-.001248	-.028179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002640	1.573726	.0001052	.0005156	2.236509	.0038156	-.002546
Stddev	.000254	.065686	.0002561	.0002316	.070345	.0061750	.003857
%RSD	9.604700	4.173910	243.3760	44.93090	3.145310	161.8368	151.5061

#1	-.002644	1.566086	.0002676	.0007536	2.309760	.0052989	-.001197
#2	-.002892	1.512194	-.000190	.0002909	2.169484	-.002966	.000456
#3	-.002385	1.642898	.000238	.0005021	2.230282	.009114	-.006896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.16834	.0176480	-.001903	-.000013	.2209730	6.561255	-.001258
Stddev	.06439	.0018653	.000518	.000285	.0034838	.031863	.000159
%RSD	5.511127	10.56929	27.21278	2148.950	1.576562	.4856207	12.62887

#1	-1.10126	.0155060	-.001306	-.000337	.2188103	6.574528	-.001156
#2	-1.17412	.0189146	-.002167	.000201	.2191169	6.524901	-.001441
#3	-1.22964	.0185232	-.002236	.000096	.2249918	6.584335	-.001177

Sample Name: K1530-03 Acquired: 02/21/2019 13:31:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE51D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000802	-.011266	.0616472
Stddev	.002045	.001105	.0003005
%RSD	255.0053	9.812230	.4874659

#1	.001455	-.010814	.0617038
#2	-.001330	-.012526	.0619153
#3	-.002531	-.010458	.0613224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.090	2023.080	39353.97	3646.383	3123.947
Stddev	5.731	9.716	121.52	12.495	13.329
%RSD	.3126190	.4802782	.3087858	.3426630	.4266610

#1	1838.477	2027.599	39283.63	3632.500	3131.915
#2	1827.069	2029.714	39494.29	3656.725	3131.367
#3	1833.724	2011.927	39284.00	3649.925	3108.560

Sample Name: K1530-04 Acquired: 02/21/2019 13:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE51S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415811	.0580270	.0220166	.0087805	.1113825	1.980864	2.186680
Stddev	.0028664	.0012108	.0005638	.0024993	.0002013	.023135	.013610
%RSD	6.893467	2.086659	2.560959	28.46362	.1807510	1.167902	.6223823

#1	.0390925	.0586984	.0226675	.0097886	.1112247	1.977704	2.179470
#2	.0447152	.0566292	.0217009	.0059347	.1113136	1.959472	2.178192
#3	.0409356	.0587534	.0216813	.0106183	.1116093	2.005416	2.202377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542482	.0558847	6.781323	.2335685	.5249054	.2844908	1.101738
Stddev	.0004821	.0002224	.049998	.0006230	.0018137	.0044543	.007937
%RSD	.8886415	.3979136	.7372862	.2667109	.3455239	1.565694	.7203733

#1	.0545022	.0558935	6.824661	.2335212	.5242417	.2793476	1.107712
#2	.0536922	.0556581	6.726622	.2342138	.5235171	.2870371	1.092732
#3	.0545501	.0561026	6.792685	.2329706	.5269575	.2870879	1.104769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5622249	1.531561	.5664849	.0477466	2.510658	.5615505	.5230998
Stddev	.0077047	.014287	.0028218	.0001899	.171856	.0023430	.0184454
%RSD	1.370395	.9328479	.4981189	.3976921	6.845043	.4172357	3.526172

#1	.5676884	1.540855	.5640781	.0477518	2.706603	.5589537	.5078022
#2	.5534124	1.515110	.5657862	.0479339	2.385509	.5635062	.5179143
#3	.5655738	1.538718	.5695903	.0475542	2.439862	.5621915	.5435829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.19062	.0174493	-.002328	.0000243	.2217657	6.447348	-.000754
Stddev	.06007	.0005676	.000695	.0001544	.0050332	.069260	.000562
%RSD	5.045496	3.252657	29.86773	636.3670	2.269600	1.074235	74.51878

#1	-1.15136	.0180357	-.003130	.0000886	.2208598	6.464093	-.000126
#2	-1.25977	.0174095	-.001882	-.000152	.2172469	6.371251	-.001210
#3	-1.16072	.0169027	-.001973	.000136	.2271903	6.506700	-.000925

Sample Name: K1530-04 Acquired: 02/21/2019 13:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE51S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001331	-.013690	.0609753
Stddev	.002463	.001405	.0004264
%RSD	185.1415	10.26123	.6993548

#1	.000305	-.013432	.0606055
#2	-.004164	-.012433	.0608786
#3	-.000133	-.015206	.0614417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.007	2007.687	39058.49	3649.539	3099.217
Stddev	9.084	4.253	170.33	19.173	9.746
%RSD	.5012975	.2118477	.4360950	.5253411	.3144790

#1	1809.549	2009.413	39098.45	3644.023	3108.061
#2	1804.407	2010.807	38871.73	3670.865	3100.823
#3	1822.067	2002.843	39205.29	3633.729	3088.768

Sample Name: K1530-02LX5 Acquired: 02/21/2019 13:39:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE51L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001432	-.001588	.0008382	-.000094	.0000330	-.001223	-.001142
Stddev	.001851	.000688	.0023210	.002856	.0010629	.012162	.000492
%RSD	129.2176	43.33586	276.9065	3023.187	3220.722	994.0493	43.09171

#1	.000380	-.000868	.0020743	.002929	.0006528	.010639	-.001073
#2	-.001357	-.002239	-.001839	-.002747	.0006405	-.013664	-.000688
#3	-.003320	-.001657	.002279	-.000466	-.001194	-.000645	-.001665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	-.000003	1.406546	-.000086	-.000094	.0007985	-.031985
Stddev	.000031	.000047	.023841	.000243	.000281	.0013095	.005590
%RSD	64.84649	1371.086	1.695015	280.9785	297.7403	163.9952	17.47523

#1	-.000029	-.000012	1.379027	-.000259	-.000043	.0008416	-.033560
#2	-.000084	-.000046	1.419626	.000191	.000157	.0020859	-.025777
#3	-.000032	.000048	1.420983	-.000192	-.000398	-.000532	-.036619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001270	.3663972	-.000183	.0002631	.5961977	.0008054	-.006014
Stddev	.001338	.0571323	.000204	.0005148	.1856864	.0065733	.008826
%RSD	105.3264	15.59301	111.8831	195.6944	31.14510	816.1166	146.7654

#1	-.002278	.3508897	.000041	.0005432	.3996887	-.006388	-.014799
#2	-.001781	.3186196	-.000230	.0005771	.6201717	.002305	-.006095
#3	.000248	.4296825	-.000359	-.000331	.7687326	.006499	.002853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.380376	.0022366	-.005915	.0000079	.0405607	1.293502	-.000012
Stddev	.034878	.0026743	.000359	.0001786	.0031095	.007803	.000351
%RSD	9.169399	119.5708	6.061604	2265.940	7.666173	.6032486	2942.846

#1	-.340210	.0013833	-.005504	-.000066	.0435212	1.296719	-.000124
#2	-.397904	.0000930	-.006077	-.000122	.0408397	1.284605	-.000294
#3	-.403013	.0052334	-.006163	.000212	.0373211	1.299182	.000382

Sample Name: K1530-02LX5 Acquired: 02/21/2019 13:39:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE51L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000576	-.005904	.0124198
Stddev	.002434	.000208	.0000915
%RSD	422.6589	3.517189	.7366776

#1	.001399	-.006120	.0124671
#2	-.003295	-.005887	.0124779
#3	.000169	-.005706	.0123143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.791	1952.535	38080.12	3567.350	3003.013
Stddev	17.329	6.847	229.28	17.989	10.480
%RSD	.9858413	.3506576	.6020934	.5042554	.3489811

#1	1757.324	1949.632	37874.83	3551.450	2997.877
#2	1740.700	1960.355	38038.00	3563.725	3015.070
#3	1775.349	1947.618	38327.54	3586.875	2996.091

Sample Name: K1530-05 Acquired: 02/21/2019 13:43:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE55 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024601	-.000438	.0021187	-.001131	-.002684	.0302220	.0045817
Stddev	.0031715	.000451	.0004976	.000656	.001482	.0039688	.0011089
%RSD	128.9138	102.8578	23.48832	57.94591	55.21971	13.13214	24.20334

#1	.0021783	-.000015	.0016527	-.000436	-.002591	.0342673	.0056771
#2	-.000561	-.000912	.0026429	-.001220	-.001251	.0300642	.0046083
#3	.005763	-.000388	.0020606	-.001738	-.004211	.0263344	.0034598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000004	2.043241	.0001071	-.000344	-.000328	-.008945
Stddev	.000039	.000043	.035555	.0003126	.000340	.003059	.041656
%RSD	734.8554	978.3088	1.740111	291.7724	98.72960	932.5797	465.6604

