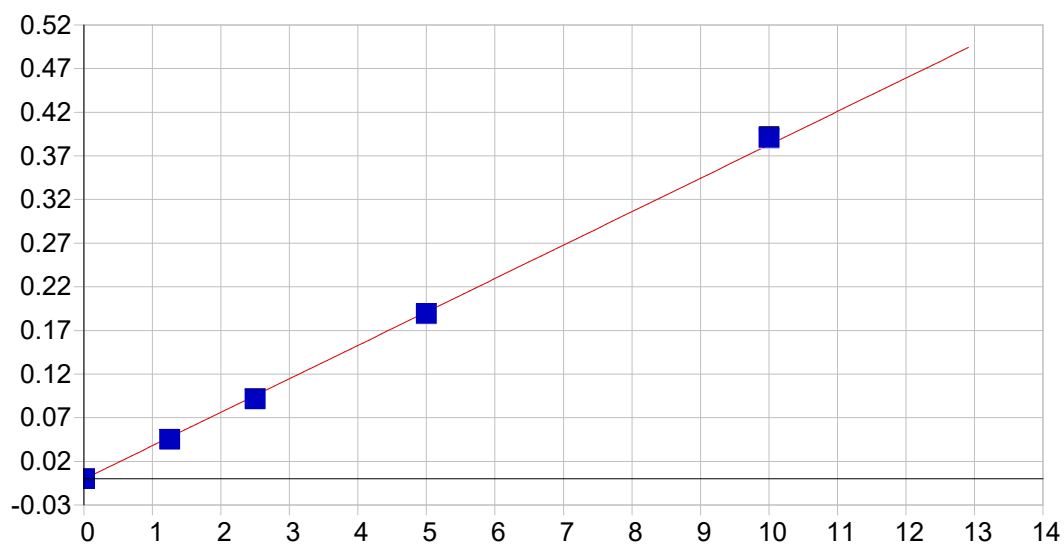


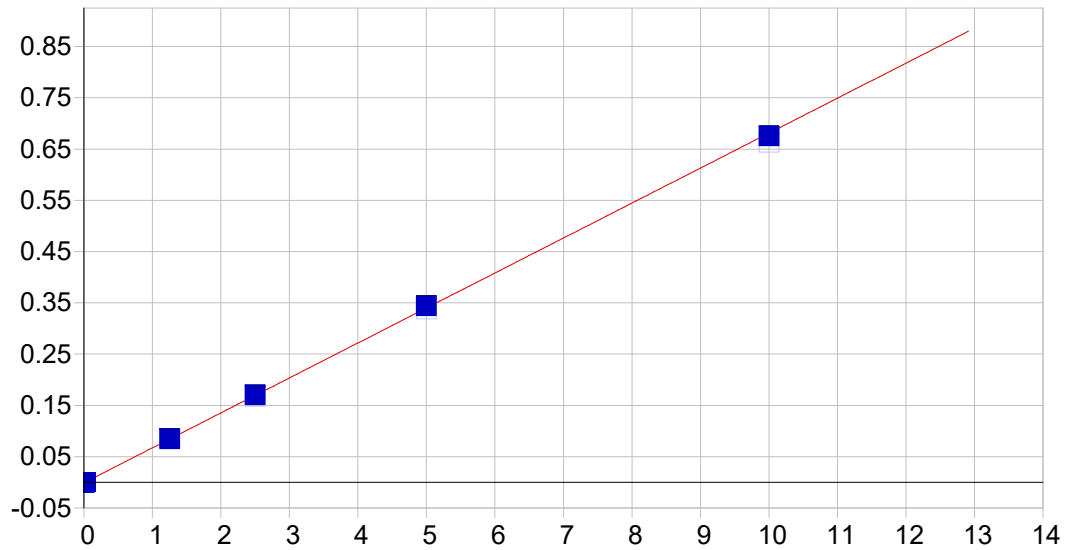


As 189.042 {479}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.038297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003136
 Predicted MQL: 0.010454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00671	-.003	-32.9	-.00007	.000	1
S2	1.2500	1.1895	-.061	-4.84	.04506	.000	1
S3	2.5000	2.3987	-.101	-4.05	.09120	.000	1
S4	5.0000	4.9487	-.051	-1.03	.18851	.000	1
S5	10.000	10.216	.216	2.16	.38956	.001	1

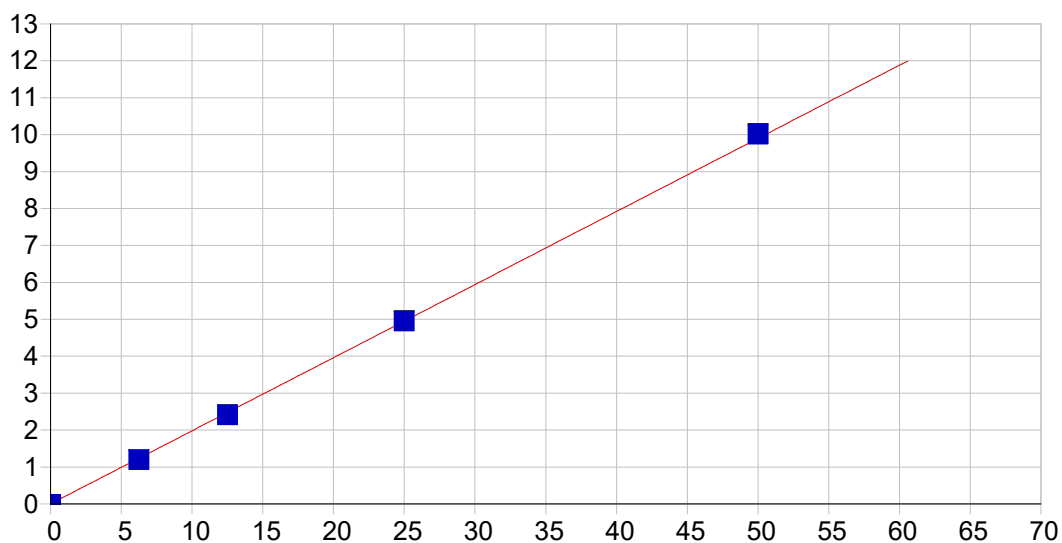


TI 190.856 {477}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001081 Re-Slope: 1.000000
 A1 (Gain): 0.068211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001915
 Predicted MQL: 0.006382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00108	.000	1
S1	.02500	.02610	.001	4.40	.00063	.000	1
S2	1.2500	1.2628	.013	1.02	.08348	.000	1
S3	2.5000	2.5110	.011	.440	.16705	.000	1
S4	5.0000	5.0611	.061	1.22	.33786	.000	1
S5	10.000	9.9141	-.086	-.859	.66259	.001	1

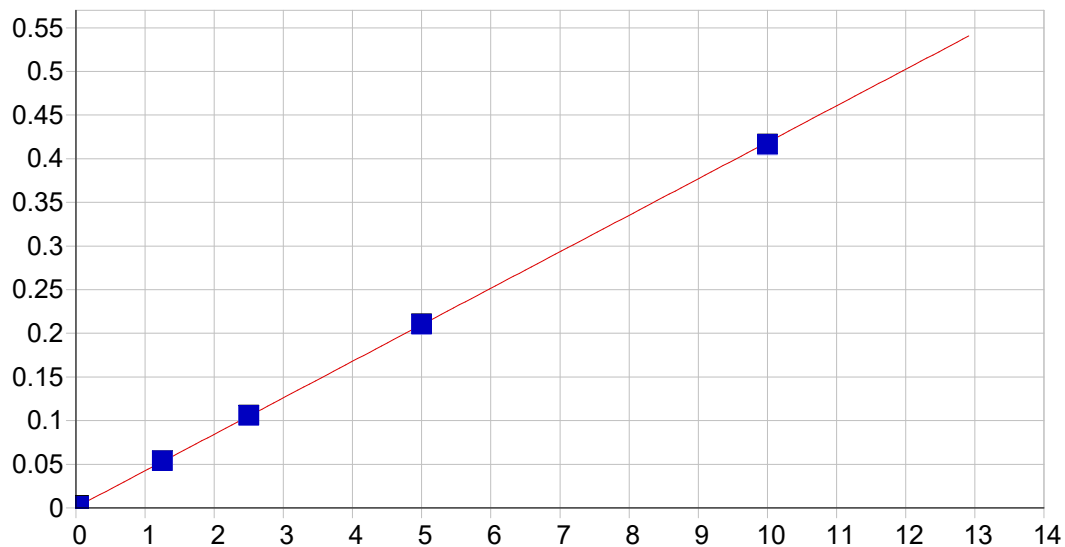


Pb 220.353 {453}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000537 Re-Slope: 1.000000
 A1 (Gain): 0.198001 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.001596
 Predicted MQL: 0.005318

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.01000	.00980	-.000	-1.96	.00248	.000	1
S2	6.2500	6.0436	-.206	-3.30	1.1971	.002	1
S3	12.500	12.144	-.356	-2.84	2.4049	.002	1
S4	25.000	25.010	.010	.038	4.9520	.006	1
S5	50.000	50.553	.553	1.11	10.009	.014	1

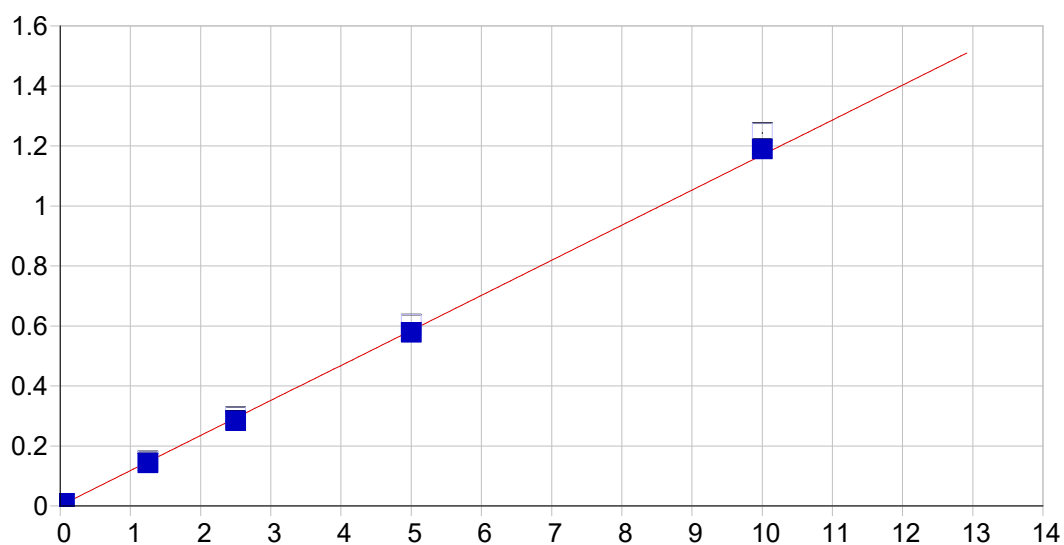


Se 196.090 {472}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000720	Re-Slope:	1.000000
A1 (Gain):	0.041808	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.003468		
Predicted MQL:	0.011561		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.03500	.03645	.001	4.14	.00224	.000	1
S2	1.2500	1.2741	.024	1.93	.05385	.000	1
S3	2.5000	2.5185	.019	.741	.10574	.000	1
S4	5.0000	5.0156	.016	.312	.20986	.000	1
S5	10.000	9.9403	-.060	-.597	.41520	.000	1

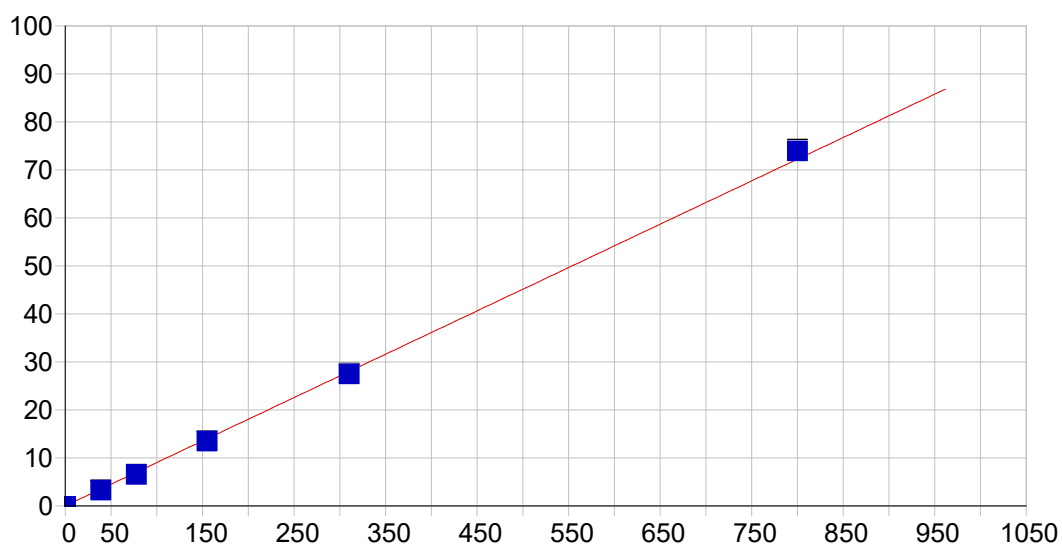


Sb 206.833 {463}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000799 Re-Slope: 1.000000
 A1 (Gain): 0.116846 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001808
 Predicted MQL: 0.006028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00080	.000	1
S1	.06000	.06870	.009	14.5	.00883	.000	1
S2	1.2500	1.2140	-.036	-2.88	.14937	.000	1
S3	2.5000	2.4180	-.082	-3.28	.29678	.001	1
S4	5.0000	4.9378	-.062	-1.24	.60466	.001	1
S5	10.000	10.172	.172	1.72	1.2431	.002	1

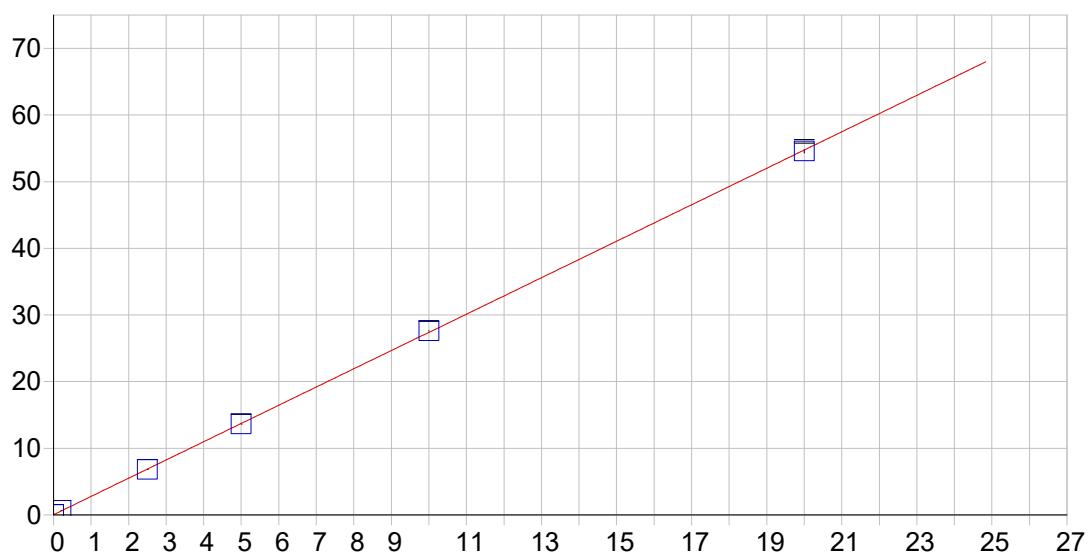


AI 396.152 { 85}

Date of Fit: 03/28/2019 11:43:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004943 Re-Slope: 1.000000
 A1 (Gain): 0.090284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999556 Status: OK.
 Std Error of Est: 0.001675
 Predicted MDL: 0.009721
 Predicted MQL: 0.032405

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00494	.000	1
S1	.20000	.21175	.012	5.87	.02437	.000	1
S2	38.750	36.238	-2.51	-6.48	3.2837	.008	1
S3	77.500	72.449	-5.05	-6.52	6.5599	.010	1
S4	155.00	149.39	-5.61	-3.62	13.520	.058	1
S5	310.00	304.49	-5.51	-1.78	27.551	.084	1
S6	800.00	818.70	18.7	2.34	73.966	.343	1

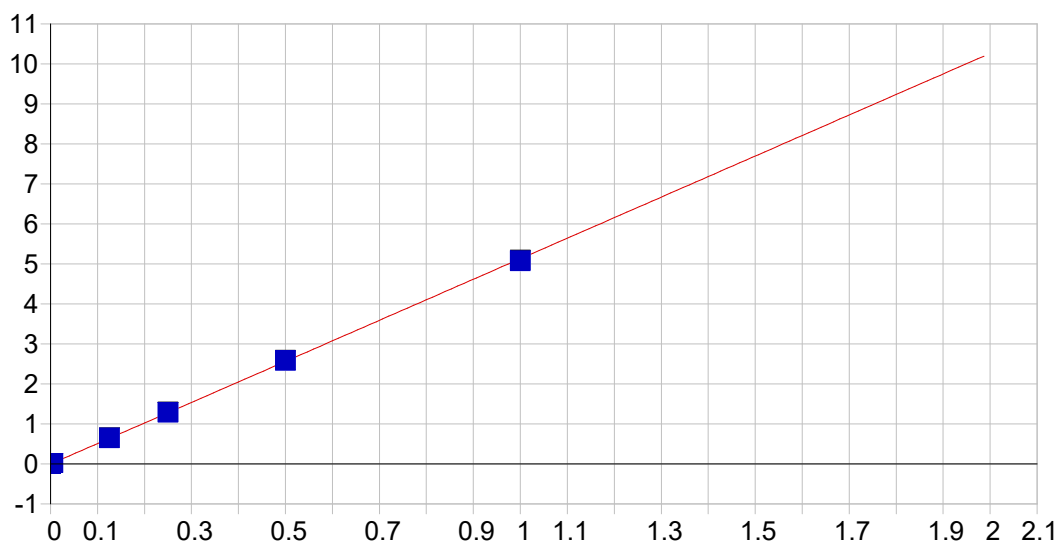


Ba 493.409 { 68}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.038011	Re-Slope:	1.000000
A1 (Gain):	2.735475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.003101		
Predicted MDL:	0.000920		
Predicted MQL:	0.003068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.03795	.001	1
S1	.20000	.22489	.025	12.4	.65319	.001	1
S2	2.5000	2.4793	-.021	-.829	6.8200	.004	1
S3	5.0000	4.9731	-.027	-.538	13.642	.016	1
S4	10.000	10.083	.083	.831	27.620	.060	1
S5	20.000	19.940	-.060	-.302	54.582	.270	1

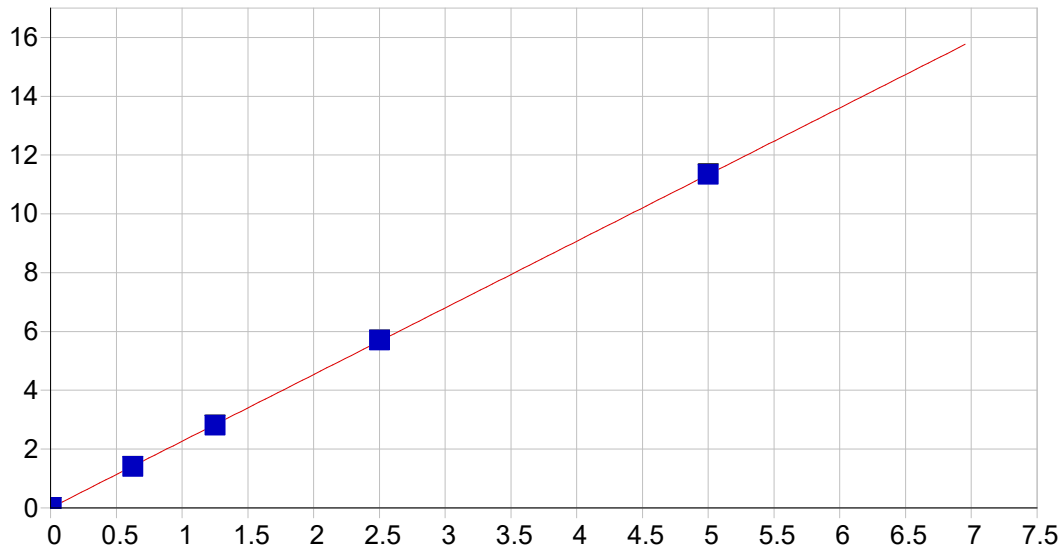


Be 234.861 {144}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003862	Re-Slope:	1.000000
A1 (Gain):	5.133286	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000238		
Predicted MDL:	0.000071		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00387	.001	1
S1	.00500	.00563	.001	12.6	.02501	.001	1
S2	.12500	.12762	.003	2.10	.64912	.001	1
S3	.25000	.25231	.002	.923	1.2870	.002	1
S4	.50000	.50425	.004	.850	2.5761	.005	1
S5	1.0000	.99019	-.010	-.981	5.0620	.016	1

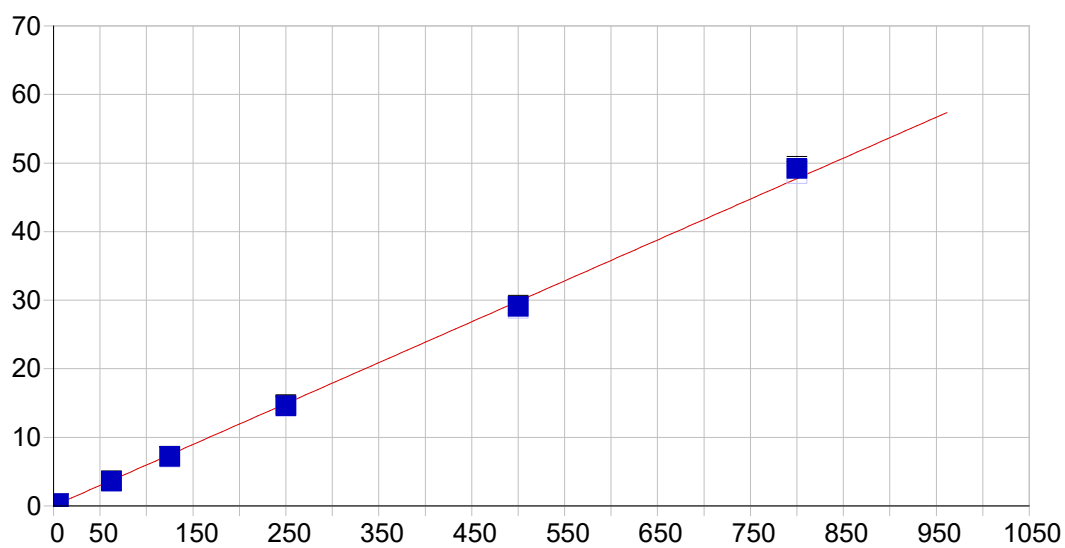


Cd 214.438 {457}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000323 Re-Slope: 1.000000
 A1 (Gain): 2.267414 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000087
 Predicted MQL: 0.000292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.00500	.00533	.000	6.51	.01240	.000	1
S2	.62500	.62051	-.004	-.718	1.4095	.002	1
S3	1.2500	1.2393	-.011	-.854	2.8147	.004	1
S4	2.5000	2.5142	.014	.570	5.7099	.001	1
S5	5.0000	5.0006	.001	.012	11.356	.012	1

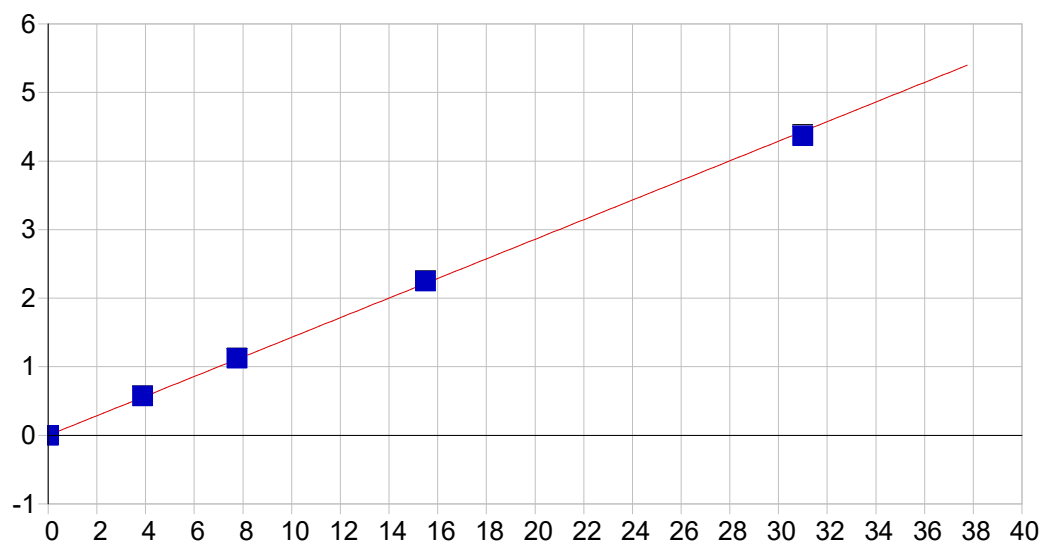


Ca 373.690 { 90}

Date of Fit: 03/28/2019 11:43:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001161 Re-Slope: 1.000000
 A1 (Gain): 0.059664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999572 Status: OK.
 Std Error of Est: 0.006024
 Predicted MDL: 0.012326
 Predicted MQL: 0.041085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00115	.001	1
S1	5.0000	5.5355	.536	10.7	.33134	.001	1
S2	62.500	60.429	-2.07	-3.31	3.5733	.032	1
S3	125.00	120.25	-4.75	-3.80	7.1091	.042	1
S4	250.00	245.04	-4.96	-1.99	14.488	.117	1
S5	500.00	487.25	-12.7	-2.55	28.806	.198	1
S6	800.00	824.14	24.1	3.02	48.461	.362	1

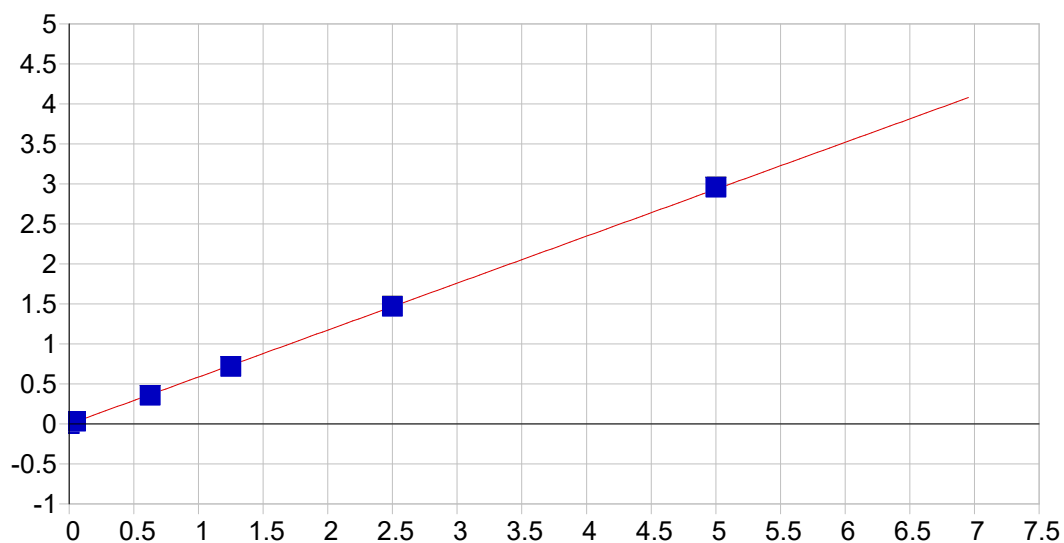


Cr 267.716 {126}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.142965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.000551
 Predicted MQL: 0.001835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01301	.003	30.1	.00186	.000	1
S2	3.8750	4.0038	.129	3.32	.57309	.001	1
S3	7.7500	7.8546	.105	1.35	1.1243	.000	1
S4	15.500	15.712	.212	1.37	2.2491	.006	1
S5	31.000	30.551	-.449	-1.45	4.3733	.012	1

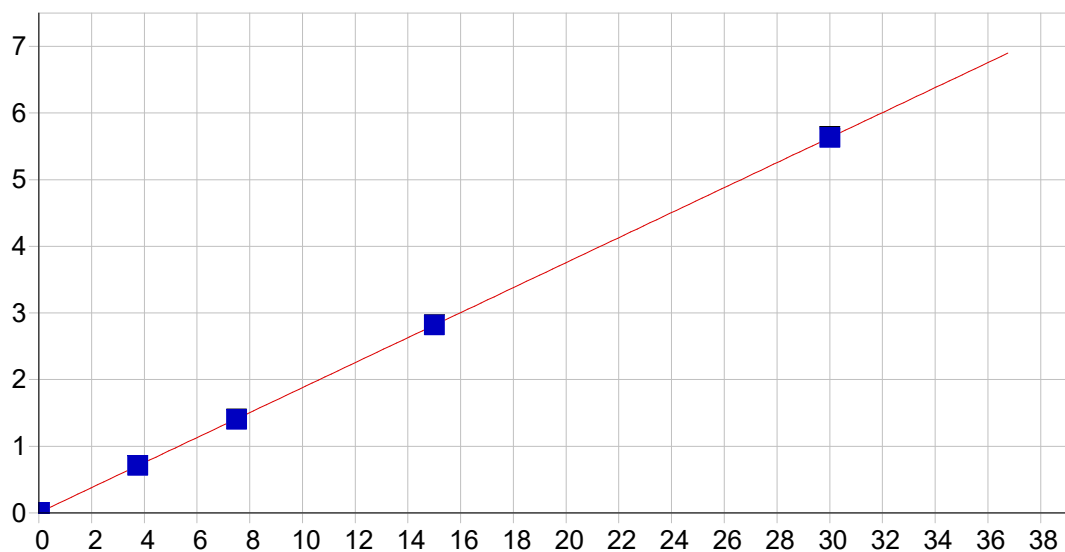


Co 228.616 {448}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000524 Re-Slope: 1.000000
 A1 (Gain): 0.586693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000317
 Predicted MQL: 0.001056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00052	.000	1
S1	.05000	.05361	.004	7.23	.03103	.000	1
S2	.62500	.60707	-.018	-2.87	.35622	.001	1
S3	1.2500	1.2207	-.029	-2.34	.71683	.001	1
S4	2.5000	2.5013	.001	.053	1.4693	.001	1
S5	5.0000	5.0423	.042	.845	2.9624	.001	1

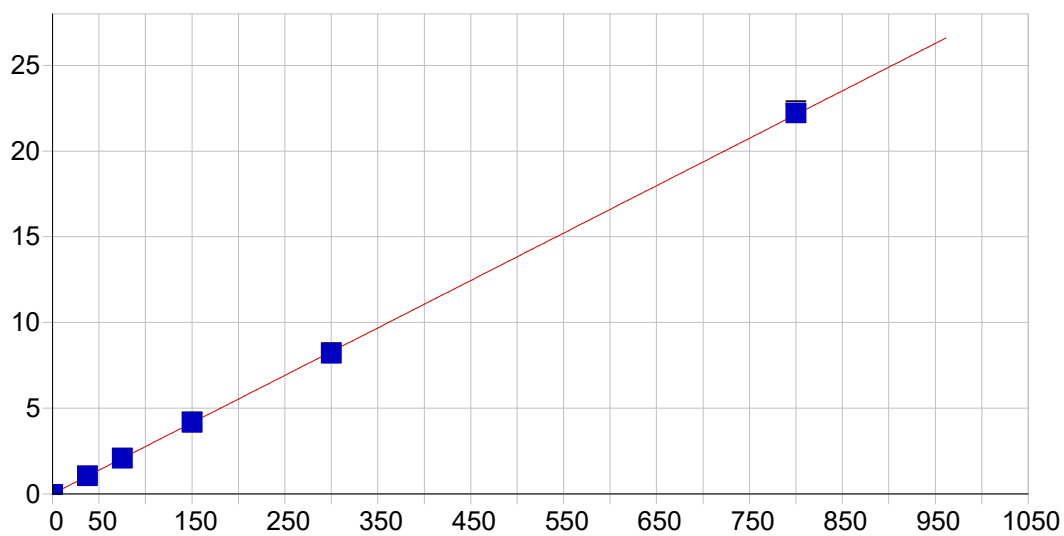


Cu 324.754 {104}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004442 Re-Slope: 1.000000
 A1 (Gain): 0.187548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.002653
 Predicted MQL: 0.008845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00444	.000	1
S1	.02500	.02713	.002	8.52	.00952	.000	1
S2	3.7500	3.7738	.024	.634	.71168	.001	1
S3	7.5000	7.4580	-.042	-.561	1.4021	.003	1
S4	15.000	15.010	.010	.066	2.8174	.008	1
S5	30.000	30.006	.006	.021	5.6279	.017	1

