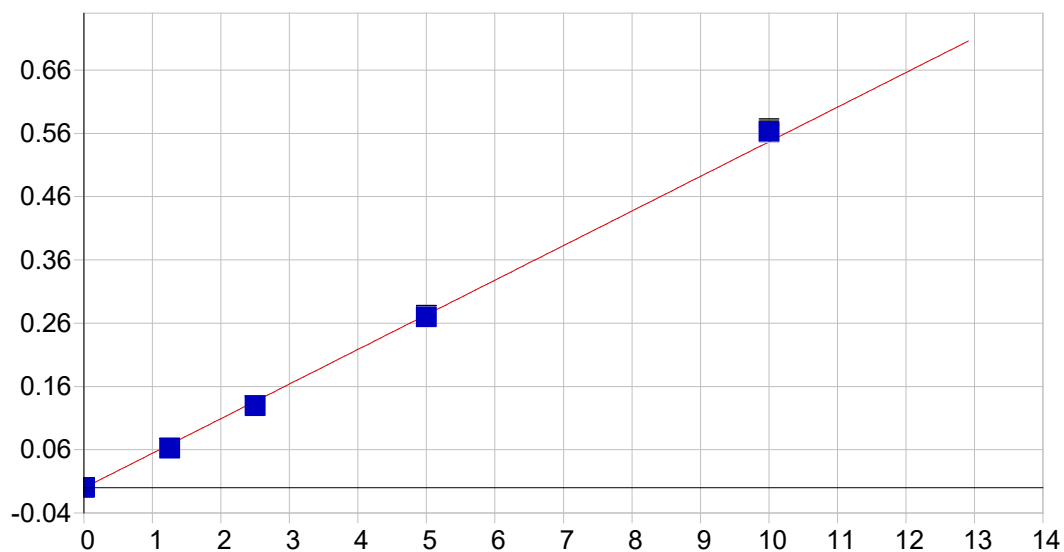


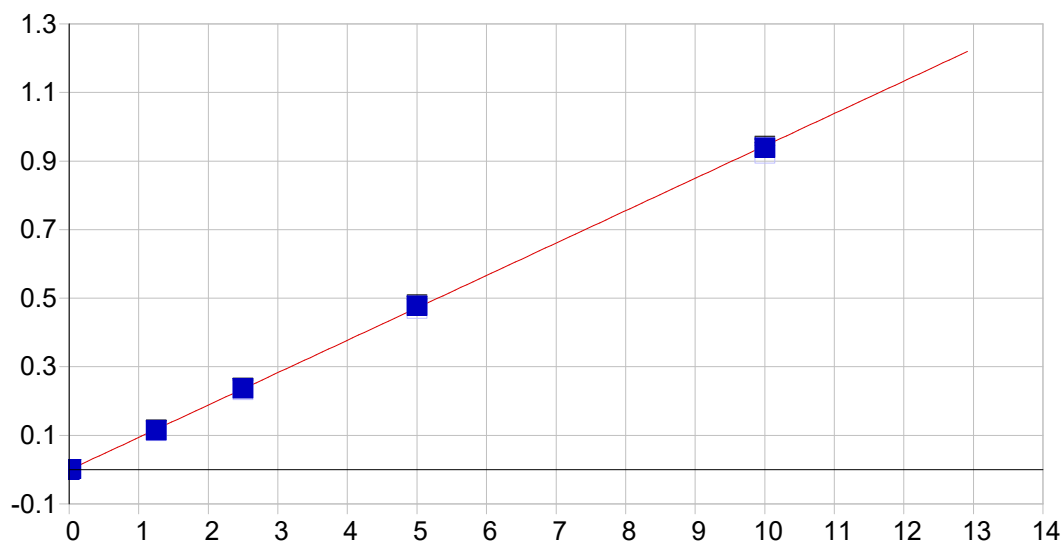


As 189.042 {479}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000291 Re-Slope: 1.000000
 A1 (Gain): 0.054700 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999309 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003064
 Predicted MQL: 0.010212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.01000	.01188	.002	18.8	.00036	.000	1
S2	1.2500	1.1431	-.107	-8.55	.06199	.000	1
S3	2.5000	2.3698	-.130	-5.21	.12885	.001	1
S4	5.0000	4.9394	-.061	-1.21	.26891	.003	1
S5	10.000	10.296	.296	2.96	.56094	.004	1

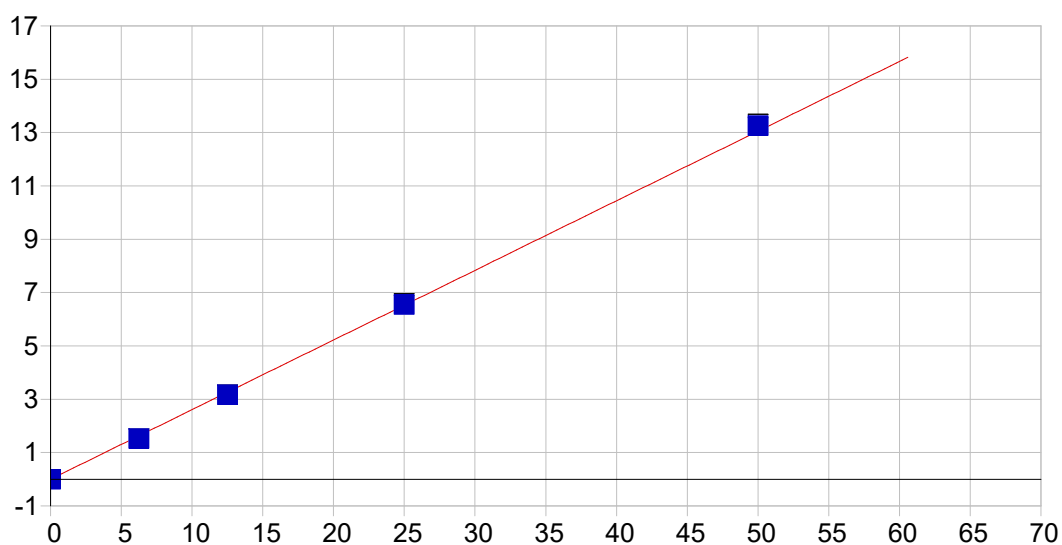


TI 190.856 {477}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000634 Re-Slope: 1.000000
 A1 (Gain): 0.094480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001804
 Predicted MQL: 0.006015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00063	.000	1
S1	.02500	.02647	.001	5.88	.00177	.000	1
S2	1.2500	1.2239	-.026	-2.09	.11282	.000	1
S3	2.5000	2.5114	.011	.456	.23229	.001	1
S4	5.0000	5.0666	.067	1.33	.46935	.002	1
S5	10.000	9.9467	-.053	-.533	.92171	.004	1

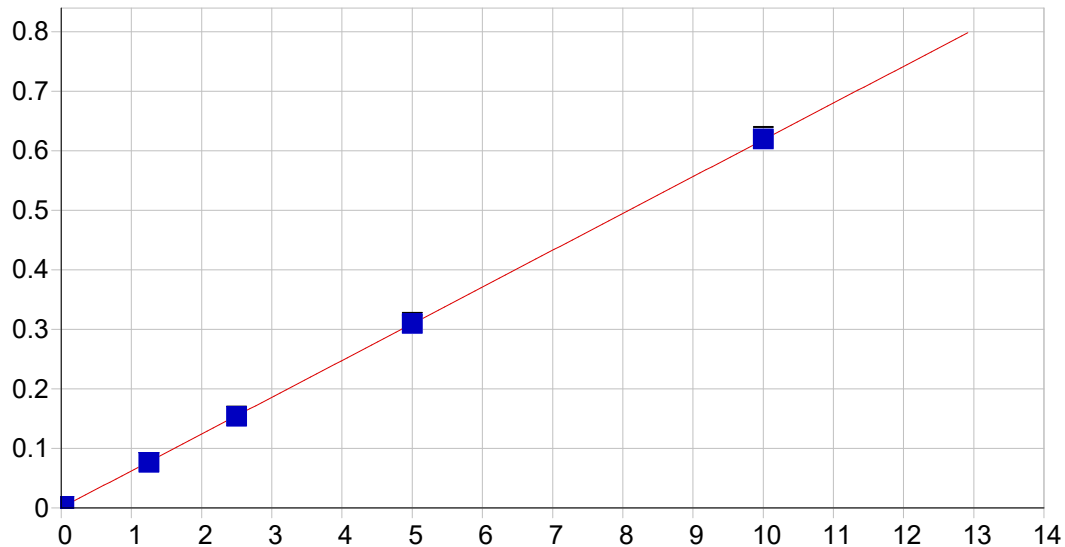


Pb 220.353 {453}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.261069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999703 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.001527
 Predicted MQL: 0.005090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.00908	-.001	-9.17	.00249	.000	1
S2	6.2500	5.8047	-.445	-7.12	1.5154	.003	1
S3	12.500	12.113	-.387	-3.10	3.1621	.013	1
S4	25.000	25.066	.066	.265	6.5435	.035	1
S5	50.000	50.767	.767	1.53	13.252	.066	1