#1	-.000037	-.000051	2.020799	.0003803	-.000675	.003155	.020992
#2	-.000016	.000004	2.084234	.0001748	-.000363	-.002575	.008690
#3	.000038	.000034	2.024688	-.000234	.000004	-.001564	-.056518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000261	.7791515	.0001661	.0002964	2.574399	-.000570	.0041473
Stddev	.000521	.0822007	.0002737	.0001604	.080103	.001600	.0055873
%RSD	199.8140	10.55003	164.7380	54.11470	3.111538	280.4148	134.7206

#1	-.000783	.8734871	-.000113	.0001183	2.654447	-.001999	.0049187
#2	-.000258	.7410693	.000177	.0004295	2.494240	-.000871	-.001786
#3	.000259	.7228980	.000434	.0003415	2.574510	.001158	.009309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.08254	-.003832	-.001854	-.000157	1.016365	5.914328	-.000688
Stddev	.06275	.001190	.000131	.000056	.009077	.045175	.000474
%RSD	5.796352	31.03824	7.084686	35.76969	.8930808	.7638236	68.77758

#1	-1.01080	-.004158	-.001736	-.000222	1.011390	5.948351	-.000331
#2	-1.12717	-.004825	-.001996	-.000119	1.010864	5.931560	-.000509
#3	-1.10967	-.002514	-.001832	-.000131	1.026842	5.863073	-.001225

Sample Name: K1530-05 Acquired: 02/21/2019 13:43:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE55 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003542	-.010079	.0352680
Stddev	.0022825	.000940	.0001312
%RSD	644.4131	9.330801	.3719335

#1	.0029580	-.011150	.0354141
#2	-.000594	-.009386	.0352299
#3	-.001302	-.009702	.0351602

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.182	2003.957	38751.17	3621.083	3089.896
Stddev	10.425	5.051	257.49	13.884	4.807
%RSD	.5771692	.2520510	.6644707	.3834246	.1555728

#1	1816.447	2009.362	39021.96	3608.950	3092.864
#2	1806.493	2003.152	38509.44	3618.075	3092.475
#3	1795.604	1999.357	38722.13	3636.225	3084.350

Sample Name: K1530-06 Acquired: 02/21/2019 13:47:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000924	-.000108	.0012068	-.002693	-.002858	.0233862	.0040315
Stddev	.000902	.003327	.0018567	.001489	.000802	.0086474	.0005095
%RSD	97.62524	3078.601	153.8492	55.28233	28.07630	36.97653	12.63733

#1	-.001310	.002351	.0030362	-.003693	-.003350	.0230340	.0035045
#2	.000107	.001218	-.000676	-.000982	-.003291	.0149202	.0045214
#3	-.001568	-.003893	.001260	-.003404	-.001932	.0322043	.0040688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000316	-.000058	2.023914	.0001596	-.000281	-.001472	-.020105
Stddev	.0000247	.000064	.020223	.0002594	.000153	.005502	.020554
%RSD	78.38944	109.3671	.9992086	162.5830	54.40805	373.8036	102.2295

#1	.0000326	.000013	2.009417	-.000031	-.000143	.004120	-.041416
#2	.0000063	-.000111	2.047017	.000455	-.000445	-.001657	-.000404
#3	.0000558	-.000077	2.015310	.000055	-.000255	-.006879	-.018496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000523	.7410374	.0001338	.0004301	2.542883	.0030076	-.000633
Stddev	.000783	.0477905	.0004770	.0000797	.193961	.0039727	.002130
%RSD	149.6679	6.449132	356.6069	18.52349	7.627583	132.0857	336.7688

#1	.000012	.7492423	-.000047	.0003845	2.671140	-.000253	-.000355
#2	-.001421	.6896757	.000675	.0005221	2.319748	.007432	.001345
#3	-.000160	.7841943	-.000226	.0003838	2.637762	.001844	-.002888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.14005	-.000772	-.002305	-.000175	1.007420	5.826220	-.001393
Stddev	.07344	.000928	.000765	.000029	.003923	.024039	.000799
%RSD	6.441571	120.2832	33.17750	16.48627	.3893939	.4125955	57.37863

#1	-1.13479	-.000087	-.001525	-.000142	1.010684	5.807828	-.001520
#2	-1.21598	-.000400	-.002335	-.000197	1.003068	5.817410	-.000538
#3	-1.06939	-.001828	-.003053	-.000185	1.008508	5.853420	-.002122

Sample Name: K1530-06 Acquired: 02/21/2019 13:47:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MJLE57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001027	-.010388	.0349628
Stddev	.0009117	.000752	.0001727
%RSD	887.9140	7.241820	.4939037

#1	.0000687	-.010490	.0350516
#2	.0010310	-.009589	.0350730
#3	-.000792	-.011083	.0347638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.241	2024.235	39196.14	3679.608	3120.105
Stddev	13.661	2.643	100.59	19.386	8.567
%RSD	.7501116	.1305585	.2566263	.5268509	.2745797

#1	1813.574	2024.076	39092.28	3658.000	3120.858
#2	1813.136	2026.954	39203.04	3685.350	3128.271
#3	1837.014	2021.675	39293.10	3695.475	3111.186

Sample Name: CCB035 Acquired: 02/21/2019 13:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000383	.0007339	.0002111	.0014025	.0002240	-.007229	-.002247
Stddev	.000632	.0023739	.0012587	.0035893	.0014925	.004821	.001543
%RSD	164.7515	323.4492	596.3688	255.9283	666.2006	66.69164	68.66138

#1	.000344	-.001884	.0009233	.0038489	-.000959	-.005528	-.001249
#2	-.000789	.001338	.0009521	.0030766	.001901	-.003489	-.004024
#3	-.000705	.002747	-.001242	-.002718	-.000269	-.012670	-.001468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	.0000434	.0041599	.0001407	.0000522	-.000945	-.033013
Stddev	.000023	.0000671	.0121365	.0001155	.0002667	.001855	.015560
%RSD	61.28942	154.5769	291.7521	82.04586	511.2033	196.2547	47.13212

#1	-.000045	.0000822	-.003147	.0002635	-.000118	-.001106	-.015368
#2	-.000012	-.000034	-.002543	.0001243	.000360	-.002715	-.044767
#3	-.000056	.000082	.018170	.0000343	-.000085	.000985	-.038904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000269	.0168838	-.000298	.0002574	.2685245	.0002293	-.002445
Stddev	.000683	.0553320	.000442	.0003265	.0690848	.0057321	.006344
%RSD	253.9849	327.7231	148.3193	126.8501	25.72757	2499.534	259.4968

#1	.000178	.0765157	-.000322	.0002799	.2796305	-.005124	.004751
#2	.000071	.0069340	.000156	.0005720	.1945595	.006277	-.004853
#3	-.001055	-.032798	-.000726	-.000080	.3313835	-.000466	-.007233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085436	-.004375	.0050485	.0003766	.0014977	-.004396	-.000178
Stddev	.038863	.001215	.0004832	.0001332	.0029282	.001025	.000589
%RSD	45.48772	27.76339	9.571377	35.37510	195.5143	23.30479	330.4087

#1	-.050438	-.003081	.0050551	.0002357	.0034340	-.005105	.000204
#2	-.078610	-.004553	.0055284	.0005005	.0029300	-.003222	-.000856
#3	-.127259	-.005491	.0045621	.0003935	-.001871	-.004862	.000118

Sample Name: CCB035 Acquired: 02/21/2019 13:55:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001991	.0013470	-.000012
Stddev	.000827	.0010325	.000090
%RSD	41.51896	76.65271	723.2014

#1	-.001365	.0005471	-.000073
#2	-.001680	.0025126	.000091
#3	-.002928	.0009813	-.000056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.775	1959.878	38238.09	3583.700	3014.353
Stddev	23.827	5.034	280.21	21.644	9.838
%RSD	1.350154	.2568518	.7328016	.6039534	.3263666

#1	1767.961	1961.592	38039.42	3559.350	3021.430
#2	1786.848	1963.832	38558.59	3600.750	3018.511
#3	1739.515	1954.211	38116.26	3591.000	3003.119

Sample Name: CCV035 Acquired: 02/21/2019 13:51:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV035 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.947669	4.941639	25.09618	4.846117	5.123798	415.2548	10.23345
Stddev	.010238	.015773	.08408	.017643	.025078	1.9664	.03347
%RSD	.2069170	.3191757	.3350119	.3640567	.4894410	.4735363	.3270265