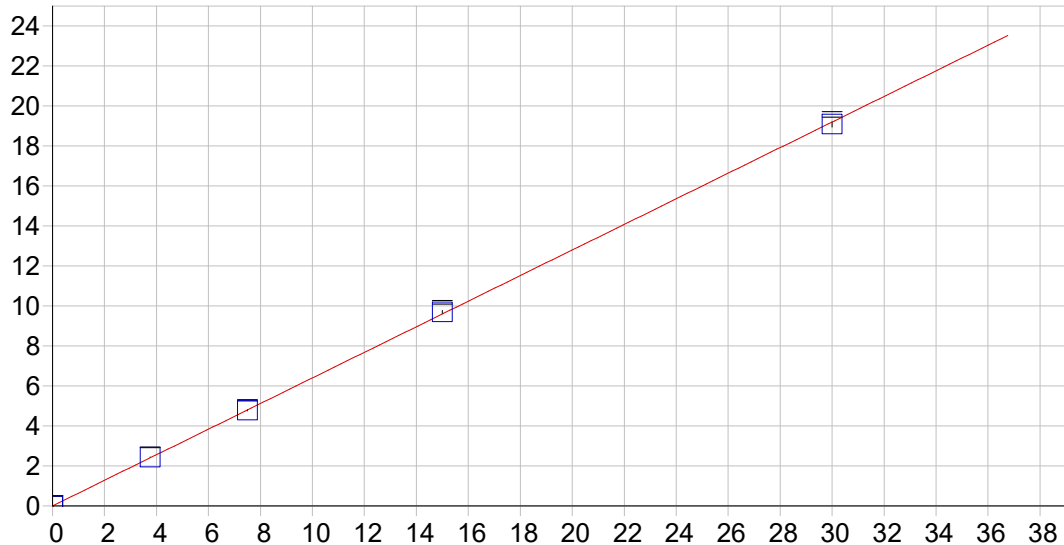


Fe 259.837 {130}

Date of Fit: 03/28/2019 11:43:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000944 Re-Slope: 1.000000
 A1 (Gain): 0.027661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.008751
 Predicted MQL: 0.029171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00094	.000	1
S1	.10000	.10265	.003	2.65	.00390	.000	1
S2	37.500	38.080	.580	1.55	1.0564	.005	1
S3	75.000	74.847	-.153	-.204	2.0756	.007	1
S4	150.00	150.40	.404	.270	4.1699	.029	1
S5	300.00	295.92	-4.08	-1.36	8.2038	.031	1
S6	800.00	803.25	3.25	.406	22.248	.100	1

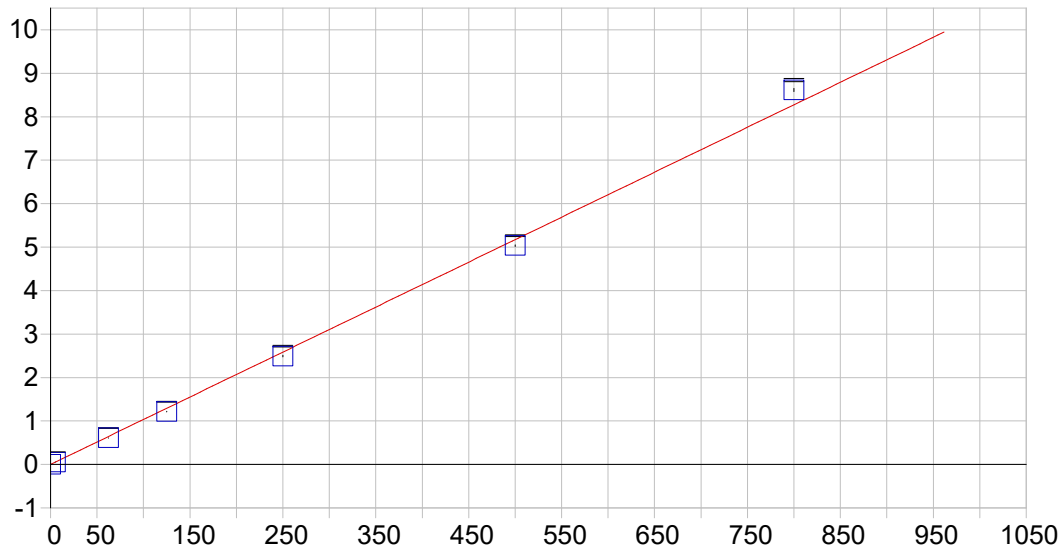


Mn 257.610 {131}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000746 Re-Slope: 1.000000
 A1 (Gain): 0.639985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.000400
 Predicted MQL: 0.001333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00074	.000	1
S1	.01500	.01785	.003	19.0	.01217	.000	1
S2	3.7500	3.7989	.049	1.30	2.4320	.017	1
S3	7.5000	7.4768	-.023	-.309	4.7858	.029	1
S4	15.000	15.143	.143	.951	9.6918	.083	1
S5	30.000	29.829	-.171	-.571	19.091	.133	1

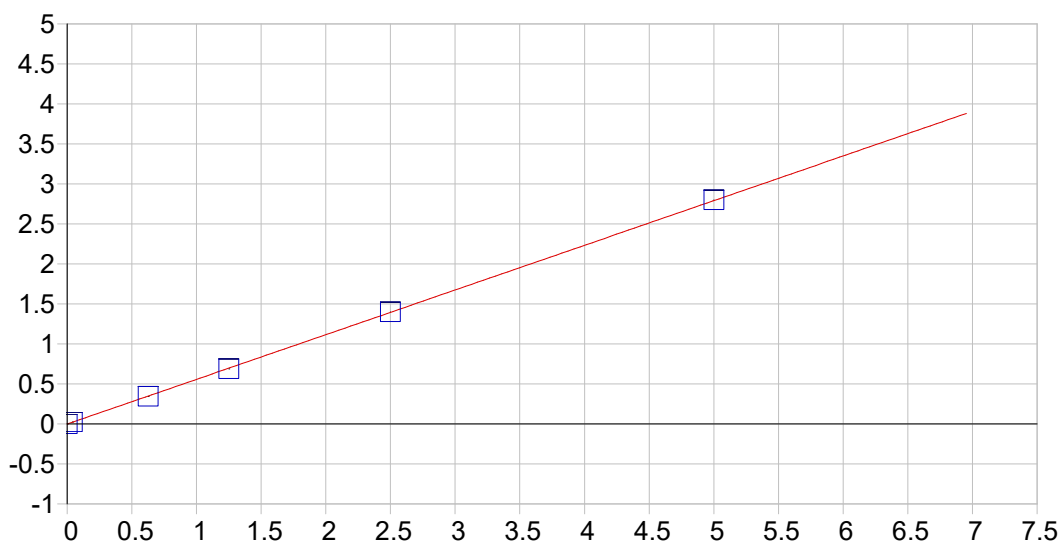


Mg 279.079 {121}

Date of Fit: 03/28/2019 11:43:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.010344 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999217 Status: OK.
 Std Error of Est: 0.001430
 Predicted MDL: 0.026378
 Predicted MQL: 0.087926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	.00006	.000	1
S1	5.0000	5.4448	.445	8.90	.05637	.000	1
S2	62.500	58.853	-3.65	-5.84	.60880	.002	1
S3	125.00	117.62	-7.38	-5.90	1.2167	.006	1
S4	250.00	240.91	-9.09	-3.63	2.4919	.017	1
S5	500.00	486.69	-13.3	-2.66	5.0341	.018	1
S6	800.00	832.98	33.0	4.12	8.6160	.039	1

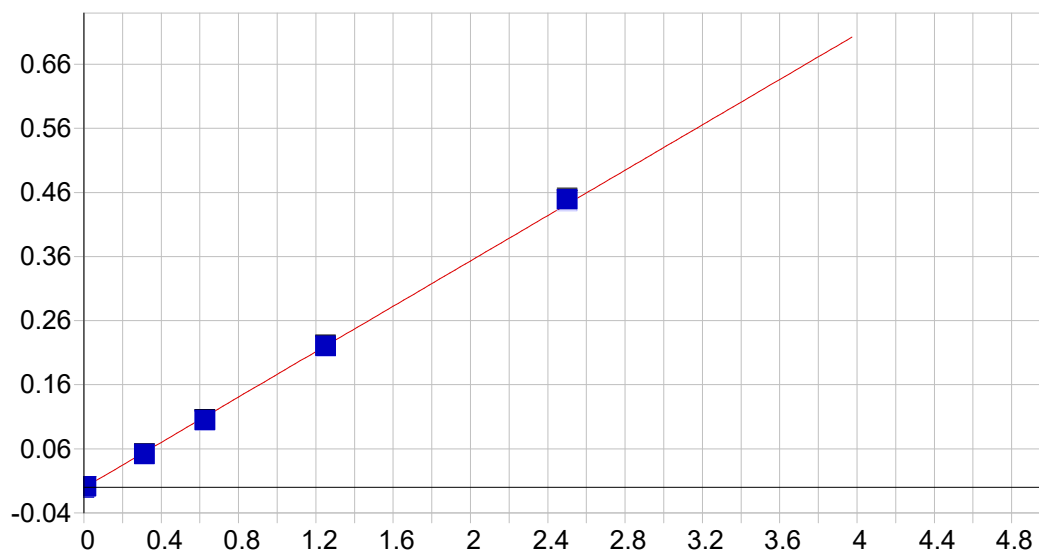


Ni 231.604 {446}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001380 Re-Slope: 1.000000
 A1 (Gain): 0.558413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000433
 Predicted MQL: 0.001444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00138	.000	1
S1	.04000	.04596	.006	14.9	.02428	.000	1
S2	.62500	.61596	-.009	-1.45	.34258	.000	1
S3	1.2500	1.2320	-.018	-1.44	.68656	.000	1
S4	2.5000	2.5066	.007	.262	1.3983	.000	1
S5	5.0000	5.0146	.015	.291	2.7988	.001	1

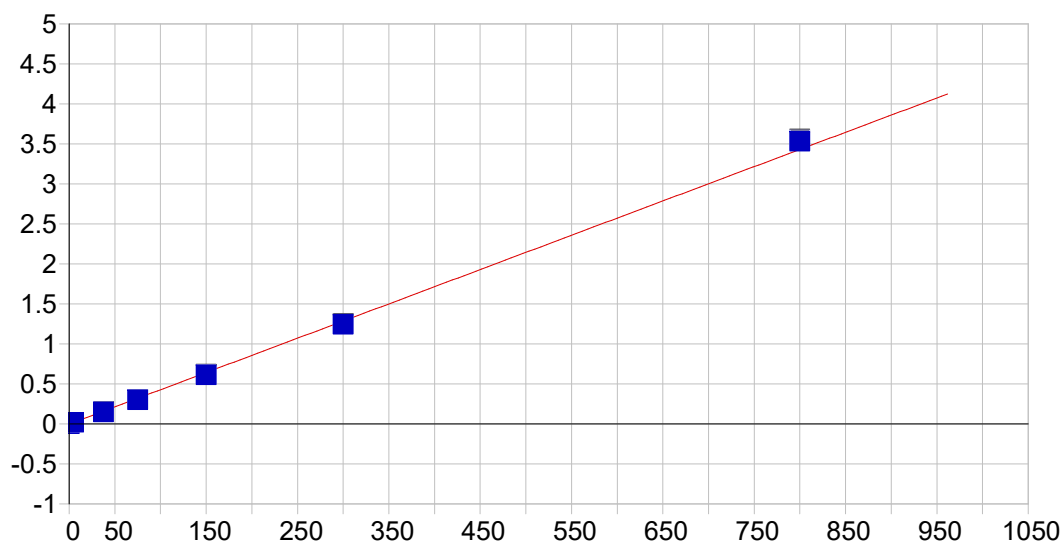


Ag 328.068 {103}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000712	Re-Slope:	1.000000
A1 (Gain):	0.176962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999677	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.000650		
Predicted MQL:	0.002167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.01000	.01087	.001	8.71	.00120	.000	1
S2	.31250	.29646	-.016	-5.13	.05139	.001	1
S3	.62500	.59630	-.029	-4.59	.10409	.001	1
S4	1.2500	1.2497	-.000	-.022	.21900	.002	1
S5	2.5000	2.5442	.044	1.77	.44662	.002	1

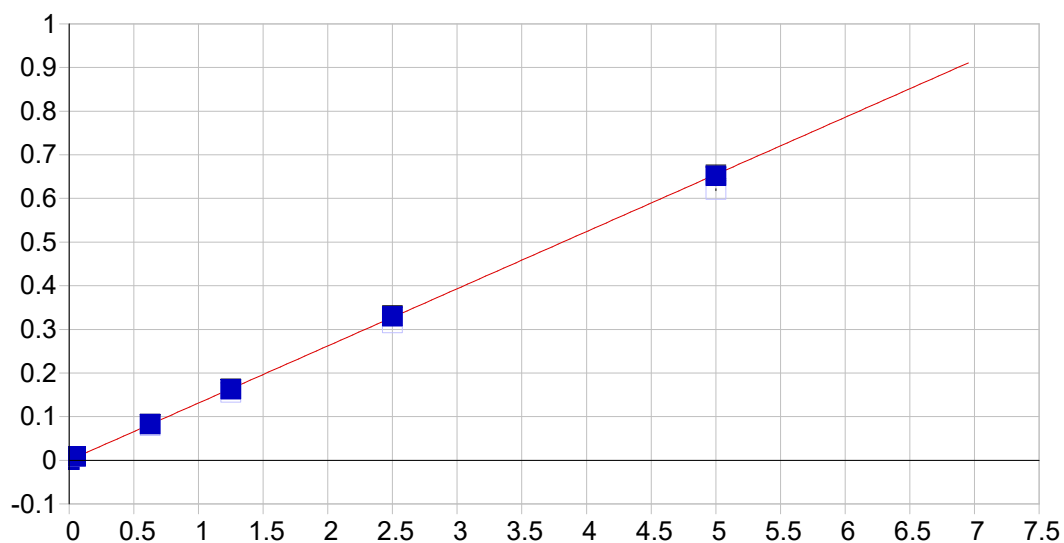


Na 818.326 { 41}

Date of Fit: 03/28/2019 11:43:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001362 Re-Slope: 1.000000
 A1 (Gain): 0.004290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999355 Status: OK.
 Std Error of Est: 0.000479
 Predicted MDL: 0.316405
 Predicted MQL: 1.054684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	-.00136	.001	1
S1	5.0000	5.3328	.333	6.66	.02152	.002	1
S2	37.500	35.168	-2.33	-6.22	.15023	.001	1
S3	75.000	70.425	-4.58	-6.10	.30220	.000	1
S4	150.00	143.22	-6.78	-4.52	.61593	.005	1
S5	300.00	289.88	-10.1	-3.37	1.2480	.004	1
S6	800.00	823.47	23.5	2.93	3.5467	.014	1

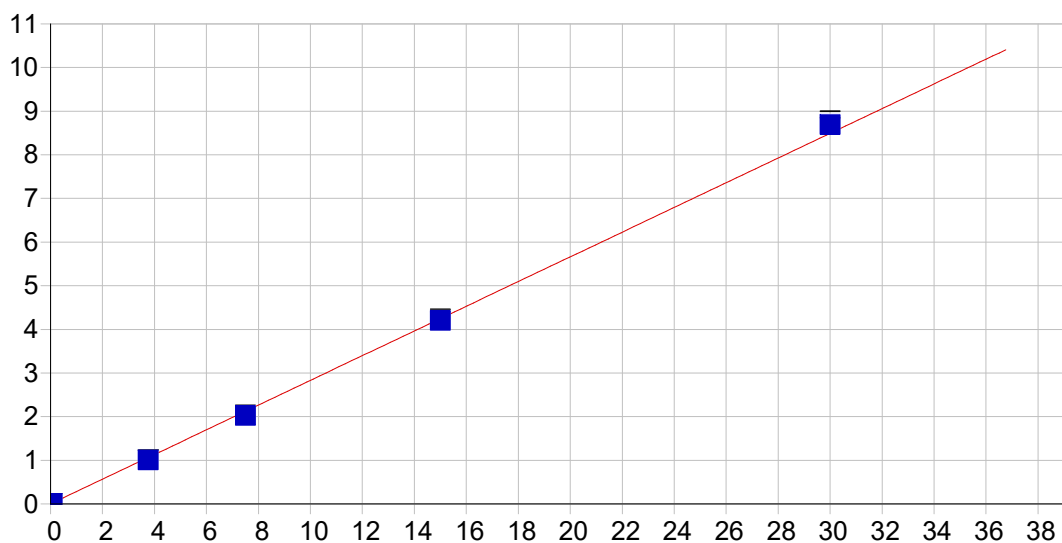


V 292.402 {115}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000129	Re-Slope:	1.000000
A1 (Gain):	0.130952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999823	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.002815		
Predicted MQL:	0.009383		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00013	.000	1
S1	.05000	.06161	.012	23.2	.00818	.000	1
S2	.62500	.62923	.004	.677	.07860	.000	1
S3	1.2500	1.2422	-.008	-.625	.15495	.000	1
S4	2.5000	2.5175	.017	.700	.31411	.001	1
S5	5.0000	4.9739	-.026	-.522	.62008	.002	1

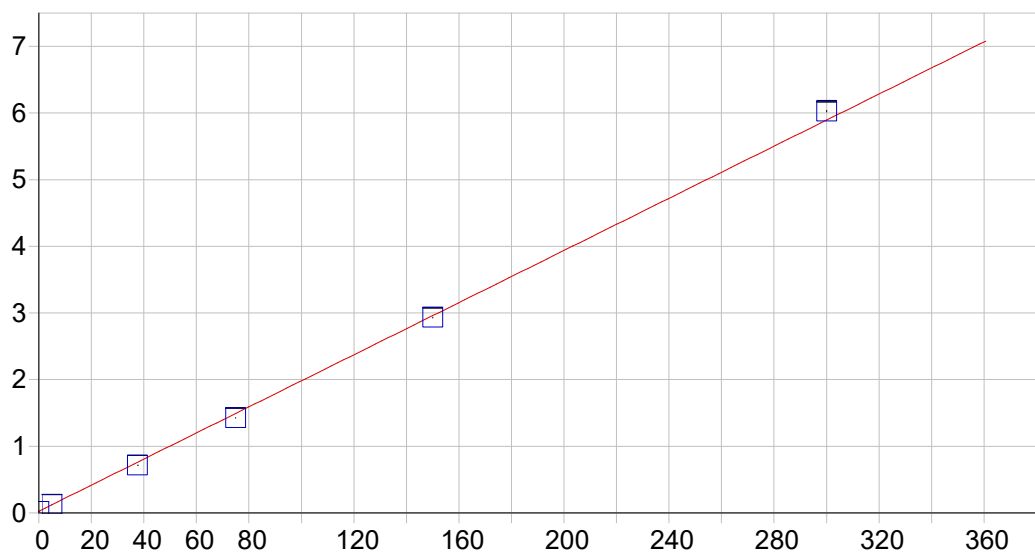


Zn 213.856 {158}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000466 Re-Slope: 1.000000
 A1 (Gain): 0.283068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000564
 Predicted MDL: 0.001577
 Predicted MQL: 0.005257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.06000	.06503	.005	8.39	.01892	.000	1
S2	3.7500	3.5522	-.198	-5.27	1.0077	.004	1
S3	7.5000	7.1567	-.343	-4.58	2.0298	.006	1
S4	15.000	14.844	-.156	-1.04	4.2092	.029	1
S5	30.000	30.692	.692	2.31	8.7023	.073	1

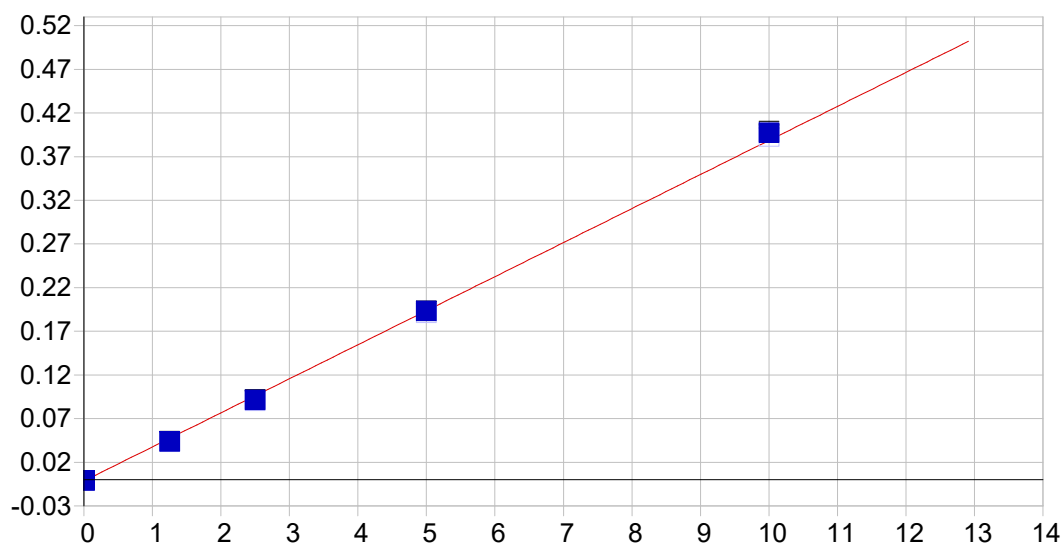


K 769.896 { 44 }

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025506 Re-Slope: 1.000000
 A1 (Gain): 0.019562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597 Status: OK.
 Std Error of Est: 0.001145
 Predicted MDL: 0.071477
 Predicted MQL: 0.238256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	.02551	.001	1
S1	5.0000	5.2261	.226	4.52	.12774	.001	1
S2	37.500	35.280	-2.22	-5.92	.71566	.001	1
S3	75.000	71.659	-3.34	-4.45	1.4273	.005	1
S4	150.00	148.56	-1.44	-.962	2.9316	.006	1
S5	300.00	306.78	6.78	2.26	6.0268	.013	1

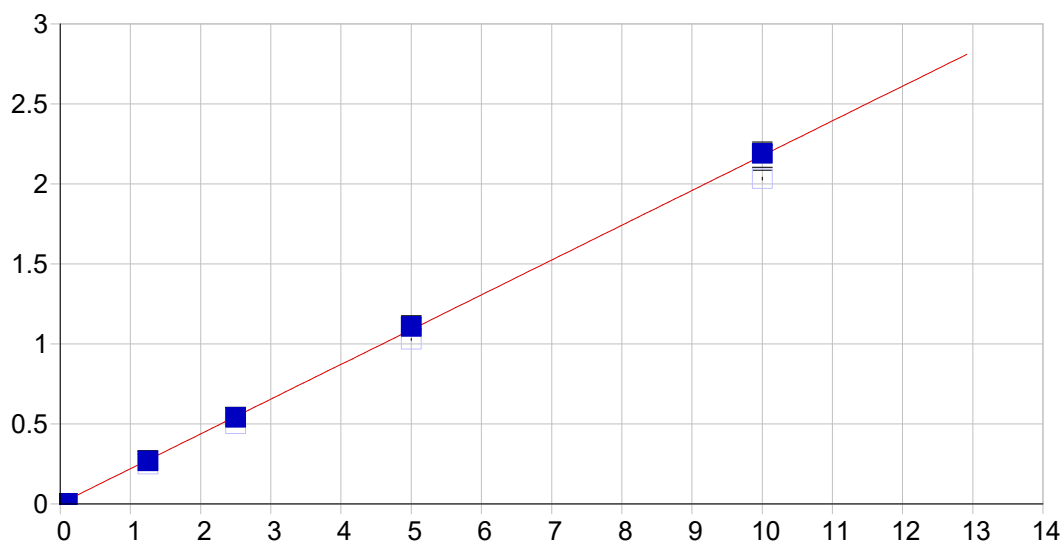


P 177.495 {490}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001394 Re-Slope: 1.000000
 A1 (Gain): 0.038992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999496 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002575
 Predicted MQL: 0.008582

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00139	.000	1
S1	.01000	.00820	-.002	-18.0	-.00108	.000	1
S2	1.2500	1.1576	-.092	-7.39	.04320	.000	1
S3	2.5000	2.3767	-.123	-4.93	.09018	.000	1
S4	5.0000	4.9891	-.011	-.218	.19095	.000	1
S5	10.000	10.228	.228	2.28	.39306	.002	1

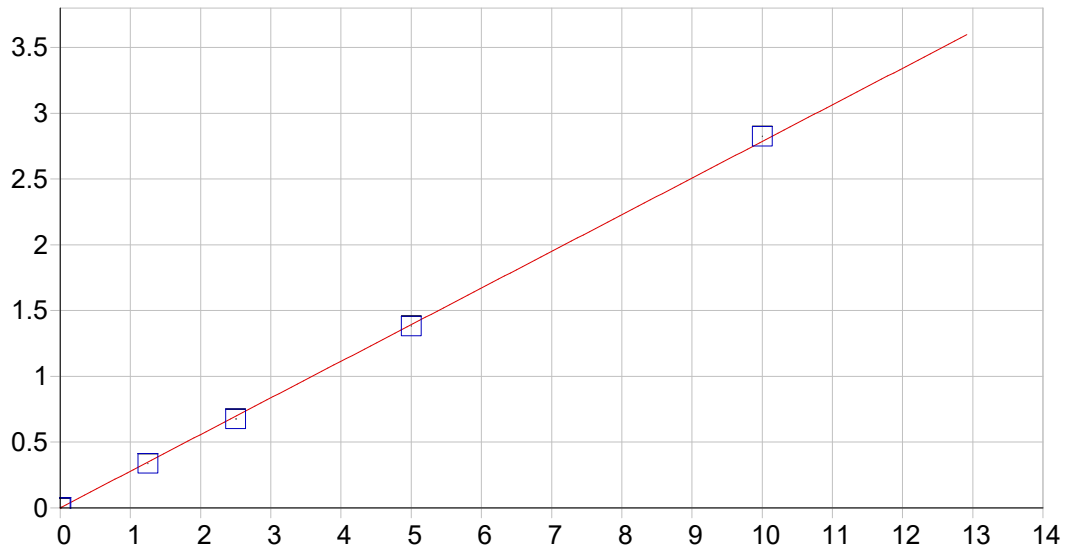


B 249.678 {135}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002401	Re-Slope:	1.000000
A1 (Gain):	0.217389	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997574	Status:	OK.
Std Error of Est:	0.000748		
Predicted MDL:	0.001860		
Predicted MQL:	0.006200		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00242	.000	1
S1	.10000	.01271	-.087	-87.3	.00512	.000	1
S2	1.2500	1.2247	-.025	-2.03	.24891	.001	1
S3	2.5000	2.4688	-.031	-1.25	.49964	.002	1
S4	5.0000	5.0838	.084	1.68	1.0287	.006	1
S5	10.000	10.067	.067	.666	2.0330	.010	1

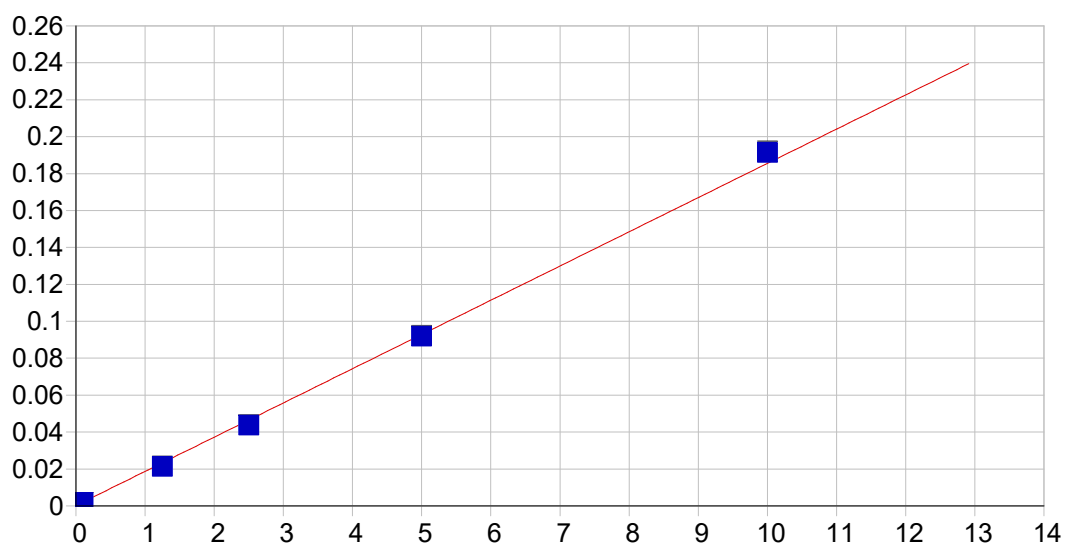


Mo 202.030 {467}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 0.278501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.000592
 Predicted MQL: 0.001974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00061	.000	1
S1	.01000	.01790	.008	79.0	.00559	.000	1
S2	1.2500	1.2080	-.042	-3.36	.33702	.001	1
S3	2.5000	2.4277	-.072	-2.89	.67673	.000	1
S4	5.0000	4.9638	-.036	-.725	1.3830	.002	1
S5	10.000	10.143	.143	1.43	2.8254	.001	1

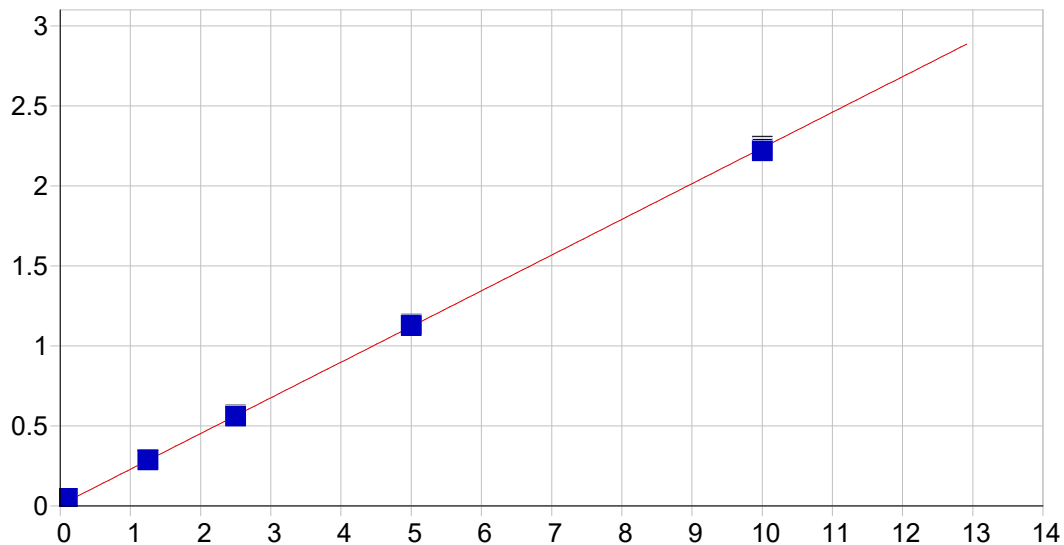


S 182.034 {485}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000173	Re-Slope:	1.000000
A1 (Gain):	0.018537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999256	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.005146		
Predicted MQL:	0.017153		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00017	.000	1
S1	.10000	.09754	-.002	-2.46	.00198	.000	1
S2	1.2500	1.1434	-.107	-8.53	.02142	.000	1
S3	2.5000	2.3510	-.149	-5.96	.04385	.000	1
S4	5.0000	4.9478	-.052	-1.04	.09209	.000	1
S5	10.000	10.310	.310	3.10	.19168	.001	1

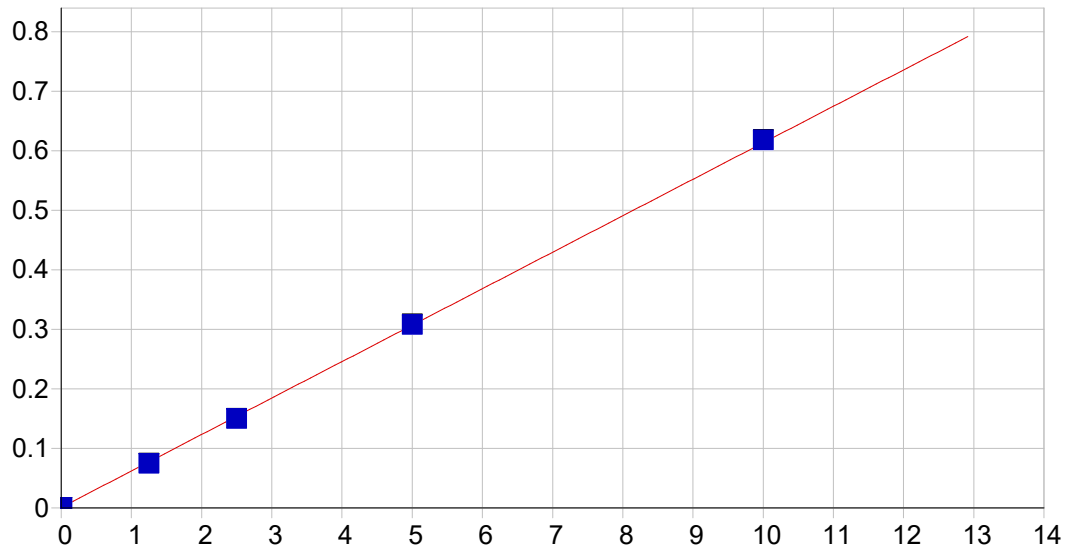


Si 251.611 {134}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006152 Re-Slope: 1.000000
 A1 (Gain): 0.223060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998187 Status: OK.
 Std Error of Est: 0.000721
 Predicted MDL: 0.001865
 Predicted MQL: 0.006217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00613	.000	1
S1	.10000	.18294	.083	82.9	.04704	.001	1
S2	1.2500	1.2505	.000	.039	.28755	.002	1
S3	2.5000	2.4835	-.017	-.660	.56505	.002	1
S4	5.0000	5.0184	.018	.369	1.1354	.001	1
S5	10.000	9.9151	-.085	-.849	2.2375	.010	1