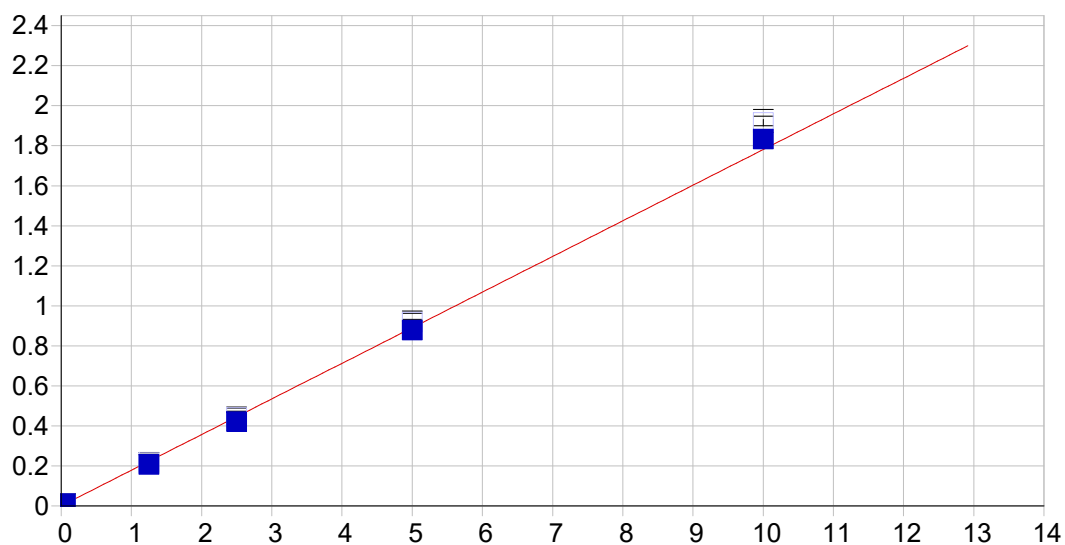


Se 196.090 {472}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000422 Re-Slope: 1.000000
 A1 (Gain): 0.061801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003233
 Predicted MQL: 0.010778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.03500	.04027	.005	15.0	.00291	.000	1
S2	1.2500	1.2273	-.023	-1.82	.07606	.000	1
S3	2.5000	2.4821	-.018	-.715	.15341	.000	1
S4	5.0000	5.0066	.007	.133	.30902	.002	1
S5	10.000	10.029	.029	.287	.61857	.004	1

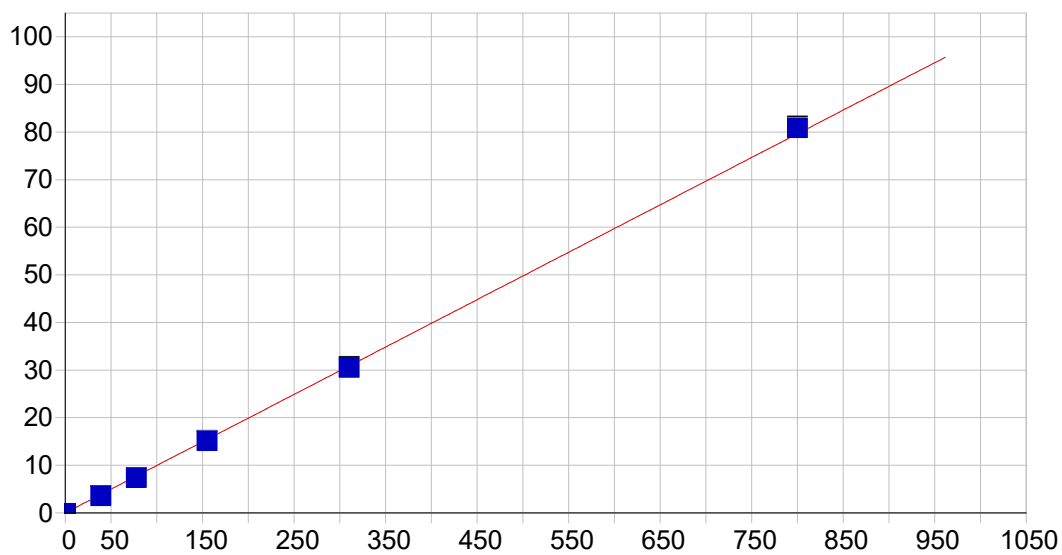


Sb 206.833 {463}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.178035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999407 Status: OK.
 Std Error of Est: 0.000264
 Predicted MDL: 0.001597
 Predicted MQL: 0.005324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.06000	.06505	.005	8.42	.01197	.000	1
S2	1.2500	1.1570	-.093	-7.44	.21661	.001	1
S3	2.5000	2.3648	-.135	-5.41	.44188	.002	1
S4	5.0000	4.9278	-.072	-1.44	.91869	.006	1
S5	10.000	10.296	.296	2.96	1.9153	.017	1

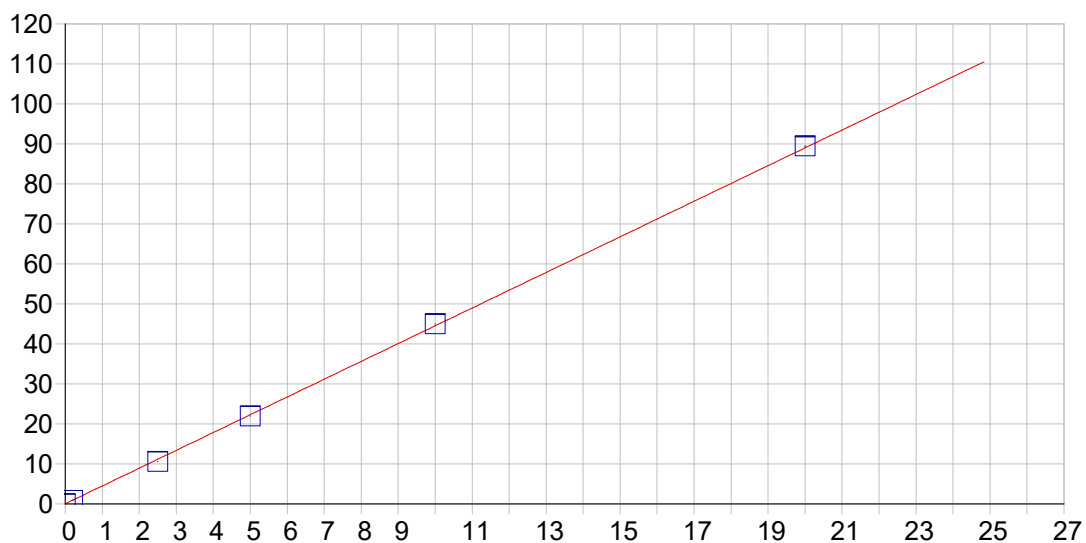


AI 396.152 { 85}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004013 Re-Slope: 1.000000
 A1 (Gain): 0.099548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.001328
 Predicted MDL: 0.014888
 Predicted MQL: 0.049626

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00401	.003	1
S1	.20000	.20931	.009	4.65	.02519	.001	1
S2	38.750	35.974	-2.78	-7.16	3.5928	.014	1
S3	77.500	74.066	-3.43	-4.43	7.3925	.024	1
S4	155.00	152.14	-2.86	-1.84	15.180	.066	1
S5	310.00	306.59	-3.41	-1.10	30.586	.197	1
S6	800.00	812.49	12.5	1.56	80.936	.339	1