#1	4.936074	4.924770	25.03004	4.843873	5.095168	414.2846	10.21726
#2	4.951472	4.944129	25.06772	4.829703	5.134354	413.9621	10.21116
#3	4.955460	4.956019	25.19080	4.864774	5.141872	417.5177	10.27194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4892097	2.459298	418.4548	15.23065	2.467607	15.02204	417.8620
Stddev	.0057947	.011165	2.3750	.02285	.006311	.05591	2.3450
%RSD	1.184503	.4539762	.5675668	.1500426	.2557441	.3721823	.5611927

#1	.4851806	2.452729	417.9623	15.22961	2.464491	15.01016	417.2645
#2	.4865978	2.452976	416.3647	15.20833	2.463460	14.97302	415.8735
#3	.4958506	2.472189	421.0375	15.25400	2.474869	15.08293	420.4479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09936	405.9386	2.571986	1.173669	403.4103	2.522504	14.45019
Stddev	.09305	1.9457	.008472	.001870	1.5338	.017650	.07897
%RSD	.6162227	.4793004	.3293892	.1593256	.3802079	.6997201	.5465130

#1	15.05735	405.0188	2.564957	1.172992	402.3288	2.504004	14.44221
#2	15.03472	404.6234	2.569608	1.172232	402.7365	2.524347	14.53285
#3	15.20600	408.1737	2.581393	1.175783	405.1657	2.539160	14.37552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.1761	5.464895	4.983069	4.828071	5.227058	4.874858	5.132122
Stddev	1.1660	.036094	.053194	.015810	.037258	.053889	.019879
%RSD	.7662068	.6604739	1.067485	.3274537	.7127866	1.105441	.3873478

#1	151.6769	5.437228	4.947047	4.824041	5.215709	4.828216	5.115983
#2	151.3429	5.451735	4.957994	4.814667	5.196794	4.862509	5.126055
#3	153.5086	5.505723	5.044165	4.845506	5.268670	4.933849	5.154327

Sample Name: CCV035 Acquired: 02/21/2019 13:51:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015410	5.068294	4.984201
Stddev	.024495	.021388	.019584
%RSD	.4883897	.4219918	.3929199

#1	5.003760	5.055255	4.980559
#2	4.998915	5.056649	4.966693
#3	5.043556	5.092977	5.005350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.402	1630.133	35705.95	3431.241	2398.339
Stddev	6.971	.969	225.54	26.741	3.083
%RSD	.4543353	.0594174	.6316615	.7793380	.1285368

#1	1530.144	1630.070	35447.24	3447.428	2401.894
#2	1530.615	1629.197	35861.18	3445.919	2396.706
#3	1542.447	1631.131	35809.44	3400.375	2396.416

Sample Name: PB117252BL Acquired: 02/21/2019 14:04:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS252 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001571	-.003429	.0022015	.0021480	-.000757	-.010077	-.001272
Stddev	.002064	.001866	.0009287	.0020110	.000824	.003912	.000588
%RSD	131.4014	54.41262	42.18194	93.61990	108.8343	38.82218	46.25482

#1	-.002144	-.005258	.0032731	.0015078	-.001174	-.008778	-.001394
#2	-.003287	-.001528	.0016310	.0005351	-.001289	-.014473	-.000632
#3	.000719	-.003503	.0017006	.0044012	.000192	-.006980	-.001789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	.0000682	.0218598	.0046112	-.000426	-.001032	.0100729
Stddev	.000046	.0000830	.0260082	.0002890	.000163	.005053	.0257460
%RSD	28.58106	121.6294	118.9776	6.267475	38.20143	489.6050	255.5954

#1	-.000215	.0000902	.0475073	.0048806	-.000524	-.004306	-.019385
#2	-.000134	-.000024	-.004495	.0046472	-.000516	-.003578	.028269
#3	-.000136	.000138	.022567	.0043059	-.000238	.004788	.021335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005762	.0817799	.0003674	.0002617	.2124942	-.000291	-.005117
Stddev	.0011459	.0177831	.0001488	.0002584	.1027934	.006129	.006553
%RSD	198.8753	21.74511	40.50712	98.72832	48.37471	2104.961	128.0723

#1	.0018615	.1014382	.0002225	.0003398	.0938087	-.007212	-.008022
#2	-.000339	.0770891	.0003598	-.000027	.2704883	.001887	-.009715
#3	.000206	.0668124	.0005199	.000472	.2731854	.004451	.002387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.957615	.0008266	-.004383	.0001119	-.004121	-.004766	-.000424
Stddev	.023007	.0019450	.000300	.0001038	.000917	.000114	.000678
%RSD	2.402528	235.2887	6.834519	92.74423	22.25568	2.401162	159.6689

#1	-.975789	.0030493	-.004072	.0000071	-.003894	-.004827	.000133
#2	-.965308	-.000563	-.004409	.0001141	-.003339	-.004837	-.000228
#3	-.931747	-.000006	-.004669	.0002147	-.005131	-.004634	-.001179

Sample Name: PB117252BL Acquired: 02/21/2019 14:04:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS252 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001345	-.006536	-.000047
Stddev	.001887	.002074	.000091
%RSD	140.2446	31.72798	194.4916

#1	.000810	-.008568	.000024
#2	-.002699	-.006615	-.000149
#3	-.002147	-.004423	-.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.066	1983.488	38639.22	3652.892	3037.450
Stddev	8.029	3.813	45.73	35.839	7.433
%RSD	.4507899	.1922409	.1183423	.9811055	.2447232

#1	1784.797	1987.683	38678.33	3637.850	3033.791
#2	1771.851	1982.550	38588.95	3627.025	3046.003
#3	1786.551	1980.232	38650.39	3693.800	3032.555

Sample Name: K1530-07 Acquired: 02/21/2019 13:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008556	.0000717	.0006282	-.002377	-.002802	-.003922	-.001914
Stddev	.0031110	.0020574	.0012561	.000977	.001847	.004693	.001273
%RSD	363.5988	2868.929	199.9481	41.11381	65.89612	119.6492	66.51387

#1	.0007059	-.001364	-.000761	-.001367	-.003838	-.008902	-.000473
#2	-.002178	-.000849	.001683	-.003318	-.003898	-.003283	-.002382
#3	.004039	.002429	.000963	-.002445	-.000670	.000418	-.002886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000442	-.000012	.1015155	.0003361	-.000033	-.000812	-.035060
Stddev	.0001049	.000082	.0237037	.0004016	.000162	.001542	.015859
%RSD	237.5764	657.3476	23.34982	119.4809	483.7884	190.0201	45.23465

#1	-.000075	.000077	.1288614	.0002946	-.000036	-.002497	-.047052
#2	.000084	-.000084	.0888514	.0007569	.000129	-.000467	-.041049
#3	.000123	-.000030	.0868338	-.000043	-.000194	.000529	-.017078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000416	-.012337	-.000189	.0006159	.5017159	.0014191	-.004338
Stddev	.000312	.012142	.000231	.0002902	.0949468	.0033612	.005164
%RSD	75.06763	98.42310	121.9858	47.12220	18.92441	236.8567	119.0352

#1	-.000768	-.013911	-.000219	.0006607	.6104043	.0018493	-.009962
#2	-.000306	-.023615	.000055	.0003059	.4349208	-.002137	-.003241
#3	-.000173	.000516	-.000403	.0008812	.4598227	.004545	.000189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.52432	-.005084	-.003493	.0001631	.0051269	.4541992	-.000192
Stddev	.02364	.002062	.000612	.0002717	.0053315	.0032182	.000613
%RSD	1.550988	40.54630	17.52801	166.6271	103.9900	.7085345	319.3565

#1	-1.49808	-.007132	-.004087	.0000411	.0059470	.4543213	.000399
#2	-1.53093	-.003009	-.002864	-.000026	-.000567	.4509217	-.000149
#3	-1.54395	-.005112	-.003529	.000474	.010001	.4573545	-.000826

Sample Name: K1530-07 Acquired: 02/21/2019 13:59:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MJLE58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001145	-.010642	.0002804
Stddev	.001397	.002084	.0000658
%RSD	121.9851	19.58150	23.48221

#1	-.002230	-.008837	.0002080
#2	-.001635	-.012922	.0002965
#3	.000431	-.010166	.0003367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.002	2030.191	39515.99	3688.883	3094.438
Stddev	6.996	4.446	188.34	1.936	9.549
%RSD	.3814763	.2189852	.4766088	.0524793	.3085898

#1	1833.907	2033.801	39482.40	3691.100	3101.230
#2	1827.054	2031.548	39346.72	3687.525	3098.565
#3	1841.045	2025.225	39718.87	3688.025	3083.520