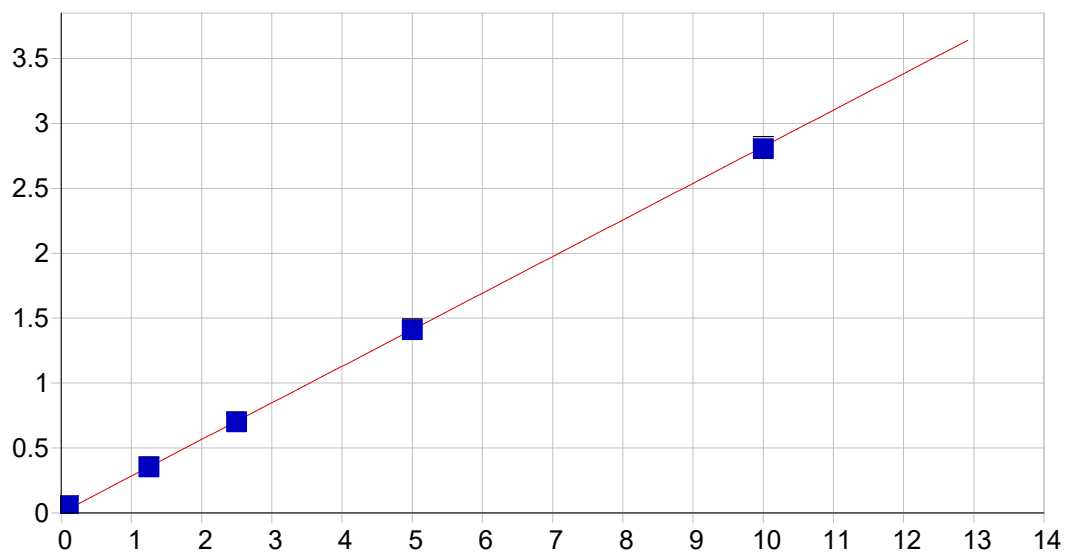


Sn 189.989 {478}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000763	Re-Slope:	1.000000
A1 (Gain):	0.061275	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.001751		
Predicted MQL:	0.005837		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00076	.000	1
S1	.00700	.00864	.002	23.4	.00128	.000	1
S2	1.2500	1.2065	-.043	-3.48	.07453	.000	1
S3	2.5000	2.4384	-.062	-2.46	.14986	.000	1
S4	5.0000	5.0201	.020	.403	.30774	.001	1
S5	10.000	10.083	.083	.834	.61735	.000	1

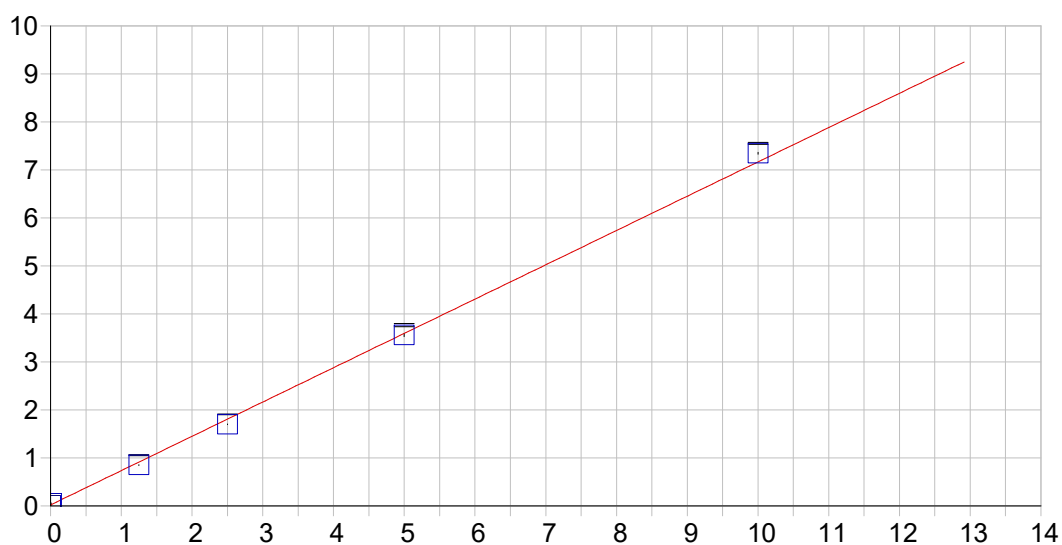


Ti 336.121 {100}

Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001863	Re-Slope:	1.000000
A1 (Gain):	0.281798	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997884	Status:	OK.
Std Error of Est:	0.000975		
Predicted MDL:	0.001974		
Predicted MQL:	0.006579		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00184	.000	1
S1	.10000	.18907	.089	89.1	.05513	.001	1
S2	1.2500	1.2440	-.006	-.481	.35230	.002	1
S3	2.5000	2.4735	-.026	-1.06	.69866	.002	1
S4	5.0000	4.9937	-.006	-.125	1.4086	.007	1
S5	10.000	9.9497	-.050	-.503	2.8047	.017	1

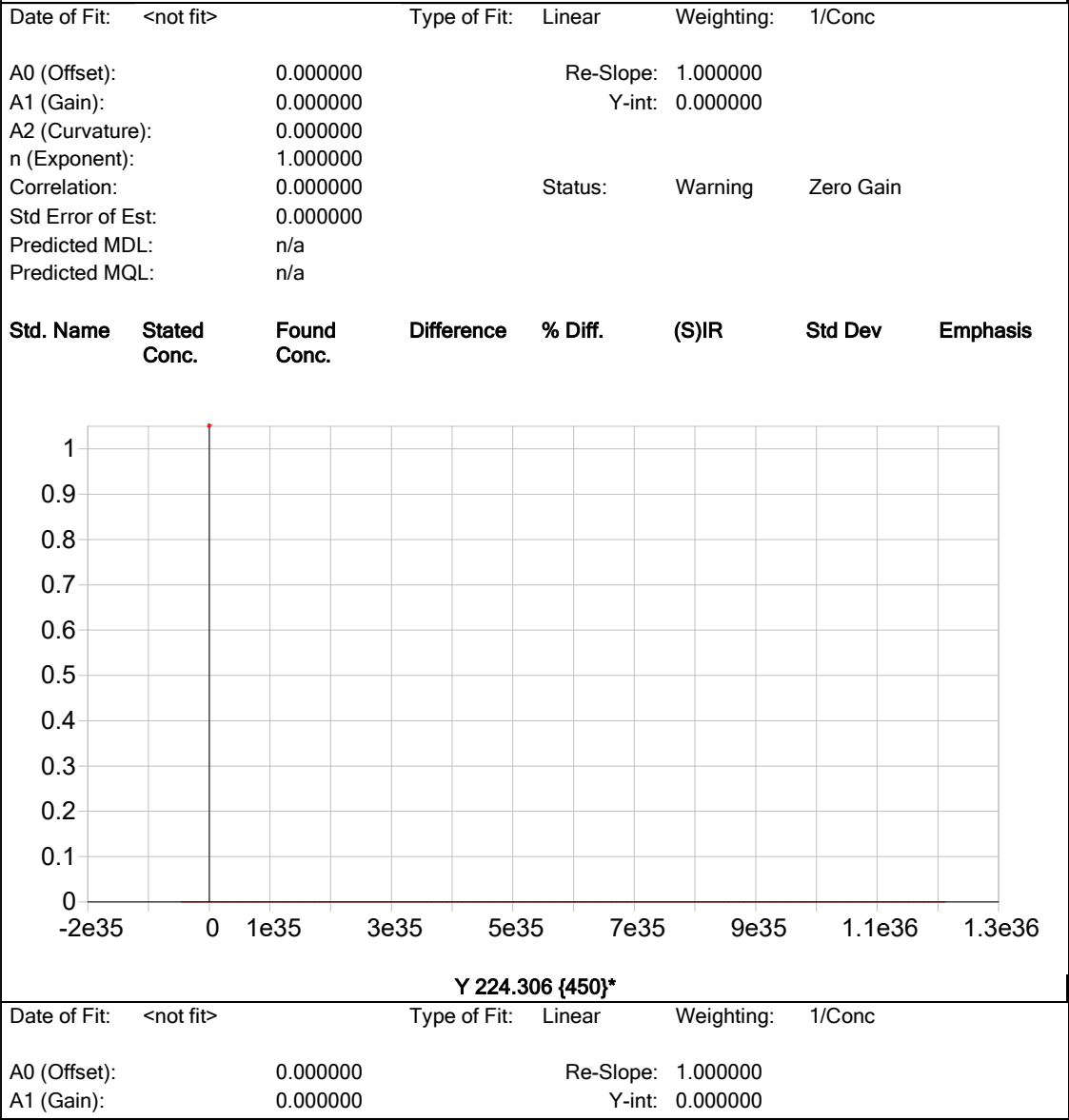
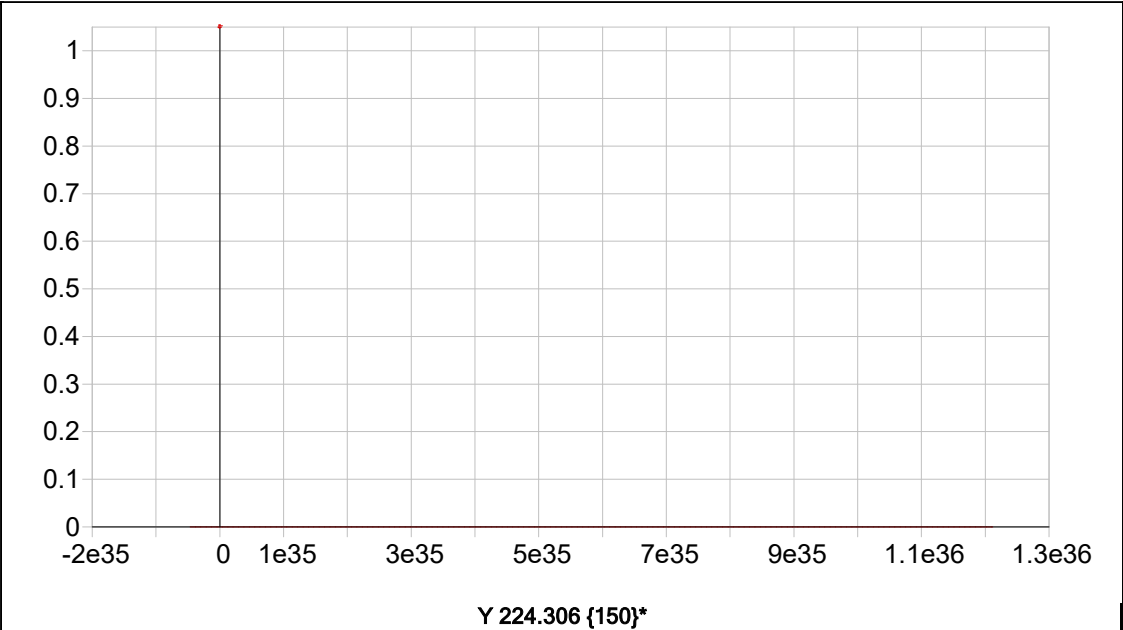


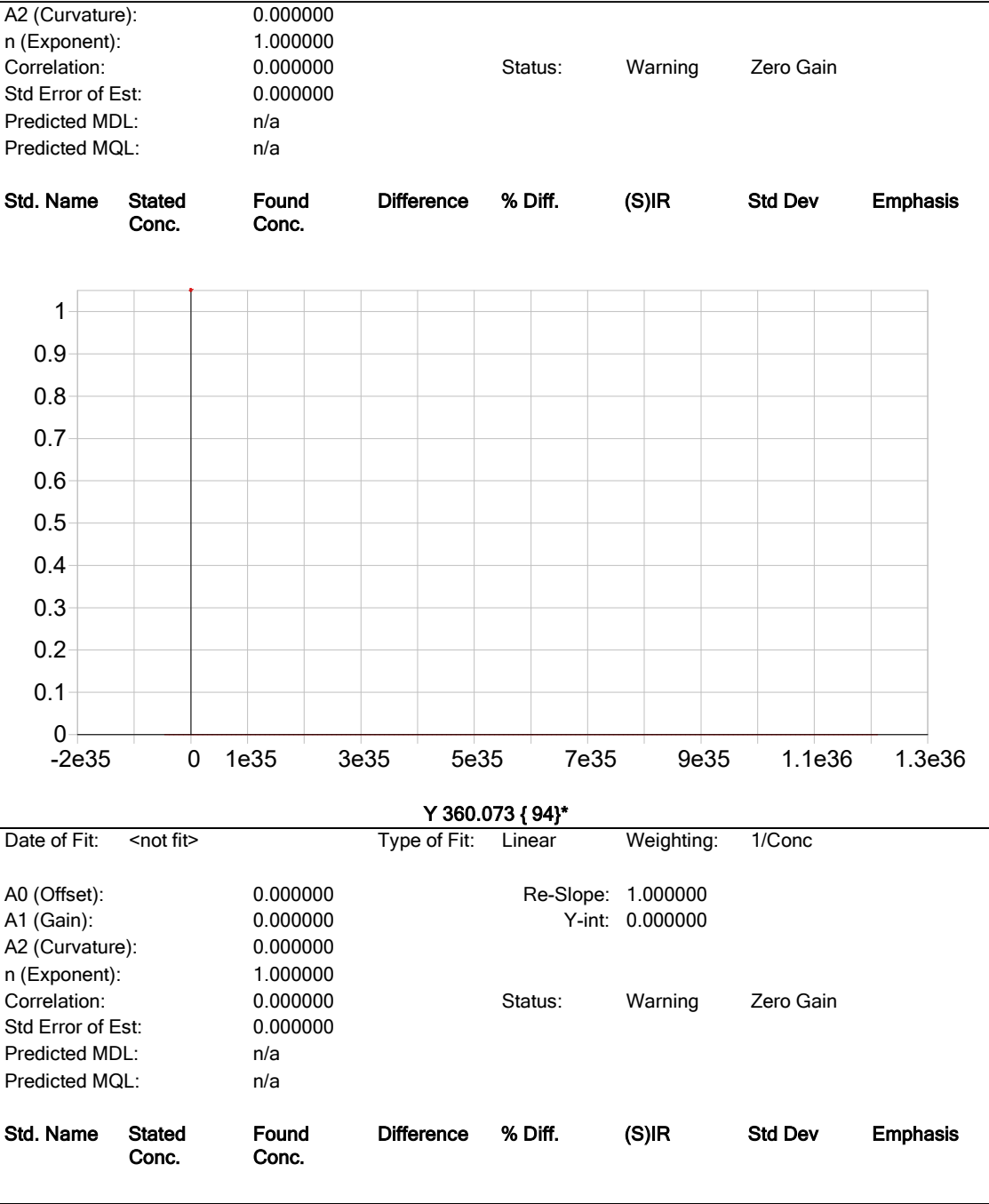
Li 670.784 { 50}

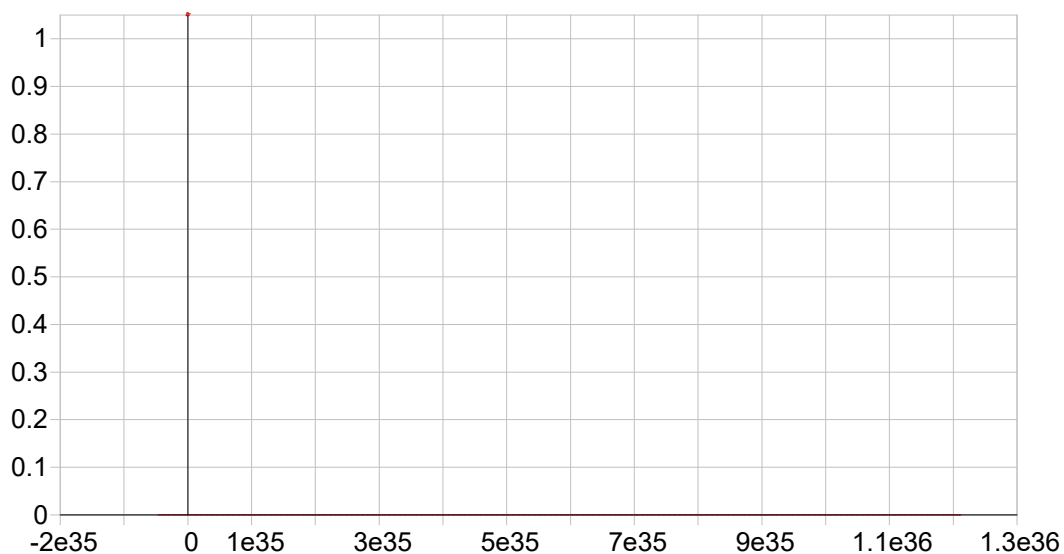
Date of Fit: 03/28/2019 11:39:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021018 Re-Slope: 1.000000
 A1 (Gain): 0.714586 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997438 Status: OK.
 Std Error of Est: 0.001052
 Predicted MDL: 0.002215
 Predicted MQL: 0.007382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02100	.001	1
S5	10.000	10.252	.252	2.52	7.3468	.019	1
S4	5.0000	4.9493	-.051	-1.01	3.5578	.034	1
S3	2.5000	2.3539	-.146	-5.85	1.7031	.007	1
S2	1.2500	1.1616	-.088	-7.07	.85106	.009	1
S1	.01500	.04849	.033	223.	.05567	.001	1



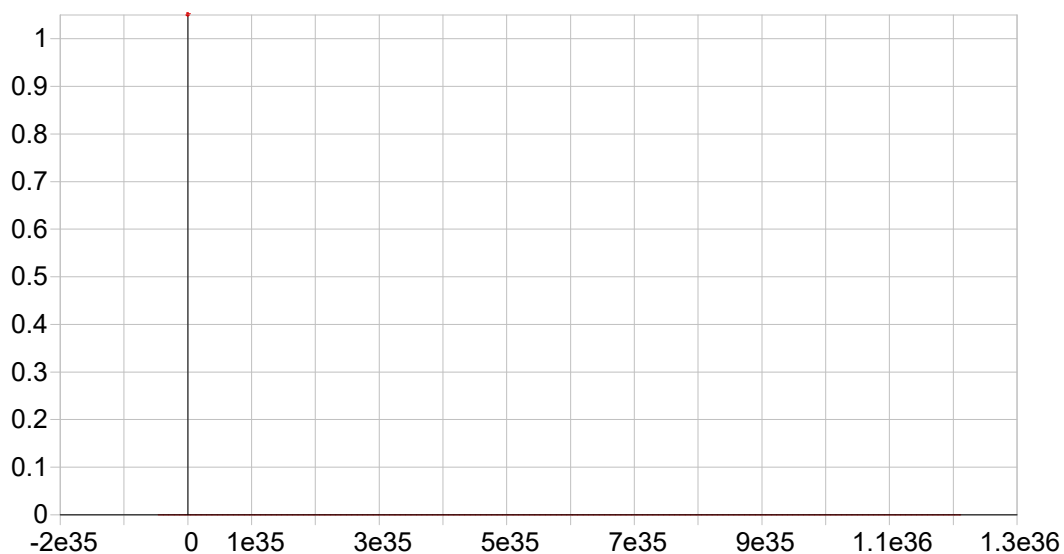




Y 371.030 { 91}*

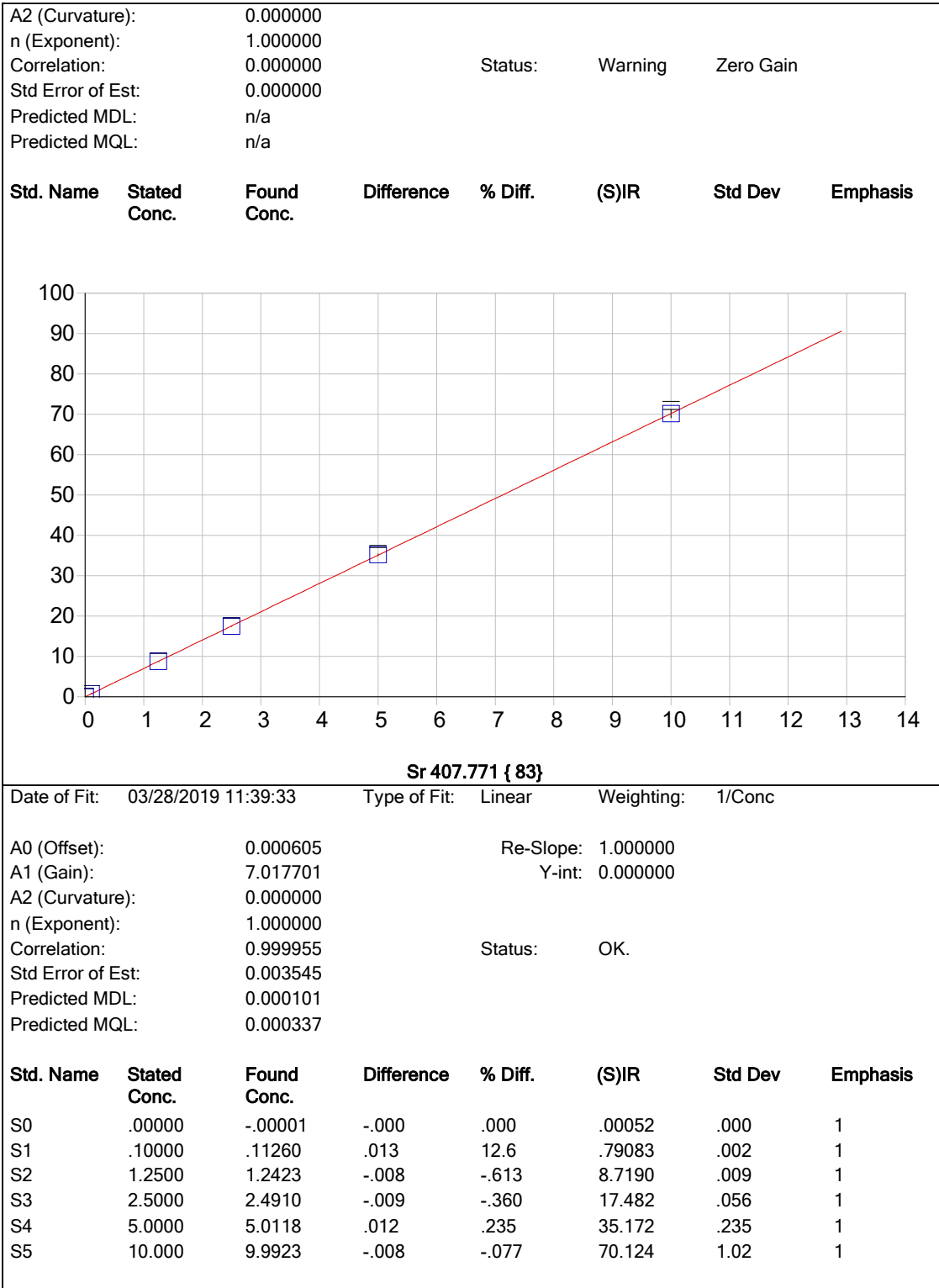
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 03/28/2019 11:15:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.00032	-.00108	.00054	.00072	.00080	.00494	.03795	-.00387
Stddev	.00026	.00014	.00006	.00018	.00005	.00031	.00097	.00100
%RSD	80.972	13.247	11.904	24.454	6.7412	6.2731	2.5489	25.886
#1	-.00031	-.00122	.00054	.00072	.00085	.00527	.03871	-.00386
#2	-.00060	-.00110	.00060	.00090	.00074	.00491	.03827	-.00287
#3	-.00007	-.00093	.00047	.00054	.00081	.00466	.03686	-.00487
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	.00032	.00115	-.00001	-.00052	.00444	.00094	.00074	.00006
Stddev	.00009	.00065	.00006	.00017	.00002	.00011	.00002	.00012
%RSD	27.001	56.633	962.18	32.798	.34756	11.154	3.2468	223.22
#1	.00035	.00064	.00004	-.00033	.00445	.00100	.00075	.00007
#2	.00040	.00094	.00000	-.00064	.00445	.00101	.00076	.00017
#3	.00023	.00189	-.00006	-.00061	.00442	.00082	.00072	-.00007
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	-.00138	-.00071	-.00136	.00013	.00047	.02551	-.00139	.00242
Stddev	.00020	.00008	.00078	.00026	.00034	.00096	.00007	.00039
%RSD	14.171	10.698	57.363	201.92	72.391	3.7542	4.8407	16.147
#1	-.00131	-.00079	-.00189	-.00005	.00077	.02448	-.00140	.00219
#2	-.00161	-.00071	-.00046	.00001	.00052	.02637	-.00146	.00220
#3	-.00124	-.00064	-.00172	.00042	.00010	.02568	-.00133	.00287
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	.00061	.00017	.00613	.00076	.00184	.02100	.00052	
Stddev	.00010	.00005	.00018	.00009	.00021	.00071	.00020	
%RSD	15.801	27.012	2.8554	12.058	11.159	3.3646	38.721	
#1	.00067	.00012	.00614	.00076	.00205	.02087	.00064	
#2	.00065	.00021	.00595	.00067	.00165	.02176	.00064	
#3	.00049	.00018	.00630	.00086	.00182	.02036	.00029	

Sample Name: S0 Acquired: 03/28/2019 11:15:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2831.0	3976.9	58589.	9112.6	4608.6
Stddev	25.4	3.6	174.	47.7	6.9
%RSD	.89628	.08952	.29676	.52379	.14879
#1	2809.0	3974.7	58443.	9160.0	4612.1
#2	2825.1	3981.0	58543.	9064.6	4613.0
#3	2858.7	3975.1	58781.	9113.1	4600.7

Sample Name: S1 Acquired: 03/28/2019 11:19:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.00007	.00063	.00248	.00224	.00883	.02437	.65319	.02501
Stddev	.00007	.00003	.00037	.00020	.00022	.00050	.00121	.00050
%RSD	97.073	5.4309	15.026	9.1185	2.4659	2.0484	.18533	2.0127

#1	-.00014	.00059	.00231	.00246	.00889	.02456	.65452	.02454
#2	-.00006	.00064	.00290	.00205	.00859	.02475	.65288	.02554
#3	-.00001	.00066	.00222	.00222	.00901	.02380	.65216	.02497

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	.01240	.33134	.00186	.03103	.00952	.00390	.01217	.05637
Stddev	.00013	.00114	.00003	.00014	.00039	.00014	.00022	.00035
%RSD	1.0813	.34509	1.7441	.45567	4.1152	3.6243	1.8462	.62478

#1	.01225	.33146	.00183	.03108	.00913	.00397	.01197	.05671
#2	.01247	.33243	.00189	.03115	.00953	.00373	.01213	.05640
#3	.01249	.33015	.00186	.03088	.00991	.00398	.01241	.05600

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	.02428	.00120	.02152	.00818	.01892	.12774	-.00108	.00512
Stddev	.00034	.00006	.00237	.00022	.00044	.00081	.00014	.00045
%RSD	1.3909	4.6142	11.000	2.6571	2.3385	.63316	12.574	8.7000

#1	.02390	.00113	.02040	.00805	.01943	.12855	-.00123	.00508
#2	.02440	.00123	.01992	.00844	.01875	.12773	-.00101	.00470
#3	.02455	.00122	.02424	.00807	.01859	.12693	-.00099	.00558

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	.00559	.00198	.04704	.00128	.05513	.05567	.79083	
Stddev	.00009	.00004	.00054	.00018	.00052	.00147	.00205	
%RSD	1.6915	2.2185	1.1383	13.761	.94139	2.6421	.25890	

#1	.00562	.00193	.04647	.00135	.05457	.05588	.78861	
#2	.00549	.00199	.04753	.00141	.05559	.05411	.79264	
#3	.00567	.00202	.04712	.00108	.05524	.05703	.79123	

Sample Name: S1 Acquired: 03/28/2019 11:19:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2835.1	3956.1	58654.	9164.9	4635.7
Stddev	24.8	10.8	265.	34.0	9.7
%RSD	.87334	.27347	.45167	.37071	.20873
#1	2823.7	3965.7	58610.	9129.9	4640.3
#2	2863.5	3944.3	58938.	9167.1	4624.6
#3	2818.1	3958.2	58414.	9197.8	4642.2

Sample Name: S2 Acquired: 03/28/2019 11:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.04506	.08348	1.1971	.05385	.14937	3.2837	6.8200	.64912
Stddev	.00008	.00004	.0020	.00013	.00044	.0081	.0036	.00079
%RSD	.18279	.04231	.16403	.24935	.29393	.24824	.05306	.12100

#1	.04496	.08346	1.1953	.05387	.14922	3.2869	6.8159	.65002
#2	.04511	.08346	1.1966	.05371	.14903	3.2897	6.8226	.64876
#3	.04510	.08352	1.1992	.05397	.14987	3.2744	6.8215	.64858

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4095	3.5733	.57309	.35622	.71168	1.0564	2.4320	.60880
Stddev	.0020	.0324	.00068	.00078	.00080	.0051	.0174	.00213
%RSD	.13951	.90596	.11820	.21778	.11285	.48467	.71520	.35050

#1	1.4073	3.5989	.57386	.35705	.71132	1.0602	2.4426	.61044
#2	1.4111	3.5840	.57257	.35550	.71260	1.0585	2.4414	.60956
#3	1.4100	3.5369	.57284	.35612	.71112	1.0506	2.4119	.60639

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	.34258	.05139	.15023	.07860	1.0077	.71566	.04320	.24891
Stddev	.00042	.00063	.00095	.00040	.0045	.00150	.00015	.00079
%RSD	.12191	1.2262	.63098	.50467	.44376	.20945	.34086	.31567

#1	.34214	.05170	.15037	.07906	1.0122	.71478	.04307	.24833
#2	.34263	.05066	.14922	.07845	1.0078	.71482	.04336	.24860
#3	.34297	.05180	.15110	.07831	1.0032	.71739	.04316	.24981

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	.33702	.02142	.28755	.07453	.35230	.85106	8.7190
Stddev	.00081	.00012	.00158	.00037	.00202	.00870	.0092
%RSD	.23893	.57013	.54831	.49697	.57266	1.0225	.10558

#1	.33735	.02140	.28807	.07435	.35448	.85700	8.7238
#2	.33611	.02130	.28578	.07429	.35191	.85510	8.7083
#3	.33762	.02155	.28881	.07496	.35050	.84107	8.7247

Sample Name: S2 Acquired: 03/28/2019 11:24:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2764.9	3827.2	58281.	9108.0	4378.7
Stddev	9.2	4.0	242.	34.3	4.0
%RSD	.33280	.10370	.41581	.37613	.09078
#1	2760.2	3823.0	58027.	9107.3	4377.4
#2	2759.0	3830.8	58309.	9074.0	4375.6
#3	2775.5	3827.9	58509.	9142.5	4383.2

Sample Name: S3 Acquired: 03/28/2019 11:27:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.09120	.16705	2.4049	.10574	.29678	6.5599	13.642	1.2870
Stddev	.00028	.00017	.0020	.00031	.00108	.0104	.016	.0018
%RSD	.30435	.10329	.08428	.29587	.36269	.15821	.11386	.13604

#1	.09131	.16718	2.4069	.10610	.29554	6.5634	13.624	1.2886
#2	.09088	.16686	2.4050	.10554	.29748	6.5482	13.647	1.2874
#3	.09140	.16713	2.4028	.10558	.29731	6.5681	13.654	1.2852

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	2.8147	7.1091	1.1243	.71683	1.4021	2.0756	4.7858	1.2167
Stddev	.0045	.0418	.0003	.00053	.0026	.0071	.0295	.0056
%RSD	.15877	.58721	.02635	.07390	.18809	.34193	.61538	.46075

#1	2.8190	7.1572	1.1246	.71674	1.4018	2.0831	4.8197	1.2221
#2	2.8152	7.0869	1.1243	.71739	1.3997	2.0690	4.7714	1.2109
#3	2.8101	7.0831	1.1240	.71634	1.4049	2.0747	4.7663	1.2169

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	.68656	.10409	.30220	.15495	2.0298	1.4273	.09018	.49964
Stddev	.00041	.00114	.00018	.00045	.0057	.0053	.00028	.00192
%RSD	.05909	1.0994	.05827	.28847	.28131	.36978	.31333	.38400

#1	.68703	.10339	.30228	.15535	2.0309	1.4229	.09028	.50061
#2	.68634	.10347	.30199	.15447	2.0236	1.4259	.08986	.49743
#3	.68632	.10541	.30231	.15503	2.0348	1.4332	.09040	.50089

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	.67673	.04385	.56505	.14986	.69866	1.7031	17.482
Stddev	.00028	.00015	.00238	.00024	.00208	.0065	.056
%RSD	.04187	.34846	.42201	.16089	.29779	.38422	.32149

#1	.67694	.04402	.56557	.14962	.70083	1.7106	17.454
#2	.67641	.04374	.56245	.14985	.69668	1.6986	17.445
#3	.67684	.04379	.56714	.15011	.69846	1.7000	17.546