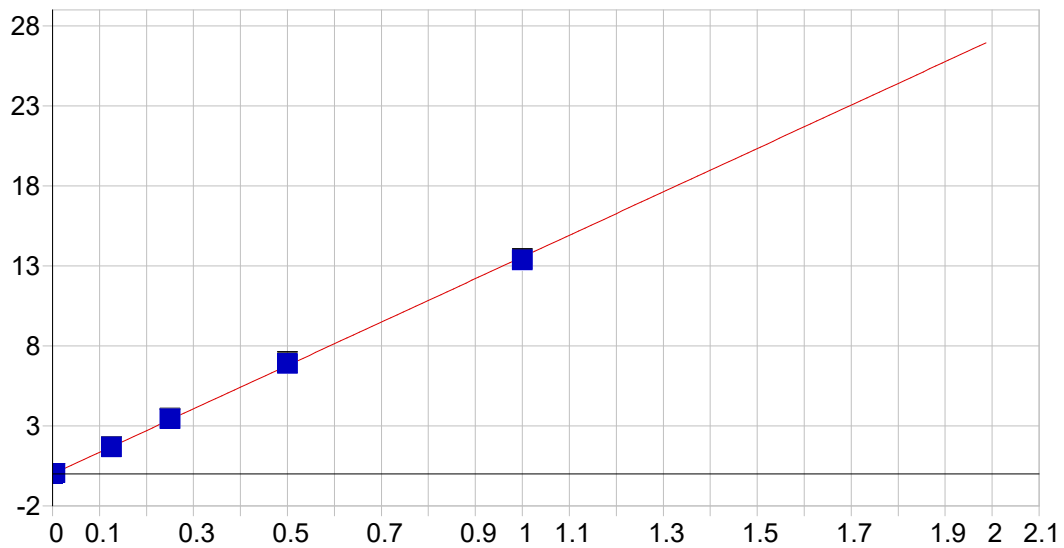


Ba 493.409 { 68}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.039457	Re-Slope:	1.000000
A1 (Gain):	4.448820	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.007670		
Predicted MDL:	0.001018		
Predicted MQL:	0.003393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.03945	.006	1
S1	.20000	.21244	.012	6.22	.98458	.005	1
S2	2.5000	2.3708	-.129	-5.17	10.587	.013	1
S3	5.0000	4.9270	-.073	-1.46	21.959	.029	1
S4	10.000	10.100	.100	1.00	44.973	.034	1
S5	20.000	20.090	.090	.448	89.415	.137	1

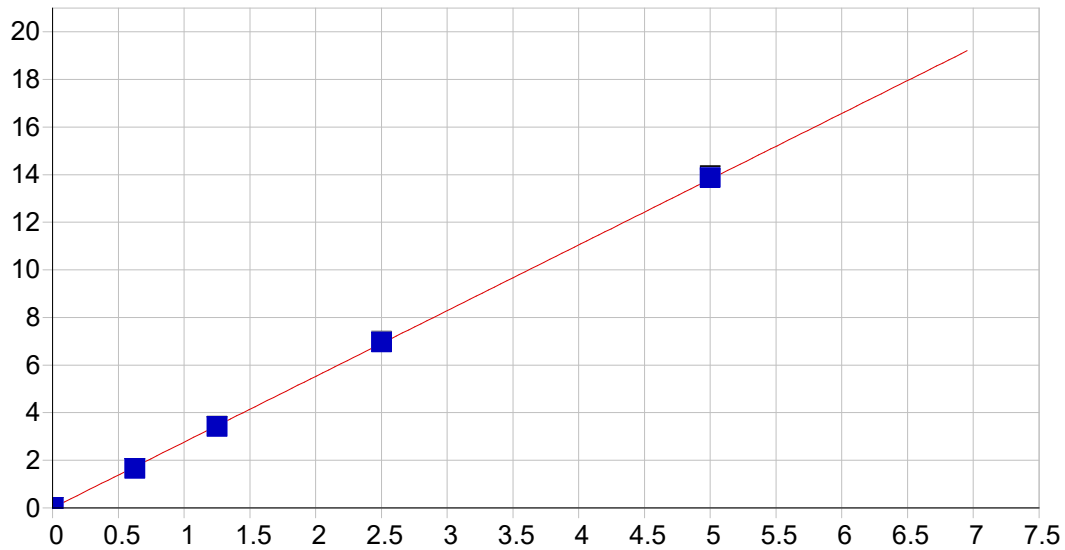


Be 234.861 {144}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003849	Re-Slope:	1.000000
A1 (Gain):	13.561137	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999877	Status:	OK.
Std Error of Est:	0.000795		
Predicted MDL:	0.000062		
Predicted MQL:	0.000208		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00385	.000	1
S1	.00500	.00537	.000	7.34	.06889	.000	1
S2	.12500	.12483	-.000	-.136	1.6834	.001	1
S3	.25000	.25457	.005	1.83	3.4372	.038	1
S4	.50000	.50893	.009	1.79	6.8753	.116	1
S5	1.0000	.98630	-.014	-1.37	13.326	.091	1

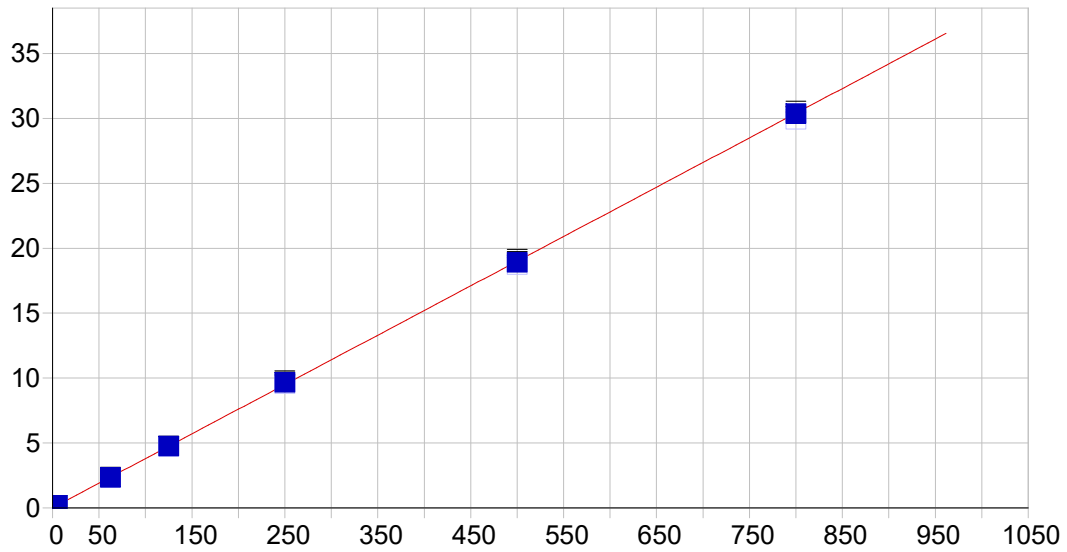


Cd 214.438 {457}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000368 Re-Slope: 1.000000
 A1 (Gain): 2.762105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000304
 Predicted MDL: 0.000088
 Predicted MQL: 0.000293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.00500	.00529	.000	5.81	.01499	.000	1
S2	.62500	.59811	-.027	-4.30	1.6551	.004	1
S3	1.2500	1.2347	-.015	-1.22	3.4161	.014	1
S4	2.5000	2.5203	.020	.811	6.9722	.035	1
S5	5.0000	5.0216	.022	.432	13.892	.057	1

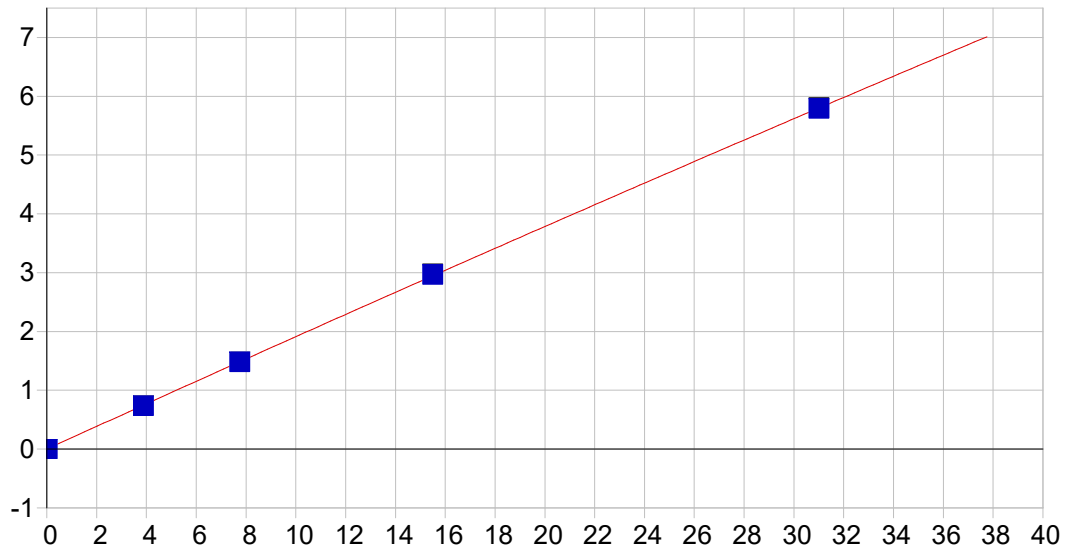


Ca 373.690 { 90}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002986 Re-Slope: 1.000000
 A1 (Gain): 0.038000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.001161
 Predicted MDL: 0.027919
 Predicted MQL: 0.093062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00038	-.000	.000	.00297	.000	1
S1	5.0000	5.4183	.418	8.37	.20882	.003	1
S2	62.500	61.424	-1.08	-1.72	2.3159	.020	1
S3	125.00	124.97	-.026	-.021	4.7095	.016	1
S4	250.00	254.08	4.08	1.63	9.5729	.117	1
S5	500.00	497.52	-2.48	-.496	18.739	.239	1
S6	800.00	799.08	-.924	-.115	29.914	.193	1