Sample Name: PB117252BS Acquired: 02/21/2019 14:08:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS252 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158797	.0484369	.0233310	.0636901	.1230052	.3856135
Stddev	.0021047	.0012196	.0000983	.0030628	.0015239	.0085775
%RSD	13.25372	2.517806	.4214728	4.808972	1.238911	2.224386

#1	.0148703	.0492611	.0232409	.0637139	.1213377	.3876126
#2	.0144698	.0490136	.0234359	.0667410	.1233521	.3762129
#3	.0182989	.0470359	.0233162	.0606154	.1243257	.3930149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3746966	.0092365	.0099888	F 2.041284	.0245548	.0952522
Stddev	.0002881	.0001187	.0000311	.017086	.0001877	.0001408
%RSD	.0768789	1.285518	.3109028	.8370348	.7643562	.1478190

#1	.3745017	.0092714	.0100183	2.027133	.0246224	.0951997
#2	.3745606	.0091042	.0099917	2.036452	.0243426	.0951453
#3	.3750275	.0093338	.0099564	2.060265	.0246992	.0954118

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536443	.1954581	.0323089	F 2.038739	.0834004	.0183889
Stddev	.0018016	.0230110	.0009711	.006599	.0011148	.0005951
%RSD	3.358425	11.77285	3.005691	.3236884	1.336694	3.236022

#1	.0518635	.2133141	.0334271	2.031908	.0830932	.0186120
#2	.0554660	.1694896	.0318230	2.039230	.0824714	.0177145
#3	.0536036	.2035707	.0316767	2.045078	.0846366	.0188402

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.542465	.1123110	.1013624	8.816083	.0193137	F .0128109
Stddev	.059557	.0090611	.0048348	.025814	.0028808	.0007041
%RSD	.6241289	8.067835	4.769854	.2928027	14.91580	5.496363

#1	9.549982	.1170836	.0966041	8.808467	.0226385	.0122500
#2	9.597907	.1018612	.1062703	8.794933	.0177425	.0136011
#3	9.479506	.1179881	.1012128	8.844847	.0175601	.0125817

Sample Name: PB117252BS Acquired: 02/21/2019 14:08:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS252 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197390	.1811061	.1781756	.0151334	F -.000885	.0834876
Stddev	.0001510	.0009029	.0008721	.0008250	.001268	.0009857
%RSD	.7648322	.4985517	.4894658	5.451465	143.3091	1.180674

#1	.0197796	.1819469	.1777641	.0146772	.000574	.0824642
#2	.0195719	.1812196	.1775854	.0146372	-.001506	.0844307
#3	.0198655	.1801518	.1791773	.0160857	-.001722	.0835679

Elem	Sr4077
Units	ppm
Avg	.1991596
Stddev	.0007466
%RSD	.3748560

#1	.1998541
#2	.1983701
#3	.1992548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.918	1981.998	38822.19	3687.483	3061.617
Stddev	7.613	3.021	49.95	13.735	5.232
%RSD	.4284599	.1524402	.1286716	.3724818	.1708861

#1	1770.908	1984.264	38770.08	3683.000	3064.798
#2	1774.366	1983.161	38826.82	3702.900	3064.474
#3	1785.479	1978.567	38869.67	3676.550	3055.579

Sample Name: K1542-01 Acquired: 02/21/2019 14:12:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.108669	.0234806	F 744.2978	.0250343	F 36.62499	72.38272
Stddev	.024270	.0043548	4.1140	.0015151	.10910	.18190
%RSD	.3973066	18.54647	.5527406	6.051895	.2978920	.2512967

#1	6.118722	.0186115	744.4535	.0265850	36.62967	72.39871
#2	6.080988	.0270031	740.1081	.0235577	36.51363	72.55609
#3	6.126298	.0248271	748.3318	.0249600	36.73168	72.19335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.551998	.0125152	.4589859	286.6051	.0906329	.0941505
Stddev	.001295	.0001281	.0021899	1.0090	.0011196	.0002028
%RSD	.0834408	1.023400	.4771226	.3520678	1.235276	.2154282

#1	1.550781	.0126340	.4580621	286.4810	.0916621	.0943669
#2	1.553359	.0125321	.4574093	287.6705	.0894408	.0939647
#3	1.551854	.0123795	.4614864	285.6639	.0907957	.0941199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.944588	203.3007	5.225015	66.28013	.2524849	.0102086
Stddev	.012128	.8192	.035225	.69939	.0015478	.0008696
%RSD	.2040256	.4029680	.6741518	1.055199	.6130211	8.518156

#1	5.949345	202.9651	5.220566	66.25062	.2513124	.0110206
#2	5.953618	204.2345	5.262252	66.99381	.2519031	.0092910
#3	5.930802	202.7026	5.192226	65.59597	.2542393	.0103141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.149380	.1072295	2.139171	10.50437	25.12418	.2556737
Stddev	.272381	.0013904	.048546	.08067	.03967	.0040383
%RSD	3.342354	1.296629	2.269379	.7679935	.1579046	1.579475

#1	8.118592	.1060960	2.083118	10.49880	25.09088	.2511406
#2	7.893701	.1068116	2.166662	10.58769	25.11359	.2588869
#3	8.435847	.1087809	2.167732	10.42663	25.16807	.2569937

Sample Name: K1542-01 Acquired: 02/21/2019 14:12:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113928	50.39484	1.729700	4.117313	1.746604	.1030882
Stddev	.0002419	.12595	.015641	.016346	.008331	.0018623
%RSD	2.122883	.2499180	.9042859	.3970027	.4769935	1.806529

#1	.0111316	50.35052	1.741202	4.112481	1.740457	.1046476
#2	.0114378	50.29705	1.736009	4.103928	1.756086	.1010261
#3	.0116090	50.53696	1.711890	4.135530	1.743270	.1035907

Elem	Sr4077
Units	ppm
Avg	.5692211
Stddev	.0007414
%RSD	.1302549

#1	.5694554
#2	.5683909
#3	.5698171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.186	2261.609	47470.43	4476.176	2832.223
Stddev	14.289	8.285	411.38	45.633	9.257
%RSD	.6899078	.3663415	.8666059	1.019475	.3268422

#1	2084.774	2256.315	47933.89	4459.999	2830.224
#2	2056.286	2271.157	47148.49	4440.836	2842.316
#3	2072.499	2257.355	47328.92	4527.695	2824.128

Sample Name: K1542-02 Acquired: 02/21/2019 14:16:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.173518	.0277688	F 746.9776	.0274484	F 37.47115	72.26589
Stddev	.024474	.0042533	6.2711	.0041286	.14657	.07031
%RSD	.3964299	15.31671	.8395241	15.04119	.3911637	.0972898

#1	6.149367	.0292744	740.2654	.0227712	37.35081	72.20764
#2	6.172884	.0229675	752.6866	.0289888	37.42826	72.34399
#3	6.198302	.0310644	747.9807	.0305854	37.63439	72.24603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.554814	.0126725	.4522897	278.0281	.0917413	.0974789
Stddev	.003560	.0000912	.0026064	.5644	.0011438	.0011943
%RSD	.2289957	.7195586	.5762603	.2030135	1.246708	1.225217

#1	1.555018	.0127343	.4500533	278.4161	.0914701	.0964467
#2	1.558268	.0127155	.4516639	277.3805	.0907576	.0972029
#3	1.551156	.0125678	.4551521	278.2875	.0929963	.0987871

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.177861	201.3754	5.305681	64.86340	.2532922	.0103834
Stddev	.023894	.3717	.011087	.48178	.0016074	.0001305
%RSD	.3867743	.1845919	.2089594	.7427580	.6346038	1.256283

#1	6.189371	201.6730	5.308984	65.08648	.2514914	.0104180
#2	6.193822	200.9587	5.293319	64.31052	.2545819	.0104931
#3	6.150390	201.4943	5.314742	65.19321	.2538032	.0102392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.350790	.1114407	2.139743	10.98376	24.68042	.2437524
Stddev	.255480	.0040357	.004827	.02849	.12771	.0012655
%RSD	4.022803	3.621362	.2255959	.2593567	.5174537	.5191696

#1	6.422425	.1134877	2.134660	11.00649	24.55139	.2434802
#2	6.067139	.1140427	2.144265	10.99299	24.68312	.2451319
#3	6.562805	.1067917	2.140305	10.95181	24.80676	.2426452

Sample Name: K1542-02 Acquired: 02/21/2019 14:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114132	51.17361	1.774416	4.110279	1.763621	.1042769
Stddev	.0003466	.24506	.015740	.015023	.002224	.0009354
%RSD	3.037024	.4788850	.8870384	.3655050	.1261023	.8970503