Sample Name: S3 Acquired: 03/28/2019 11:27:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2670.8	3704.9	57445.	9001.3	4180.7
Stddev	18.8	7.4	363.	49.2	10.9
%RSD	.70342	.19962	.63148	.54703	.25981
#1	2668.9	3698.0	57505.	8967.8	4170.9
#2	2690.4	3703.8	57775.	9057.8	4178.9
#3	2653.0	3712.7	57056.	8978.2	4192.4

Sample Name: S4 Acquired: 03/28/2019 11:31:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.18851	.33786	4.9520	.20986	.60466	13.520	27.620	2.5761
Stddev	.00008	.00042	.0063	.00042	.00086	.058	.060	.0048
%RSD	.04176	.12579	.12750	.19799	.14155	.43181	.21897	.18544

#1	.18859	.33783	4.9545	.20971	.60387	13.553	27.689	2.5708
#2	.18843	.33829	4.9448	.20954	.60453	13.453	27.598	2.5773
#3	.18852	.33745	4.9567	.21033	.60557	13.555	27.574	2.5801

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7099	14.488	2.2491	1.4693	2.8174	4.1699	9.6918	2.4919
Stddev	.0009	.117	.0058	.0010	.0079	.0288	.0828	.0169
%RSD	.01556	.80679	.25842	.06511	.28183	.68937	.85413	.67842

#1	5.7098	14.534	2.2436	1.4703	2.8171	4.1679	9.6993	2.4908
#2	5.7108	14.355	2.2552	1.4684	2.8096	4.1423	9.6056	2.4757
#3	5.7090	14.575	2.2484	1.4693	2.8255	4.1996	9.7706	2.5094

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	1.3983	.21900	.61593	.31411	4.2092	2.9316	.19095	1.0287
Stddev	.0004	.00156	.00512	.00148	.0286	.0056	.00018	.0059
%RSD	.02586	.71359	.83058	.47098	.68066	.19019	.09666	.56886

#1	1.3987	.21746	.61580	.31447	4.1974	2.9344	.19080	1.0220
#2	1.3980	.22058	.61088	.31248	4.1884	2.9252	.19116	1.0329
#3	1.3982	.21895	.62111	.31537	4.2419	2.9352	.19090	1.0312

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	1.3830	.09209	1.1354	.30774	1.4086	3.5578	35.172
Stddev	.0018	.00031	.0012	.00089	.0074	.0336	.235
%RSD	.12883	.34145	.10136	.29015	.52852	.94472	.66738

#1	1.3812	.09244	1.1341	.30826	1.4113	3.5775	34.948
#2	1.3832	.09185	1.1358	.30825	1.4002	3.5189	35.152
#3	1.3847	.09196	1.1364	.30671	1.4143	3.5768	35.416

Sample Name: S4 Acquired: 03/28/2019 11:31:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2518.3	3493.0	55320.	8777.0	3885.7
Stddev	9.0	8.6	176.	28.8	5.8
%RSD	.35554	.24594	.31864	.32840	.14986
#1	2519.7	3499.3	55522.	8776.7	3885.5
#2	2526.4	3496.6	55242.	8806.0	3891.6
#3	2508.7	3483.2	55196.	8748.3	3880.0

Sample Name: S6 Acquired: 03/28/2019 11:39:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	73.966	48.461	22.248	8.6160	3.5467
Stddev	.343	.362	.100	.0391	.0136
%RSD	.46392	.74736	.44889	.45421	.38416

#1	74.179	48.043	22.312	8.6303	3.5549
#2	73.570	48.655	22.133	8.5717	3.5309
#3	74.149	48.685	22.298	8.6460	3.5542

Int. Std.	Y_3710
Units	Cts/S
Avg	8378.6
Stddev	14.3
%RSD	.17103

#1	8368.4
#2	8394.9
#3	8372.3

Sample Name: S5 Acquired: 03/28/2019 11:35:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.38956	.66259	10.009	.41520	1.2431	27.551	54.582	5.0620
Stddev	.00115	.00064	.014	.00042	.0015	.084	.270	.0155
%RSD	.29620	.09603	.14354	.10184	.12164	.30523	.49433	.30627

#1	.39083	.66310	10.020	.41567	1.2448	27.559	54.830	5.0717
#2	.38857	.66188	9.9927	.41485	1.2418	27.631	54.295	5.0442
#3	.38929	.66280	10.015	.41509	1.2428	27.463	54.623	5.0703

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	11.356	28.806	4.3733	2.9624	5.6279	8.2038	19.091	5.0341
Stddev	.012	.198	.0123	.0010	.0168	.0312	.133	.0177
%RSD	.10674	.68821	.28198	.03534	.29800	.37992	.69625	.35072

#1	11.362	28.897	4.3796	2.9634	5.6303	8.1932	19.122	5.0339
#2	11.342	28.942	4.3811	2.9613	5.6433	8.2388	19.205	5.0519
#3	11.365	28.579	4.3591	2.9626	5.6100	8.1792	18.945	5.0166

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7988	.44662	1.2480	.62008	8.7023	6.0268	.39306	2.0330
Stddev	.0013	.00187	.0043	.00241	.0728	.0127	.00159	.0100
%RSD	.04506	.41957	.34499	.38828	.83689	.21052	.40419	.48985

#1	2.7978	.44729	1.2495	.62108	8.6773	6.0370	.39458	2.0406
#2	2.7984	.44806	1.2514	.62184	8.7844	6.0308	.39141	2.0366
#3	2.8002	.44450	1.2431	.61734	8.6453	6.0126	.39320	2.0217

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	2.8254	.19168	2.2375	.61735	2.8047	7.3468	70.124
Stddev	.0014	.00051	.0098	.00039	.0170	.0192	1.017
%RSD	.05031	.26755	.43780	.06266	.60605	.26187	1.4496

#1	2.8249	.19211	2.2479	.61755	2.8101	7.3492	71.295
#2	2.8269	.19111	2.2363	.61760	2.8183	7.3646	69.607
#3	2.8242	.19183	2.2284	.61691	2.7856	7.3264	69.469

Sample Name: S5 Acquired: 03/28/2019 11:35:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	2325.7	3212.5	53690.	8575.5	3569.9
Stddev	7.6	1.8	261.	31.2	4.2
%RSD	.32537	.05459	.48563	.36386	.11822
#1	2319.1	3214.5	53636.	8539.7	3571.5
#2	2324.1	3211.6	53460.	8589.2	3573.1
#3	2334.0	3211.3	53973.	8597.4	3565.1

Sample Name: ICV Acquired: 03/28/2019 11:50:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.9853118	1.005823	.9709754	1.005562	1.030710	2.325467
Stddev	.0034695	.007181	.0033353	.003908	.001195	.014238
%RSD	.3521236	.7139885	.3434987	.3885909	.1159835	.6122520

#1	.9884808	.998115	.9673302	1.001291	1.031551	2.309662
#2	.9858498	1.012326	.9717219	1.008957	1.031238	2.329453
#3	.9816047	1.007028	.9738742	1.006438	1.029342	2.337288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5183412	.4968507	.4820523	10.40956	.5300861	.5095662
Stddev	.0013238	.0058940	.0007367	.11928	.0004161	.0016537
%RSD	.2553815	1.186277	.1528318	1.145851	.0785043	.3245246

#1	.5178092	.4910443	.4816042	10.27185	.5297291	.5081181
#2	.5173662	.4966792	.4829026	10.48070	.5305431	.5113682
#3	.5198481	.5028286	.4816502	10.47612	.5299861	.5092124

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5394455	5.427063	.5233380	5.989520	.5244469	.4648324
Stddev	.0011243	.048129	.0043064	.043463	.0008898	.0023529
%RSD	.2084153	.8868295	.8228806	.7256495	.1696630	.5061936

#1	.5387874	5.371681	.5183657	5.941494	.5247232	.4621199
#2	.5407437	5.458752	.5258812	6.000915	.5251657	.4660539
#3	.5388055	5.450756	.5257669	6.026149	.5234517	.4663234

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03774	.5269532	1.033081	9.698949	F -.005149	F -.010074
Stddev	.29982	.0044211	.008382	.057443	.001687	.000757
%RSD	2.986916	.8389919	.8113996	.5922564	32.76065	7.514013

#1	9.80221	.5219290	1.042137	9.695159	-.004664	-.009200
#2	10.37525	.5286817	1.031512	9.643495	-.003758	-.010512
#3	9.93577	.5302489	1.025593	9.758193	-.007025	-.010510

Sample Name: ICV Acquired: 03/28/2019 11:50:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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 -.000344	F -.001756	F -.003766	F -.005953	F -.000873	F -.000892
Stddev	.000543	.004625	.001650	.001642	.002042	.001134
%RSD	157.9939	263.4626	43.80425	27.57706	233.9161	127.0814
#1	.000122	-.006903	-.002369	-.004782	.000654	.000086
#2	-.000213	-.000416	-.005586	-.005248	-.000081	-.000628
#3	-.000941	.002052	-.003343	-.007829	-.003193	-.002135

Elem	Sr4077
Units	ppm
Avg	F .0120251
Stddev	.0001395
%RSD	1.159691
#1	.0120910
#2	.0121195
#3	.0118650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.611	3885.323	57462.20	9081.354	4559.557
Stddev	13.598	13.107	264.36	45.072	16.388
%RSD	.4968937	.3373468	.4600558	.4963099	.3594187
#1	2721.661	3873.708	57165.80	9113.908	4549.157
#2	2748.243	3882.729	57547.19	9100.243	4551.066
#3	2739.928	3899.534	57673.61	9029.911	4578.448

Sample Name: K2046-13LX5 Acquired: 03/28/2019 12:56:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069873	-.001341	.0294405	-.001681	-.001548	8.177805	.0405042
Stddev	.0030788	.001427	.0001494	.002854	.001283	.009952	.0006461
%RSD	44.06293	106.4387	.5073299	169.8224	82.87588	.1216925	1.595183

#1	.0035307	-.001528	.0293159	-.004968	-.000309	8.187464	.0411206
#2	.0094354	-.002666	.0296061	.000174	-.001464	8.167584	.0405600
#3	.0079958	.000171	.0293997	-.000249	-.002872	8.178366	.0398319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002951	.0001298	211.3843	.0311218	.0057831	.0462782	20.42204
Stddev	.0001262	.0000773	.2615	.0001469	.0000726	.0017438	.09018
%RSD	42.75205	59.57252	.1237217	.4720324	1.255176	3.768011	.4415846

#1	.0003788	.0001756	211.6164	.0309575	.0057188	.0452558	20.38561
#2	.0003565	.0000405	211.4354	.0311672	.0058618	.0482916	20.52474
#3	.0001500	.0001732	211.1009	.0312406	.0057687	.0452871	20.35578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3256564	5.787976	.0207696	-.001509	1.493697	.0598917	.0503811
Stddev	.0016063	.017927	.0003238	.000274	.233064	.0037433	.0029397
%RSD	.4932584	.3097222	1.559084	18.14031	15.60314	6.250071	5.834896

#1	.3256783	5.781586	.0204697	-.001563	1.438284	.0623696	.0490007
#2	.3272517	5.774119	.0207261	-.001212	1.293334	.0617198	.0537570
#3	.3240392	5.808222	.0211129	-.001752	1.749473	.0555857	.0483857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2121540	.3957875	-.019743	.0036556	.8862306	2.640096	-.009673
Stddev	.0557930	.0032503	.001831	.0005886	.0101380	.014911	.000980
%RSD	26.29837	.8212215	9.272495	16.10037	1.143945	.5647984	10.13053

#1	.1908645	.3981265	-.021481	.0035372	.8938872	2.642897	-.010796
#2	.1701402	.3920761	-.019915	.0042943	.8747335	2.653408	-.008988
#3	.2754574	.3971600	-.017832	.0031352	.8900711	2.623983	-.009237

Sample Name: K2046-13LX5 Acquired: 03/28/2019 12:56:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5785917	-.006756	2.161394
Stddev	.0025384	.002300	.004524
%RSD	.4387212	34.04698	.2093040

#1	.5810123	-.005848	2.161669
#2	.5788129	-.005048	2.165775
#3	.5759500	-.009371	2.156739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.251	3797.700	55765.63	9293.190	4298.044
Stddev	9.531	7.326	301.51	42.140	8.079
%RSD	.3645914	.1929020	.5406647	.4534556	.1879739

#1	2603.895	3795.614	55420.19	9268.481	4294.831
#2	2622.656	3791.643	55900.77	9269.240	4292.066
#3	2616.204	3805.843	55975.92	9341.847	4307.236

Sample Name: ICB Acquired: 03/28/2019 11:54:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.004091	.0001957	-.000183	-.000368	-.000929	-.002635	-.001060
Stddev	.003012	.0015055	.000946	.003070	.000708	.008842	.000628
%RSD	73.62756	769.1828	517.1341	833.8243	76.16290	335.5765	59.24866

#1	-.004495	.0008097	.000750	-.002942	-.001662	.007229	-.001611
#2	-.006881	.0012972	-.000156	-.001192	-.000250	-.005284	-.000376
#3	-.000897	-.001520	-.001142	.003030	-.000876	-.009848	-.001192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000489	-.000072	-.005547	.0005678	-.000173	.0016809	.0187597
Stddev	.0000997	.000038	.011920	.0002899	.000102	.0015332	.0076311
%RSD	203.7195	53.05160	214.8793	51.05078	59.03337	91.21222	40.67804

#1	.0001460	-.000059	-.010511	.0008620	-.000272	.0000600	.0275690
#2	-.000053	-.000115	.008052	.0002825	-.000179	.0031081	.0145325
#3	.000054	-.000042	-.014183	.0005589	-.000068	.0018747	.0141777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006863	-.002537	-.000244	-.000096	.0242496	.0025645	.0005119
Stddev	.0001529	.017479	.000335	.000346	.0575846	.0040697	.0016400
%RSD	22.28349	688.8967	137.5542	360.8189	237.4666	158.6919	320.4056

#1	.0008488	.015314	.000049	-.000159	.0610387	.0025011	-.001192
#2	.0005452	-.003308	-.000609	.000277	.0538228	.0066655	.002080
#3	.0006649	-.019618	-.000171	-.000406	-.042113	-.001473	.000648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624652	-.001618	-.005745	-.000242	-.001081	-.007323	-.004304
Stddev	.0883125	.002836	.001607	.000433	.000859	.000494	.002027
%RSD	141.3788	175.2665	27.96597	178.8094	79.53299	6.741023	47.09231

#1	.0462034	.001647	-.007529	-.000734	-.002069	-.007494	-.001966
#2	.1577784	-.003466	-.005294	.000076	-.000504	-.007708	-.005378
#3	-.016586	-.003036	-.004412	-.000068	-.000669	-.006767	-.005568

Sample Name: ICB Acquired: 03/28/2019 11:54:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.000237	-.002190	-.000223
Stddev	.000505	.001567	.000053
%RSD	212.9078	71.53589	23.70271

#1	-.000497	-.000441	-.000183
#2	-.000559	-.003464	-.000203
#3	.000345	-.002665	-.000283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.688	3874.211	56692.56	8998.496	4502.615
Stddev	11.410	12.641	59.18	13.755	9.695
%RSD	.4198281	.3262936	.1043871	.1528540	.2153146

#1	2704.521	3875.740	56624.23	9012.724	4499.027
#2	2723.871	3886.019	56725.86	8985.269	4513.592
#3	2724.670	3860.875	56727.59	8997.497	4495.225

Sample Name: ICSA Acquired: 03/28/2019 11:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.004390	.0033496	.0030438	-.010991	.0070990	252.8292
Stddev	.002260	.0025385	.0018409	.003549	.0029953	1.0624
%RSD	51.47059	75.78622	60.47903	32.28541	42.19338	.4201983

#1	-.005703	.0009519	.0021173	-.008589	.0047458	251.6076
#2	-.001781	.0030881	.0051638	-.009317	.0060803	253.5373
#3	-.005686	.0060088	.0018502	-.015067	.0104707	253.3427

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038655	.0010023	.0005110	271.3295	.0527931	.0005518
Stddev	.0009045	.0000413	.0001384	1.3055	.0002461	.0004522
%RSD	23.40017	4.115795	27.08762	.4811328	.4661478	81.94414

#1	.0045144	.0009564	.0006603	269.9196	.0526985	.0001122
#2	.0042500	.0010362	.0004860	272.4963	.0526084	.0010155
#3	.0028323	.0010145	.0003868	271.5725	.0530725	.0005277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006972	109.5111	.0158321	275.8996	-.001025	-.007528
Stddev	.000745	.4357	.0005032	1.5567	.000483	.000663
%RSD	10.68835	.3978862	3.178449	.5642379	47.13348	8.810416

#1	-.007657	109.0128	.0156819	274.1051	-.001580	-.006814
#2	-.007080	109.8201	.0163933	276.7050	-.000697	-.008124
#3	-.006178	109.7006	.0154210	276.8886	-.000799	-.007646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.596568	.0036840	-.000331	-.193563	.0075891	F -.197470
Stddev	.139232	.0007880	.001746	.027717	.0035880	.005907
%RSD	23.33881	21.39055	527.5860	14.31935	47.27856	2.991352

#1	-.435935	.0045053	-.001671	-.189413	.0035519	-.194126
#2	-.671112	.0029341	.001643	-.223121	.0088017	-.193994
#3	-.682656	.0036126	-.000965	-.168155	.0104137	-.204291

Sample Name: ICSA Acquired: 03/28/2019 11:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	-.000305	-.004602	-.009727	-.006722	-.001252	-.002692
Stddev	.001096	.007362	.000831	.002412	.000845	.001887
%RSD	359.1326	159.9617	8.543495	35.88973	67.55013	70.08202

#1	-.000704	-.007656	-.008912	-.004510	-.002224	-.001343
#2	.000934	-.009945	-.010573	-.006361	-.000693	-.001885
#3	-.001146	.003795	-.009696	-.009294	-.000837	-.004848

Elem	Sr4077
Units	ppm
Avg	.1101030
Stddev	.0004078
%RSD	.3703911

#1	.1096461
#2	.1102325
#3	.1104303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.790	3620.050	54592.62	8744.922	3976.259
Stddev	8.819	7.062	73.14	48.032	9.332
%RSD	.3439653	.1950768	.1339715	.5492547	.2346864

#1	2572.351	3612.755	54653.98	8788.938	3965.621
#2	2554.734	3620.541	54511.69	8752.138	3980.089
#3	2564.284	3626.853	54612.18	8693.691	3983.066

Sample Name: ICSAB Acquired: 03/28/2019 12:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.0935874	.1138734	.0550488	.0337680	.6424829	243.0379
Stddev	.0027059	.0017289	.0012966	.0041335	.0051689	.7101
%RSD	2.891266	1.518298	2.355417	12.24084	.8045217	.2921776

#1	.0931575	.1131056	.0542439	.0321832	.6389781	242.4158
#2	.0964825	.1158533	.0565446	.0384594	.6400514	243.8116
#3	.0911222	.1126614	.0543580	.0306615	.6484192	242.8864

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5476611	.5269081	1.003745	260.0848	.5948606	.5336471
Stddev	.0019469	.0041381	.000537	1.7619	.0015441	.0018692
%RSD	.3554878	.7853513	.0535218	.6774412	.2595770	.3502615

#1	.5471536	.5222894	1.004348	258.7893	.5945731	.5332795
#2	.5498115	.5281573	1.003318	259.3741	.5934804	.5319892
#3	.5460183	.5302777	1.003569	262.0911	.5965282	.5356728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321221	105.4052	.5545042	264.7555	1.073307	.1631390
Stddev	.0062384	.5572	.0050955	1.7041	.001640	.0002489
%RSD	1.172362	.5286329	.9189333	.6436476	.1527890	.1525644

#1	.5284134	104.7876	.5506537	262.8620	1.074739	.1628531
#2	.5393245	105.5580	.5525766	265.2390	1.071518	.1633079
#3	.5286283	105.8701	.5602823	266.1657	1.073665	.1632559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.679837	.5432758	1.072957	-.256642	.0051566	F -.188294
Stddev	.098607	.0022227	.003312	.068016	.0034757	.004683
%RSD	14.50450	.4091335	.3086777	26.50233	67.40335	2.486870

#1	-.569222	.5414437	1.069283	-.295120	.0035366	-.182993
#2	-.758523	.5457485	1.073875	-.296697	.0027865	-.190021
#3	-.711766	.5426352	1.075714	-.178109	.0091465	-.191867

Sample Name: ICSAB Acquired: 03/28/2019 12:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) 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	.0000988	.0005457	-.006360	F -.010283	-.002560	-.005675
Stddev	.0003125	.0064899	.001625	.001032	.001142	.000423
%RSD	316.3513	1189.229	25.55133	10.03141	44.62204	7.459828
#1	-.000025	-.006204	-.006536	-.009362	-.002973	-.005895
#2	.000454	.001102	-.007889	-.010090	-.003439	-.005187
#3	-.000133	.006740	-.004654	-.011398	-.001269	-.005943

Elem	Sr4077
Units	ppm
Avg	.1058602
Stddev	.0003154
%RSD	.2979725
#1	.1055546
#2	.1061847
#3	.1058414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.965	3611.799	54829.30	8764.463	3978.121
Stddev	18.582	8.440	275.10	77.991	2.108
%RSD	.7182856	.2336802	.5017361	.8898509	.0529980
#1	2600.020	3621.525	54957.29	8851.614	3979.461
#2	2565.691	3607.466	54513.52	8701.238	3975.691
#3	2595.184	3606.405	55017.08	8740.537	3979.211

Sample Name: CCB056 Acquired: 03/28/2019 12:11:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005394	-.001287	-.001088	.0014467	-.001077	.0002446	-.001335
Stddev	.000766	.001376	.000844	.0006046	.001825	.0132791	.000132
%RSD	14.20982	106.9271	77.56292	41.79125	169.4969	5428.581	9.905289

#1	-.005091	-.001675	-.001127	.0020590	-.003147	.0154831	-.001391
#2	-.006265	.000241	-.001912	.0008501	-.000380	-.005899	-.001183
#3	-.004825	-.002428	-.000225	.0014311	.000298	-.008850	-.001429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000215	.0000458	-.008115	.0011030	-.000144	.0036454	.0072003
Stddev	.0000318	.0000791	.008514	.0006119	.000153	.0008119	.0053566
%RSD	148.2076	172.8362	104.9225	55.47946	106.3574	22.27251	74.39353

#1	-.000009	-.000020	-.009643	.0018095	-.000122	.0029003	.0126789
#2	.000018	.000134	.001060	.0007499	-.000307	.0045108	.0019747
#3	.000055	.000024	-.015762	.0007495	-.000003	.0035253	.0069475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010827	-.009813	-.000376	-.000353	-.243853	.0015798	.0001282
Stddev	.0003258	.014131	.000094	.000494	.229058	.0016332	.0011939
%RSD	30.08888	143.9917	24.99774	139.9384	93.93302	103.3809	931.2050

#1	.0014512	-.017868	-.000453	.000214	-.224510	.0034460	.0013796
#2	.0009643	-.018075	-.000403	-.000582	-.481969	.0008827	-.000998
#3	.0008328	.006503	-.000271	-.000691	-.025079	.0004108	.000003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212010	-.002098	.0025079	-.000020	-.006127	-.009338	-.003219
Stddev	.0654444	.002042	.0014050	.000210	.003094	.001045	.000285
%RSD	53.99660	97.31302	56.02165	1041.344	50.49961	11.19505	8.863987

#1	.1147903	-.002886	.0040951	.000171	-.007051	-.008190	-.003157
#2	.1896149	.000220	.0014236	-.000246	-.002676	-.009588	-.003531
#3	.0591979	-.003629	.0020049	.000015	-.008653	-.010235	-.002970

Sample Name: CCB056 Acquired: 03/28/2019 12:11:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015549	.0037009	-.000113
Stddev	.0008276	.0011500	.000117
%RSD	53.22518	31.07347	102.9194

#1	.0021616	.0026486	-.000013
#2	.0006121	.0049284	-.000242
#3	.0018910	.0035256	-.000086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.816	3854.873	56899.22	8910.326	4488.149
Stddev	7.153	13.161	62.49	48.960	11.944
%RSD	.2618349	.3414036	.1098320	.5494790	.2661271

#1	2737.725	3842.371	56870.56	8902.896	4474.802
#2	2733.859	3868.606	56970.91	8865.505	4497.831
#3	2723.864	3853.643	56856.20	8962.576	4491.815

Sample Name: PB118233BL Acquired: 03/28/2019 12:15:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS233 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006273	-.000792	-.000104	.0001204	-.002242	-.001998	-.000810
Stddev	.004139	.000630	.001207	.0012597	.001195	.009631	.000786
%RSD	65.98166	79.57428	1160.903	1046.406	53.27251	481.9384	97.03101

#1	-.005137	-.001218	-.000774	.0013159	-.002446	.005330	-.001247
#2	-.002821	-.000068	.001289	-.001195	-.003322	-.012906	-.001280
#3	-.010862	-.001089	-.000827	.000240	-.000959	.001581	.000097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	-.000070	-.002164	.0001323	-.000276	-.001045	-.002099
Stddev	.000136	.000072	.001337	.0003536	.000211	.002396	.009669
%RSD	128.0968	102.1734	61.76373	267.2249	76.39714	229.3240	460.6232

#1	-.000201	-.000150	-.001626	.0005395	-.000518	-.001016	-.013244
#2	.000050	-.000012	-.003687	-.000045	-.000182	.001337	.002902
#3	-.000167	-.000048	-.001181	-.000098	-.000129	-.003456	.004045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006995	-.012832	-.000421	-.000124	-.199858	.0034696	.0001593
Stddev	.0003641	.007074	.000098	.000580	.224880	.0016818	.0016336
%RSD	52.05295	55.12642	23.39114	467.5804	112.5200	48.47093	1025.534

#1	.0011001	-.004826	-.000349	-.000265	-.459377	.0054089	.0020448
#2	.0006095	-.018238	-.000381	.000513	-.077720	.0024120	-.000735
#3	.0003888	-.015433	-.000533	-.000621	-.062476	.0025879	-.000832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452626	-.000069	-.005112	.0003407	-.003726	-.009350	-.004843
Stddev	.0560764	.002726	.001924	.0002495	.003611	.002141	.001368
%RSD	123.8913	3956.579	37.64120	73.22367	96.91416	22.89491	28.24923

#1	.0703859	.002052	-.006066	.0001163	-.006251	-.010664	-.004949
#2	-.018983	.000885	-.006373	.0002964	.000410	-.010507	-.006156
#3	.084384	-.003144	-.002897	.0006093	-.005337	-.006880	-.003425

Sample Name: PB118233BL Acquired: 03/28/2019 12:15:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS233 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010024	-.005108	-.000197
Stddev	.0008750	.000660	.000077
%RSD	87.28575	12.92420	39.27454

#1	.0013098	-.005797	-.000109
#2	.0000152	-.005047	-.000253
#3	.0016823	-.004481	-.000230

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2711.406	3852.919	56317.59	8883.708	4496.714
Stddev	7.053	12.699	114.76	72.095	6.142
%RSD	.2601150	.3295921	.2037811	.8115453	.1365821

#1	2704.562	3848.467	56227.11	8872.933	4494.165
#2	2711.007	3867.245	56278.97	8817.608	4503.719
#3	2718.650	3843.046	56446.68	8960.585	4492.256

Sample Name: PB118233BS Acquired: 03/28/2019 12:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS233 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158001	.0499316	.0192062	.0738980	.1251390	.3834952
Stddev	.0019324	.0015765	.0006828	.0033093	.0012512	.0068840
%RSD	12.23004	3.157423	3.555165	4.478251	.9998802	1.795071

#1	.0137896	.0496611	.0188773	.0775866	.1239811	.3912623
#2	.0159672	.0485078	.0199912	.0729183	.1264663	.3810759
#3	.0176435	.0516259	.0187502	.0711892	.1249698	.3781474

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4107265	.0104578	.0096675	10.50637	.0228466	.0987563
Stddev	.0015314	.0001667	.0000994	.08256	.0004317	.0002709
%RSD	.3728409	1.593695	1.028266	.7858514	1.889426	.2743252

#1	.4123506	.0103208	.0095939	10.44906	.0232979	.0984561
#2	.4105201	.0104091	.0096279	10.46904	.0228043	.0989827
#3	.4093088	.0106433	.0097806	10.60100	.0224377	.0988301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505686	.2074640	.0344428	10.22640	.0838818	.0211451
Stddev	.0023365	.0092860	.0003739	.06244	.0008263	.0003159
%RSD	4.620384	4.475979	1.085614	.6105764	.9850847	1.493801

#1	.0531288	.2080817	.0340133	10.18380	.0831537	.0210322
#2	.0485516	.1978845	.0346955	10.19733	.0847799	.0215019
#3	.0500254	.2164257	.0346195	10.29808	.0837119	.0209012

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.853165	.1065160	.1240637	9.714131	.0215166	F .0283979
Stddev	.273069	.0006840	.0030724	.029094	.0016314	.0005448
%RSD	2.771379	.6421193	2.476460	.2994970	7.582240	1.918307

#1	10.16114	.1058986	.1206421	9.747525	.0206232	.0286146
#2	9.64060	.1072512	.1265862	9.694263	.0233996	.0288010
#3	9.75776	.1063983	.1249628	9.700604	.0205270	.0277781

Sample Name: PB118233BS Acquired: 03/28/2019 12:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS233 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0339560	.1785477	F .3351958	.0155141	F .3503371	.0924211
Stddev	.0007824	.0050888	.0036723	.0004723	.0021971	.0021635
%RSD	2.304064	2.850130	1.095577	3.044274	.6271297	2.340892
#1	.0331876	.1760891	.3348692	.0159216	.3479117	.0946402
#2	.0347517	.1843990	.3316977	.0156240	.3521943	.0903179
#3	.0339288	.1751550	.3390206	.0149965	.3509052	.0923051

Elem	Sr4077
Units	ppm
Avg	.2085355
Stddev	.0007013
%RSD	.3362713
#1	.2081821
#2	.2080813
#3	.2093431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.456	3851.318	57157.64	8982.490	4538.143
Stddev	6.668	16.542	160.75	71.456	18.668
%RSD	.2442925	.4295227	.2812381	.7955077	.4113644
#1	2725.389	3850.190	57059.41	8945.449	4537.608
#2	2725.827	3835.369	57070.36	9064.862	4519.749
#3	2737.151	3868.396	57343.15	8937.159	4557.074

Sample Name: PB118196BL Acquired: 03/28/2019 12:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS196 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006604	-.000635	.0005040	.0011443	-.001464	-.011183
Stddev	.003627	.001836	.0004374	.0007130	.000677	.009070
%RSD	54.92332	289.3598	86.78067	62.30563	46.23039	81.11180

#1	-.010702	-.000382	.0004323	.0019432	-.000784	-.021491
#2	-.005299	-.002584	.0001069	.0009174	-.002137	-.007633
#3	-.003809	.001062	.0009728	.0005724	-.001469	-.004424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001325	-.000031	-.000079	.0018973	.0007342	-.000135
Stddev	.000478	.000070	.000061	.0049203	.0002705	.000207
%RSD	36.06667	227.0739	76.83468	259.3330	36.84863	154.0737

#1	-.000945	-.000071	-.000127	.0060418	.0004263	.000023
#2	-.001861	-.000072	-.000011	-.003541	.0009338	-.000057
#3	-.001168	.000050	-.000101	.003191	.0008425	-.000369

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004660	.0045584	.0003528	-.007264	-.000370	-.000637
Stddev	.000522	.0054068	.0003522	.016619	.000083	.000227
%RSD	11.21076	118.6122	99.83482	228.7767	22.30473	35.73162

#1	-.005216	.0106863	.0004672	-.015746	-.000354	-.000437
#2	-.004585	.0004597	-.000042	-.017931	-.000460	-.000589
#3	-.004179	.0025293	.000634	.011884	-.000297	-.000884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.472876	.0040051	-.001271	-.095122	-.001723	F -.010838
Stddev	.148760	.0016436	.002381	.083205	.001881	.001313
%RSD	31.45851	41.03761	187.3356	87.47223	109.1813	12.11755

#1	-.343293	.0053033	.001439	-.169061	-.003835	-.009948
#2	-.440016	.0045549	-.003027	-.005022	-.001102	-.012346
#3	-.635318	.0021571	-.002225	-.111283	-.000231	-.010220

Sample Name: PB118196BL Acquired: 03/28/2019 12:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS196 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000139	-.005772	-.010851	-.004380	.0015901	-.010929
Stddev	.000527	.004370	.001852	.002381	.0006578	.000964
%RSD	379.9117	75.71574	17.06301	54.34990	41.37017	8.823416

#1	.000454	-.001395	-.010997	-.002025	.0011674	-.009892
#2	-.000553	-.005786	-.012625	-.004329	.0012550	-.011798
#3	-.000318	-.010135	-.008931	-.006785	.0023481	-.011097

Elem	Sr4077
Units	ppm
Avg	-.000238
Stddev	.000012
%RSD	5.013789

#1	-.000249
#2	-.000226
#3	-.000240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.992	3840.192	56719.92	8975.984	4471.448
Stddev	8.581	4.125	351.61	15.474	2.494
%RSD	.3145463	.1074249	.6199055	.1723911	.0557775

#1	2718.885	3843.665	56334.04	8989.751	4468.737
#2	2735.925	3835.632	56803.54	8978.966	4471.960
#3	2729.167	3841.277	57022.19	8959.237	4473.646