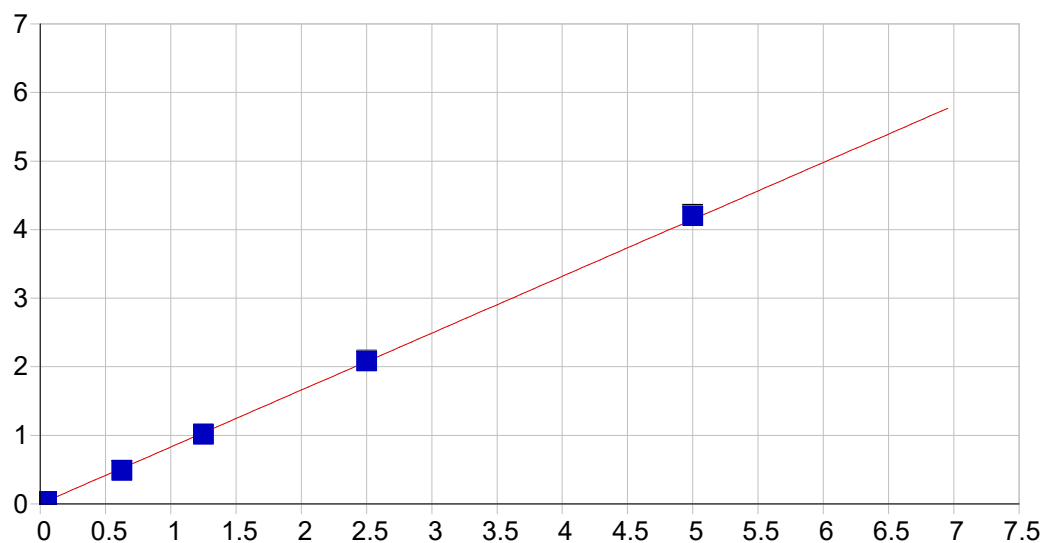


Cr 267.716 {126}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.193233 Y-int: 0.000000
 A2 (Curvature): -0.000198
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000540
 Predicted MQL: 0.001800

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01211	.002	21.1	.00235	.000	1
S2	3.8750	3.8174	-.058	-1.49	.73570	.003	1
S3	7.7500	7.7390	-.011	-.142	1.4854	.004	1
S4	15.500	15.616	.116	.746	2.9728	.003	1
S5	31.000	30.951	-.049	-.159	5.7981	.007	1

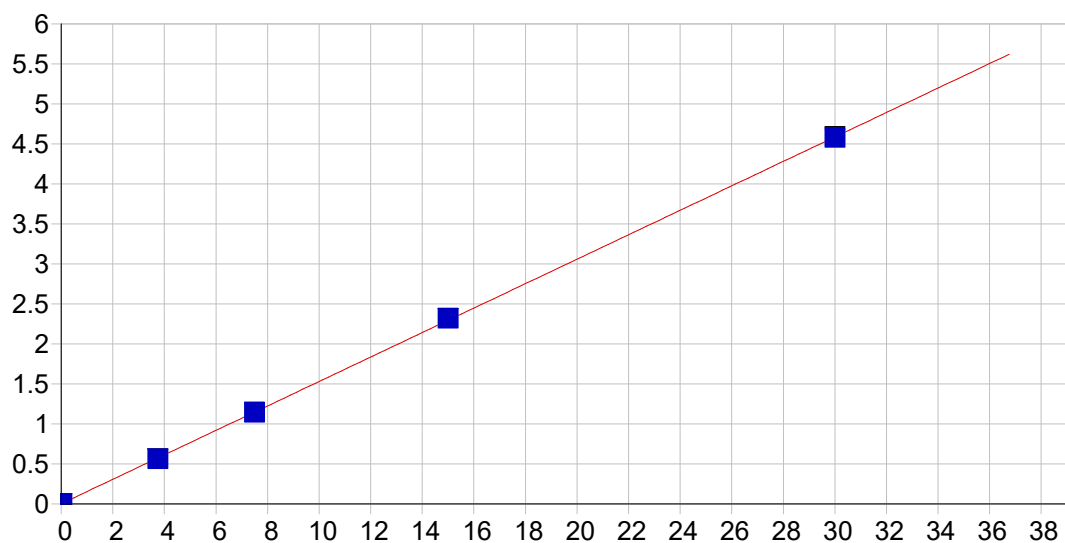


Co 228.616 {448}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000631 Re-Slope: 1.000000
 A1 (Gain): 0.829722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000448
 Predicted MDL: 0.000287
 Predicted MQL: 0.000956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.05000	.04973	-.000	-.537	.04204	.000	1
S2	.62500	.58596	-.039	-6.25	.48764	.002	1
S3	1.2500	1.2201	-.030	-2.39	1.0146	.005	1
S4	2.5000	2.5105	.010	.420	2.0869	.010	1
S5	5.0000	5.0587	.059	1.17	4.2046	.019	1

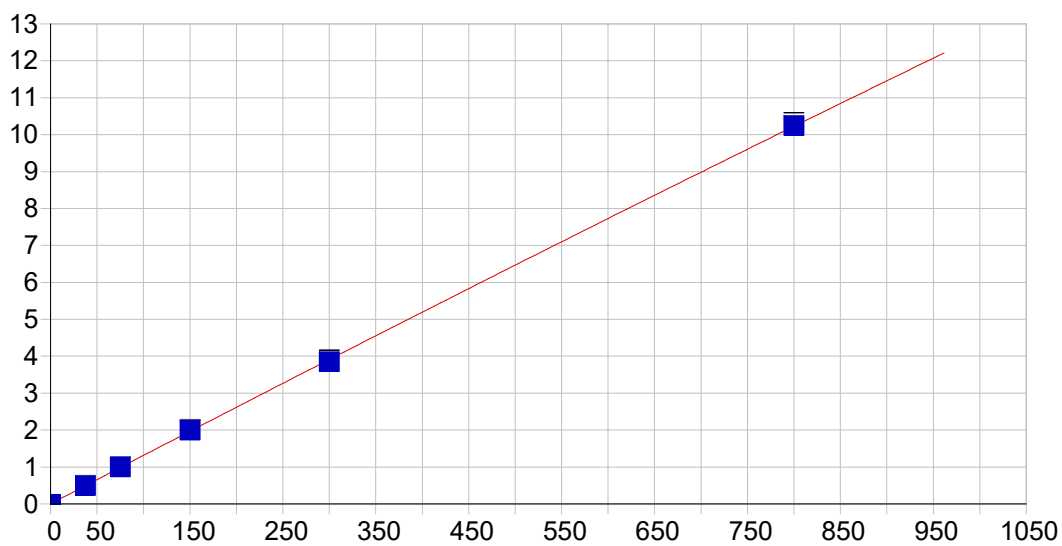


Cu 324.754 {104}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001860	Re-Slope:	1.000000
A1 (Gain):	0.152840	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000057		
Predicted MDL:	0.004868		
Predicted MQL:	0.016227		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00186	.002	1
S1	.02500	.02591	.001	3.66	.00582	.000	1
S2	3.7500	3.6668	-.083	-2.22	.56186	.001	1
S3	7.5000	7.4803	-.020	-.263	1.1443	.002	1
S4	15.000	15.160	.160	1.07	2.3172	.002	1
S5	30.000	29.942	-.058	-.193	4.5748	.014	1

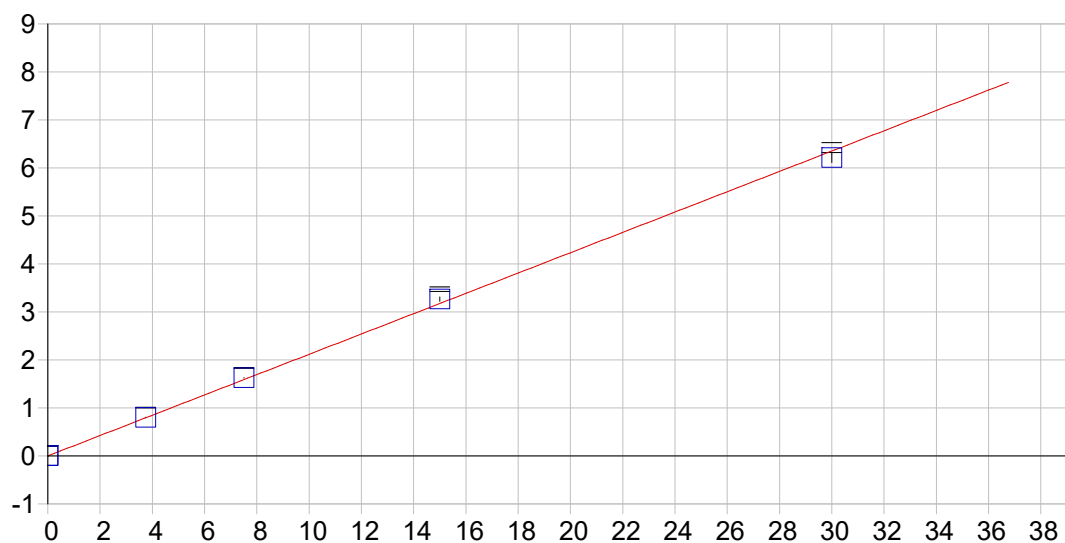


Fe 259.837 {130}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.013187 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.027463
 Predicted MQL: 0.091542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00029	.000	1
S1	.10000	.12888	.029	28.9	.00205	.000	1
S2	37.500	37.425	-.075	-.201	.49412	.005	1
S3	75.000	76.061	1.06	1.42	1.0024	.004	1
S4	150.00	152.35	2.35	1.56	2.0016	.015	1
S5	300.00	295.42	-4.58	-1.53	3.8599	.037	1
S6	800.00	801.22	1.22	.153	10.254	.078	1