#1	.0110432	50.93595	1.792341	4.098537	1.764694	.1044798
#2	.0117304	51.15941	1.768055	4.105091	1.765105	.1032567
#3	.0114658	51.42546	1.762852	4.127209	1.761064	.1050942

Elem	Sr4077
Units	ppm
Avg	.5669372
Stddev	.0006580
%RSD	.1160687

#1	.5674126
#2	.5672128
#3	.5661862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.674	2272.363	47827.47	4503.112	2837.667
Stddev	5.191	6.938	249.86	15.765	10.672
%RSD	.2505937	.3053370	.5224235	.3501017	.3760918

#1	2069.988	2279.841	48071.21	4485.009	2849.658
#2	2077.499	2271.114	47839.29	4513.825	2834.133
#3	2067.535	2266.134	47571.91	4510.502	2829.209

Sample Name: K1542-01LX5 Acquired: 02/21/2019 14:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.471371	.0058760	F 166.6525	.0051751	8.988104	16.76999
Stddev	.011646	.0013977	.9355	.0033676	.056285	.02751
%RSD	.7914828	23.78577	.5613198	65.07274	.6262178	.1640301

#1	1.463349	.0072004	165.8511	.0027935	8.935418	16.80150
#2	1.466034	.0044151	166.4261	.0090279	8.981489	16.75767
#3	1.484728	.0060125	167.6804	.0037038	9.047404	16.75079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3633066	.0031127	.0963798	66.49694	.0230815	.0187092
Stddev	.0019577	.0000753	.0005714	.62834	.0005085	.0002525
%RSD	.5388584	2.417377	.5928780	.9449168	2.203272	1.349714

#1	.3653386	.0031990	.0958257	67.22174	.0234805	.0185432
#2	.3614329	.0030785	.0963466	66.16296	.0225089	.0185847
#3	.3631482	.0030606	.0969670	66.10611	.0232550	.0189998

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.443264	49.00990	1.264765	15.54293	.0518635	.0026502
Stddev	.002026	.22393	.008169	.08337	.0009654	.0001940
%RSD	.1403470	.4569087	.6458830	.5363652	1.861393	7.318645

#1	1.443063	49.22081	1.273892	15.51563	.0520057	.0024594
#2	1.441347	49.03398	1.258139	15.63653	.0508349	.0026440
#3	1.445383	48.77490	1.262263	15.47664	.0527499	.0028472

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.840318	.0248790	.5045196	2.430138	5.152771	.0582530
Stddev	.308415	.0063484	.0092789	.033405	.033828	.0011309
%RSD	16.75880	25.51689	1.839166	1.374598	.6564914	1.941342

#1	1.619472	.0217896	.4989799	2.467020	5.121669	.0595555
#2	1.708790	.0321807	.4993471	2.401917	5.147857	.0576824
#3	2.192692	.0206667	.5152319	2.421477	5.188787	.0575212

Sample Name: K1542-01LX5 Acquired: 02/21/2019 14:24:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026507	10.34030	.4193278	.8422564	.4140069	.0207745
Stddev	.0001530	.03506	.0062106	.0049168	.0015894	.0019463
%RSD	5.773134	.3390706	1.481077	.5837631	.3838978	9.368883
#1	.0026945	10.31014	.4264342	.8385743	.4156674	.0197978
#2	.0027770	10.33200	.4166089	.8403551	.4124998	.0195098
#3	.0024805	10.37877	.4149404	.8478400	.4138537	.0230158

Elem	Sr4077
Units	ppm
Avg	.1339171
Stddev	.0004529
%RSD	.3382216
#1	.1344029
#2	.1335063
#3	.1338422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.284	1992.529	39814.55	3780.272	2921.218
Stddev	5.443	12.452	53.37	22.387	16.926
%RSD	.2993491	.6249424	.1340506	.5922001	.5794038
#1	1813.447	2001.146	39765.11	3754.911	2934.927
#2	1824.178	1998.189	39807.42	3797.287	2926.426
#3	1817.227	1978.252	39871.13	3788.619	2902.300

Sample Name: K1542-04 Acquired: 02/21/2019 14:28:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4699267	-.001892	F 142.7118	.0096715	1.616079	32.48166
Stddev	.0050638	.002914	.6017	.0018185	.011555	.16128
%RSD	1.077564	153.9968	.4216365	18.80288	.7150047	.4965275

#1	.4693900	-.000908	142.3011	.0116527	1.603383	32.44549
#2	.4752375	-.005170	142.4319	.0092839	1.618876	32.34153
#3	.4651527	.000402	143.4025	.0080781	1.625979	32.65795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7559880	.0058391	.0249865	259.9452	.1004457	.0682185
Stddev	.0018472	.0000508	.0000431	1.8999	.0002617	.0004864
%RSD	.2443382	.8698863	.1722954	.7308815	.2605590	.7130513

#1	.7548757	.0058960	.0249961	258.9260	.1002501	.0677294
#2	.7549680	.0058227	.0249394	258.7724	.1007430	.0682238
#3	.7581203	.0057985	.0250239	262.1372	.1003440	.0687022

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.633548	218.2178	8.137272	70.86559	.2101320	-.006537
Stddev	.006509	1.3539	.077133	.24284	.0004735	.000284
%RSD	.3984887	.6204223	.9479036	.3426720	.2253537	4.341941

#1	1.640276	217.5033	8.098989	70.80715	.2096869	-.006273
#2	1.633087	217.3708	8.086768	70.65731	.2100795	-.006500
#3	1.627281	219.7792	8.226058	71.13231	.2106296	-.006837

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3912723	.1809076	.9853676	2.748252	3.535727	.2181573
Stddev	.1348516	.0069073	.0043467	.044168	.014299	.0042323
%RSD	34.46489	3.818137	.4411241	1.607120	.4044031	1.940004

#1	.4940706	.1880215	.9903527	2.778441	3.534695	.2208992
#2	.2385848	.1804742	.9823699	2.697559	3.521973	.2132830
#3	.4411615	.1742273	.9833801	2.768756	3.550514	.2202898

Sample Name: K1542-04 Acquired: 02/21/2019 14:28:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103312	7.796697	1.906868	.4965226	2.066764	.0570435
Stddev	.0002005	.023573	.007264	.0036984	.005745	.0007039
%RSD	1.941056	.3023462	.3809365	.7448700	.2779524	1.233922
#1	.0102662	7.788311	1.910175	.4922535	2.060273	.0578530
#2	.0105562	7.778464	1.898539	.4987535	2.071195	.0567012
#3	.0101712	7.823317	1.911891	.4985609	2.068823	.0565762

Elem	Sr4077
Units	ppm
Avg	.3684351
Stddev	.0000754
%RSD	.0204719
#1	.3684058
#2	.3683788
#3	.3685208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.125	2129.312	43576.71	4173.874	2799.681
Stddev	10.012	9.082	75.05	9.795	10.617
%RSD	.5141708	.4265141	.1722253	.2346778	.3792063
#1	1947.838	2137.415	43658.73	4184.988	2808.741
#2	1956.760	2131.026	43559.94	4170.133	2802.304
#3	1936.776	2119.495	43511.47	4166.500	2787.999

Sample Name: K1542-01DLX20 Acquired: 02/21/2019 14:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4158343	.0004279	45.49755	.0010928	2.531167	4.702305	.1004297
Stddev	.0013129	.0016964	.18245	.0040502	.005303	.004731	.0006479
%RSD	.3157356	396.4329	.4010040	370.6154	.2095070	.1006110	.6451590

#1	.4158980	-.000475	45.34589	-.003425	2.529777	4.704070	.0998300
#2	.4144906	.002385	45.44675	.004400	2.526697	4.705899	.1003422
#3	.4171142	-.000626	45.70002	.002304	2.537026	4.696945	.1011170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007972	.0269868	18.96103	.0067461	.0044343	.3976054	13.81227
Stddev	.0000277	.0000978	.09686	.0003236	.0002457	.0033048	.05226
%RSD	3.472799	.3623714	.5108577	4.796209	5.540049	.8311807	.3783677

#1	.0007913	.0269274	18.86270	.0065395	.0041704	.4008672	13.76769
#2	.0007730	.0269333	18.96403	.0065799	.0044760	.3976899	13.86978
#3	.0008274	.0270996	19.05636	.0071190	.0046564	.3942592	13.79935

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3531534	4.464914	.0139618	.0014128	.6266727	.0031520	.1370160
Stddev	.0016346	.082623	.0004426	.0000938	.0949521	.0019959	.0093237
%RSD	.4628637	1.850492	3.170269	6.636108	15.15179	63.31986	6.804856