Sample Name: PB118196BS Acquired: 03/28/2019 12:27:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS196 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163635	.0481462	.0198924	.0741498	.1275002	.3884769
Stddev	.0025955	.0014600	.0004181	.0028980	.0010765	.0018754
%RSD	15.86175	3.032439	2.101661	3.908279	.8442715	.4827554

#1	.0137726	.0483423	.0194864	.0745797	.1262598	.3872479
#2	.0189637	.0465981	.0198694	.0768088	.1281903	.3875473
#3	.0163541	.0494983	.0203216	.0710609	.1280504	.3906355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4142736	.0102929	.0097082	10.63246	.0231333	.0991931
Stddev	.0011511	.0000812	.0000888	.08915	.0000949	.0002101
%RSD	.2778502	.7885983	.9141514	.8384755	.4100173	.2117858

#1	.4145067	.0103383	.0096057	10.56120	.0230315	.0989740
#2	.4152903	.0103413	.0097625	10.73243	.0232192	.0992126
#3	.4130239	.0101992	.0097562	10.60376	.0231493	.0993928

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0476949	.2201323	.0342557	10.31550	.0840888	.0206539
Stddev	.0022769	.0077623	.0005776	.04518	.0002582	.0003851
%RSD	4.773853	3.526205	1.686274	.4379389	.3070509	1.864720

#1	.0493942	.2289793	.0345277	10.31269	.0838559	.0209078
#2	.0485826	.2169542	.0346472	10.36201	.0843664	.0202108
#3	.0451079	.2144633	.0335923	10.27179	.0840439	.0208432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.890879	.1055165	.1255562	9.734625	.0196081	F .0269574
Stddev	.203563	.0042968	.0006199	.074408	.0019296	.0009056
%RSD	2.058091	4.072112	.4937351	.7643599	9.840698	3.359532

#1	9.903671	.1079103	.1262005	9.656431	.0175442	.0270877
#2	9.681222	.1080831	.1249640	9.742888	.0199131	.0259937
#3	10.08775	.1005560	.1255042	9.804557	.0213670	.0277909

Sample Name: PB118196BS Acquired: 03/28/2019 12:27:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS196 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0340341	.1823329	F .3344298	.0169769	F .3533840	.0894778
Stddev	.0007858	.0051028	.0008114	.0013864	.0018529	.0021895
%RSD	2.308980	2.798631	.2426219	8.166144	.5243351	2.447023

#1	.0347212	.1765148	.3338928	.0179121	.3519393	.0882801
#2	.0342038	.1844347	.3353632	.0176345	.3554730	.0920049
#3	.0331772	.1860491	.3340334	.0153841	.3527395	.0881483

Elem	Sr4077
Units	ppm
Avg	.2093755
Stddev	.0007086
%RSD	.3384510

#1	.2085780
#2	.2099329
#3	.2096156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.962	3868.488	57001.10	9051.599	4546.276
Stddev	8.942	10.168	48.59	76.740	11.482
%RSD	.3280347	.2628332	.0852443	.8478103	.2525570

#1	2736.208	3859.490	56954.47	9119.496	4534.322
#2	2719.726	3879.518	57051.44	8968.340	4557.219
#3	2721.954	3866.456	56997.38	9066.961	4547.286

Sample Name: PB118192BL Acquired: 03/28/2019 12:31:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW192 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003559	-.001693	-.000397	.0015196	-.002786	-.008253
Stddev	.000948	.000882	.001261	.0020800	.001701	.012977
%RSD	26.63770	52.07186	317.8583	136.8780	61.06230	157.2402

#1	-.003418	-.002628	-.001793	-.000787	-.002125	-.020220
#2	-.002689	-.001576	-.000056	.002093	-.004719	.005541
#3	-.004570	-.000876	.000659	.003253	-.001515	-.010080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001313	-.000082	-.000043	-.010846	.0003002	-.000151
Stddev	.000640	.000081	.000064	.006054	.0003728	.000244
%RSD	48.77751	99.01298	146.9020	55.81854	124.1703	161.4499

#1	-.001942	-.000174	-.000050	-.017646	.0006125	.000114
#2	-.000662	-.000018	-.000104	-.006040	-.000113	-.000365
#3	-.001335	-.000054	.000023	-.008853	.000401	-.000201

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005491	.0003391	.0003904	-.023361	-.000420	-.000407
Stddev	.002170	.0045293	.0002013	.009609	.000147	.000516
%RSD	39.51249	1335.535	51.56266	41.13352	34.92505	126.8246

#1	-.007711	.0035026	.0001824	-.034247	-.000251	-.000572
#2	-.003376	-.004849	.0005843	-.019783	-.000495	.000171
#3	-.005386	.002364	.0004045	-.016055	-.000515	-.000820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058450	.0037581	-.000536	-.174604	-.000007	F -.011101
Stddev	.107846	.0020722	.001086	.040305	.000980	.002826
%RSD	184.5093	55.13827	202.5839	23.08347	13272.75	25.45799

#1	.007091	.0056119	.000704	-.134796	-.000395	-.007927
#2	-.182922	.0041414	-.000995	-.173628	.001107	-.012032
#3	.000480	.0015211	-.001318	-.215387	-.000734	-.013344

Sample Name: PB118192BL Acquired: 03/28/2019 12:31:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW192 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002718	-.004411	-.008162	-.005212	.0010131	-.012264
Stddev	.0003749	.004014	.001920	.001172	.0008183	.002782
%RSD	137.9504	90.99829	23.52727	22.47899	80.76471	22.68525

#1	.0003321	-.003728	-.009647	-.004162	.0017586	-.015236
#2	.0006128	-.000782	-.005994	-.006476	.0001377	-.009721
#3	-.000130	-.008724	-.008847	-.005000	.0011432	-.011836

Elem	Sr4077
Units	ppm
Avg	-.000219
Stddev	.000100
%RSD	45.84884

#1	-.000103
#2	-.000275
#3	-.000279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2722.490	3866.475	56745.17	9042.316	4507.107
Stddev	15.179	8.429	352.24	11.586	8.616
%RSD	.5575426	.2180020	.6207466	.1281325	.1911579

#1	2737.655	3864.602	57149.23	9046.357	4498.041
#2	2722.518	3859.140	56502.84	9029.250	4508.093
#3	2707.297	3875.683	56583.42	9051.340	4515.187

Sample Name: K2021-21 Acquired: 03/28/2019 12:40:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003713	.0006225	-.000308	-.000754	-.002858	.0052091	-.001034
Stddev	.001414	.0015988	.000386	.002692	.001261	.0048170	.000736
%RSD	38.09031	256.8533	125.3348	357.1605	44.13434	92.47317	71.14694

#1	-.002230	.0011762	.000043	-.002844	-.002531	.0040979	-.000423
#2	-.003863	.0018708	-.000246	.002283	-.001792	.0010448	-.001851
#3	-.005046	-.001180	-.000722	-.001700	-.004250	.0104846	-.000829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000444	-.000087	.0777158	.0001355	.0000012	-.008749	-.005133
Stddev	.0000240	.000053	.0146758	.0005066	.0002469	.001097	.004160
%RSD	54.09040	60.78831	18.88399	373.9762	21255.17	12.53890	81.03647

#1	.0000203	-.000028	.0829797	.0007162	.0002739	-.007949	-.005845
#2	.0000683	-.000131	.0890337	-.000216	-.000063	-.008298	-.008891
#3	.0000445	-.000103	.0611340	-.000094	-.000207	-.010000	-.000663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000272	.0022790	-.000254	-.000320	-.378249	.0014642	.0057040
Stddev	.000166	.0048612	.000255	.000121	.251245	.0008599	.0029956
%RSD	60.96715	213.3083	100.3826	37.75014	66.42324	58.72556	52.51851

#1	-.000136	-.000010	-.000105	-.000452	-.661867	.0005891	.0077674
#2	-.000457	.007862	-.000548	-.000295	-.289301	.0023079	.0070766
#3	-.000224	-.001016	-.000108	-.000214	-.183578	.0014955	.0022680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.01327	.0007288	-.012479	.0011227	.0038884	.0049315	-.007006
Stddev	.05232	.0017217	.000410	.0002964	.0023286	.0012142	.002113
%RSD	5.163615	236.2212	3.283523	26.40294	59.88790	24.62086	30.15983

#1	-.98843	.0026658	-.012048	.0014113	.0065678	.0041773	-.007907
#2	-.97800	.0001480	-.012864	.0008190	.0023533	.0042852	-.008518
#3	-1.07339	-.000627	-.012524	.0011376	.0027440	.0063322	-.004592

Sample Name: K2021-21 Acquired: 03/28/2019 12:40:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5Y0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012805	-.022393	.0001804
Stddev	.0013548	.001249	.0000813
%RSD	105.8018	5.576927	45.04217

#1	.0024645	-.022088	.0002640
#2	-.000197	-.023767	.0001756
#3	.001574	-.021326	.0001017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.592	4131.198	59910.86	9651.725	4759.041
Stddev	17.565	10.549	264.58	50.226	3.763
%RSD	.6078619	.2553492	.4416195	.5203823	.0790647

#1	2888.008	4129.361	59627.80	9707.314	4761.802
#2	2872.873	4142.545	59952.85	9638.247	4760.565
#3	2907.895	4121.688	60151.93	9609.612	4754.755

Sample Name: K2046-13 Acquired: 03/28/2019 12:44:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530998	.0069084	.1365812	-.013370	.0050567	39.94646
Stddev	.0086111	.0031019	.0022348	.001114	.0018911	.03307
%RSD	16.21687	44.89973	1.636217	8.331647	37.39817	.0827884

#1	.0603549	.0092820	.1390593	-.013201	.0050441	39.93311
#2	.0435838	.0080445	.1359655	-.014558	.0069541	39.92216
#3	.0553606	.0033987	.1347189	-.012349	.0031719	39.98412

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079207	.0014581	.0010539	F 1013.140	.1382903	.0348519
Stddev	.0004709	.0000609	.0001008	11.679	.0009380	.0004486
%RSD	.2264634	4.173062	9.564245	1.152784	.6782982	1.287095

#1	.2083251	.0014317	.0011194	1008.558	.1392694	.0353195
#2	.2080332	.0014149	.0009378	1026.416	.1382019	.0348111
#3	.2074038	.0015277	.0011045	1004.447	.1373996	.0344251

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2303251	95.78804	1.517978	27.40396	.1029233	-.006497
Stddev	.0010710	.09394	.003463	.06045	.0003027	.000105
%RSD	.4649965	.0980747	.2281247	.2205921	.2941328	1.620559

#1	.2302597	95.87062	1.514025	27.37157	.1025782	-.006485
#2	.2292883	95.68583	1.519434	27.36660	.1031439	-.006608
#3	.2314273	95.80766	1.520475	27.47370	.1030479	-.006398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.065164	.2834231	.2342826	1.806814	1.979581	-.055047
Stddev	.220914	.0013358	.0043260	.013396	.007007	.002681
%RSD	2.739117	.4712964	1.846486	.7413951	.3539847	4.869466

#1	8.200634	.2847905	.2295480	1.791970	1.971568	-.054270
#2	8.184617	.2821213	.2352708	1.810470	1.982612	-.058030
#3	7.810242	.2833576	.2380290	1.818002	1.984563	-.052841

Sample Name: K2046-13 Acquired: 03/28/2019 12:44:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198456	4.567399	12.24489	-.001250	2.724655	.0281679
Stddev	.0001513	.023129	.07119	.003343	.011792	.0008722
%RSD	.7626594	.5063870	.5813945	267.4987	.4327832	3.096335

#1	.0200176	4.593608	12.32592	-.001477	2.711761	.0287218
#2	.0197329	4.558744	12.19237	.002201	2.734892	.0286193
#3	.0197862	4.549847	12.21638	-.004473	2.727310	.0271625

Elem	Sr4077
Units	ppm
Avg	10.12268
Stddev	.05201
%RSD	.5138196

#1	10.11023
#2	10.17979
#3	10.07803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.387	3672.884	55750.60	9246.308	3901.678
Stddev	19.809	4.215	494.29	41.304	4.542
%RSD	.7676893	.1147724	.8866036	.4467052	.1164200

#1	2601.720	3676.803	56184.27	9221.772	3897.474
#2	2562.572	3673.423	55212.41	9223.157	3906.496
#3	2576.869	3668.424	55855.10	9293.995	3901.063

Sample Name: K2046-14 Acquired: 03/28/2019 12:48:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542296	.0076768	.1359295	-.007608	.0054918	39.99834
Stddev	.0055250	.0022090	.0010367	.005371	.0013312	.05593
%RSD	10.18824	28.77470	.7627138	70.60184	24.23932	.1398427

#1	.0578230	.0075232	.1351073	-.012519	.0042680	39.94529
#2	.0478676	.0055486	.1355871	-.008433	.0052982	40.05677
#3	.0569982	.0099586	.1370941	-.001872	.0069091	39.99295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2070820	.0015258	.0010646	F 1009.374	.1396894	.0353338
Stddev	.0000923	.0001478	.0001846	7.372	.0002145	.0001199
%RSD	.0445626	9.687020	17.33526	.7303685	.1535679	.3393357

#1	.2071625	.0016349	.0008672	1017.394	.1398268	.0352201
#2	.2069813	.0015849	.0010940	1007.837	.1397993	.0354591
#3	.2071023	.0013576	.0012327	1002.892	.1394422	.0353221

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2341524	95.85775	1.533375	27.61591	.1049372	-.006673
Stddev	.0011564	.03336	.001181	.07801	.0007962	.001082
%RSD	.4938782	.0348034	.0770445	.2824899	.7587355	16.20984

#1	.2328949	95.82481	1.532208	27.56843	.1055613	-.005641
#2	.2343920	95.89152	1.533346	27.57335	.1040405	-.007798
#3	.2351702	95.85692	1.534570	27.70594	.1052096	-.006579

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.009484	.2825875	.2386306	1.830249	2.003683	-.053082
Stddev	.239327	.0023073	.0014712	.014192	.004611	.005552
%RSD	2.988047	.8164963	.6165340	.7754342	.2301396	10.45993

#1	8.139972	.2802695	.2384679	1.817685	1.998457	-.058358
#2	7.733273	.2848840	.2372474	1.827420	2.005407	-.053598
#3	8.155207	.2826089	.2401764	1.845643	2.007183	-.047289

Sample Name: K2046-14 Acquired: 03/28/2019 12:48:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204725	4.612696	12.43154	-.000844	2.760096	.0284168
Stddev	.0011551	.018812	.09691	.004539	.007566	.0008681
%RSD	5.642346	.4078223	.7795766	537.6841	.2741284	3.054793
#1	.0196261	4.628010	12.48413	-.001793	2.757339	.0291783
#2	.0200030	4.591698	12.49078	.004094	2.768654	.0286005
#3	.0217885	4.618381	12.31969	-.004834	2.754294	.0274716

Elem	Sr4077
Units	ppm
Avg	10.12423
Stddev	.03529
%RSD	.3485996
#1	10.08352
#2	10.14636
#3	10.14279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.176	3665.337	55963.20	9305.051	3888.754
Stddev	26.494	15.317	322.25	13.455	5.722
%RSD	1.026034	.4178868	.5758260	.1445978	.1471440
#1	2592.327	3680.806	56249.09	9297.412	3894.924
#2	2602.093	3650.177	56026.52	9297.155	3883.622
#3	2552.107	3665.028	55613.99	9320.587	3887.715

Sample Name: K2021-01 Acquired: 03/28/2019 13:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523243	.0577775	3.683423	-.130971	.0550474	119.5970
Stddev	.0029230	.0045608	.013654	.006518	.0009244	.1432
%RSD	5.586282	7.893779	.3706742	4.976878	1.679342	.1197300

#1	.0516957	.0525736	3.697687	-.133663	.0540970	119.5528
#2	.0555105	.0610799	3.670476	-.123538	.0559434	119.4812
#3	.0497669	.0596790	3.682105	-.135711	.0551018	119.7571

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9553345	.0457515	.0631541	F 1101.556	.8204622	.2248606
Stddev	.0009980	.0003127	.0006717	3.725	.0024929	.0010297
%RSD	.1044620	.6834072	1.063650	.3381790	.3038431	.4579051

#1	.9563283	.0454328	.0639166	1097.286	.8192276	.2252731
#2	.9543324	.0460577	.0626494	1104.141	.8188276	.2236886
#3	.9553429	.0457640	.0628964	1103.241	.8233315	.2256200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.726348	F 939.3453	6.816848	69.18227	1.169904	-.053721
Stddev	.010372	14.5309	.026021	.24492	.002002	.000666
%RSD	.1811258	1.546917	.3817172	.3540169	.1711167	1.238844

#1	5.728375	924.5997	6.788360	68.90718	1.168992	-.054468
#2	5.715112	953.6515	6.822818	69.37664	1.168521	-.053191
#3	5.735556	939.7846	6.839365	69.26299	1.172200	-.053503

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.872216	1.196036	16.92160	6.722327	4.227380	^ *****
Stddev	.049019	.005699	.03567	.049735	.020179	-----
%RSD	.5524951	.4765303	.2108215	.7398487	.4773383	-----

#1	8.838499	1.190547	16.94700	6.761001	4.249961	^ -----
#2	8.849701	1.201925	16.88081	6.739757	4.211114	^ -----
#3	8.928447	1.195636	16.93698	6.666223	4.221064	^ -----

Sample Name: K2021-01 Acquired: 03/28/2019 13:01:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867770	18.47061	11.38189	.4430328	6.109568	.0935365
Stddev	.0011041	.05687	.01957	.0038213	.017604	.0008416
%RSD	.5911605	.3078679	.1719727	.8625289	.2881330	.8998129
#1	.1855671	18.52306	11.36258	.4459833	6.089750	.0938648
#2	.1870336	18.47859	11.38137	.4387162	6.115562	.0925802
#3	.1877302	18.41018	11.40171	.4443989	6.123392	.0941645

Elem	Sr4077
Units	ppm
Avg	6.376872
Stddev	.006351
%RSD	.0996002
#1	6.377909
#2	6.382641
#3	6.370066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.590	3736.449	57496.12	9728.215	3703.423
Stddev	1.081	3.102	152.89	42.201	10.088
%RSD	.0414140	.0830146	.2659153	.4337999	.2724078
#1	2610.746	3736.914	57457.57	9775.211	3692.486
#2	2609.439	3739.291	57366.19	9693.562	3712.364
#3	2611.584	3733.140	57664.60	9715.871	3705.419

Sample Name: K2021-02 Acquired: 03/28/2019 13:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491798	.0569890	3.704772	-.135941	.0540491	119.5954
Stddev	.0076360	.0019282	.003441	.003247	.0031969	.6764
%RSD	15.52664	3.383437	.0928773	2.388354	5.914880	.5655885

#1	.0445025	.0554523	3.700887	-.136919	.0552438	118.9806
#2	.0579915	.0563620	3.707434	-.138586	.0564766	119.4855
#3	.0450455	.0591526	3.705995	-.132318	.0504269	120.3200

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9618928	.0462609	.0644487	F 1102.411	.8311422	.2271175
Stddev	.0059494	.0006025	.0004087	11.262	.0032639	.0006881
%RSD	.6185107	1.302407	.6341286	1.021605	.3926958	.3029602

#1	.9551717	.0456284	.0647493	1091.295	.8302803	.2263370
#2	.9640221	.0463262	.0646136	1102.123	.8283958	.2273787
#3	.9664846	.0468280	.0639834	1113.814	.8347505	.2276366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.677443	F 952.9559	6.842687	69.34990	1.188706	-.052207
Stddev	.029403	8.3541	.052832	.56526	.003251	.000572
%RSD	.5178940	.8766518	.7720899	.8150805	.2734662	1.095146

#1	5.647347	945.5559	6.820298	69.00284	1.185859	-.052867
#2	5.678883	962.0151	6.804737	69.04471	1.188012	-.051870
#3	5.706100	951.2966	6.903027	70.00216	1.192248	-.051885

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.627714	1.201161	17.04468	6.733847	4.249510	^ *****
Stddev	.254630	.013004	.11592	.027458	.020255	-----
%RSD	2.951303	1.082585	.6801059	.4077587	.4766421	-----

#1	8.570841	1.196641	17.17776	6.732905	4.226133	^ -----
#2	8.406329	1.191020	16.99066	6.706872	4.261823	^ -----
#3	8.905971	1.215821	16.96564	6.761763	4.260574	^ -----

Sample Name: K2021-02 Acquired: 03/28/2019 13:05:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1913172	18.41406	11.18660	.4501989	6.117422	.0956997
Stddev	.0010369	.10425	.09956	.0049711	.037299	.0008014
%RSD	.5419775	.5661519	.8899887	1.104211	.6097139	.8374018
#1	.1925139	18.29428	11.12686	.4474502	6.097951	.0956368
#2	.1906866	18.48439	11.13140	.4472090	6.093888	.0949316
#3	.1907510	18.46350	11.30153	.4559374	6.160427	.0965307

Elem	Sr4077
Units	ppm
Avg	6.372322
Stddev	.018926
%RSD	.2969967
#1	6.393650
#2	6.365781
#3	6.357534

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.402	3710.511	56624.69	9643.750	3682.747
Stddev	23.209	6.666	322.70	19.842	4.321
%RSD	.9004859	.1796458	.5698928	.2057479	.1173414
#1	2555.839	3705.082	56485.70	9656.242	3687.568
#2	2574.401	3717.950	56394.77	9654.137	3681.453
#3	2601.965	3708.500	56993.59	9620.871	3679.220

Sample Name: K2021-01LX5 Acquired: 03/28/2019 13:13:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056686	.0135751	.7724132	-.027628	.0109204	24.78172	.1994218
Stddev	.0010132	.0019579	.0293730	.007654	.0007942	.04964	.0006799
%RSD	17.87333	14.42243	3.802755	27.70462	7.272919	.2003065	.3409268

#1	.0045056	.0138290	.7550100	-.019960	.0100790	24.75399	.1989828
#2	.0061405	.0153936	.7559034	-.035269	.0110252	24.75213	.2002049
#3	.0063598	.0115026	.8063263	-.027655	.0116571	24.83902	.1990776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100768	.0123201	242.7483	.1853423	.0446973	1.211430	213.4691
Stddev	.0001965	.0008271	.6881	.0002892	.0017328	.001401	.6290
%RSD	1.950314	6.713716	.2834475	.1560591	3.876707	.1156760	.2946721

#1	.0098997	.0119996	242.9446	.1854266	.0437246	1.209846	213.5619
#2	.0100424	.0117011	241.9834	.1855800	.0436694	1.211934	212.7989
#3	.0102883	.0132595	243.3169	.1850203	.0466979	1.212510	214.0467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.511817	15.10952	.2437292	-.009991	1.353579	.2608971	3.639303
Stddev	.007773	.01588	.0094529	.000164	.117907	.0025206	.018482
%RSD	.5141777	.1050760	3.878443	1.637022	8.710733	.9661389	.5078328

#1	1.512605	15.11350	.2378883	-.009852	1.439710	.2609789	3.660572
#2	1.503680	15.12303	.2386639	-.009949	1.401828	.2583365	3.627161
#3	1.519167	15.09203	.2546352	-.010171	1.219201	.2633758	3.630175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233176	.8428631	-.285946	.0407882	3.645468	2.498058	.0804588
Stddev	.026110	.0297560	.007113	.0019203	.163977	.021888	.0025918
%RSD	2.117322	3.530349	2.487436	4.708082	4.498114	.8762029	3.221323

#1	1.259142	.8217773	-.277998	.0392739	3.554184	2.472792	.0787572
#2	1.233461	.8299120	-.288125	.0401424	3.547448	2.511242	.0791775
#3	1.206924	.8768998	-.291714	.0429481	3.834773	2.510139	.0834418

Sample Name: K2021-01LX5 Acquired: 03/28/2019 13:13:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.317816	.0098187	1.371482
Stddev	.002645	.0027010	.000586
%RSD	.2006808	27.50889	.0427125

#1	1.320726	.0127003	1.371248
#2	1.315558	.0073447	1.372149
#3	1.317166	.0094110	1.371051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.557	3720.338	55289.57	9310.590	4105.233
Stddev	1.408	113.908	226.00	56.272	136.811
%RSD	.0545803	3.061777	.4087509	.6043892	3.332600

#1	2580.516	3767.535	55169.82	9375.314	4166.799
#2	2581.986	3803.062	55550.24	9283.191	4200.443
#3	2579.170	3590.417	55148.64	9273.264	3948.456

Sample Name: K2046-01 Acquired: 03/28/2019 13:17:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068934	.0216969	.3330835	-.030134	.0089468	62.99471	.6013813
Stddev	.0034411	.0022784	.0059598	.002751	.0008691	.09880	.0004589
%RSD	49.91918	10.50124	1.789280	9.130421	9.713980	.1568434	.0763090

#1	.0092085	.0242971	.3269642	-.031596	.0090135	63.05497	.6016657
#2	.0029391	.0207439	.3334165	-.026960	.0080463	62.88068	.6016264
#3	.0085326	.0200496	.3388698	-.031845	.0097806	63.04847	.6008519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031416	.0041598	54.45073	.4207211	.0920124	.7630353	248.6643
Stddev	.0000717	.0000669	.12503	.0011550	.0018923	.0005914	.4087
%RSD	2.281823	1.607409	.2296281	.2745357	2.056595	.0775077	.1643574

#1	.0030644	.0040862	54.32831	.4200427	.0898783	.7629293	248.2514
#2	.0031544	.0041763	54.57822	.4200659	.0934861	.7625041	248.6728
#3	.0032061	.0042169	54.44566	.4220548	.0926726	.7636726	249.0686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408690	25.68845	.1792812	.0538043	2.965203	.5720267	1.278397
Stddev	.006865	.02862	.0030824	.0003558	.301146	.0027801	.011579
%RSD	.2849944	.1114151	1.719300	.6612890	10.15600	.4860170	.9057212

#1	2.400783	25.72047	.1757254	.0538837	2.995397	.5715999	1.271085
#2	2.412160	25.66536	.1809251	.0541136	2.650098	.5749956	1.291746
#3	2.413127	25.67953	.1811932	.0534155	3.250115	.5694847	1.272359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.423313	2.947528	-.353128	.0344339	3.327444	7.519657	.1389258
Stddev	.089026	.046872	.002835	.0013488	.054842	.015323	.0042963
%RSD	2.600582	1.590227	.8029200	3.917079	1.648159	.2037732	3.092510

#1	3.525732	2.895593	-.355337	.0332573	3.267425	7.532156	.1357669
#2	3.379743	2.986689	-.354116	.0341386	3.374943	7.502562	.1438180
#3	3.364463	2.960303	-.349930	.0359059	3.339962	7.524255	.1371926

Sample Name: K2046-01 Acquired: 03/28/2019 13:17:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.944865	.0016952	.4535135
Stddev	.007044	.0011239	.0004155
%RSD	.1184943	66.29830	.0916172

#1	5.936766	.0019506	.4539785
#2	5.949573	.0004656	.4533836
#3	5.948255	.0026693	.4531785

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.844	4025.338	58449.94	9860.730	4352.231
Stddev	7.899	58.212	102.56	21.483	65.846
%RSD	.2872578	1.446139	.1754749	.2178628	1.512916

#1	2754.289	4092.406	58507.40	9854.517	4428.241
#2	2740.724	3995.684	58331.53	9884.634	4315.829
#3	2754.519	3987.925	58510.90	9843.038	4312.625

Sample Name: K2046-02 Acquired: 03/28/2019 13:21:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571482	.0019012	.0876513	-.007128	.0055460	39.77428
Stddev	.0034682	.0026013	.0008314	.004567	.0011451	.16118
%RSD	6.068791	136.8260	.9485095	64.07438	20.64729	.4052300

#1	.0545380	.0013483	.0869993	-.006788	.0068471	39.62685
#2	.0610836	.0047344	.0885875	-.002741	.0046918	39.94637
#3	.0558231	-.000379	.0873670	-.011856	.0050989	39.74962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2351313	.0018043	.0016821	F 1642.829	.1241009	.0289408
Stddev	.0003610	.0000799	.0000420	28.382	.0013276	.0004246
%RSD	.1535291	4.428285	2.496902	1.727648	1.069804	1.467170

#1	.2347145	.0017313	.0017251	1612.605	.1255311	.0289274
#2	.2353372	.0018897	.0016800	1646.968	.1229077	.0293720
#3	.2353424	.0017919	.0016411	1668.915	.1238640	.0285231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1799316	115.2438	1.297808	20.69695	.0418083	-.007442
Stddev	.0013300	.6355	.006337	.15670	.0008983	.000497
%RSD	.7391714	.5514482	.4882993	.7571347	2.148626	6.675368

#1	.1807019	115.0141	1.295519	20.65154	.0419459	-.007575
#2	.1806970	115.9622	1.304972	20.87135	.0426299	-.007859
#3	.1783958	114.7551	1.292933	20.56797	.0408492	-.006892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.95106	.3202712	.2631880	3.028792	1.650114	-.017916
Stddev	.08428	.0018357	.0025604	.044975	.007871	.002551
%RSD	.4972034	.5731701	.9728360	1.484909	.4770106	14.24102

#1	16.88314	.3182797	.2630150	2.977307	1.650389	-.016757
#2	16.92465	.3206383	.2658305	3.048646	1.642109	-.016151
#3	17.04538	.3218956	.2607184	3.060424	1.657844	-.020842

Sample Name: K2046-02 Acquired: 03/28/2019 13:21:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074817	12.41876	5.207384	-.003571	.4069531	.0494566
Stddev	.0008062	.02900	.015970	.001400	.0011170	.0009822
%RSD	10.77520	.2334872	.3066807	39.19766	.2744844	1.986013

#1	.0082799	12.40982	5.190876	-.005164	.4057345	.0505182
#2	.0066678	12.39530	5.222756	-.003016	.4071961	.0485800
#3	.0074975	12.45118	5.208521	-.002534	.4079286	.0492718

Elem	Sr4077
Units	ppm
Avg	19.09006
Stddev	.11586
%RSD	.6069055

#1	18.96673
#2	19.19663
#3	19.10681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.099	3580.925	54197.83	9327.406	3665.716
Stddev	4.724	2.909	251.41	39.148	5.726
%RSD	.1894939	.0812284	.4638759	.4197069	.1562110

#1	2498.530	3583.762	54335.14	9367.438	3672.317
#2	2490.827	3577.950	54350.68	9325.572	3662.088
#3	2489.940	3581.063	53907.66	9289.207	3662.742

Sample Name: K2046-03 Acquired: 03/28/2019 13:26:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339903	.0533624	4.723910	-.131015	.0409837	114.9279
Stddev	.0049375	.0045790	.004413	.009750	.0020850	.3633
%RSD	14.52623	8.580979	.0934238	7.442170	5.087458	.3161387

#1	.0286533	.0516371	4.719909	-.142089	.0385804	114.5180
#2	.0349221	.0498966	4.723177	-.123718	.0423096	115.0553
#3	.0383955	.0585534	4.728643	-.127238	.0420610	115.2104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.401833	.0094757	.0473507	F 1448.683	1.532485	.1655612
Stddev	.002262	.0002322	.0002501	10.925	.004778	.0007296
%RSD	.1613579	2.450569	.5282350	.7541441	.3118121	.4406949

#1	1.400911	.0095065	.0471863	1458.782	1.537282	.1660659
#2	1.404410	.0092296	.0476386	1437.087	1.527726	.1658931
#3	1.400177	.0096910	.0472274	1450.180	1.532448	.1647246

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.202588	F 942.3577	9.210264	63.22285	1.234501	-.047658
Stddev	.005306	3.2222	.078962	.26770	.002586	.000393
%RSD	.1262585	.3419252	.8573307	.4234300	.2094548	.8255564

#1	4.196986	939.0560	9.136589	62.98067	1.237477	-.048100
#2	4.207539	942.5231	9.200582	63.17757	1.232802	-.047528
#3	4.203238	945.4939	9.293621	63.51031	1.233225	-.047347

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.320010	.7529375	18.71034	5.623306	4.474331	^ *****
Stddev	.301633	.0047878	.17326	.079451	.007952	-----
%RSD	5.669781	.6358875	.9259966	1.412888	.1777174	-----

#1	5.279541	.7485542	18.51127	5.532655	4.479026	^ -----
#2	5.040654	.7580469	18.82707	5.656413	4.478817	^ -----
#3	5.639834	.7522113	18.79268	5.680850	4.465150	^ -----

Sample Name: K2046-03 Acquired: 03/28/2019 13:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1547974	16.61739	11.57771	.2518337	10.05132	.0654847
Stddev	.0018268	.03566	.08961	.0023597	.04670	.0034593
%RSD	1.180110	.2146159	.7739558	.9370204	.4646305	5.282592
#1	.1528993	16.57630	11.62182	.2497033	9.99797	.0625120
#2	.1549497	16.64031	11.47460	.2514277	10.08483	.0692817
#3	.1565433	16.63555	11.63670	.2543701	10.07115	.0646605

Elem	Sr4077
Units	ppm
Avg	4.242247
Stddev	.036649
%RSD	.8639002
#1	4.205754
#2	4.241938
#3	4.279050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.137	3608.505	55122.25	9483.001	3597.756
Stddev	17.803	8.012	405.16	50.547	5.386
%RSD	.7117964	.2220251	.7350146	.5330297	.1497154
#1	2520.956	3599.887	55589.84	9505.947	3591.907
#2	2495.956	3615.727	54901.64	9518.005	3602.512
#3	2486.499	3609.900	54875.28	9425.051	3598.848