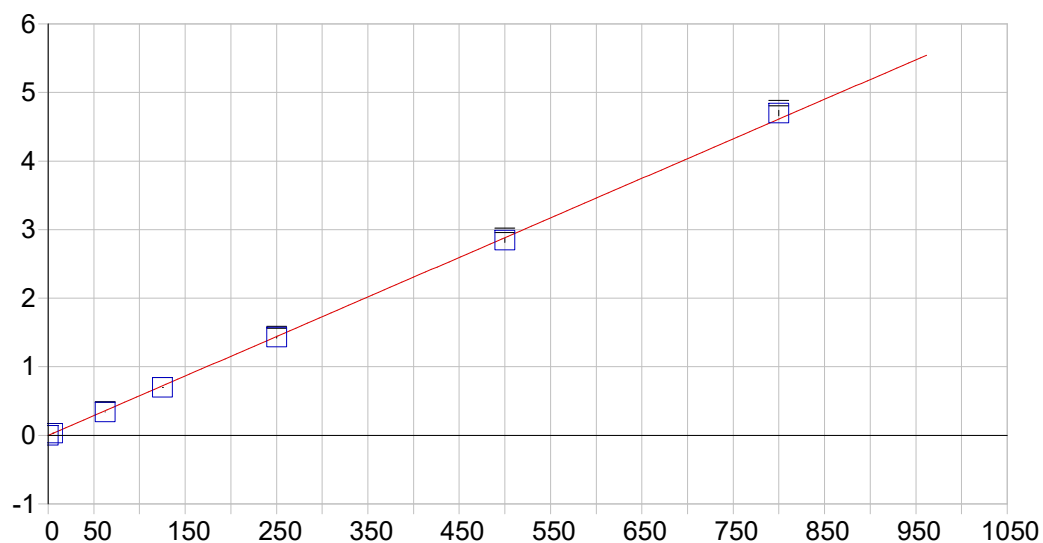


Mn 257.610 {131}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.211690 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999727 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.001585
 Predicted MQL: 0.005282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.01500	.01656	.002	10.4	.00369	.000	1
S2	3.7500	3.7786	.029	.763	.80008	.008	1
S3	7.5000	7.6731	.173	2.31	1.6245	.006	1
S4	15.000	15.437	.437	2.91	3.2680	.046	1
S5	30.000	29.360	-.640	-2.13	6.2155	.103	1

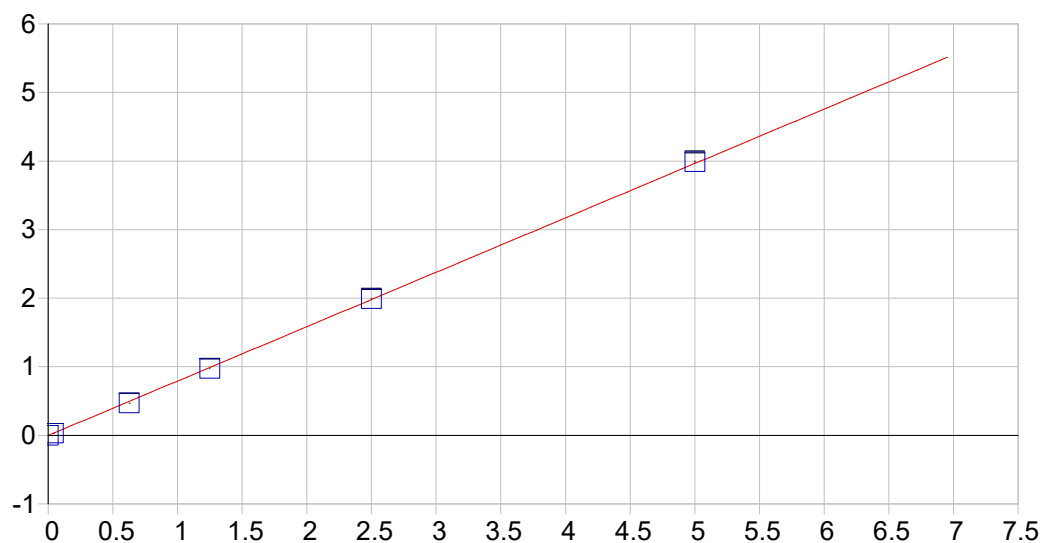


Mg 279.079 {121}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.005765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000404
 Predicted MDL: 0.071771
 Predicted MQL: 0.239235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	.00004	.000	1
S1	5.0000	5.2375	.238	4.75	.03023	.001	1
S2	62.500	58.994	-3.51	-5.61	.34015	.003	1
S3	125.00	121.38	-3.62	-2.89	.69984	.001	1
S4	250.00	248.36	-1.64	-.657	1.4319	.013	1
S5	500.00	493.30	-6.70	-1.34	2.8440	.032	1
S6	800.00	815.23	15.2	1.90	4.7000	.039	1

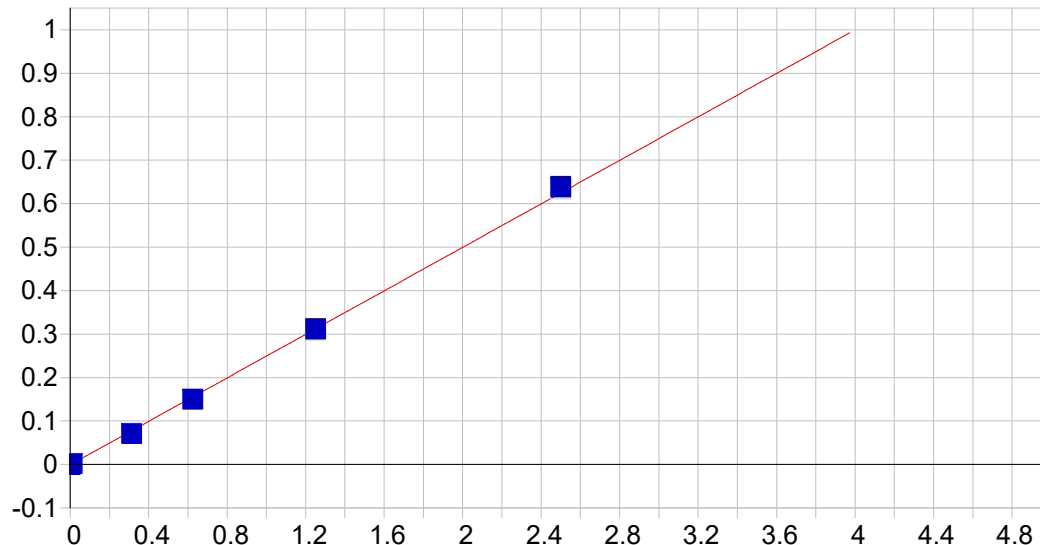


Ni 231.604 {446}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001973	Re-Slope:	1.000000
A1 (Gain):	0.793238	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.000286		
Predicted MDL:	0.000393		
Predicted MQL:	0.001311		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00197	.000	1
S1	.04000	.04255	.003	6.37	.03178	.000	1
S2	.62500	.59501	-.030	-4.80	.47001	.002	1
S3	1.2500	1.2311	-.019	-1.51	.97455	.004	1
S4	2.5000	2.5143	.014	.570	1.9924	.010	1
S5	5.0000	5.0321	.032	.642	3.9897	.015	1