#1	.3530253	4.393134	.0138229	.0013900	.5507567	.0014136	.1263252
#2	.3548483	4.555230	.0136053	.0015159	.7331397	.0027110	.1412604
#3	.3515866	4.446378	.0144573	.0013326	.5961218	.0053316	.1434624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5715515	1.430690	.0122108	.0009820	2.793536	.1133034	.2320887
Stddev	.0188751	.008299	.0012474	.0001338	.001267	.0004304	.0016721
%RSD	3.302432	.5800435	10.21557	13.62471	.0453493	.3798865	.7204649

#1	.5543028	1.422674	.0136470	.0009889	2.792460	.1136828	.2332712
#2	.5917141	1.430151	.0115880	.0008450	2.794932	.1128356	.2301756
#3	.5686376	1.439245	.0113974	.0011123	2.793216	.1133917	.2328193

Sample Name: K1542-01DLX20 Acquired: 02/21/2019 14:36:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1147421	.0032792	.0379301
Stddev	.0019443	.0006143	.0003006
%RSD	1.694519	18.73172	.7925109

#1	.1161807	.0025715	.0381901
#2	.1125301	.0036737	.0376009
#3	.1155155	.0035925	.0379992

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.005	1971.788	39089.08	3699.700	2989.370
Stddev	10.550	3.315	191.78	29.696	5.927
%RSD	.5910549	.1681017	.4906344	.8026503	.1982584

#1	1781.587	1972.620	39066.44	3727.925	2992.614
#2	1796.841	1974.608	39291.18	3702.450	2992.966
#3	1776.588	1968.137	38909.63	3668.725	2982.529

Sample Name: K1542-02DLX20 Acquired: 02/21/2019 14:40:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4089549	-.000186	44.87234	.0007085	2.530585	4.650982	.0989205
Stddev	.0038206	.003342	.21795	.0006101	.010669	.016130	.0008035
%RSD	.9342350	1796.127	.4857190	86.11825	.4216080	.3468069	.8122445

#1	.4047068	-.001008	44.66882	.0012334	2.520636	4.636421	.0997841
#2	.4100483	.003491	44.84589	.0000391	2.529267	4.648204	.0981951
#3	.4121096	-.003041	45.10231	.0008531	2.541852	4.668320	.0987822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008515	.0258118	18.50972	.0078570	.0046463	.4108242	13.70432
Stddev	.0000301	.0001332	.07193	.0020443	.0001474	.0020044	.10344
%RSD	3.530700	.5159324	.3885859	26.01903	3.171612	.4878985	.7547718

#1	.0008841	.0256660	18.42717	.0102165	.0045893	.4090263	13.59228
#2	.0008249	.0258422	18.54311	.0066137	.0045359	.4104610	13.79617
#3	.0008457	.0259271	18.55888	.0067410	.0048136	.4129854	13.72451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635474	4.320473	.0140897	.0010746	.3804376	.0076326	.1310921
Stddev	.0043099	.052269	.0003179	.0003927	.0879663	.0049319	.0067009
%RSD	1.185516	1.209791	2.256119	36.54408	23.12240	64.61693	5.111627

#1	.3632926	4.374117	.0137394	.0014170	.3874669	.0103226	.1286508
#2	.3679791	4.269698	.0143597	.0006459	.2891676	.0106346	.1386714
#3	.3593706	4.317603	.0141700	.0011608	.4646784	.0019405	.1259541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5384804	1.356257	.0105786	.0009177	2.746891	.1241914	.2240055
Stddev	.0264362	.006491	.0009063	.0001971	.017306	.0137247	.0027330
%RSD	4.909404	.4785799	8.567259	21.47603	.6300298	11.05121	1.220065

#1	.5112404	1.350799	.0095527	.0006922	2.727754	.1400107	.2235965
#2	.5401690	1.354537	.0112704	.0010570	2.761442	.1154572	.2269200
#3	.5640318	1.363434	.0109126	.0010040	2.751478	.1171064	.2215001

Sample Name: K1542-02DLX20 Acquired: 02/21/2019 14:40:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1131362	.0042756	.0368769
Stddev	.0040094	.0001749	.0000580
%RSD	3.543907	4.090352	.1573710

#1	.1139437	.0040869	.0368467
#2	.1166805	.0044322	.0369438
#3	.1087845	.0043077	.0368402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.613	1963.948	38661.20	3658.300	2979.704
Stddev	9.094	5.143	46.54	17.394	7.405
%RSD	.5118598	.2618637	.1203711	.4754736	.2485300

#1	1780.215	1964.530	38608.05	3644.700	2982.961
#2	1783.353	1968.775	38694.60	3677.900	2984.923
#3	1766.270	1958.539	38680.96	3652.300	2971.229

Sample Name: K1542-03DLX20 Acquired: 02/21/2019 14:44:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4175131	.0051566	41.91555	.0029376	1.861055	3.604226	.2496527
Stddev	.0046945	.0014273	.13757	.0016699	.009322	.020300	.0008473
%RSD	1.124402	27.68007	.3281984	56.84518	.5008808	.5632335	.3393878

#1	.4223439	.0038413	41.79412	.0046427	1.851086	3.601173	.2486811
#2	.4129679	.0049540	41.88757	.0013054	1.862523	3.585624	.2502386
#3	.4172274	.0066744	42.06495	.0028646	1.869555	3.625879	.2500382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055893	.0299464	13.23273	.0286590	.0542502	.4372713	13.51337
Stddev	.0000719	.0000899	.08010	.0011075	.0000714	.0040431	.01072
%RSD	1.285829	.3001990	.6053401	3.864501	.1315981	.9246170	.0793353

#1	.0055750	.0298435	13.14645	.0288361	.0543210	.4326407	13.51235
#2	.0056672	.0300099	13.24699	.0296673	.0541782	.4390719	13.50319
#3	.0055257	.0299857	13.30474	.0274736	.0542515	.4401012	13.52456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3066901	2.691285	.0698787	.0051394	.1448577	.0552416	.1918164
Stddev	.0021095	.039812	.0007117	.0001708	.2025717	.0018402	.0190673
%RSD	.6878363	1.479288	1.018535	3.323304	139.8419	3.331152	9.940410

#1	.3084263	2.645488	.0695342	.0052632	.2385625	.0535680	.1760767
#2	.3043423	2.710719	.0694047	.0049445	-.087601	.0549447	.1863535
#3	.3073016	2.717647	.0706971	.0052103	.283612	.0572122	.2130189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4076003	1.286793	.0084773	.0013516	2.546669	.0746168	.1792375
Stddev	.1663353	.002542	.0005891	.0001636	.011650	.0013442	.0004170
%RSD	40.80843	.1975156	6.949456	12.10460	.4574439	1.801488	.2326408

#1	.5499468	1.289584	.0091491	.0011639	2.537170	.0738186	.1795048
#2	.2247555	1.284610	.0080490	.0014267	2.543171	.0761688	.1794506
#3	.4480985	1.286187	.0082336	.0014642	2.559667	.0738631	.1787570

Sample Name: K1542-03DLX20 Acquired: 02/21/2019 14:44:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0927256	.0019614	.0282208
Stddev	.0015235	.0008631	.0001702
%RSD	1.642961	44.00451	.6032008

#1	.0927039	.0018246	.0280311
#2	.0912131	.0028847	.0283601
#3	.0942598	.0011749	.0282712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.846	1997.872	39290.25	3711.058	3033.893
Stddev	2.829	5.317	29.21	6.510	4.881
%RSD	.1562288	.2661575	.0743515	.1754335	.1608787

#1	1807.589	2001.170	39265.23	3710.275	3038.448
#2	1812.263	2000.708	39322.35	3717.925	3034.489
#3	1812.687	1991.738	39283.16	3704.975	3028.741

Sample Name: K1542-01LDLX100 Acquired: 02/21/2019 14:48:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844494	-.000567	9.055525	.0000519	.5175437	.9466485	.0183720
Stddev	.0038510	.002174	.038761	.0019652	.0045477	.0140495	.0009107
%RSD	4.560142	383.3085	.4280365	3786.693	.8787017	1.484125	4.957160

#1	.0831789	.001896	9.038890	-.001122	.5153098	.9404951	.0191704
#2	.0813941	-.001380	9.027858	.002321	.5145450	.9627247	.0173801
#3	.0887751	-.002218	9.099827	-.001043	.5227763	.9367256	.0185655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000993	.0054494	3.871552	.0015241	.0010890	.0796642	2.746003
Stddev	.0000405	.0000630	.038002	.0005211	.0001490	.0042866	.025206
%RSD	40.78524	1.155357	.9815624	34.19152	13.68660	5.380789	.9179059