Sample Name: K2046-04 Acquired: 03/28/2019 13:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539897	.0105355	.9949142	-.025276	.0092042	60.11393
Stddev	.0051340	.0041377	.0026337	.003775	.0005465	.19617
%RSD	9.509226	39.27343	.2647133	14.93525	5.937552	.3263329

#1	.0498917	.0086479	.9919214	-.029543	.0087347	59.93939
#2	.0597486	.0152804	.9959432	-.022372	.0098041	60.07617
#3	.0523289	.0076783	.9968780	-.023912	.0090739	60.32624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4000325	.0031471	.0091284	F 1561.610	.2856012	.0727861
Stddev	.0007606	.0001429	.0001333	2.745	.0010195	.0005703
%RSD	.1901422	4.539239	1.460124	.1758057	.3569789	.7835606

#1	.3997238	.0032728	.0092353	1563.572	.2847495	.0732989
#2	.3994748	.0031768	.0091708	1558.472	.2867309	.0728875
#3	.4008990	.0029918	.0089791	1562.786	.2853233	.0721719

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5994430	223.5869	2.518276	35.32109	.1547255	-.011931
Stddev	.0013132	1.1980	.016276	.13079	.0004583	.000400
%RSD	.2190772	.5357972	.6463100	.3702822	.2961797	3.348611

#1	.5987163	222.3333	2.500154	35.17015	.1543265	-.012284
#2	.5986537	223.7072	2.523027	35.40102	.1552260	-.012013
#3	.6009590	224.7202	2.531648	35.39209	.1546240	-.011497

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.66945	.4559199	2.292075	3.997339	2.447679	-.148093
Stddev	.29396	.0021000	.020156	.065415	.002340	.002996
%RSD	2.150519	.4605968	.8793972	1.636467	.0956103	2.023218

#1	13.51907	.4535076	2.274211	3.925925	2.447094	-.151551
#2	14.00818	.4569130	2.288088	4.054358	2.445687	-.146268
#3	13.48109	.4573391	2.313928	4.011733	2.450257	-.146461

Sample Name: K2046-04 Acquired: 03/28/2019 13:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0402162	19.30850	17.93930	.0413323	3.526317	.0426350
Stddev	.0012738	.06323	.02830	.0027834	.017776	.0015581
%RSD	3.167324	.3274643	.1577683	6.734312	.5040890	3.654575

#1	.0407838	19.24220	17.94315	.0390458	3.507694	.0410713
#2	.0411075	19.31518	17.90926	.0405193	3.528155	.0441875
#3	.0387573	19.36813	17.96548	.0444317	3.543103	.0426461

Elem	Sr4077
Units	ppm
Avg	16.95052
Stddev	.04711
%RSD	.2779138

#1	16.89672
#2	16.97048
#3	16.98437

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.869	3653.676	55217.21	9621.381	3634.574
Stddev	3.601	6.623	57.55	19.465	3.842
%RSD	.1426829	.1812678	.1042279	.2023092	.1057004

#1	2526.490	3646.477	55282.07	9622.564	3631.176
#2	2525.354	3659.510	55172.26	9640.227	3638.742
#3	2519.763	3655.041	55197.30	9601.351	3633.804

Sample Name: K2046-05 Acquired: 03/28/2019 13:34:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778623	.0050526	.1115639	-.006689	.0043530	47.13490
Stddev	.0026594	.0034405	.0013200	.001691	.0027841	.06662
%RSD	3.415485	68.09328	1.183171	25.28544	63.95877	.1413402

#1	.0783008	.0015980	.1122978	-.007865	.0074046	47.21044
#2	.0750109	.0084788	.1100401	-.007451	.0037028	47.08455
#3	.0802752	.0050810	.1123539	-.004751	.0019515	47.10971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1900875	.0019969	.0015970	F 1367.097	.1294200	.0441355
Stddev	.0013758	.0000619	.0001288	21.854	.0004723	.0007464
%RSD	.7237677	3.097822	8.063770	1.598582	.3649155	1.691085

#1	.1913761	.0019783	.0017446	1341.896	.1294499	.0440105
#2	.1886386	.0019465	.0015081	1378.554	.1289335	.0449365
#3	.1902477	.0020660	.0015382	1380.840	.1298766	.0434596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1498606	121.3647	2.107199	27.34426	.0623832	-.006960
Stddev	.0018642	.3081	.007071	.10292	.0004389	.000441
%RSD	1.243950	.2538772	.3355451	.3764008	.7036101	6.341639

#1	.1513790	121.1092	2.102752	27.24771	.0619158	-.007002
#2	.1477800	121.2780	2.103492	27.33251	.0624471	-.006499
#3	.1504228	121.7069	2.115352	27.45255	.0627866	-.007378

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.55867	.2484971	.2655379	4.799627	2.186938	-.015187
Stddev	.26548	.0023517	.0017342	.024599	.002019	.002190
%RSD	2.113946	.9463730	.6530736	.5125262	.0923073	14.41710

#1	12.47456	.2509874	.2674544	4.805636	2.187206	-.012866
#2	12.34544	.2481895	.2650820	4.772580	2.188809	-.015479
#3	12.85602	.2463143	.2640771	4.820665	2.184798	-.017216

Sample Name: K2046-05 Acquired: 03/28/2019 13:34:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259238	26.47846	5.870622	.0012595	.9658077	.0663388
Stddev	.0009505	.06462	.057773	.0017483	.0036643	.0008487
%RSD	3.666516	.2440332	.9841081	138.8036	.3793972	1.279376

#1	.0251614	26.40645	5.806051	.0003251	.9700388	.0673141
#2	.0256212	26.49755	5.888395	.0001770	.9637033	.0657680
#3	.0269887	26.53137	5.917422	.0032764	.9636811	.0659343

Elem	Sr4077
Units	ppm
Avg	18.26317
Stddev	.22069
%RSD	1.208379

#1	18.01095
#2	18.35780
#3	18.42077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.267	3615.082	54295.88	9369.639	3714.814
Stddev	7.046	9.930	341.94	59.531	6.321
%RSD	.2831827	.2746909	.6297640	.6353635	.1701460

#1	2482.918	3609.669	53968.68	9435.482	3712.208
#2	2485.633	3609.036	54268.12	9353.817	3710.212
#3	2496.251	3626.543	54650.86	9319.616	3722.020

Sample Name: CCV057 Acquired: 03/28/2019 13:39:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.053647	4.918272	25.53156	4.898768	4.859199	391.0623
Stddev	.012693	.012201	.01184	.008990	.003382	2.9832
%RSD	.2511628	.2480776	.0463612	.1835082	.0695936	.7628346

#1	5.043292	4.932350	25.51798	4.899255	4.858556	392.9705
#2	5.049842	4.910752	25.53968	4.889545	4.856186	387.6246
#3	5.067808	4.911715	25.53703	4.907505	4.862857	392.5918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.953636	.4591587	2.493498	409.6304	15.05802	2.517897
Stddev	.015437	.0018602	.001311	1.5156	.01074	.004280
%RSD	.1550898	.4051417	.0525784	.3699860	.0713280	.1699786

#1	9.963715	.4611543	2.494712	408.1671	15.06931	2.518240
#2	9.935864	.4588491	2.492108	409.5308	15.05683	2.513457
#3	9.961330	.4574727	2.493675	411.1933	15.04792	2.521996

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97723	408.9611	14.71019	395.4401	2.470399	1.289452
Stddev	.01684	.4675	.04470	.9231	.003729	.002938
%RSD	.1124364	.1143072	.3038987	.2334373	.1509290	.2278456

#1	14.95793	408.4350	14.66025	394.3742	2.472307	1.290623
#2	14.98897	409.1195	14.72385	395.9770	2.466103	1.291623
#3	14.98478	409.3287	14.74647	395.9692	2.472788	1.286109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.0939	2.384345	16.39988	148.9830	5.102118	F 4.427509
Stddev	1.0377	.004584	.09828	.2674	.026409	.017160
%RSD	.2568019	.1922695	.5992459	.1795134	.5176077	.3875757

#1	403.2859	2.385545	16.29711	148.6971	5.121997	4.445476
#2	403.7316	2.388211	16.40960	149.2271	5.072152	4.425759
#3	405.2642	2.379281	16.49294	149.0247	5.112204	4.411290

Sample Name: CCV057 Acquired: 03/28/2019 13:39:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792789	5.231541	4.782890	4.803720	5.012899	4.842593
Stddev	.004644	.013079	.022366	.002914	.017663	.015306
%RSD	.0968872	.2500091	.4676155	.0606548	.3523608	.3160724
#1	4.790225	5.217593	4.804261	4.807077	4.993421	4.835408
#2	4.789993	5.233499	4.784763	4.801852	5.017398	4.832201
#3	4.798149	5.243531	4.759648	4.802231	5.027877	4.860170

Elem	Sr4077
Units	ppm
Avg	5.027476
Stddev	.003961
%RSD	.0787776
#1	5.028260
#2	5.023182
#3	5.030985

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.970	3331.766	51604.42	8908.151	3542.910
Stddev	3.413	2.674	88.78	28.539	2.073
%RSD	.1485962	.0802640	.1720414	.3203689	.0585116
#1	2300.649	3328.717	51694.64	8877.599	3540.526
#2	2293.907	3333.712	51601.49	8912.730	3543.916
#3	2296.353	3332.869	51517.15	8934.123	3544.288

Sample Name: CCB057 Acquired: 03/28/2019 13:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006430	-.002030	.0008384	.0026121	-.002731	-.001121	-.004291
Stddev	.002071	.001324	.0008601	.0003373	.000737	.006761	.000601
%RSD	32.20322	65.18571	102.5906	12.91381	26.97845	603.1659	13.99426

#1	-.008718	-.002914	.0000652	.0029242	-.003141	-.008815	-.004984
#2	-.005884	-.000509	.0017648	.0026580	-.001880	.003870	-.003907
#3	-.004687	-.002669	.0006851	.0022542	-.003171	.001582	-.003984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.000054	.0372254	.0011703	.0003191	.0064065	.0430758
Stddev	.0001411	.000010	.0070627	.0002849	.0002366	.0013243	.0026919
%RSD	379.7370	18.24916	18.97287	24.34620	74.12188	20.67142	6.249123

#1	-.000116	-.000063	.0293299	.0014796	.0005815	.0066851	.0437042
#2	.000161	-.000043	.0429416	.0009185	.0001221	.0075693	.0453978
#3	.000066	-.000057	.0394046	.0011126	.0002538	.0049650	.0401253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018869	-.001700	-.000278	.0006275	-.126020	.0019113	.0019462
Stddev	.0002106	.018275	.000462	.0008227	.125915	.0011883	.0018656
%RSD	11.16232	1074.768	166.2996	131.1020	99.91670	62.17190	95.85871

#1	.0016444	.013772	-.000810	-.000212	.006304	.0026437	.0034606
#2	.0020242	-.021863	.000005	.001433	-.244359	.0025499	.0025157
#3	.0019920	.002990	-.000028	.000662	-.140006	.0005402	-.000138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099201	-.002086	.0007385	-.000284	-.001307	-.012958	-.004462
Stddev	.0323863	.001375	.0004536	.000134	.003471	.001668	.001792
%RSD	29.46347	65.92947	61.41980	47.31219	265.6517	12.87055	40.15436

#1	.1438527	-.002846	.0012413	-.000247	.000893	-.011718	-.002408
#2	.0793411	-.002914	.0003601	-.000433	.000495	-.014854	-.005275
#3	.1065665	-.000498	.0006141	-.000172	-.005308	-.012303	-.005703

Sample Name: CCB057 Acquired: 03/28/2019 13:43:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001798	-.002714	.0002539
Stddev	.0011451	.002198	.0001339
%RSD	637.0761	80.99845	52.74426

#1	-.000803	-.000367	.0001803
#2	.001437	-.003051	.0001729
#3	-.000095	-.004723	.0004084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.797	3866.725	54915.06	9250.621	4404.349
Stddev	12.859	.882	192.97	33.302	.630
%RSD	.4923304	.0228117	.3513883	.3600020	.0142969

#1	2604.271	3865.720	54692.25	9288.972	4403.859
#2	2604.476	3867.371	55024.07	9233.884	4405.059
#3	2626.645	3867.084	55028.84	9229.006	4404.129

Sample Name: K2046-06 Acquired: 03/28/2019 13:47:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479687	.0268179	1.436969	-.080601	.0185376	137.5842	2.328624
Stddev	.0059430	.0008297	.000954	.003745	.0040523	.3678	.006028
%RSD	12.38925	3.093973	.0664213	4.646670	21.85986	.2673535	.2588559

#1	.0415540	.0262144	1.437019	-.077145	.0195760	138.0081	2.334861
#2	.0532873	.0277641	1.437898	-.080078	.0140672	137.3962	2.322830
#3	.0490648	.0264752	1.435991	-.084580	.0219697	137.3484	2.328183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080927	.0227116	748.8492	1.202194	.2377618	1.447016	603.1401
Stddev	.0000138	.0001386	3.9207	.004032	.0006220	.002196	1.4701
%RSD	.1707046	.6103675	.5235694	.3353577	.2616149	.1517372	.2437415

#1	.0081028	.0227485	752.7455	1.197801	.2370934	1.444992	604.8051
#2	.0080984	.0225583	748.8978	1.205725	.2378682	1.449350	602.5941
#3	.0080770	.0228281	744.9044	1.203054	.2383237	1.446706	602.0211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.37896	50.65812	.5503665	-.026511	2.054677	.8178608	6.811741
Stddev	.09316	.14134	.0014004	.000863	.150868	.0044325	.019461
%RSD	.3402679	.2790156	.2544503	3.255352	7.342684	.5419596	.2856990

#1	27.47323	50.82070	.5490787	-.026561	1.918877	.8220364	6.790916
#2	27.37672	50.58930	.5518574	-.027348	2.028077	.8183364	6.829466
#3	27.28695	50.56438	.5501635	-.025624	2.217076	.8132098	6.814841

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.64220	2.833099	-.908300	.0483821	5.322739	7.126914	.0754617
Stddev	.05345	.008368	.026624	.0007322	.011824	.046613	.0010035
%RSD	.3211432	.2953644	2.931157	1.513435	.2221408	.6540442	1.329814

#1	16.66439	2.830136	-.938840	.0476183	5.319595	7.177917	.0766201
#2	16.58123	2.826615	-.889977	.0484502	5.312805	7.086520	.0748583
#3	16.68097	2.842545	-.896083	.0490780	5.335817	7.116305	.0749067

Sample Name: K2046-06 Acquired: 03/28/2019 13:47:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.461638	.1282048	1.780922
Stddev	.002115	.0008165	.001533
%RSD	.1447208	.6368393	.0860675

#1	1.461475	.1272749	1.782637
#2	1.463830	.1285354	1.779685
#3	1.459609	.1288042	1.780443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.625	4026.520	60693.50	10485.08	3763.044
Stddev	8.864	5.566	223.48	9.80	3.673
%RSD	.3187658	.1382454	.3682140	.0934835	.0976008

#1	2790.593	4020.157	60950.53	10479.20	3758.983
#2	2777.653	4028.915	60584.93	10496.40	3764.018
#3	2773.630	4030.489	60545.05	10479.65	3766.132

Sample Name: K2046-07 Acquired: 03/28/2019 13:51:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333623	.0212375	1.409794	-.043575	.0149345	53.19994	.4945601
Stddev	.0012950	.0016121	.004625	.000816	.0024146	.05221	.0012993
%RSD	3.881726	7.590584	.3280863	1.872690	16.16777	.0981425	.2627139

#1	.0345871	.0199014	1.413624	-.044066	.0172712	53.14772	.4958116
#2	.0320069	.0207832	1.411103	-.044025	.0124489	53.25214	.4946509
#3	.0334930	.0230280	1.404655	-.042633	.0150835	53.19997	.4932178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049976	.0124245	498.7960	.3003643	.0825451	1.175141	367.6157
Stddev	.0001930	.0001031	1.8339	.0011775	.0004844	.004547	.8716
%RSD	3.860834	.8300626	.3676719	.3920076	.5868136	.3869406	.2370856

#1	.0050546	.0123151	498.8274	.3007488	.0824141	1.170077	367.5516
#2	.0047826	.0124383	500.6139	.3013015	.0830815	1.176475	368.5176
#3	.0051556	.0125200	496.9465	.2990427	.0821397	1.178873	366.7780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.014237	19.19558	.4603722	-.017378	1.653029	.4504121	4.730861
Stddev	.012123	.12954	.0007901	.000563	.276019	.0037796	.031140
%RSD	.3019944	.6748184	.1716322	3.237381	16.69776	.8391482	.6582319

#1	4.015291	19.17935	.4608850	-.016830	1.611893	.4545252	4.752348
#2	4.025799	19.33246	.4607694	-.017348	1.947307	.4470917	4.745086
#3	4.001622	19.07492	.4594623	-.017954	1.399886	.4496193	4.695149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873009	1.346458	-.546382	.0492346	3.947827	7.148283	.0802255
Stddev	.055653	.003577	.010681	.0001481	.018411	.033275	.0007662
%RSD	1.142058	.2656603	1.954932	.3007554	.4663691	.4654953	.9550634

#1	4.884725	1.342893	-.554434	.0491278	3.940674	7.143734	.0797880
#2	4.812431	1.350047	-.534265	.0491724	3.968741	7.117517	.0797783
#3	4.921871	1.346433	-.550446	.0494037	3.934065	7.183599	.0811102

Sample Name: K2046-07 Acquired: 03/28/2019 13:51:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.018317	.0262511	2.462689
Stddev	.005633	.0012601	.001915
%RSD	.5531853	4.800258	.0777419

#1	1.021104	.0273688	2.464896
#2	1.022013	.0264991	2.461465
#3	1.011833	.0248854	2.461707

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.247	3796.454	56371.11	9696.322	3994.807
Stddev	19.073	4.485	371.53	24.641	4.309
%RSD	.7337919	.1181469	.6590875	.2541297	.1078649

#1	2584.820	3799.414	56186.33	9702.973	3999.437
#2	2592.049	3798.655	56128.20	9669.038	3990.914
#3	2620.872	3791.293	56798.81	9716.955	3994.071

Sample Name: K2046-08 Acquired: 03/28/2019 13:55:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221030	.0171553	.8704384	-.033292	.0154798	49.48217
Stddev	.0025367	.0018361	.0013968	.001674	.0026519	.11531
%RSD	11.47649	10.70253	.1604719	5.029054	17.13162	.2330389

#1	.0249854	.0191301	.8693870	-.034876	.0127142	49.37239
#2	.0202109	.0168358	.8720233	-.033461	.0157239	49.47180
#3	.0211127	.0155000	.8699048	-.031540	.0180012	49.60232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4161025	.0034378	.0101852	F 1293.296	.3294370	.0575946
Stddev	.0004190	.0001488	.0001126	17.566	.0023406	.0003985
%RSD	.1006911	4.328879	1.105299	1.358271	.7104744	.6918309

#1	.4165861	.0033147	.0102913	1275.943	.3268851	.0575181
#2	.4158713	.0036032	.0101973	1292.876	.3299424	.0572398
#3	.4158500	.0033955	.0100671	1311.068	.3314837	.0580257

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8980952	303.6693	2.693383	22.22383	.2521093	-.016667
Stddev	.0055198	1.7262	.025488	.19883	.0009459	.000769
%RSD	.6146113	.5684451	.9463363	.8946652	.3751728	4.613343

#1	.8919576	301.8842	2.666050	21.99677	.2531942	-.017205
#2	.9026526	303.7939	2.697599	22.30792	.2516756	-.015787
#3	.8996753	305.3298	2.716502	22.36680	.2514580	-.017011

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.675855	.3699679	3.729424	3.872783	1.496068	-.386143
Stddev	.055819	.0033208	.031161	.077308	.002397	.001863
%RSD	.7272009	.8976002	.8355369	1.996188	.1602343	.4825619

#1	7.643285	.3699556	3.753798	3.783579	1.498373	-.383992
#2	7.643972	.3666533	3.694315	3.914468	1.493588	-.387237
#3	7.740308	.3732949	3.740157	3.920302	1.496244	-.387202

Sample Name: K2046-08 Acquired: 03/28/2019 13:55:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676192	22.01217	7.521923	.0432606	1.205213	.0389572
Stddev	.0005522	.05570	.055677	.0000720	.008162	.0005349
%RSD	.8165826	.2530430	.7401959	.1663668	.6772345	1.373080
#1	.0682153	22.06374	7.459303	.0431952	1.197088	.0385873
#2	.0675171	21.95310	7.565842	.0433377	1.205141	.0395705
#3	.0671252	22.01968	7.540623	.0432489	1.213411	.0387137

Elem	Sr4077
Units	ppm
Avg	13.25532
Stddev	.07223
%RSD	.5448960
#1	13.19721
#2	13.33619
#3	13.23257

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.691	3567.747	53878.38	9314.936	3705.811
Stddev	18.068	7.787	369.11	16.603	11.915
%RSD	.7286465	.2182473	.6850710	.1782441	.3215142
#1	2461.096	3559.104	53520.67	9333.814	3692.073
#2	2497.181	3569.925	54257.91	9308.394	3712.050
#3	2480.798	3574.213	53856.56	9302.601	3713.311

Sample Name: K2046-09 Acquired: 03/28/2019 13:59:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006553	.0538177	.1394467	-.055502	.0136265	290.5978	.9289794
Stddev	.005438	.0011770	.0013761	.001477	.0026737	.3588	.0012178
%RSD	82.99635	2.187081	.9868273	2.661607	19.62120	.1234622	.1310869

#1	-.007878	.0528938	.1391970	-.053801	.0105425	290.3343	.9297022
#2	-.000574	.0551429	.1409305	-.056241	.0152907	290.4528	.9275735
#3	-.011206	.0534164	.1382124	-.056465	.0150465	291.0064	.9296626

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070354	.0086297	388.1742	.9086075	.2867773	1.957958	471.2888
Stddev	.0001040	.0002735	1.3733	.0004426	.0002827	.003849	.5042
%RSD	1.478753	3.169422	.3537750	.0487156	.0985672	.1965857	.1069892

#1	.0069856	.0083140	386.5989	.9083658	.2865383	1.958046	470.7450
#2	.0069657	.0087812	388.8050	.9083384	.2867042	1.954066	471.7409
#3	.0071550	.0087940	389.1188	.9091184	.2870893	1.961763	471.3804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.629866	203.0587	.6912781	-.023851	7.269545	1.505310	.9481648
Stddev	.025952	.4399	.0010850	.000578	.243454	.003277	.0087233
%RSD	.2694979	.2166462	.1569528	2.421507	3.348964	.2176643	.9200175

#1	9.599967	202.5653	.6909258	-.023518	7.092327	1.501529	.9386526
#2	9.643069	203.2009	.6904130	-.023517	7.169167	1.507323	.9557905
#3	9.646562	203.4100	.6924954	-.024518	7.547139	1.507078	.9500513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.867039	6.518232	-.790353	.0502348	2.999418	13.29778	-.011035
Stddev	.035487	.019956	.009387	.0005410	.007510	.04885	.004140
%RSD	.9176918	.3061548	1.187641	1.077030	.2503824	.3673438	37.51560

#1	3.867521	6.526351	-.797466	.0500170	2.993338	13.34213	-.013265
#2	3.831312	6.495496	-.779714	.0498365	2.997103	13.24542	-.006258
#3	3.902283	6.532849	-.793879	.0508508	3.007813	13.30580	-.013582

Sample Name: K2046-09 Acquired: 03/28/2019 13:59:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	28.37291	.0919452	.8214162
Stddev	.07561	.0013380	.0001049
%RSD	.2664992	1.455200	.0127743

#1	28.29102	.0928300	.8215197
#2	28.38764	.0904059	.8214191
#3	28.44008	.0925997	.8213099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.174	3967.324	59021.25	10345.32	3786.471
Stddev	5.173	17.061	25.07	21.47	14.518
%RSD	.1899056	.4300426	.0424693	.2075107	.3834224

#1	2729.147	3964.365	58996.78	10320.67	3793.172
#2	2718.821	3985.671	59020.09	10359.89	3796.429
#3	2724.555	3951.936	59046.87	10355.41	3769.813

Sample Name: K2046-10 Acquired: 03/28/2019 14:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593497	.0145513	.2413756	-.022931	.0100992	94.68341
Stddev	.0082557	.0029616	.0016002	.002975	.0025352	.02648
%RSD	13.91036	20.35267	.6629503	12.97152	25.10251	.0279710

#1	.0535179	.0117078	.2395457	-.022662	.0126779	94.71383
#2	.0557349	.0143278	.2420689	-.020100	.0076100	94.67086
#3	.0687963	.0176183	.2425123	-.026031	.0100098	94.66552

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3208737	.0033515	.0051541	F 2043.125	.2949786	.1110122
Stddev	.0001654	.0000236	.0001198	17.816	.0007942	.0002117
%RSD	.0515463	.7044446	2.324225	.8719872	.2692307	.1907397

#1	.3208969	.0033248	.0052526	2040.138	.2951440	.1109424
#2	.3206980	.0033600	.0050207	2062.246	.2956771	.1112500
#3	.3210264	.0033696	.0051889	2026.992	.2941147	.1108441

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5636725	200.3573	3.415716	82.14208	.2943900	-.011337
Stddev	.0021391	.5392	.010064	.27091	.0013649	.000178
%RSD	.3794843	.2691037	.2946365	.3298038	.4636520	1.569006

#1	.5616157	200.4162	3.415755	82.06651	.2944327	-.011495
#2	.5658853	200.8646	3.425760	82.44275	.2930042	-.011144
#3	.5635164	199.7911	3.405632	81.91699	.2957331	-.011372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.98531	.5734863	.4207699	3.151988	6.512541	-.174055
Stddev	.02210	.0007144	.0043688	.041991	.007930	.006473
%RSD	.1844039	.1245775	1.038282	1.332212	.1217623	3.718957

#1	12.00207	.5740163	.4225527	3.141280	6.517643	-.175027
#2	11.99359	.5726738	.4157916	3.116387	6.503405	-.179987
#3	11.96026	.5737687	.4239653	3.198296	6.516574	-.167151

Sample Name: K2046-10 Acquired: 03/28/2019 14:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094073	11.78150	16.65549	-.003011	8.386768	.0575927
Stddev	.0002699	.02580	.19470	.002575	.014936	.0011952
%RSD	2.868988	.2189968	1.169004	85.50180	.1780928	2.075193

#1	.0094494	11.75877	16.64928	-.000073	8.391186	.0585536
#2	.0096536	11.77619	16.85323	-.004872	8.398997	.0562544
#3	.0091188	11.80954	16.46397	-.004089	8.370121	.0579700

Elem	Sr4077
Units	ppm
Avg	17.61380
Stddev	.16908
%RSD	.9599228

#1	17.48957
#2	17.80635
#3	17.54547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.960	3652.339	55185.06	9733.230	3469.920
Stddev	11.194	13.102	206.93	87.191	7.288
%RSD	.4447370	.3587383	.3749756	.8958111	.2100369

#1	2519.806	3638.002	55421.52	9745.008	3464.028
#2	2526.456	3663.691	55096.61	9640.748	3478.070
#3	2504.618	3655.323	55037.06	9813.933	3467.661

Sample Name: K2046-11 Acquired: 03/28/2019 14:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879417	.0058115	.9175305	-.012379	.0084350	51.82907
Stddev	.0070082	.0062410	.0086686	.001834	.0021963	.08673
%RSD	7.969166	107.3908	.9447729	14.81787	26.03816	.1673305

#1	.0812588	-.001382	.9153738	-.010668	.0059861	51.83526
#2	.0952353	.009783	.9270738	-.014316	.0090888	51.91253
#3	.0873308	.009033	.9101438	-.012153	.0102303	51.73941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2393253	.0024347	.0061412	F 2310.178	.1686584	.0608354
Stddev	.0017751	.0001590	.0001123	27.776	.0155477	.0003916
%RSD	.7416942	6.530889	1.829198	1.202341	9.218467	.6437536

#1	.2400016	.0023075	.0060910	2337.003	.1783955	.0605726
#2	.2406628	.0026130	.0062699	2281.539	.1768521	.0612855
#3	.2373115	.0023837	.0060627	2311.991	.1507275	.0606481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3972960	143.1266	3.068149	42.72570	.1019526	-.007667
Stddev	.0021127	.7224	.027034	.35364	.0000346	.001483
%RSD	.5317703	.5047555	.8811307	.8276941	.0338912	19.34700

#1	.3979328	143.1694	3.070105	42.65977	.1019913	-.008719
#2	.3990171	142.3838	3.040190	42.40966	.1019413	-.008313
#3	.3949381	143.8267	3.094152	43.10766	.1019250	-.005971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.89057	.4057808	.4899702	2.198844	2.656096	-.044826
Stddev	.21465	.0022134	.0332411	.026144	.011473	.011040
%RSD	1.805189	.5454716	6.784307	1.188985	.4319370	24.62793

#1	11.80987	.4059657	.5077765	2.173027	2.657372	-.053601
#2	11.72797	.4034807	.5105149	2.198203	2.666877	-.048447
#3	12.13387	.4078959	.4516193	2.225303	2.644039	-.032431

Sample Name: K2046-11 Acquired: 03/28/2019 14:07:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364561	33.62792	8.110279	.0007990	2.831721	.0433280
Stddev	.0006149	.22027	.127875	.0009418	.009306	.0009762
%RSD	1.686831	.6550297	1.576699	117.8724	.3286232	2.252959
#1	.0366285	33.46881	8.221465	.0005600	2.839329	.0437814
#2	.0357734	33.87932	8.138830	.0018372	2.821345	.0439950
#3	.0369665	33.53561	7.970542	-.000000	2.834489	.0422076

Elem	Sr4077
Units	ppm
Avg	18.14599
Stddev	.19286
%RSD	1.062841
#1	18.32824
#2	17.94403
#3	18.16571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.572	3572.090	56054.01	9508.984	3467.090
Stddev	171.201	5.753	3699.71	36.281	6.303
%RSD	6.634215	.1610429	6.600250	.3815471	.1818053
#1	2494.897	3565.934	53872.94	9481.454	3462.452
#2	2469.123	3573.007	53963.35	9550.097	3464.551
#3	2777.697	3577.330	60325.74	9495.401	3474.267

Sample Name: K2046-12 Acquired: 03/28/2019 14:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385623	.0017640	.1212131	-.003513	.0028137	37.13897
Stddev	.0052460	.0025725	.0022867	.006414	.0019600	.07890
%RSD	13.60394	145.8325	1.886513	182.5845	69.65922	.2124406

#1	.0421093	-.000675	.1229079	.003879	.0027631	37.22913
#2	.0325362	.004452	.1186122	-.007607	.0008795	37.08257
#3	.0410414	.001516	.1221192	-.006810	.0047986	37.10521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2508196	.0014583	.0011957	F 1291.278	.0915448	.0270236
Stddev	.0003319	.0001579	.0000397	14.036	.0013106	.0000965
%RSD	.1323290	10.82910	3.320996	1.087006	1.431604	.3570748

#1	.2504453	.0015604	.0012191	1303.633	.0923021	.0271051
#2	.2510779	.0015382	.0011499	1294.185	.0900315	.0269171
#3	.2509356	.0012764	.0012183	1276.016	.0923008	.0270487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1110235	75.43002	1.563444	18.54628	.0396213	-.004300
Stddev	.0007046	.31835	.006271	.04263	.0005845	.000356
%RSD	.6346285	.4220497	.4010932	.2298516	1.475122	8.275017

#1	.1111641	75.79584	1.570362	18.53898	.0390077	-.003890
#2	.1116472	75.27843	1.561835	18.59208	.0401715	-.004521
#3	.1102592	75.21580	1.558133	18.50777	.0396848	-.004490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.295628	.1961097	.1580286	2.366360	.9615700	-.001817
Stddev	.076223	.0013639	.0035656	.044650	.0045328	.003762
%RSD	.8199846	.6954791	2.256311	1.886876	.4713991	207.0877

#1	9.214911	.1975951	.1552281	2.402115	.9667544	-.003619
#2	9.305599	.1949138	.1568151	2.316314	.9583548	-.004338
#3	9.366375	.1958200	.1620426	2.380651	.9596008	.002507

Sample Name: K2046-12 Acquired: 03/28/2019 14:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086026	5.876046	7.774059	-.003133	.3131632	.0308847
Stddev	.0004463	.011276	.075209	.003783	.0006485	.0011200
%RSD	5.187574	.1919055	.9674311	120.7577	.2070881	3.626445
#1	.0085072	5.884950	7.860487	.001236	.3134608	.0303589
#2	.0090888	5.879822	7.738185	-.005322	.3124193	.0321709
#3	.0082117	5.863366	7.723503	-.005312	.3136095	.0301244

Elem	Sr4077
Units	ppm
Avg	15.16918
Stddev	.12933
%RSD	.8526008
#1	15.31722
#2	15.07810
#3	15.11224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.335	3630.869	54625.46	9456.974	3748.659
Stddev	37.787	1.348	846.60	57.726	4.958
%RSD	1.498690	.0371277	1.549828	.6104076	.1322603
#1	2534.344	3631.113	54670.32	9390.774	3743.514
#2	2550.899	3629.416	55448.73	9483.332	3753.406
#3	2478.762	3632.079	53757.32	9496.816	3749.057