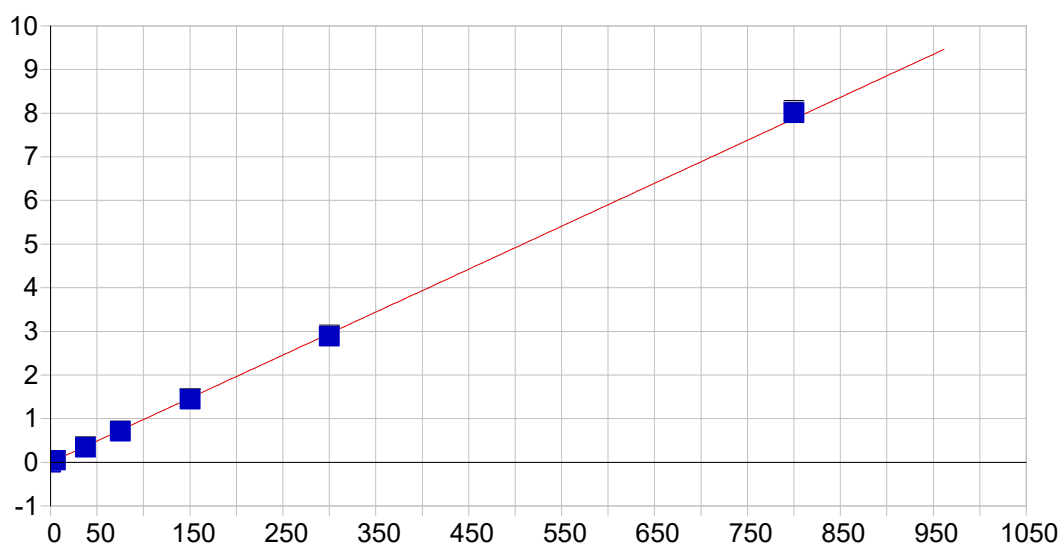


Ag 328.068 {103}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000942 Re-Slope: 1.000000
 A1 (Gain): 0.250192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.000061
 Predicted MDL: 0.000592
 Predicted MQL: 0.001974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.01000	.01077	.001	7.69	.00173	.000	1
S2	.31250	.28788	-.025	-7.88	.07057	.000	1
S3	.62500	.60212	-.023	-3.66	.14868	.001	1
S4	1.2500	1.2454	-.005	-.370	.30860	.002	1
S5	2.5000	2.5514	.051	2.05	.63331	.003	1

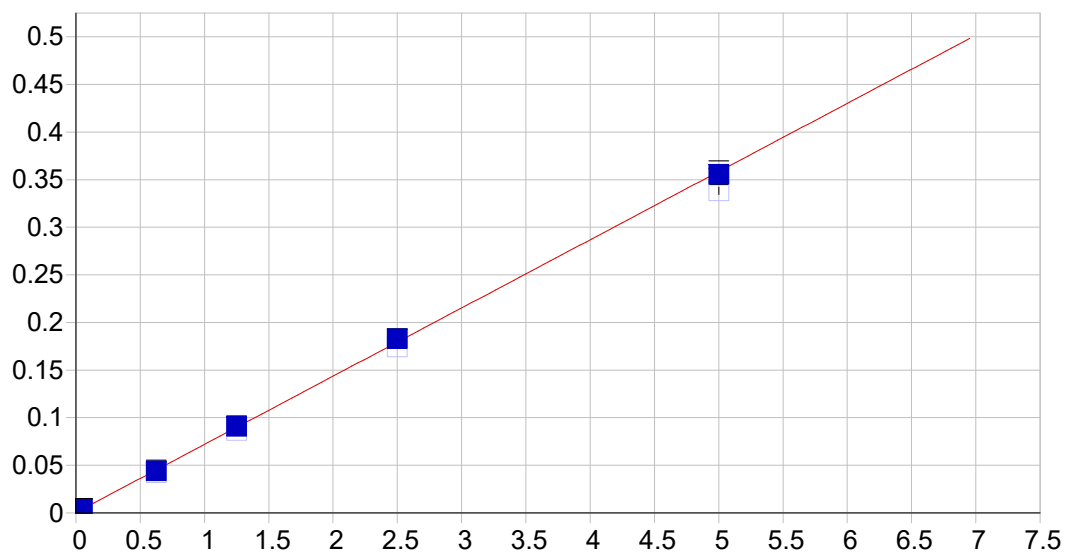


Na 818.326 { 41}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.005584	Re-Slope:	1.000000
A1 (Gain):	0.009847	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.000679		
Predicted MDL:	0.336838		
Predicted MQL:	1.122793		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	-.00558	.001	1
S1	5.0000	5.4686	.469	9.37	.04827	.002	1
S2	37.500	35.384	-2.12	-5.64	.34446	.003	1
S3	75.000	72.302	-2.70	-3.60	.70962	.005	1
S4	150.00	147.38	-2.62	-1.75	1.4522	.011	1
S5	300.00	293.42	-6.58	-2.19	2.8967	.020	1
S6	800.00	813.55	13.6	1.69	8.0401	.026	1

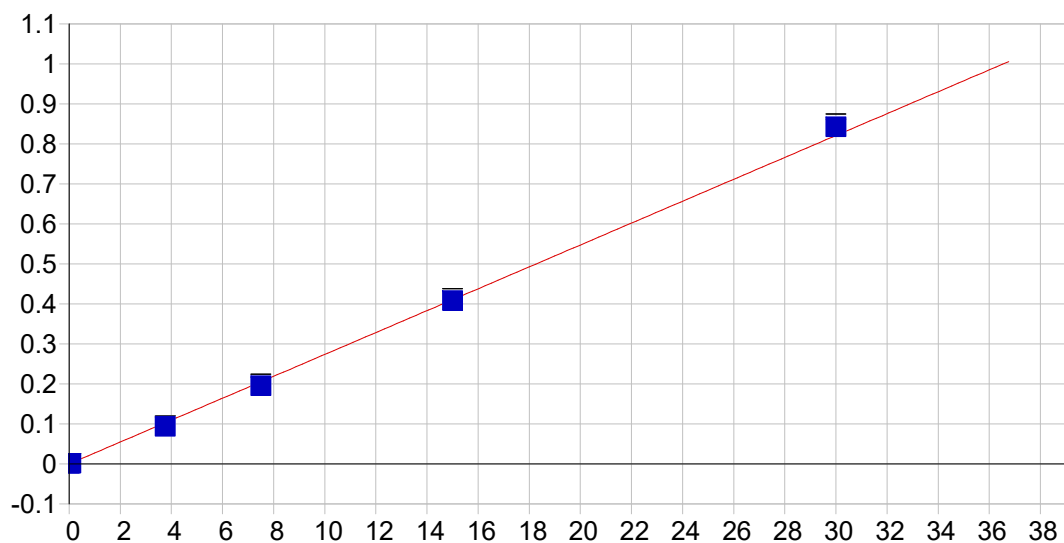


V 292.402 {115}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.071633	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.007037		
Predicted MQL:	0.023457		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.05000	.05235	.002	4.70	.00410	.001	1
S2	.62500	.61007	-.015	-2.39	.04192	.001	1
S3	1.2500	1.2596	.010	.767	.08630	.001	1
S4	2.5000	2.5458	.046	1.83	.17414	.000	1
S5	5.0000	4.9571	-.043	-.857	.33829	.004	1

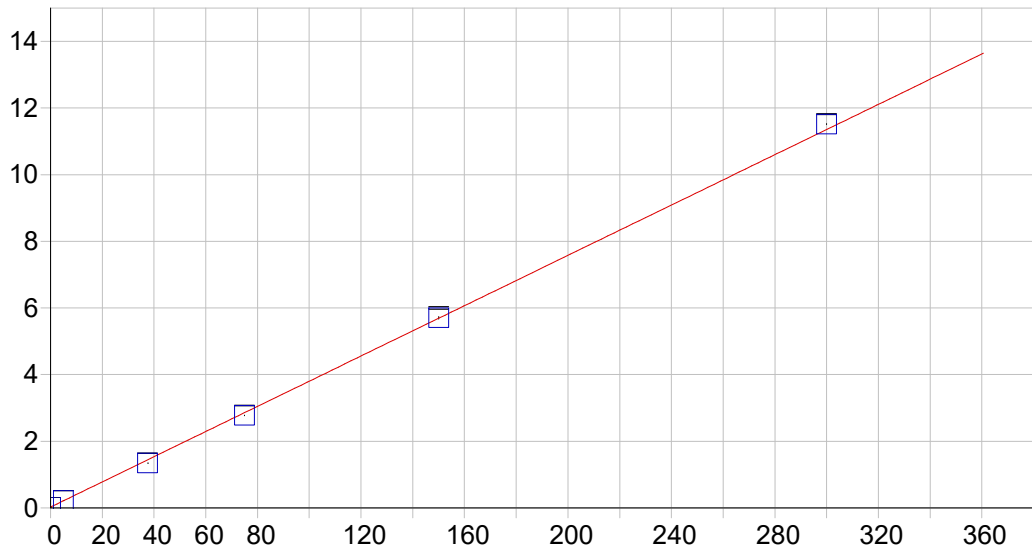


Zn 213.856 {158}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.027363 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999402 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.014755
 Predicted MQL: 0.049184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.000	1
S1	.06000	.06168	.002	2.80	.00176	.000	1
S2	3.7500	3.4297	-.320	-8.54	.09408	.002	1
S3	7.5000	7.1273	-.373	-4.97	.19543	.004	1
S4	15.000	14.897	-.103	-.684	.40838	.005	1
S5	30.000	30.794	.794	2.65	.84403	.007	1