#1	.0000566	.0053990	3.862797	.0009267	.0010220	.0750187	2.717246
#2	.0001039	.0054292	3.913167	.0017606	.0012598	.0805075	2.756497
#3	.0001372	.0055200	3.838691	.0018851	.0009852	.0834665	2.764266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737516	.8823641	.0027199	.0007907	.1727424	.0013137	.0339709
Stddev	.0005361	.0346923	.0001820	.0004483	.2510715	.0073580	.0071091
%RSD	.7269195	3.931740	6.689539	56.69794	145.3445	560.0927	20.92713

#1	.0731721	.9151531	.0025161	.0003128	.1010681	.0069941	.0394737
#2	.0738527	.8858998	.0027775	.0012020	-.034698	.0039452	.0259442
#3	.0742299	.8460394	.0028661	.0008573	.451857	-.006998	.0364949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074198	.2778276	-.004238	.0003297	.5597390	.0201301	.0450179
Stddev	.0431750	.0042663	.000420	.0001399	.0022896	.0003576	.0005465
%RSD	581.8894	1.535583	9.908707	42.42355	.4090408	1.776683	1.213947

#1	.0125647	.2817536	-.003852	.0002441	.5621860	.0205429	.0455990
#2	-.038097	.2784417	-.004685	.0004911	.5576488	.0199148	.0449405
#3	.047792	.2732876	-.004178	.0002539	.5593822	.0199325	.0445142

Sample Name: K1542-01LDLX100 Acquired: 02/21/2019 14:48:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0209358	-.003134	.0075157
Stddev	.0012637	.001771	.0000371
%RSD	6.035881	56.50928	.4934665

#1	.0222659	-.002534	.0074960
#2	.0207905	-.005128	.0074927
#3	.0197511	-.001741	.0075585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.301	1991.630	38923.41	3674.408	3029.179
Stddev	1.737	9.454	56.55	19.392	11.958
%RSD	.0967644	.4746747	.1452909	.5277465	.3947563

#1	1794.539	1998.508	38952.94	3696.500	3033.723
#2	1797.289	1995.533	38959.09	3666.525	3038.198
#3	1794.075	1980.850	38858.21	3660.200	3015.615

Sample Name: K1542-04DLX10 Acquired: 02/21/2019 14:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545251	-.002571	13.61160	.0001949	.1800428	3.485633	.0798071
Stddev	.0015492	.002905	.07059	.0013671	.0039146	.020523	.0010867
%RSD	2.841206	113.0009	.5186085	701.4214	2.174259	.5887952	1.361607

#1	.0560677	.000776	13.55517	.0016576	.1757286	3.494906	.0791172
#2	.0529695	-.004446	13.58888	-.001051	.1810317	3.499884	.0792443
#3	.0545382	-.004042	13.69075	-.000022	.1833681	3.462110	.0810597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006279	.0024980	28.36652	.0118187	.0055258	.1830102	24.30254
Stddev	.0000512	.0000540	.09195	.0003987	.0002777	.0057075	.11290
%RSD	8.160171	2.160587	.3241666	3.373466	5.024530	3.118679	.4645738

#1	.0006301	.0025403	28.47045	.0117752	.0052944	.1805030	24.43268
#2	.0005756	.0025165	28.33339	.0114436	.0054495	.1895422	24.23078
#3	.0006780	.0024372	28.29572	.0122374	.0058337	.1789855	24.24415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9112553	7.687509	.0200362	-.000289	.0724250	.0193834	.0977479
Stddev	.0058037	.120282	.0004590	.000353	.3611213	.0060095	.0098128
%RSD	.6368953	1.564648	2.290883	122.2372	498.6145	31.00365	10.03892

#1	.9159023	7.740769	.0197001	.000106	.3861869	.0179904	.0911256
#2	.9131136	7.549792	.0205592	-.000400	-.322308	.0141926	.1090215
#3	.9047500	7.771966	.0198494	-.000573	.153396	.0259671	.0930966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2312259	.3338944	.0187757	.0012457	.7362072	.1955444	.0457137
Stddev	.0676930	.0047835	.0005924	.0001402	.0019857	.0017198	.0004107
%RSD	29.27569	1.432642	3.155265	11.25606	.2697261	.8795156	.8984035

#1	.1627627	.3338826	.0194036	.0012467	.7350482	.1953094	.0461000
#2	.2327936	.3291168	.0186970	.0011050	.7385001	.1973697	.0457587
#3	.2981213	.3386838	.0182266	.0013854	.7350734	.1939542	.0452823

Sample Name: K1542-04DLX10 Acquired: 02/21/2019 14:52:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2247147	.0030970	.0397329
Stddev	.0016689	.0014314	.0001854
%RSD	.7426621	46.21794	.4665360

#1	.2253833	.0016936	.0395230
#2	.2228151	.0045548	.0398742
#3	.2259455	.0030426	.0398015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.063	1993.770	39260.88	3741.858	3007.455
Stddev	2.749	7.251	221.97	23.908	12.182
%RSD	.1529643	.3637008	.5653714	.6389424	.4050705

#1	1794.700	1998.463	39106.65	3751.850	3017.317
#2	1800.080	1997.430	39515.28	3714.575	3011.210
#3	1796.410	1985.418	39160.70	3759.150	2993.837

Sample Name: K1523-01A Acquired: 02/21/2019 14:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103992	.0006079	.0061950	.0618673	-.000966	.1065285	.2920023
Stddev	.0010188	.0004447	.0004437	.0022637	.000651	.0232652	.0000989
%RSD	9.797097	73.14507	7.161380	3.658914	67.37214	21.83943	.0338641

#1	.0099688	.0004007	.0060260	.0637595	-.000604	.1333917	.2920521
#2	.0115626	.0003047	.0066984	.0624830	-.000577	.0928808	.2920663
#3	.0096662	.0011184	.0058608	.0593595	-.001718	.0933130	.2918884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001353	-.000046	290.7981	.0007939	-.000662	-.002925	3.933210
Stddev	.0000624	.000056	1.2805	.0001933	.000282	.001605	.049229
%RSD	46.12999	121.2780	.4403546	24.34744	42.66851	54.87546	1.251619

#1	.0002061	.000011	292.2231	.0009561	-.000352	-.001398	3.972925
#2	.0001116	-.000049	289.7438	.0005800	-.000731	-.002779	3.878132
#3	.0000882	-.000101	290.4274	.0008457	-.000904	-.004599	3.948573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6596926	93.55164	.0011494	.0003561	189.7330	-.001472	.0077036
Stddev	.0065629	.48730	.0001488	.0001500	.9317	.003395	.0022038
%RSD	.9948399	.5208909	12.94350	42.11695	.4910412	230.5802	28.60732

#1	.6662103	94.09456	.0012594	.0002263	190.1141	-.004154	.0051589
#2	.6597821	93.40818	.0012086	.0005202	188.6712	.002344	.0089873
#3	.6530854	93.15216	.0009801	.0003217	190.4137	-.002607	.0089646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.961386	.0165172	.0608473	.0002954	15.04115	8.434604	-.004498
Stddev	.005224	.0017074	.0013109	.0000764	.01829	.041335	.000338
%RSD	.1764023	10.33691	2.154453	25.85889	.1216091	.4900659	7.508043

#1	2.966476	.0161585	.0606671	.0003502	15.05220	8.475077	-.004160
#2	2.956038	.0150176	.0622390	.0002081	15.05121	8.392457	-.004499
#3	2.961644	.0183753	.0596358	.0003278	15.02003	8.436278	-.004836

Sample Name: K1523-01A Acquired: 02/21/2019 14:56:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005101	.0455330	.6101947
Stddev	.003696	.0017794	.0018703
%RSD	72.44631	3.907898	.3065084

#1	-.000852	.0475858	.6123466
#2	-.006888	.0444298	.6092767
#3	-.007563	.0445834	.6089608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.576	1904.764	38746.34	3625.386	2798.766
Stddev	6.409	6.606	58.17	21.226	6.453
%RSD	.3635890	.3468208	.1501363	.5854723	.2305617

#1	1756.582	1908.444	38744.74	3605.715	2801.157
#2	1761.815	1908.711	38688.98	3647.883	2803.681
#3	1769.331	1897.138	38805.29	3622.560	2791.458

Sample Name: K1524-01A Acquired: 02/21/2019 15:01:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091828	.0575222	.0053906	.0576308	.0001914	-.121422	.2675124
Stddev	.0021855	.0048617	.0003924	.0009817	.0003546	.009865	.0004833
%RSD	23.80028	8.451817	7.279148	1.703458	185.2900	8.124727	.1806442