Sample Name: K2046-16 Acquired: 03/28/2019 14:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315553	.0014747	.0443265	-.004226	.0022090	19.92273
Stddev	.0020388	.0014751	.0016616	.000608	.0011150	.02765
%RSD	6.461071	100.0290	3.748549	14.38918	50.47441	.1387742

#1	.0305619	.0001231	.0455042	-.004044	.0034590	19.89115
#2	.0339004	.0030482	.0424259	-.003729	.0013170	19.94258
#3	.0302036	.0012527	.0450494	-.004904	.0018511	19.93445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922138	.0009372	.0006262	F 1002.995	.0679534	.0164523
Stddev	.0005876	.0000776	.0001362	10.187	.0003782	.0008773
%RSD	.6372539	8.276990	21.74207	1.015693	.5564931	5.332615

#1	.0918085	.0008531	.0004895	998.068	.0675862	.0158442
#2	.0928878	.0010061	.0007618	1014.709	.0683416	.0160546
#3	.0919453	.0009523	.0006272	996.208	.0679323	.0174580

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823612	51.20054	.6825058	12.47624	.0446695	-.003100
Stddev	.0012330	.23696	.0057815	.03399	.0010536	.000609
%RSD	1.497004	.4627998	.8470946	.2724507	2.358717	19.65437

#1	.0811504	51.23711	.6839490	12.49986	.0434560	-.003796
#2	.0836152	51.41709	.6874290	12.49158	.0452004	-.002842
#3	.0823181	50.94743	.6761395	12.43728	.0453520	-.002663

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.456895	.1495896	.0871548	.7449060	.9637388	.0222237
Stddev	.193274	.0022439	.0019686	.0679645	.0189895	.0024104
%RSD	2.591879	1.500047	2.258749	9.123900	1.970394	10.84588

#1	7.444962	.1510992	.0894101	.7979256	.9446491	.0217405
#2	7.269864	.1470111	.0862733	.6682877	.9639410	.0248391
#3	7.655858	.1506586	.0857809	.7685048	.9826264	.0200916

Sample Name: K2046-16 Acquired: 03/28/2019 14:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124895	8.955885	11.78237	-.008513	1.134983	.0071772
Stddev	.0010205	.134446	.00952	.000466	.002413	.0022014
%RSD	8.170628	1.501197	.0807660	5.477115	.2125827	30.67212
#1	.0119764	8.805803	11.78207	-.009051	1.134145	.0057724
#2	.0118274	8.996543	11.79204	-.008257	1.137703	.0097143
#3	.0136647	9.065309	11.77301	-.008231	1.133101	.0060450

Elem	Sr4077
Units	ppm
Avg	12.50288
Stddev	.07612
%RSD	.6088380
#1	12.41765
#2	12.56412
#3	12.52687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.385	3834.153	56022.97	9769.293	3944.075
Stddev	3.556	35.664	176.06	17.042	46.485
%RSD	.1377530	.9301749	.3142573	.1744420	1.178598
#1	2585.473	3874.873	55877.24	9762.065	3997.610
#2	2579.011	3808.469	55973.10	9757.056	3920.674
#3	2579.669	3819.117	56218.59	9788.757	3913.941

Sample Name: K2021-04 Acquired: 03/28/2019 14:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1299449	.0118534	.1096240	-.029011	.0078045	91.74277
Stddev	.0069530	.0032087	.0012508	.002745	.0020817	.19972
%RSD	5.350721	27.06968	1.141007	9.461545	26.67346	.2176906

#1	.1253636	.0113534	.1100768	-.030464	.0074873	91.70074
#2	.1265255	.0152828	.1082098	-.030725	.0058995	91.96016
#3	.1379454	.0089241	.1105853	-.025846	.0100266	91.56742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2695760	.0044716	.0041908	F 928.5931	.3199575	.0958772
Stddev	.0012430	.0001023	.0000928	16.9154	.0005026	.0002160
%RSD	.4610960	2.286882	2.213463	1.821620	.1570667	.2252525

#1	.2693153	.0045027	.0040896	944.6975	.3205240	.0960179
#2	.2709287	.0045547	.0042112	930.1127	.3195654	.0956285
#3	.2684840	.0043574	.0042717	910.9692	.3197831	.0959850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3051497	240.4510	4.235363	66.27579	.1287311	-.012540
Stddev	.0007971	1.2348	.030104	.52971	.0009505	.000209
%RSD	.2612224	.5135445	.7107674	.7992543	.7383512	1.668250

#1	.3058575	241.7733	4.267181	66.87864	.1276410	-.012771
#2	.3053054	239.3279	4.207331	65.88481	.1293868	-.012363
#3	.3042862	240.2518	4.231578	66.06391	.1291654	-.012486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.44237	.5168456	.4949196	8.624372	2.847230	-.199760
Stddev	.03044	.0035405	.0061618	.048995	.012095	.004930
%RSD	.1151280	.6850280	1.245014	.5680989	.4247968	2.468187

#1	26.46270	.5138362	.4892170	8.605433	2.856440	-.200409
#2	26.40737	.5207468	.5014558	8.680010	2.833533	-.204334
#3	26.45704	.5159539	.4940862	8.587674	2.851717	-.194538

Sample Name: K2021-04 Acquired: 03/28/2019 14:20:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070167	63.63047	23.91130	.0054701	2.267920	.1129648
Stddev	.0007034	.13360	.17564	.0035098	.007635	.0023253
%RSD	10.02493	.2099616	.7345345	64.16308	.3366510	2.058469

#1	.0068041	63.78406	24.09537	.0015568	2.276483	.1144260
#2	.0064442	63.56618	23.89299	.0065140	2.265455	.1102834
#3	.0078019	63.54117	23.74554	.0083395	2.261823	.1141851

Elem	Sr4077
Units	ppm
Avg	6.590521
Stddev	.078137
%RSD	1.185594

#1	6.666726
#2	6.510586
#3	6.594250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2686.190	3912.098	58320.28	10316.27	3803.587
Stddev	8.997	5.360	147.73	83.22	8.785
%RSD	.3349188	.1370047	.2533026	.8066849	.2309559

#1	2689.948	3918.279	58187.26	10220.74	3813.599
#2	2675.924	3908.736	58479.27	10355.01	3797.167
#3	2692.699	3909.280	58294.32	10373.05	3799.997

Sample Name: K2021-05 Acquired: 03/28/2019 14:24:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1741308	.0184286	.1228433	-.017984	.0058905	79.50204	.1716016
Stddev	.0059336	.0027338	.0013498	.005067	.0024980	.31033	.0012203
%RSD	3.407556	14.83457	1.098823	28.17339	42.40617	.3903472	.7111179

#1	.1792628	.0179069	.1216440	-.012304	.0052958	79.31742	.1702134
#2	.1754960	.0159933	.1225809	-.019612	.0037436	79.32837	.1725050
#3	.1676335	.0213857	.1243051	-.022037	.0086322	79.86032	.1720863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039699	.0036277	709.8579	.2910405	.0767717	.2955530	223.3878
Stddev	.0000592	.0000079	6.8834	.0011244	.0002812	.0013539	.9400
%RSD	1.489848	.2189741	.9696867	.3863338	.3663241	.4580904	.4207882

#1	.0040071	.0036186	715.9127	.2898533	.0769351	.2948609	223.3856
#2	.0040010	.0036317	702.3712	.2911788	.0764470	.2946850	222.4490
#3	.0039017	.0036329	711.2899	.2920893	.0769331	.2971130	224.3289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.931010	56.51600	.1187460	-.011206	44.60419	.5995821	.4440065
Stddev	.011085	.24738	.0003475	.000146	.42034	.0019240	.0039680
%RSD	.3781856	.4377137	.2926355	1.305814	.9423669	.3208895	.8936826

#1	2.935923	56.56957	.1190001	-.011070	44.99549	.6007827	.4394329
#2	2.918318	56.24623	.1183500	-.011361	44.15985	.5973629	.4465327
#3	2.938790	56.73221	.1188879	-.011188	44.65723	.6006006	.4460538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.909529	2.216833	.0865647	.2093880	170.4955	18.01078	.0063961
Stddev	.059634	.003657	.0020706	.0004127	.2605	.09543	.0032155
%RSD	.6693315	.1649453	2.391931	.1970892	.1527647	.5298750	50.27187

#1	8.843698	2.220330	.0845786	.2097996	170.2326	18.07272	.0100737
#2	8.959937	2.217134	.0864049	.2093901	170.5004	17.90088	.0050001
#3	8.924952	2.213035	.0887105	.2089743	170.7535	18.05874	.0041146

Sample Name: K2021-05 Acquired: 03/28/2019 14:24:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.174716	.1073800	3.653095
Stddev	.007431	.0009138	.031518
%RSD	.3417099	.8509762	.8627703

#1	2.172242	.1078569	3.670277
#2	2.168837	.1063264	3.616720
#3	2.183069	.1079567	3.672289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2675.888	3899.860	58026.02	10171.15	3921.047
Stddev	6.195	8.367	180.76	60.69	10.984
%RSD	.2315218	.2145343	.3115112	.5967244	.2801302

#1	2682.784	3890.753	58212.78	10172.47	3908.398
#2	2670.793	3901.622	58013.33	10231.18	3928.176
#3	2674.086	3907.205	57851.94	10109.81	3926.567

Sample Name: K2021-06 Acquired: 03/28/2019 14:28:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008011	.0389336	.0932705	-.036974	.0090986	198.9288	.2386675
Stddev	.001767	.0042075	.0017872	.001034	.0015454	.6989	.0005551
%RSD	22.05302	10.80691	1.916151	2.797269	16.98538	.3513270	.2325778

#1	-.010025	.0422597	.0948845	-.038166	.0092851	198.3988	.2380266
#2	-.007282	.0342036	.0935771	-.036313	.0074683	198.6669	.2389941
#3	-.006726	.0403374	.0913498	-.036443	.0105423	199.7209	.2389819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039492	.0044514	215.6429	.2028431	.1903815	1.592295	322.4674
Stddev	.0001150	.0000677	1.5631	.0010723	.0006832	.008705	2.0397
%RSD	2.911868	1.521329	.7248763	.5286422	.3588732	.5466651	.6325433

#1	.0039408	.0045093	215.8630	.2032268	.1897411	1.584000	321.9898
#2	.0038387	.0044680	213.9813	.2036707	.1911007	1.591528	320.7088
#3	.0040682	.0043770	217.0843	.2016317	.1903026	1.601358	324.7036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.489463	156.2977	.3390383	-.015271	8.899397	1.205221	.6183353
Stddev	.040944	1.2938	.0011075	.000309	.227564	.008756	.0084275
%RSD	.7458616	.8277727	.3266587	2.024011	2.557071	.7264696	1.362937

#1	5.486292	156.0410	.3394062	-.015447	9.054790	1.204232	.6090402
#2	5.450198	155.1516	.3377937	-.015451	8.638193	1.197003	.6204883
#3	5.531901	157.7007	.3399150	-.014914	9.005209	1.214430	.6254775

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.986452	4.948836	-.511027	.0127543	5.628703	13.17273	-.006523
Stddev	.016811	.015145	.006273	.0004213	.004860	.10474	.001829
%RSD	.8463028	.3060417	1.227476	3.302821	.0863357	.7951053	28.03794

#1	2.004182	4.938512	-.518163	.0130195	5.623175	13.24801	-.006743
#2	1.970741	4.941774	-.506386	.0122686	5.632305	13.05312	-.004595
#3	1.984434	4.966223	-.508531	.0129750	5.630627	13.21707	-.008233

Sample Name: K2021-06 Acquired: 03/28/2019 14:28:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	19.40694	.0529650	.9240515
Stddev	.04998	.0015401	.0026957
%RSD	.2575569	2.907757	.2917212

#1	19.40767	.0538313	.9225156
#2	19.35660	.0511868	.9224748
#3	19.45656	.0538769	.9271641

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.900	3976.728	58714.38	10278.03	4015.423
Stddev	12.642	7.125	382.09	42.51	2.188
%RSD	.4627656	.1791629	.6507533	.4135618	.0544868

#1	2745.810	3983.965	59038.42	10241.94	4017.590
#2	2721.109	3976.500	58293.06	10324.88	4013.215
#3	2728.781	3969.721	58811.66	10267.27	4015.465

Sample Name: K2021-08 Acquired: 03/28/2019 14:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766848	.0132926	.4637036	-.023799	.0099416	65.11754
Stddev	.0058332	.0006693	.0010286	.004318	.0027141	.60559
%RSD	7.606713	5.035409	.2218219	18.14458	27.30052	.9299927

#1	.0705635	.0140650	.4626314	-.027161	.0093201	65.81681
#2	.0773115	.0128828	.4646822	-.025307	.0075921	64.76506
#3	.0821793	.0129300	.4637973	-.018929	.0129125	64.77075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4053922	.0037422	.0078088	F 1935.960	.2696967	.1020026
Stddev	.0030766	.0000790	.0001168	23.921	.0010524	.0001030
%RSD	.7589098	2.111082	1.495834	1.235599	.3902262	.1009370

#1	.4089188	.0038333	.0077371	1925.794	.2695581	.1021205
#2	.4040002	.0037013	.0077457	1918.801	.2687205	.1019575
#3	.4032577	.0036920	.0079436	1963.284	.2708116	.1019300

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3833470	228.0036	3.889225	34.60302	.1458066	-.013116
Stddev	.0092380	2.5967	.049976	.39028	.0002298	.000565
%RSD	2.409832	1.138892	1.284993	1.127885	.1575705	4.307788

#1	.3936069	230.9983	3.946338	35.05012	.1457880	-.013638
#2	.3807452	226.3769	3.853511	34.33053	.1460451	-.012516
#3	.3756889	226.6357	3.867826	34.42840	.1455867	-.013193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63309	.5782460	.4943019	3.529291	2.785230	-.246476
Stddev	.23921	.0063413	.0015365	.075306	.010918	.003133
%RSD	1.634708	1.096649	.3108417	2.133752	.3919806	1.271254

#1	14.74954	.5847394	.4925954	3.611134	2.789839	-.247153
#2	14.35795	.5720685	.4955756	3.462927	2.772764	-.243059
#3	14.79177	.5779299	.4947346	3.513810	2.793087	-.249215

Sample Name: K2021-08 Acquired: 03/28/2019 14:36:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238777	11.23180	14.72768	.0060812	3.125376	.0420176
Stddev	.0003295	.04393	.18244	.0029078	.031505	.0003590
%RSD	1.379929	.3911024	1.238739	47.81562	1.008040	.8544028
#1	.0236928	11.19426	14.91385	.0089003	3.161669	.0423740
#2	.0236822	11.22104	14.54921	.0062512	3.105069	.0420226
#3	.0242581	11.28011	14.71998	.0030922	3.109389	.0416561

Elem	Sr4077
Units	ppm
Avg	15.82315
Stddev	.15237
%RSD	.9629336
#1	15.98446
#2	15.68168
#3	15.80330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.905	3665.941	54714.47	9754.771	3446.248
Stddev	4.584	6.575	141.15	108.611	8.972
%RSD	.1826430	.1793599	.2579820	1.113410	.2603501
#1	2511.168	3658.349	54834.21	9641.833	3437.308
#2	2504.822	3669.771	54558.84	9858.463	3446.184
#3	2513.725	3669.704	54750.37	9764.016	3455.253

Sample Name: K2021-07 Acquired: 03/28/2019 14:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006584	.0239116	.0722761	-.020675	.0015028	89.84444	.3972697
Stddev	.004546	.0003089	.0015889	.006045	.0002899	.30663	.0015412
%RSD	69.04158	1.291974	2.198374	29.24101	19.29258	.3412867	.3879401

#1	-.011819	.0237031	.0711010	-.015237	.0012687	89.88430	.3977498
#2	-.003635	.0237653	.0716435	-.027185	.0018271	90.12919	.3985137
#3	-.004299	.0242665	.0740839	-.019602	.0014125	89.51983	.3955456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026974	.0027042	102.3058	.5254860	.0961128	.3363233	217.4373
Stddev	.0000449	.0000348	.4657	.0016537	.0005742	.0014183	.7617
%RSD	1.664372	1.285785	.4551603	.3146995	.5974291	.4216992	.3502978

#1	.0026589	.0026701	101.9688	.5251914	.0955001	.3375266	216.8574
#2	.0026865	.0027029	102.8371	.5239994	.0966387	.3347596	218.2999
#3	.0027467	.0027396	102.1114	.5272672	.0961995	.3366836	217.1546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.792154	52.15220	.1728312	-.010371	3.844113	.6178374	.3658546
Stddev	.010425	.22041	.0007511	.000486	.299195	.0013687	.0038583
%RSD	.3733546	.4226355	.4345751	4.687312	7.783189	.2215377	1.054598

#1	2.783368	52.04600	.1720333	-.010139	3.852187	.6173902	.3677126
#2	2.803673	52.40561	.1735245	-.010044	4.139189	.6193738	.3614188
#3	2.789420	52.00500	.1729359	-.010929	3.540963	.6167481	.3684323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.534812	2.547497	-.337638	.1698371	4.967048	14.07162	-.000822
Stddev	.046419	.015273	.007222	.0005446	.021538	.05112	.003251
%RSD	1.831241	.5995482	2.138835	.3206373	.4336184	.3632774	395.3158

#1	2.486617	2.546345	-.345622	.1704312	4.942253	14.08013	.000922
#2	2.579223	2.532833	-.331562	.1697184	4.977775	14.11795	.001184
#3	2.538596	2.563314	-.335730	.1693617	4.981116	14.01678	-.004573

Sample Name: K2021-07 Acquired: 03/28/2019 14:32:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.354785	.0103078	.4873077
Stddev	.037601	.0020014	.0018998
%RSD	.4019387	19.41672	.3898455

#1	9.331464	.0101224	.4862305
#2	9.398162	.0084055	.4895013
#3	9.334730	.0123955	.4861914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2629.721	3851.609	56170.51	9713.643	4124.540
Stddev	11.066	1.846	168.28	87.438	8.118
%RSD	.4208196	.0479244	.2995789	.9001524	.1968187

#1	2618.800	3853.683	55981.57	9688.036	4128.190
#2	2629.435	3850.997	56225.68	9641.867	4130.193
#3	2640.927	3850.147	56304.27	9811.025	4115.238

Sample Name: K2021-10 Acquired: 03/28/2019 14:45:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026143	.0655248	2.153308	-.126707	.0389274	57.91808
Stddev	.002413	.0007041	.007967	.005373	.0016179	.15249
%RSD	9.228303	1.074624	.3700024	4.240413	4.156235	.2632828

#1	-.023471	.0648181	2.145107	-.132906	.0385109	57.94684
#2	-.028162	.0655298	2.153799	-.123400	.0407129	57.75326
#3	-.026795	.0662264	2.161019	-.123814	.0375585	58.05414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8595962	.0093112	.0316430	152.3180	1.272550	.1432189
Stddev	.0022624	.0000456	.0002334	1.0439	.005919	.0004362
%RSD	.2631903	.4893464	.7377365	.6853667	.4651669	.3045408

#1	.8611374	.0093352	.0313800	152.1755	1.276498	.1433456
#2	.8569989	.0093399	.0318258	151.3526	1.265744	.1435776
#3	.8606524	.0092587	.0317231	153.4258	1.275408	.1427334

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.444312	F 995.5222	6.203803	28.66950	.7441478	-.048463
Stddev	.014443	5.9526	.040174	.21003	.0030093	.000427
%RSD	.4193148	.5979359	.6475698	.7325993	.4043905	.8801571

#1	3.431929	990.1552	6.195531	28.62965	.7407853	-.048906
#2	3.440830	994.4869	6.168410	28.48225	.7450701	-.048056
#3	3.460177	1001.925	6.247470	28.89660	.7465879	-.048426

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235979	.6249533	11.21856	1.351779	2.145268	^ *****
Stddev	.113322	.0046025	.01756	.013242	.004901	-----
%RSD	9.168630	.7364473	.1565380	.9796164	.2284709	-----

#1	1.271422	.6196602	11.23759	1.350620	2.146517	^ -----
#2	1.327343	.6271885	11.20297	1.339154	2.149424	^ -----
#3	1.109171	.6280113	11.21513	1.365562	2.139863	^ -----

Sample Name: K2021-10 Acquired: 03/28/2019 14:45:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1637589	3.572118	14.29687	.3989131	5.246795	.0028954
Stddev	.0000473	.016196	.03201	.0018286	.024983	.0015143
%RSD	.0288738	.4533930	.2238759	.4583821	.4761598	52.30159
#1	.1637986	3.556772	14.26097	.4010137	5.256506	.0044227
#2	.1637715	3.570534	14.30721	.3980477	5.218415	.0028689
#3	.1637066	3.589047	14.32243	.3976778	5.265465	.0013944

Elem	Sr4077
Units	ppm
Avg	.4508778
Stddev	.0014848
%RSD	.3293054
#1	.4507451
#2	.4494639
#3	.4524245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.669	3705.400	54352.74	9471.062	3967.398
Stddev	8.688	10.885	70.48	20.843	7.882
%RSD	.3475618	.2937546	.1296763	.2200704	.1986743
#1	2499.910	3695.455	54292.99	9491.345	3972.644
#2	2490.863	3717.029	54430.47	9472.140	3971.216
#3	2508.234	3703.717	54334.76	9449.701	3958.334

Sample Name: K2021-09 Acquired: 03/28/2019 14:41:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015922	.0889847	4.483901	-.195337	.0678125	106.4362
Stddev	.002913	.0033742	.016119	.002712	.0010484	.3366
%RSD	18.29797	3.791891	.3594920	1.388191	1.546010	.3161994

#1	-.019054	.0921213	4.501259	-.193532	.0690146	106.1495
#2	-.013292	.0894180	4.469404	-.194023	.0670874	106.3524
#3	-.015421	.0854147	4.481040	-.198455	.0673355	106.8067

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284517	.0121126	.0631890	270.9890	1.434169	.2270590
Stddev	.002942	.0001273	.0003779	1.2698	.002783	.0006947
%RSD	.2290613	1.051143	.5980535	.4685933	.1940335	.3059473

#1	1.286101	.0122585	.0634878	269.6008	1.436958	.2278257
#2	1.281122	.0120244	.0633151	271.2743	1.431393	.2264714
#3	1.286329	.0120548	.0627642	272.0920	1.434157	.2268798

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.643554	F 1365.822	10.04967	69.99702	1.169863	-.067415
Stddev	.022914	2.723	.04262	.35804	.003967	.001976
%RSD	.4060175	.1993538	.4241345	.5115124	.3390744	2.931400

#1	5.620105	1365.544	10.00070	69.61201	1.174437	-.068945
#2	5.644664	1363.248	10.06987	70.05908	1.167787	-.065184
#3	5.665893	1368.672	10.07844	70.31998	1.167366	-.068116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.505478	.9750716	26.19846	2.438370	3.682846	^ *****
Stddev	.493257	.0074131	.14412	.075468	.009574	-----
%RSD	19.68714	.7602567	.5500915	3.095007	.2599685	-----

#1	2.596252	.9684870	26.04885	2.368259	3.689909	^ -----
#2	1.973139	.9736274	26.21017	2.518244	3.686679	^ -----
#3	2.947044	.9831005	26.33637	2.428606	3.671949	^ -----

Sample Name: K2021-09 Acquired: 03/28/2019 14:41:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S4 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1654792	6.948647	13.16126	.9606464	10.04248	.0279512
Stddev	.0007196	.015492	.02523	.0013731	.03362	.0014532
%RSD	.4348799	.2229454	.1917235	.1429383	.3347725	5.198957
#1	.1662881	6.958721	13.17042	.9622027	10.01590	.0276128
#2	.1652395	6.956412	13.18064	.9601306	10.03127	.0266971
#3	.1649100	6.930809	13.13273	.9596058	10.08027	.0295437

Elem	Sr4077
Units	ppm
Avg	1.111949
Stddev	.001533
%RSD	.1378905
#1	1.110211
#2	1.112527
#3	1.113110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.626	3716.568	55251.42	9656.580	3825.144
Stddev	13.201	4.750	275.44	32.161	6.539
%RSD	.5226857	.1278170	.4985268	.3330424	.1709458
#1	2540.866	3717.448	55499.49	9692.056	3823.354
#2	2518.308	3720.818	55299.75	9629.336	3832.391
#3	2517.705	3711.440	54955.00	9648.347	3819.686

Sample Name: K2021-11 Acquired: 03/28/2019 14:49:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5S6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009934	.0595104	2.635246	-.099236	.0349708	71.50047
Stddev	.010127	.0033535	.003277	.004549	.0015180	.21236
%RSD	101.9428	5.635082	.1243483	4.583940	4.340670	.2970113

#1	-.021542	.0633174	2.639000	-.104465	.0367221	71.27402
#2	-.005352	.0582202	2.632961	-.096193	.0340310	71.53223
#3	-.002908	.0569937	2.633775	-.097048	.0341594	71.69517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9410559	.0083455	.0322232	147.6295	1.608309	.1447637
Stddev	.0031947	.0001040	.0001021	.6909	.001241	.0003229
%RSD	.3394800	1.246209	.3167151	.4680231	.0771801	.2230374

#1	.9373911	.0083661	.0321074	147.0607	1.607029	.1451323
#2	.9432534	.0082327	.0323001	147.4295	1.608389	.1446282
#3	.9425230	.0084376	.0322621	148.3984	1.609508	.1445307

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.096068	F 809.0526	5.693765	34.81561	.7736415	-.038436
Stddev	.011101	5.6341	.026901	.19872	.0040433	.000318
%RSD	.2710043	.6963790	.4724628	.5707765	.5226302	.8260411

#1	4.083616	808.1028	5.673574	34.67886	.7775973	-.038373
#2	4.099659	803.9538	5.683417	34.72441	.7695161	-.038781
#3	4.104928	815.1012	5.724303	35.04356	.7738111	-.038155

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966397	.6212458	13.52239	2.127338	2.831293	^ *****
Stddev	.072067	.0030690	.10727	.095200	.013257	-----
%RSD	3.664921	.4940085	.7932881	4.475077	.4682321	-----

#1	1.907531	.6189943	13.43939	2.191276	2.845186	^ -----
#2	1.944892	.6200016	13.48425	2.017929	2.829913	^ -----
#3	2.046769	.6247415	13.64352	2.172810	2.818780	^ -----

Sample Name: K2021-11 Acquired: 03/28/2019 14:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1596920	4.315431	15.69557	.6939328	7.160860	.0107009
Stddev	.0007228	.015735	.03542	.0018704	.025264	.0018456
%RSD	.4526385	.3646227	.2256557	.2695394	.3528049	17.24697
#1	.1601622	4.326790	15.71351	.6948306	7.131719	.0101555
#2	.1588596	4.322033	15.71843	.6951851	7.174255	.0091895
#3	.1600540	4.297471	15.65478	.6917828	7.176606	.0127577

Elem	Sr4077
Units	ppm
Avg	.5765034
Stddev	.0018738
%RSD	.3250199
#1	.5744496
#2	.5769411
#3	.5781196

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.434	3782.000	55251.82	9617.889	4025.868
Stddev	12.394	14.544	178.58	14.340	14.807
%RSD	.4834817	.3845572	.3232109	.1490931	.3677866
#1	2563.482	3771.057	55132.83	9607.606	4017.055
#2	2575.804	3798.504	55457.16	9634.270	4042.962
#3	2551.017	3776.439	55165.46	9611.791	4017.586

Sample Name: K2021-14 Acquired: 03/28/2019 15:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1251090	.0115902	.1712433	-.020100	.0064918	93.60611
Stddev	.0022131	.0008884	.0020419	.004270	.0022565	.09542
%RSD	1.768919	7.665217	1.192408	21.24129	34.75996	.1019339

#1	.1227176	.0113224	.1731873	-.022779	.0076096	93.64624
#2	.1270848	.0125817	.1714268	-.015177	.0079712	93.67491
#3	.1255247	.0108665	.1691158	-.022346	.0038945	93.49718

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1500010	.0039462	.0034264	F 917.7203	.2501717	.0826599
Stddev	.0008508	.0001643	.0000573	4.0164	.0008492	.0002267
%RSD	.5671773	4.162810	1.671310	.4376444	.3394335	.2742198

#1	.1506777	.0039848	.0033855	918.0739	.2511344	.0824458
#2	.1502793	.0040877	.0034019	921.5482	.2498511	.0826366
#3	.1490459	.0037660	.0034918	913.5389	.2495294	.0828973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945003	213.5916	2.471869	68.48555	.1264233	-.011071
Stddev	.0030537	1.1800	.021896	.46277	.0003786	.000420
%RSD	1.036922	.5524497	.8858261	.6757216	.2994306	3.798207

#1	.2918834	212.4967	2.450383	68.01575	.1260541	-.011477
#2	.2978555	214.8414	2.494154	68.94096	.1264054	-.011098
#3	.2937619	213.4367	2.471071	68.49994	.1268106	-.010637

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.99925	.5058784	.5453016	11.94473	2.453963	.0512601
Stddev	.04040	.0009304	.0057787	.08183	.008923	.0022487
%RSD	.0939489	.1839134	1.059733	.6850712	.3636075	4.386850

#1	42.95758	.5048643	.5405076	11.85295	2.443824	.0538525
#2	43.00194	.5066925	.5517182	12.01008	2.457443	.0498374
#3	43.03824	.5060785	.5436791	11.97116	2.460621	.0500903

Sample Name: K2021-14 Acquired: 03/28/2019 15:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5S9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1582074	190.6990	22.64376	.0121006	2.184806	.1392783
Stddev	.0006455	.1575	.12183	.0056942	.003772	.0007629
%RSD	.4080171	.0825723	.5380373	47.05758	.1726693	.5477315

#1	.1581589	190.7527	22.54251	.0161388	2.184188	.1399288
#2	.1575875	190.5217	22.77897	.0055877	2.188850	.1384386
#3	.1588758	190.8226	22.60980	.0145752	2.181381	.1394674

Elem	Sr4077
Units	ppm
Avg	11.63982
Stddev	.05373
%RSD	.4615687

#1	11.58136
#2	11.65109
#3	11.68702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.483	3736.742	55365.83	9770.680	3699.736
Stddev	16.145	9.665	329.61	22.477	6.352
%RSD	.6335193	.2586582	.5953287	.2300435	.1716942

#1	2565.247	3747.693	55425.55	9795.793	3707.042
#2	2547.165	3733.132	55661.49	9752.450	3695.512
#3	2533.037	3729.401	55010.44	9763.795	3696.655

Sample Name: K2021-15 Acquired: 03/28/2019 15:06:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043213	.1287700	10.55488	-.409981	.1300280	110.8120
Stddev	.004063	.0005797	.02308	.006596	.0015199	.0777
%RSD	9.403303	.4501933	.2186525	1.608750	1.168930	.0701252

#1	-.047486	.1281228	10.56831	-.410768	.1305188	110.8884
#2	-.039399	.1292417	10.56809	-.403027	.1312419	110.7331
#3	-.042752	.1289455	10.52823	-.416147	.1283233	110.8146

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.103082	.0230001	.1243816	442.3217	3.705521	.3501347
Stddev	.003837	.0001257	.0010259	.5086	.006539	.0005075
%RSD	.1236482	.5464802	.8248031	.1149817	.1764538	.1449501

#1	3.106972	.0230109	.1252261	442.6557	3.711766	.3496963
#2	3.099301	.0228694	.1246788	442.5730	3.698724	.3506907
#3	3.102974	.0231201	.1232399	441.7364	3.706071	.3500170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.44063	F 2588.903	22.04661	53.10713	2.511494	-.141810
Stddev	.01320	20.339	.04265	.19321	.005003	.000798
%RSD	.0678928	.7856123	.1934489	.3638162	.1992026	.5627725

#1	19.45581	2565.500	22.07972	53.24294	2.509831	-.142596
#2	19.43187	2602.302	22.06162	53.19252	2.517117	-.141833
#3	19.43421	2598.907	21.99848	52.88594	2.507535	-.141001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.979395	1.108122	F 49.41008	2.895232	4.277026	^ *****
Stddev	.231055	.001242	.40864	.019610	.009340	-----
%RSD	11.67300	.1120859	.8270340	.6773198	.2183870	-----

#1	2.243559	1.106832	49.73504	2.874154	4.266907	^ -----
#2	1.814921	1.109309	49.54388	2.912936	4.285318	^ -----
#3	1.879705	1.108226	48.95131	2.898605	4.278852	^ -----

Sample Name: K2021-15 Acquired: 03/28/2019 15:06:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4384424	15.37593	14.05524	.7761763	9.512621	.0428707
Stddev	.0002747	.02520	.04100	.0003434	.020966	.0020818
%RSD	.0626646	.1638639	.2916741	.0442399	.2203997	4.856061

#1	.4383776	15.34685	14.00791	.7757862	9.536366	.0425390
#2	.4387437	15.39122	14.07918	.7763100	9.504831	.0409746
#3	.4382058	15.38973	14.07865	.7764327	9.496664	.0450985

Elem	Sr4077
Units	ppm
Avg	1.697796
Stddev	.000744
%RSD	.0438374

#1	1.698549
#2	1.697779
#3	1.697061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.846	3479.840	52832.12	9173.954	3502.932
Stddev	14.498	10.991	273.27	13.938	4.420
%RSD	.6128196	.3158393	.5172431	.1519262	.1261788

#1	2357.539	3477.718	52517.57	9190.003	3497.840
#2	2357.413	3491.738	52967.66	9164.896	3505.185
#3	2382.587	3470.066	53011.12	9166.962	3505.772