K 769.896 { 44 }

Date of Fit: 02/20/2019 17:23:27

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.026427

Re-Slope: 1.000000

A1 (Gain): 0.037762

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999727

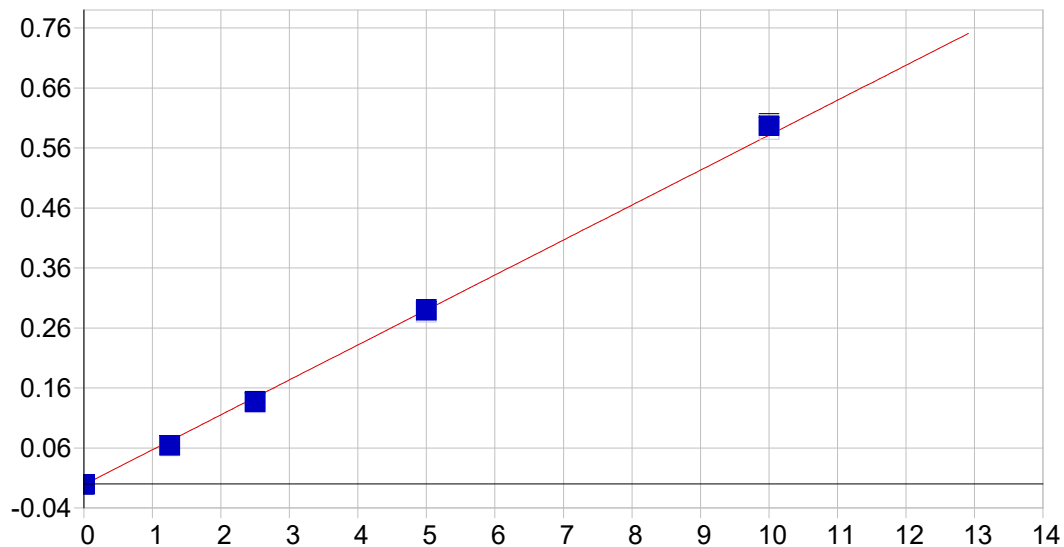
Status: OK.

Std Error of Est: 0.001820

Predicted MDL: 0.079131

Predicted MQL: 0.263772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	.02644	.002	1
S1	5.0000	5.1613	.161	3.23	.22132	.003	1
S2	37.500	34.933	-2.57	-6.84	1.3456	.001	1
S3	75.000	72.759	-2.24	-2.99	2.7739	.013	1
S4	150.00	150.36	.358	.239	5.7042	.037	1
S5	300.00	304.29	4.29	1.43	11.517	.014	1

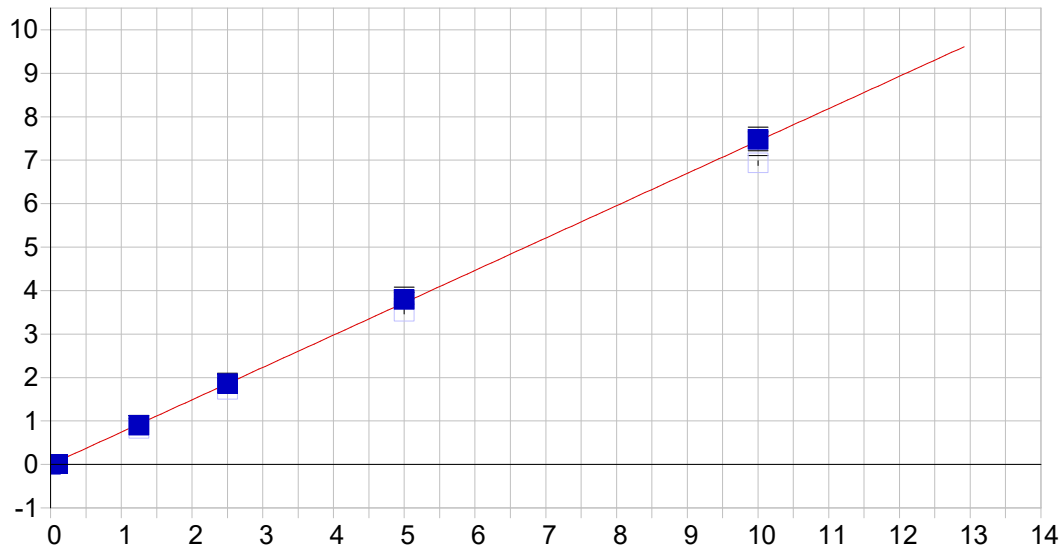


P 177.495 {490}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001368 Re-Slope: 1.000000
 A1 (Gain): 0.058264 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999246 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002308
 Predicted MQL: 0.007694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00137	.000	1
S1	.01000	.01106	.001	10.6	-.00073	.000	1
S2	1.2500	1.1206	-.129	-10.3	.06311	.000	1
S3	2.5000	2.3694	-.131	-5.22	.13505	.001	1
S4	5.0000	4.9880	-.012	-.239	.28599	.002	1
S5	10.000	10.271	.271	2.71	.59052	.004	1

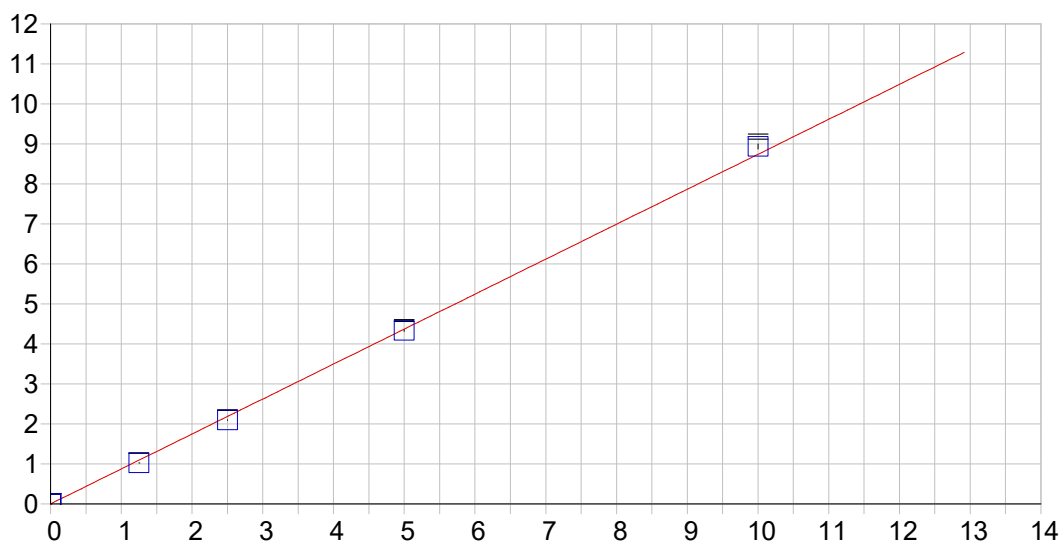


B 249.678 {135}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001503 Re-Slope: 1.000000
 A1 (Gain): 0.744325 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997506 Status: OK.
 Std Error of Est: 0.002596
 Predicted MDL: 0.001158
 Predicted MQL: 0.003859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00144	.001	1
S1	.10000	.01197	-.088	-88.0	.00726	.001	1
S2	1.2500	1.2057	-.044	-3.54	.82840	.003	1
S3	2.5000	2.4964	-.004	-.143	1.7216	.018	1
S4	5.0000	5.0963	.096	1.93	3.5217	.060	1
S5	10.000	10.046	.046	.463	6.9360	.055	1