#1	.0116116	.0607885	.0053140	.0587499	.0004197	-.119875	.2678747
#2	.0073750	.0598429	.0050422	.0572277	-.000217	-.131970	.2676987
#3	.0085617	.0519350	.0058157	.0569148	.000372	-.112422	.2669637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001411	-.000004	267.7749	.0001204	-.000790	-.001853	7.766270
Stddev	.0000631	.000116	.1741	.0004387	.000370	.003053	.010890
%RSD	44.73445	2615.506	.0650147	364.2699	46.79604	164.7591	.1402260

#1	.0000832	.000077	267.5774	.0002793	-.001153	-.003789	7.773126
#2	.0002084	.000047	267.8411	-.000376	-.000414	-.003436	7.753713
#3	.0001316	-.000137	267.9062	.000458	-.000803	.001666	7.771972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5931826	86.33857	.0001255	.0002975	170.7636	-.001985	.0153962
Stddev	.0039700	.20705	.0007120	.0004762	.3339	.002681	.0106471
%RSD	.6692695	.2398080	567.3926	160.0479	.1955362	135.0350	69.15384

#1	.5889870	86.20145	.0006025	-.000208	170.5622	-.000746	.0070695
#2	.5968799	86.23752	.0004668	.000738	171.1490	-.000149	.0117264
#3	.5936810	86.57673	-.000693	.000362	170.5795	-.005062	.0273928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.693468	.0059224	.0597098	.0002635	14.00425	7.472554	-.003848
Stddev	.051984	.0013417	.0004769	.0001024	.05552	.062510	.000743
%RSD	1.929986	22.65455	.7986422	38.83988	.3964511	.8365320	19.30965

#1	2.667188	.0062921	.0597555	.0003330	13.95178	7.421531	-.004121
#2	2.753345	.0070404	.0592118	.0003117	13.99861	7.542281	-.003007
#3	2.659871	.0044346	.0601622	.0001460	14.06238	7.453850	-.004415

Sample Name: K1524-01A Acquired: 02/21/2019 15:01:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG6A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008881	.0419908	.5690628
Stddev	.000293	.0022676	.0007552
%RSD	3.297708	5.400161	.1327116

#1	-.009206	.0421013	.5691983
#2	-.008801	.0442011	.5697411
#3	-.008637	.0396700	.5682490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.861	1885.626	38455.05	3647.398	2784.305
Stddev	7.585	8.428	81.62	11.641	11.988
%RSD	.4362221	.4469588	.2122569	.3191504	.4305576

#1	1731.040	1892.769	38361.36	3657.334	2791.609
#2	1746.186	1887.778	38493.00	3634.590	2790.836
#3	1739.357	1876.331	38510.79	3650.269	2770.469

Sample Name: CCV036 Acquired: 02/21/2019 15:15:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961111	5.004472	25.33823	4.827342	5.220805	411.7834
Stddev	.036087	.026713	.10774	.028938	.038008	.8038
%RSD	.7274014	.5337743	.4252189	.5994530	.7280100	.1951962

#1	4.929998	4.984856	25.25897	4.794023	5.187156	410.8579
#2	4.952662	4.993665	25.29482	4.841823	5.213228	412.3062
#3	5.000673	5.034895	25.46091	4.846181	5.262030	412.1861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30036	.4797361	2.449835	411.6984	15.20347	2.440121
Stddev	.00570	.0025238	.009550	1.3888	.02865	.009072
%RSD	.0552896	.5260830	.3898216	.3373268	.1884617	.3717763

#1	10.30673	.4777277	2.442906	410.1045	15.17409	2.433609
#2	10.29859	.4825691	2.445870	412.6483	15.20498	2.436272
#3	10.29576	.4789116	2.460729	412.3422	15.23134	2.450483

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90093	408.7733	14.82192	395.2244	2.623491	1.144531
Stddev	.02152	.6175	.04466	1.3531	.011942	.007286
%RSD	.1444079	.1510544	.3013026	.3423702	.4551877	.6365951

#1	14.92449	408.7259	14.77848	393.7474	2.612634	1.136395
#2	14.89598	409.4132	14.86771	395.5214	2.621557	1.146745
#3	14.88231	408.1810	14.81957	396.4043	2.636281	1.150453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.8451	2.505303	14.21511	151.0760	F 5.591108	4.754731
Stddev	1.1618	.012406	.16830	.1176	.028504	.031555
%RSD	.2927585	.4951912	1.183927	.0778389	.5098090	.6636651

#1	395.6754	2.512166	14.40926	150.9993	5.579691	4.731623
#2	397.9989	2.512761	14.12536	151.2114	5.570083	4.790683
#3	396.8609	2.490982	14.11071	151.0173	5.623551	4.741887

Sample Name: CCV036 Acquired: 02/21/2019 15:15:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.811510	5.269991	4.778132	5.207099	4.947183	5.040698
Stddev	.026099	.018712	.032878	.021651	.002666	.004726
%RSD	.5424377	.3550720	.6880934	.4158028	.0538975	.0937527

#1	4.789938	5.257806	4.752531	5.188178	4.950260	5.043798
#2	4.804069	5.260631	4.815210	5.202408	4.945738	5.035259
#3	4.840522	5.291536	4.766655	5.230712	4.945551	5.043036

Elem	Sr4077
Units	ppm
Avg	4.905829
Stddev	.019866
%RSD	.4049437

#1	4.928448
#2	4.897825
#3	4.891214

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.620	1644.032	36352.29	3539.839	2398.254
Stddev	2.532	5.068	118.89	14.080	5.590
%RSD	.1634856	.3082730	.3270432	.3977603	.2330738

#1	1547.865	1647.479	36295.79	3554.645	2401.020
#2	1551.443	1646.403	36488.89	3526.620	2401.921
#3	1546.550	1638.213	36272.19	3538.252	2391.821

Sample Name: CCB036 Acquired: 02/21/2019 15:19:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001736	.0002702	.0061869	-.000517	-.001003	-.004301	-.003663
Stddev	.0021182	.0023640	.0018027	.000736	.000412	.014704	.001242
%RSD	1220.330	874.7847	29.13743	142.2313	41.07666	341.9078	33.91421

#1	-.000725	-.001772	.0066730	.000065	-.000539	-.020500	-.004805
#2	.002593	.002860	.0041910	-.000273	-.001144	.008205	-.003844
#3	-.001347	-.000277	.0076968	-.001344	-.001327	-.000607	-.002340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0000202	.0259950	.0005288	-.000122	.0027864	-.026718
Stddev	.000016	.0000689	.0062856	.0002997	.000131	.0046754	.015546
%RSD	60.25838	340.6061	24.18005	56.68802	107.1137	167.7924	58.18572

#1	-.000030	.0000602	.0292122	.0007286	-.000271	.0076538	-.044646
#2	-.000040	.0000597	.0187520	.0001841	-.000029	-.001670	-.018533
#3	-.000009	-.000059	.0300208	.0006735	-.000065	.002375	-.016974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002486	.0126186	-.000186	.0008618	.0184044	-.004531	.0019634
Stddev	.0006768	.0225762	.000254	.0001230	.1621984	.002579	.0123748
%RSD	272.3029	178.9118	136.3792	14.27582	881.3031	56.92133	630.2832

#1	-.000451	.0184330	-.000430	.0007937	.0167718	-.001555	.0106450
#2	.000296	-.012296	-.000206	.0007878	.1814129	-.006114	-.012206
#3	.000900	.031719	.000077	.0010038	-.142972	-.005924	.007452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488584	-.006777	.0030273	.0001287	-.005244	-.004828	.0004336
Stddev	.0596800	.002096	.0011356	.0000941	.002004	.001242	.0013660
%RSD	122.1487	30.92095	37.51086	73.10735	38.20799	25.72133	315.0187

#1	.0396722	-.008854	.0039003	.0000374	-.004188	-.003712	-.000702
#2	-.005696	-.004663	.0034382	.0001234	-.003989	-.006166	.000053
#3	.112599	-.006815	.0017435	.0002253	-.007554	-.004606	.001949

Sample Name: CCB036 Acquired: 02/21/2019 15:19:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v794) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001424	-.001905	-.000045
Stddev	.002479	.001631	.000122
%RSD	174.1158	85.59044	271.9034

#1	.000463	-.002266	-.000066
#2	-.004232	-.003326	.000086
#3	-.000503	-.000124	-.000156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.088	1956.049	38494.56	3642.050	2994.292
Stddev	6.239	6.387	33.37	16.078	11.499
%RSD	.3530777	.3265472	.0866936	.4414428	.3840209

#1	1768.510	1956.921	38493.25	3660.150	2996.435
#2	1760.261	1961.956	38528.56	3636.575	3004.569
#3	1772.494	1949.270	38461.85	3629.425	2981.873