Sample Name: CCV058 Acquired: 03/28/2019 15:30:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV058 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.073568	4.984881	25.65268	4.934308	4.863136	384.2235
Stddev	.009652	.020995	.06284	.019705	.006002	4.4798
%RSD	.1902368	.4211681	.2449558	.3993398	.1234204	1.165927

#1	5.062846	4.963895	25.58013	4.939472	4.858056	385.9248
#2	5.076297	5.005884	25.69010	4.912536	4.869759	387.6033
#3	5.081562	4.984864	25.68781	4.950916	4.861594	379.1422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.851373	.4545681	2.499860	403.5836	15.15777	2.520067
Stddev	.143330	.0057453	.007303	6.7599	.05835	.007489
%RSD	1.454920	1.263899	.2921433	1.674981	.3849628	.2971818

#1	9.947418	.4569637	2.491429	406.9895	15.22445	2.511500
#2	9.920076	.4587280	2.504236	407.9632	15.11604	2.525370
#3	9.686625	.4480127	2.503915	395.7982	15.13281	2.523332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85143	404.3477	14.59642	391.1946	2.468177	1.292069
Stddev	.22551	7.0118	.25234	7.1001	.009587	.006503
%RSD	1.518444	1.734110	1.728795	1.814972	.3884355	.5033056

#1	14.98108	408.4019	14.72456	394.9658	2.457211	1.296386
#2	14.98217	408.3901	14.75899	395.6134	2.472347	1.284589
#3	14.59103	396.2511	14.30572	383.0047	2.474972	1.295230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.6321	2.355403	16.46925	147.0124	5.170294	F 4.396052
Stddev	5.8606	.035990	.09102	2.3528	.009050	.054221
%RSD	1.473869	1.527988	.5526623	1.600387	.1750452	1.233408

#1	400.6659	2.376421	16.51496	148.2857	5.161638	4.428190
#2	401.3538	2.375941	16.52836	148.4541	5.179693	4.426517
#3	390.8765	2.313846	16.36444	144.2974	5.169551	4.333450

Sample Name: CCV058 Acquired: 03/28/2019 15:30:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817680	5.297876	4.742507	4.799205	4.980772	4.756686
Stddev	.005562	.018179	.045256	.027117	.073155	.090102
%RSD	.1154505	.3431421	.9542580	.5650317	1.468744	1.894226

#1	4.811717	5.282738	4.756324	4.769373	5.019302	4.795069
#2	4.818597	5.318039	4.779243	4.822360	5.026608	4.821242
#3	4.822727	5.292851	4.691953	4.805881	4.896405	4.653748

Elem	Sr4077
Units	ppm
Avg	5.029846
Stddev	.082607
%RSD	1.642342

#1	5.068884
#2	5.085700
#3	4.934955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.559	3244.027	50037.97	8738.926	3451.824
Stddev	9.370	2.266	124.58	115.386	7.914
%RSD	.4200888	.0698455	.2489786	1.320369	.2292685

#1	2224.317	3246.581	49897.48	8702.779	3460.840
#2	2226.027	3242.259	50081.43	8645.942	3446.025
#3	2241.334	3243.241	50135.00	8868.058	3448.608

Sample Name: CCB058 Acquired: 03/28/2019 15:39:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006742	-.002955	-.000030	.0024139	-.005241	-.001525	-.004910
Stddev	.000730	.000881	.000544	.0009945	.001862	.001226	.000821
%RSD	10.82030	29.82434	1802.664	41.19933	35.52211	80.34936	16.72593

#1	-.006637	-.002245	.000366	.0014043	-.004536	-.001908	-.004096
#2	-.007518	-.002679	.000194	.0033926	-.007352	-.002514	-.005738
#3	-.006071	-.003942	-.000651	.0024447	-.003835	-.000154	-.004894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000070	.0120657	.0003845	.0002510	-.000684	.0435357
Stddev	.000049	.000032	.0101845	.0003237	.0001415	.000654	.0045646
%RSD	401.7803	45.08537	84.40854	84.17574	56.38552	95.62789	10.48474

#1	.000042	-.000042	.0235147	.0000361	.0002094	.000040	.0482915
#2	-.000024	-.000064	.0040141	.0006759	.0001349	-.000859	.0431258
#3	-.000055	-.000104	.0086684	.0004416	.0004086	-.001232	.0391899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015712	-.012947	-.000419	.0002285	-.673042	.0018658	.0022909
Stddev	.0001236	.016315	.000284	.0003748	.328977	.0022060	.0004775
%RSD	7.864338	126.0081	67.80822	164.0039	48.87904	118.2330	20.84225

#1	.0014459	-.012069	-.000368	.0002151	-.760465	-.000019	.0027751
#2	.0015748	-.029684	-.000726	.0006099	-.309185	.004292	.0018205
#3	.0016929	.002910	-.000164	-.000139	-.949477	.001324	.0022771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078977	-.001813	-.007964	-.000117	-.003286	-.010735	-.005144
Stddev	.0636410	.002864	.001758	.000504	.004311	.002053	.001300
%RSD	805.8151	157.9140	22.07816	429.9503	131.1964	19.12058	25.27058

#1	-.047860	-.000014	-.006620	-.000056	-.008153	-.008725	-.006638
#2	.077231	-.000311	-.007318	-.000648	.000053	-.010652	-.004533
#3	-.005679	-.005116	-.009954	.000353	-.001757	-.012827	-.004263

Sample Name: CCB058 Acquired: 03/28/2019 15:39:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB058 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008572	-.007419	.0000915
Stddev	.0005130	.002972	.0001830
%RSD	59.85196	40.06119	200.0563

#1	.0006068	-.006669	.0002876
#2	.0005175	-.010695	.0000616
#3	.0014474	-.004894	-.000075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.168	3760.171	53723.22	8963.797	4302.995
Stddev	3.212	3.107	246.93	37.109	7.114
%RSD	.1251238	.0826292	.4596417	.4139862	.1653298

#1	2568.503	3757.409	53925.15	8921.024	4294.781
#2	2569.498	3763.535	53796.59	8982.970	4307.049
#3	2563.504	3759.569	53447.91	8987.398	4307.156

Sample Name: K2021-16 Acquired: 03/28/2019 15:43:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089535	.0345241	.2475723	-.049602	.0131101	223.8667	2.638990
Stddev	.0044535	.0032833	.0037745	.003775	.0019566	2.9907	.033735
%RSD	49.74036	9.510081	1.524605	7.610790	14.92456	1.335933	1.278337

#1	.0095984	.0327621	.2516083	-.053306	.0136758	220.8985	2.601846
#2	.0130495	.0324981	.2469791	-.049739	.0109329	223.8220	2.647396
#3	.0042127	.0383123	.2441295	-.045760	.0147215	226.8795	2.667727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069944	.0078000	436.5070	.0818450	.1419743	.6964757	371.3639
Stddev	.0001151	.0001164	5.7461	.0001388	.0015869	.0073549	5.1260
%RSD	1.645338	1.492180	1.316391	.1695879	1.117736	1.056022	1.380324

#1	.0068683	.0078266	431.1910	.0820030	.1438045	.6880081	366.3297
#2	.0070214	.0079008	435.7266	.0817425	.1411379	.7001435	371.1848
#3	.0070936	.0076727	442.6035	.0817896	.1409806	.7012754	376.5771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.731020	89.49408	.1350674	-.018280	11.98112	.7550172	1.285714
Stddev	.104243	1.16288	.0003888	.000324	.26701	.0112868	.003891
%RSD	1.348379	1.299393	.2878902	1.771868	2.228576	1.494904	.3026640

#1	7.633049	88.28830	.1355093	-.017933	11.88309	.7445670	1.285361
#2	7.719443	89.58523	.1347774	-.018574	11.77699	.7534979	1.289770
#3	7.840569	90.60870	.1349155	-.018335	12.28329	.7669866	1.282011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.944819	13.69072	-.631942	.0105049	2.815672	9.326700	-.002754
Stddev	.106740	.02926	.009100	.0003533	.006823	.118898	.002765
%RSD	1.536972	.2137246	1.439972	3.362847	.2423334	1.274810	100.3926

#1	6.821639	13.69391	-.632861	.0102944	2.822395	9.218249	-.000633
#2	7.010078	13.71826	-.622418	.0109128	2.815869	9.308018	-.005881
#3	7.002740	13.66000	-.640547	.0103077	2.808752	9.453833	-.001748

Sample Name: K2021-16 Acquired: 03/28/2019 15:43:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5T9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	21.86894	.1361420	8.693742
Stddev	.25815	.0015816	.143154
%RSD	1.180427	1.161759	1.646630

#1	21.62096	.1346324	8.560111
#2	21.84970	.1360065	8.676296
#3	22.13617	.1377870	8.844819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.933	4078.464	60815.75	10409.51	3823.603
Stddev	6.708	5.906	62.43	116.23	5.625
%RSD	.2375426	.1448209	.1026476	1.116577	.1471230

#1	2830.204	4084.810	60751.20	10526.36	3828.120
#2	2816.860	4073.127	60875.81	10408.25	3817.302
#3	2824.735	4077.454	60820.23	10293.91	3825.386

Sample Name: K2021-17 Acquired: 03/28/2019 15:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095908	.0260635	.6386289	-.039094	.0116875	126.5384
Stddev	.0027964	.0026010	.0018114	.005495	.0019069	.1191
%RSD	2.551667	9.979536	.2836347	14.05564	16.31584	.0941469

#1	.1119387	.0290661	.6396560	-.044356	.0117603	126.4028
#2	.1064971	.0245047	.6365374	-.039533	.0097452	126.5862
#3	.1103365	.0246196	.6396932	-.033393	.0135569	126.6263

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5052557	.0041618	.0061003	F 1521.220	.1606729	.1070130
Stddev	.0010057	.0000400	.0001372	7.809	.0006730	.0004956
%RSD	.1990411	.9611466	2.248449	.5133240	.4188711	.4631287

#1	.5050071	.0041487	.0061677	1526.775	.1602129	.1066995
#2	.5043976	.0042068	.0059425	1512.292	.1614453	.1075844
#3	.5063623	.0041301	.0061908	1524.594	.1603604	.1067551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248225	315.5768	4.419734	91.26742	.1519315	-.018362
Stddev	.0038808	.3434	.008595	.34787	.0012823	.000226
%RSD	.7394538	.1088162	.1944688	.3811496	.8439954	1.231954

#1	.5258067	315.3493	4.411632	91.04203	.1512293	-.018270
#2	.5281165	315.9718	4.428749	91.66805	.1511536	-.018196
#3	.5205444	315.4091	4.418822	91.09217	.1534115	-.018620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.06662	.6583906	1.142234	3.309205	4.612826	-.361560
Stddev	.56417	.0052427	.009841	.003726	.018840	.006303
%RSD	3.511448	.7962896	.8615764	.1125942	.4084190	1.743383

#1	16.49879	.6621957	1.151687	3.312899	4.596720	-.367012
#2	16.27269	.6605655	1.142970	3.309268	4.633543	-.363009
#3	15.42838	.6524104	1.132046	3.305448	4.608216	-.354658

Sample Name: K2021-17 Acquired: 03/28/2019 15:47:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176412	15.71990	14.12629	.0126316	12.10943	.0856226
Stddev	.0003567	.03470	.04894	.0036053	.02404	.0015625
%RSD	2.022178	.2207368	.3464236	28.54188	.1984817	1.824820

#1	.0178232	15.70420	14.07353	.0167910	12.08941	.0842920
#2	.0178702	15.75968	14.17020	.0107014	12.10279	.0873431
#3	.0172301	15.69583	14.13514	.0104023	12.13609	.0852326

Elem	Sr4077
Units	ppm
Avg	19.62179
Stddev	.16487
%RSD	.8402399

#1	19.63162
#2	19.78152
#3	19.45223

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.293	3538.237	53439.79	9249.342	3523.427
Stddev	14.237	3.319	165.81	5.431	3.475
%RSD	.5798648	.0938153	.3102778	.0587211	.0986148

#1	2438.945	3535.379	53269.18	9243.738	3520.084
#2	2461.958	3541.878	53600.35	9249.704	3523.177
#3	2464.975	3537.455	53449.84	9254.583	3527.020

Sample Name: K2021-18 Acquired: 03/28/2019 15:52:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1941734	.0119391	.0493072	.0020781	.0032021	43.88666	.0761369
Stddev	.0017312	.0025549	.0015459	.0023648	.0015678	.05619	.0004368
%RSD	.8916011	21.39898	3.135206	113.7974	48.96244	.1280257	.5736445

#1	.1946047	.0090656	.0484964	.0039370	.0049701	43.82179	.0764606
#2	.1922673	.0139542	.0510898	.0028808	.0026551	43.91838	.0763100
#3	.1956482	.0127976	.0483355	-.000584	.0019810	43.91981	.0756401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022993	.0015998	559.0058	.1372048	.0347897	.1657324	142.4666
Stddev	.0000539	.0001075	1.7216	.0007473	.0004363	.0019345	.2914
%RSD	2.344208	6.717221	.3079669	.5446548	1.254138	1.167228	.2045599

#1	.0023133	.0014850	559.2440	.1374974	.0343390	.1678463	142.3471
#2	.0022398	.0016980	560.5959	.1363555	.0348202	.1653005	142.7988
#3	.0023448	.0016163	557.1776	.1377615	.0352100	.1640503	142.2539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090315	30.34997	.0820996	-.007353	18.83701	.3864608	.1999809
Stddev	.003646	.08141	.0007711	.000560	.14984	.0045686	.0024542
%RSD	.3344096	.2682345	.9391786	7.614267	.7954442	1.182155	1.227231

#1	1.088037	30.35833	.0819809	-.007999	18.79281	.3814474	.1971643
#2	1.094520	30.42687	.0813947	-.007010	18.71426	.3903892	.2011190
#3	1.088387	30.26470	.0829231	-.007050	19.00398	.3875458	.2016595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.640945	1.251274	.1606535	.2423633	206.1869	24.36312	-.003948
Stddev	.086568	.006355	.0039009	.0011694	.5045	.06717	.001127
%RSD	1.865319	.5079041	2.428114	.4825117	.2446867	.2757195	28.53512

#1	4.544047	1.250667	.1570496	.2435648	205.6426	24.43056	-.002647
#2	4.710657	1.245244	.1647954	.2412288	206.2793	24.36258	-.004585
#3	4.668132	1.257911	.1601154	.2422963	206.6389	24.29622	-.004612

Sample Name: K2021-18 Acquired: 03/28/2019 15:52:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5W1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.471710	.0579331	6.257727
Stddev	.001429	.0013239	.034636
%RSD	.0970974	2.285176	.5534934

#1	1.470382	.0569470	6.280447
#2	1.473222	.0574147	6.274871
#3	1.471526	.0594378	6.217862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.742	3703.551	55426.44	9414.562	3981.882
Stddev	3.546	8.255	92.02	35.061	7.847
%RSD	.1379839	.2228995	.1660257	.3724116	.1970669

#1	2571.056	3695.300	55515.23	9382.789	3973.584
#2	2565.727	3711.810	55432.60	9408.720	3989.183
#3	2572.443	3703.543	55331.49	9452.177	3982.879

Sample Name: K2021-20 Acquired: 03/28/2019 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988839	.0146395	.1403209	-.022156	.0063813	104.9382	.1864937
Stddev	.0027726	.0000825	.0011533	.001732	.0022068	1.5263	.0032634
%RSD	2.803857	.5633870	.8219235	7.818989	34.58211	1.454487	1.749866

#1	.1000425	.0147138	.1397124	-.022341	.0079754	106.6977	.1900224
#2	.1008893	.0145508	.1416511	-.023788	.0038626	104.1458	.1835844
#3	.0957200	.0146540	.1395994	-.020338	.0073059	103.9710	.1858742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046046	.0031831	626.5275	.2863333	.0972944	.3416181	242.3928
Stddev	.0001340	.0002502	2.2569	.0006443	.0008043	.0045784	2.9897
%RSD	2.909295	7.860336	.3602303	.2250145	.8266908	1.340209	1.233425

#1	.0047008	.0029005	626.1384	.2869075	.0973216	.3466783	245.8251
#2	.0044516	.0033765	628.9537	.2856365	.0964769	.3404137	240.3556
#3	.0046615	.0032722	624.4905	.2864558	.0980848	.3377623	240.9979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.193769	88.56282	.1397093	-.013117	37.94412	.5154035	.5685090
Stddev	.033761	1.20149	.0012001	.000213	.43530	.0071562	.0022247
%RSD	1.057101	1.356654	.8589979	1.620296	1.147223	1.388461	.3913192

#1	3.231754	89.94398	.1401894	-.013262	38.39666	.5205725	.5705786
#2	3.167182	87.75868	.1383435	-.013216	37.52839	.5072358	.5661563
#3	3.182371	87.98581	.1405950	-.012873	37.90730	.5184022	.5687922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.58821	2.696719	-.022743	.0381314	115.3437	31.15327	.0037922
Stddev	.13997	.015636	.002992	.0005697	.2695	.24293	.0023076
%RSD	1.111928	.5798179	13.15455	1.493956	.2336849	.7797784	60.85092

#1	12.74547	2.679726	-.020349	.0380712	115.1193	31.40614	.0025443
#2	12.47728	2.699933	-.026097	.0387287	115.2691	30.92169	.0064550
#3	12.54187	2.710499	-.021783	.0375942	115.6426	31.13196	.0023773

Sample Name: K2021-20 Acquired: 03/28/2019 16:00:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5X8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.328571	.1563819	5.318470
Stddev	.042668	.0026220	.056192
%RSD	1.832383	1.676660	1.056547

#1	2.377745	.1591949	5.300369
#2	2.301339	.1559452	5.273560
#3	2.306629	.1540058	5.381482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.124	3790.906	56693.76	9645.827	3793.967
Stddev	14.702	9.179	155.76	57.941	7.607
%RSD	.5600570	.2421285	.2747317	.6006839	.2005137

#1	2628.140	3781.285	56693.70	9580.167	3788.775
#2	2609.148	3791.866	56538.03	9689.780	3790.427
#3	2638.085	3799.567	56849.54	9667.534	3802.700

Sample Name: K2021-03 Acquired: 03/28/2019 16:08:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5R8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1310647	.1626505	3.718788	-.045916	.2490008	121.3964
Stddev	.0059108	.0024601	.009234	.007159	.0015862	.1521
%RSD	4.509791	1.512482	.2483065	15.59088	.6370294	.1252831

#1	.1364709	.1617696	3.716848	-.053732	.2472735	121.3667
#2	.1319696	.1654297	3.728838	-.044335	.2503921	121.2613
#3	.1247537	.1607521	3.710678	-.039679	.2493368	121.5611

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.118960	.1329002	.1631224	F 1099.893	1.217720	1.323318
Stddev	.005091	.0005387	.0006038	8.118	.004915	.002306
%RSD	.0994628	.4053213	.3701665	.7380488	.4036031	.1742352

#1	5.118873	.1330484	.1629229	1097.345	1.219304	1.324252
#2	5.124094	.1323030	.1638007	1093.355	1.221648	1.325011
#3	5.113913	.1333493	.1626436	1108.979	1.212209	1.320692

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.229896	F 937.6377	7.746546	68.44017	2.244129	.0562296
Stddev	.008415	7.0767	.039366	.31363	.000599	.0004421
%RSD	.1350666	.7547334	.5081690	.4582545	.0266872	.7862853

#1	6.221673	931.4878	7.731418	68.20209	2.243990	.0558458
#2	6.238490	936.0529	7.716988	68.32289	2.243613	.0567130
#3	6.229525	945.3724	7.791232	68.79554	2.244786	.0561299

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.554814	2.152825	18.08937	6.636994	4.243985	^ *****
Stddev	.390793	.003980	.04094	.019217	.013868	-----
%RSD	4.568110	.1848696	.2263242	.2895470	.3267658	-----

#1	8.401181	2.156313	18.13286	6.630569	4.251972	^ -----
#2	8.999077	2.148490	18.05157	6.621813	4.252010	^ -----
#3	8.264184	2.153673	18.08370	6.658601	4.227971	^ -----

Sample Name: K2021-03 Acquired: 03/28/2019 16:08:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MBF5R8S Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1875001	18.59555	11.27388	.4407858	6.090672	.0918885
Stddev	.0006282	.07940	.01826	.0043121	.014838	.0015991
%RSD	.3350354	.4269841	.1619835	.9782816	.2436246	1.740295
#1	.1881217	18.62879	11.26997	.4394086	6.092101	.0900515
#2	.1875132	18.65293	11.25789	.4373306	6.075171	.0929693
#3	.1868655	18.50493	11.29378	.4456184	6.104745	.0926446

Elem	Sr4077
Units	ppm
Avg	6.333600
Stddev	.023114
%RSD	.3649440
#1	6.309049
#2	6.336808
#3	6.354942

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.706	3617.555	55372.51	9488.750	3585.950
Stddev	6.668	12.050	165.00	24.862	7.507
%RSD	.2643140	.3331020	.2979844	.2620114	.2093522
#1	2515.157	3624.872	55241.05	9504.088	3591.653
#2	2525.170	3624.145	55318.82	9502.097	3588.752
#3	2527.791	3603.647	55557.67	9460.065	3577.444

Sample Name: K2046-15 Acquired: 03/28/2019 16:04:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1339650	.1167844	.1829923	.0909013	.2195630	43.28572
Stddev	.0053285	.0014887	.0016981	.0017439	.0020401	.04479
%RSD	3.977495	1.274721	.9279774	1.918482	.9291482	.1034701

#1	.1328422	.1179258	.1845093	.0924933	.2190215	43.24454
#2	.1397653	.1151006	.1811578	.0911731	.2218192	43.27922
#3	.1292873	.1173267	.1833099	.0890374	.2178483	43.33340

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.683076	.0982395	.1039843	F 993.7373	.5778406	1.167835
Stddev	.014885	.0006836	.0002072	7.9431	.0011496	.001122
%RSD	.3178400	.6958600	.1992614	.7993108	.1989447	.0960657

#1	4.668169	.0984987	.1042218	987.4381	.5791662	1.169130
#2	4.683122	.0974641	.1038404	991.1136	.5772387	1.167167
#3	4.697938	.0987555	.1038907	1002.660	.5771169	1.167208

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7942838	96.72128	2.563805	26.98706	1.233274	.1079774
Stddev	.0029250	.23114	.007277	.04779	.001556	.0001864
%RSD	.3682592	.2389750	.2838514	.1770809	.1261533	.1726006

#1	.7973658	96.87685	2.565072	27.03898	1.234501	.1081057
#2	.7915463	96.45568	2.555978	26.94491	1.231524	.1077636
#3	.7939392	96.83130	2.570366	26.97729	1.233797	.1080629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.762081	1.339139	1.428713	1.829307	2.027937	-.059977
Stddev	.436140	.002026	.002334	.060513	.006708	.003994
%RSD	5.618849	.1512818	.1633402	3.307969	.3307873	6.659231

#1	7.386914	1.338309	1.426653	1.803177	2.035179	-.064093
#2	8.240620	1.337661	1.431247	1.786250	2.026694	-.059721
#3	7.658708	1.341449	1.428239	1.898495	2.021936	-.056117

Sample Name: K2046-15 Acquired: 03/28/2019 16:04:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MBF5W6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194858	4.715304	12.42255	-.002798	2.747331	.0284847
Stddev	.0007312	.028486	.06663	.001709	.004383	.0018370
%RSD	3.752369	.6041080	.5363674	61.08928	.1595321	6.449000

#1	.0195084	4.738968	12.48525	-.004739	2.752380	.0278344
#2	.0187436	4.683687	12.35259	-.001516	2.744515	.0305583
#3	.0202054	4.723258	12.42981	-.002139	2.745097	.0270612

Elem	Sr4077
Units	ppm
Avg	10.23053
Stddev	.14559
%RSD	1.423120

#1	10.38264
#2	10.09248
#3	10.21649

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.918	3547.550	53123.95	9093.275	3736.873
Stddev	15.700	5.039	315.69	61.723	8.371
%RSD	.6384762	.1420513	.5942426	.6787813	.2240176

#1	2443.173	3543.064	52773.34	9022.220	3728.306
#2	2459.010	3546.584	53385.64	9123.981	3745.034
#3	2474.572	3553.003	53212.86	9133.623	3737.278

Sample Name: PB118192BS Acquired: 03/28/2019 16:38:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS192 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141461	.0462289	.0182917	.0689383	.1168255	.3404991
Stddev	.0017867	.0011503	.0016607	.0012497	.0032105	.0067273
%RSD	12.63058	2.488301	9.078692	1.812826	2.748080	1.975710

#1	.0159659	.0456350	.0166064	.0689907	.1196053	.3397717
#2	.0123943	.0454970	.0183421	.0676633	.1175598	.3341652
#3	.0140780	.0475548	.0199266	.0701611	.1133116	.3475606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3904769	.0091139	.0092672	9.825674	.0220835	.0957927
Stddev	.0013241	.0000550	.0000289	.036889	.0006763	.0002506
%RSD	.3391031	.6032560	.3113584	.3754376	3.062413	.2615800

#1	.3906969	.0091772	.0092799	9.784448	.0227782	.0960767
#2	.3890566	.0090779	.0092342	9.837006	.0220450	.0956030
#3	.3916772	.0090867	.0092876	9.855567	.0214273	.0956982

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449146	.2302267	.0324315	9.414220	.0799934	.0202878
Stddev	.0007276	.0055828	.0000640	.050486	.0003572	.0004324
%RSD	1.619952	2.424896	.1974863	.5362766	.4464938	2.131520

#1	.0441821	.2312697	.0324858	9.358545	.0797342	.0202626
#2	.0456371	.2352143	.0323609	9.457028	.0804008	.0198686
#3	.0449247	.2241960	.0324479	9.427088	.0798453	.0207323

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.148704	.1003547	.1313335	9.225972	.0185037	.0210756
Stddev	.205585	.0011236	.0032051	.031740	.0019696	.0012049
%RSD	2.247148	1.119657	2.440446	.3440313	10.64416	5.717080

#1	9.013991	.1015684	.1320472	9.189569	.0207778	.0218972
#2	9.385337	.1001447	.1341215	9.247855	.0173921	.0216371
#3	9.046785	.0993508	.1278316	9.240492	.0173412	.0196924

Sample Name: PB118192BS Acquired: 03/28/2019 16:38:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS192 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0320459	.1837186	F .3066766	.0133606	F .3368284	.0766936
Stddev	.0003381	.0050960	.0011357	.0005802	.0024312	.0018087
%RSD	1.055053	2.773813	.3703390	4.342584	.7217846	2.358351

#1	.0319523	.1895824	.3079240	.0140159	.3341441	.0753615
#2	.0317644	.1812131	.3057023	.0131534	.3374587	.0787526
#3	.0324209	.1803604	.3064034	.0129124	.3388824	.0759665

Elem	Sr4077
Units	ppm
Avg	.2028658
Stddev	.0002744
%RSD	.1352472

#1	.2028648
#2	.2025920
#3	.2031407

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.460	3740.714	53384.92	9098.034	4321.753
Stddev	10.324	7.154	117.93	24.973	1.628
%RSD	.4073639	.1912388	.2209034	.2744844	.0376708

#1	2522.978	3744.068	53269.63	9117.872	4320.377
#2	2537.425	3745.574	53379.81	9069.991	4323.550
#3	2542.978	3732.499	53505.32	9106.240	4321.331

Sample Name: CCV059 Acquired: 03/28/2019 16:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.055979	4.951847	25.60555	4.896146	4.870723	383.1072
Stddev	.008901	.004990	.02224	.004008	.005622	1.2889
%RSD	.1760453	.1007725	.0868684	.0818593	.1154303	.3364320

#1	5.065754	4.953964	25.58010	4.900698	4.868926	381.9126
#2	5.053839	4.955430	25.61522	4.894594	4.866219	382.9359
#3	5.048343	4.946148	25.62131	4.893147	4.877024	384.4733

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.998108	.5272038	2.496233	402.1342	15.16995	2.518525
Stddev	.016679	.0040773	.001482	1.3245	.03420	.002489
%RSD	.1668180	.7733893	.0593839	.3293679	.2254649	.0988154

#1	10.00194	.5235324	2.496798	400.8374	15.18377	2.518509
#2	9.97985	.5264870	2.497350	402.0805	15.13100	2.521022
#3	10.01254	.5315920	2.494551	403.4848	15.19508	2.516044

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01081	403.5122	14.64694	388.5007	2.470055	1.274499
Stddev	.02950	.9674	.04390	1.4786	.002510	.005030
%RSD	.1965367	.2397547	.2997253	.3805825	.1016354	.3946689

#1	15.00114	402.9404	14.60481	387.3845	2.471336	1.278090
#2	14.98737	402.9670	14.64359	387.9399	2.471666	1.276656
#3	15.04394	404.6292	14.69242	390.1776	2.467162	1.268750

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.0792	2.383998	16.48603	148.3433	5.132941	F 4.404883
Stddev	2.1021	.008000	.16928	.4521	.014719	.015237
%RSD	.5293912	.3355756	1.026780	.3047429	.2867494	.3459054

#1	394.9522	2.380882	16.61031	148.2455	5.143565	4.398010
#2	397.1298	2.378025	16.55455	147.9481	5.139117	4.394293
#3	399.1555	2.393087	16.29324	148.8362	5.116140	4.422345

Sample Name: CCV059 Acquired: 03/28/2019 16:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.794678	5.263651	4.738571	4.821834	5.032145	4.764977
Stddev	.007062	.005177	.034638	.013252	.019399	.016508
%RSD	.1472936	.0983538	.7309697	.2748235	.3854954	.3464523
#1	4.802261	5.263372	4.718402	4.831692	5.017628	4.747351
#2	4.788288	5.258619	4.718746	4.827038	5.024632	4.767503
#3	4.793484	5.268962	4.778567	4.806770	5.054177	4.780076

Elem	Sr4077
Units	ppm
Avg	5.073497
Stddev	.017463
%RSD	.3442069
#1	5.090352
#2	5.055483
#3	5.074656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.451	3253.617	50224.01	8705.344	3455.411
Stddev	19.156	8.162	240.67	39.711	5.935
%RSD	.8565430	.2508439	.4791948	.4561638	.1717560
#1	2217.777	3244.325	49967.11	8724.414	3449.184
#2	2235.522	3256.903	50260.66	8731.922	3456.046
#3	2256.055	3259.625	50444.24	8659.695	3461.003

Sample Name: CCB059 Acquired: 03/28/2019 17:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007347	-.001314	.0012604	.0024494	-.004294	.0028591	-.005511
Stddev	.003288	.000931	.0000994	.0018935	.000705	.0043404	.001341
%RSD	44.74952	70.82967	7.882213	77.30495	16.42133	151.8111	24.32617

#1	-.010443	-.001899	.0013751	.0025092	-.003897	.0067995	-.006974
#2	-.007703	-.000241	.0012065	.0043123	-.003877	-.001793	-.005220
#3	-.003896	-.001803	.0011998	.0005267	-.005108	.003571	-.004341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000692	-.000062	.0087268	.0008704	.0003623	.0011101	.0304611
Stddev	.0001265	.000057	.0072675	.0002773	.0001551	.0025313	.0024691
%RSD	182.7995	91.29007	83.27821	31.85401	42.80936	228.0248	8.105620

#1	.0000744	-.000087	.0157937	.0007260	.0005063	.0039268	.0299773
#2	.0001931	-.000102	.0091125	.0011901	.0001981	.0003776	.0331363
#3	-.000060	.000003	.0012741	.0006951	.0003825	-.000974	.0282698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013596	-.010085	-.000447	.0004461	-.339102	.0013001	.0025150
Stddev	.0002200	.016394	.000518	.0003422	.152187	.0011285	.0018483
%RSD	16.17874	162.5621	115.9546	76.71555	44.87921	86.79862	73.49184

#1	.0012603	-.021192	-.000737	.0006590	-.478825	.0000257	.0011026
#2	.0012067	.008745	-.000755	.0006280	-.176943	.0021727	.0046069
#3	.0016117	-.017808	.000151	.0000513	-.361540	.0017020	.0018355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116315	-.000833	.0040675	.0001732	-.007181	-.009366	-.002409
Stddev	.0094405	.002461	.0015189	.0006124	.001235	.001350	.000812
%RSD	4.460828	295.4470	37.34148	353.6382	17.19261	14.41657	33.70918

#1	.2082092	-.002157	.0028319	-.000417	-.005988	-.008713	-.002594
#2	.2043794	-.002349	.0036074	.000131	-.008453	-.010918	-.001521
#3	.2223058	.002007	.0057633	.000806	-.007102	-.008466	-.003114

Sample Name: CCB059 Acquired: 03/28/2019 17:02:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v821) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000113	.0024836	-.000114
Stddev	.000409	.0015908	.000068
%RSD	361.0550	64.05229	59.04814

#1	-.000096	.0043049	-.000093
#2	.000287	.0013659	-.000190
#3	-.000531	.0017800	-.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.035	3758.441	53300.82	9061.044	4278.092
Stddev	4.016	6.866	66.69	15.754	5.913
%RSD	.1583650	.1826919	.1251159	.1738600	.1382200

#1	2537.420	3761.898	53377.31	9059.340	4280.293
#2	2539.175	3762.892	53254.86	9077.580	4282.589
#3	2531.509	3750.533	53270.29	9046.211	4271.394