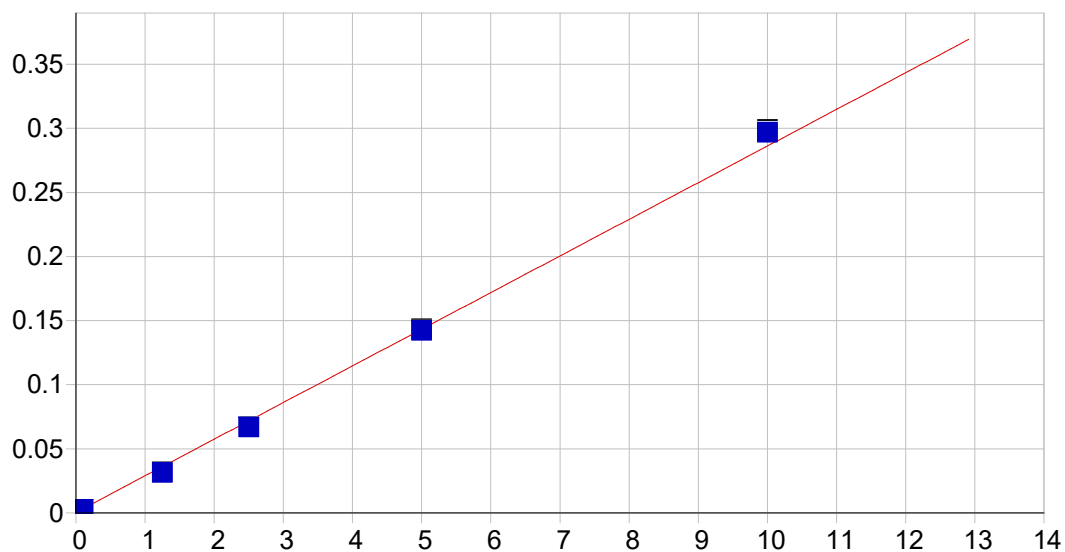


Mo 202.030 {467}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000501 Re-Slope: 1.000000
 A1 (Gain): 0.873979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599 Status: OK.
 Std Error of Est: 0.000415
 Predicted MDL: 0.000289
 Predicted MQL: 0.000964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.01000	.01054	.001	5.44	.00972	.000	1
S2	1.2500	1.1697	-.080	-6.42	1.0228	.003	1
S3	2.5000	2.3947	-.105	-4.21	2.0934	.007	1
S4	5.0000	4.9589	-.041	-.821	4.3345	.024	1
S5	10.000	10.226	.226	2.26	8.9379	.066	1

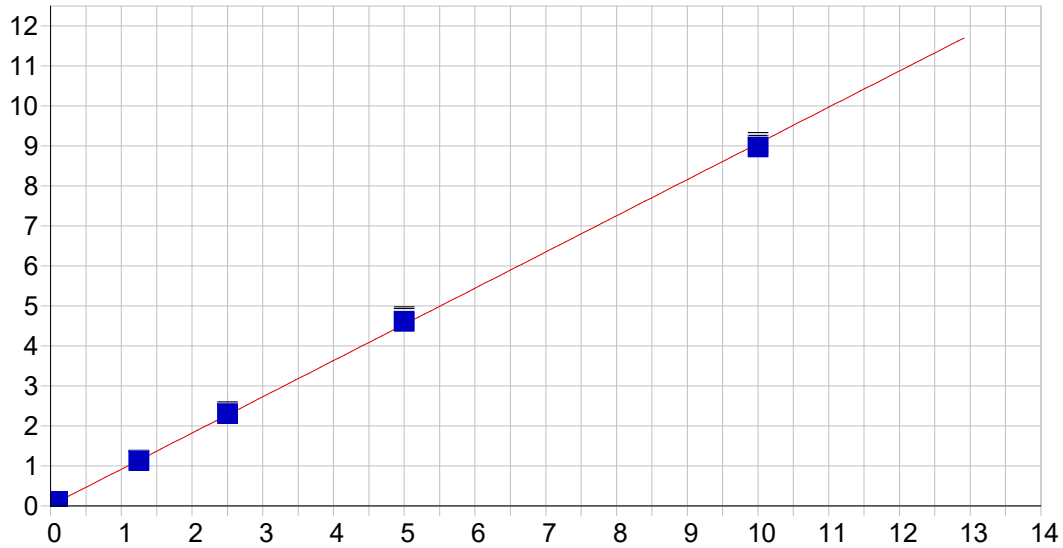


S 182.034 {485}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000370	Re-Slope:	1.000000
A1 (Gain):	0.028586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998728	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.004495		
Predicted MQL:	0.014984		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00037	.000	1
S1	.10000	.08605	-.014	-14.0	.00283	.000	1
S2	1.2500	1.0914	-.159	-12.7	.03164	.000	1
S3	2.5000	2.3283	-.172	-6.87	.06708	.000	1
S4	5.0000	4.9678	-.032	-.644	.14268	.001	1
S5	10.000	10.376	.376	3.76	.29760	.001	1

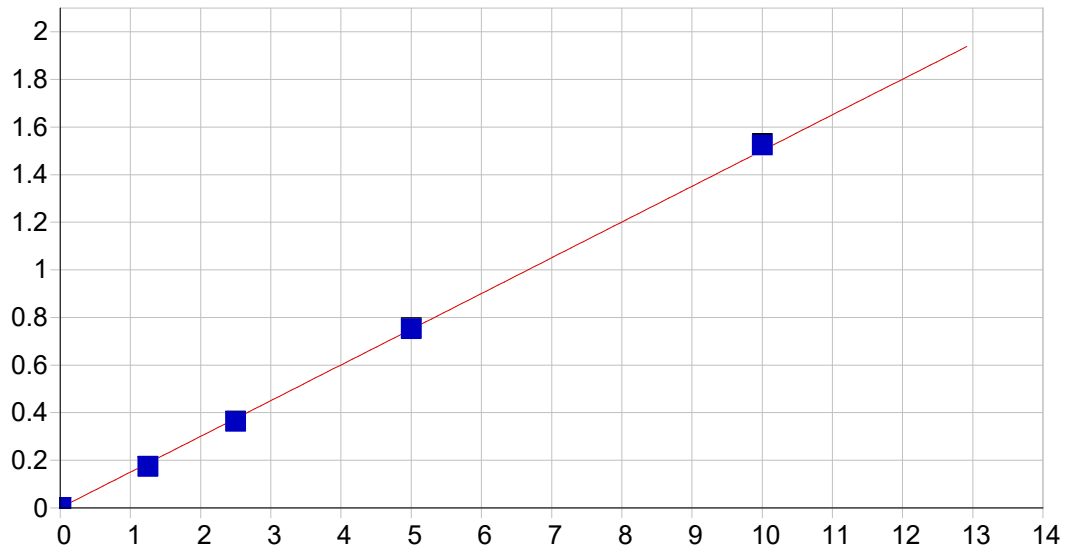


Si 251.611 {134}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.012455	Re-Slope:	1.000000
A1 (Gain):	0.905316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000652		
Predicted MDL:	0.001104		
Predicted MQL:	0.003681		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01245	.000	1
S1	.10000	.10682	.007	6.82	.10949	.002	1
S2	1.2500	1.2311	-.019	-1.51	1.1370	.004	1
S3	2.5000	2.5321	.032	1.28	2.3248	.030	1
S4	5.0000	5.0803	.080	1.61	4.6518	.074	1
S5	10.000	9.8997	-.100	-1.00	9.0549	.036	1

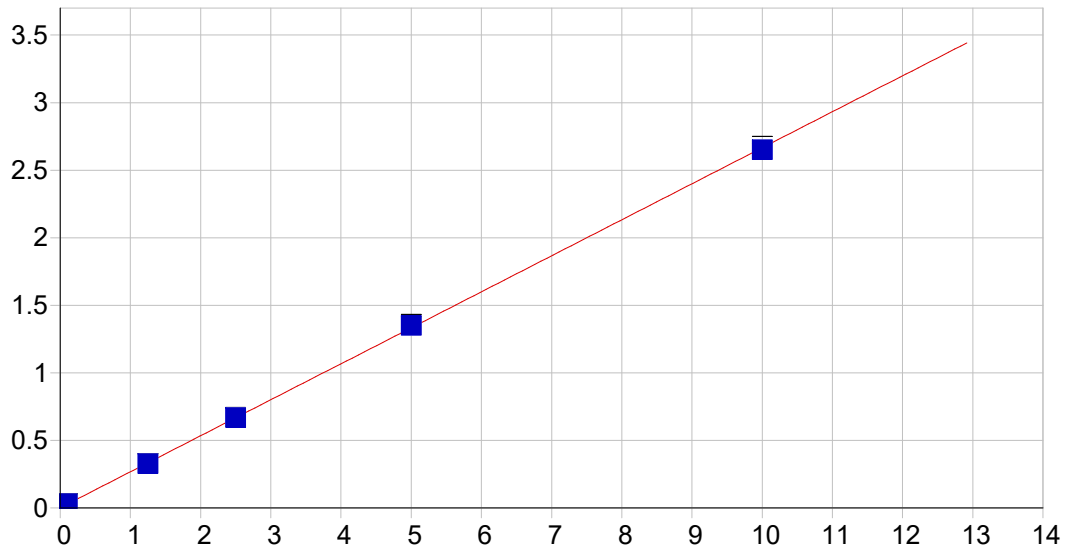


Sn 189.989 {478}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.150088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999681 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.000972
 Predicted MQL: 0.003241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00693	-.000	-.978	.00121	.000	1
S2	1.2500	1.1576	-.092	-7.39	.17356	.001	1
S3	2.5000	2.4196	-.080	-3.22	.36258	.002	1
S4	5.0000	5.0161	.016	.322	.75150	.004	1
S5	10.000	10.157	.157	1.57	1.5215	.006	1

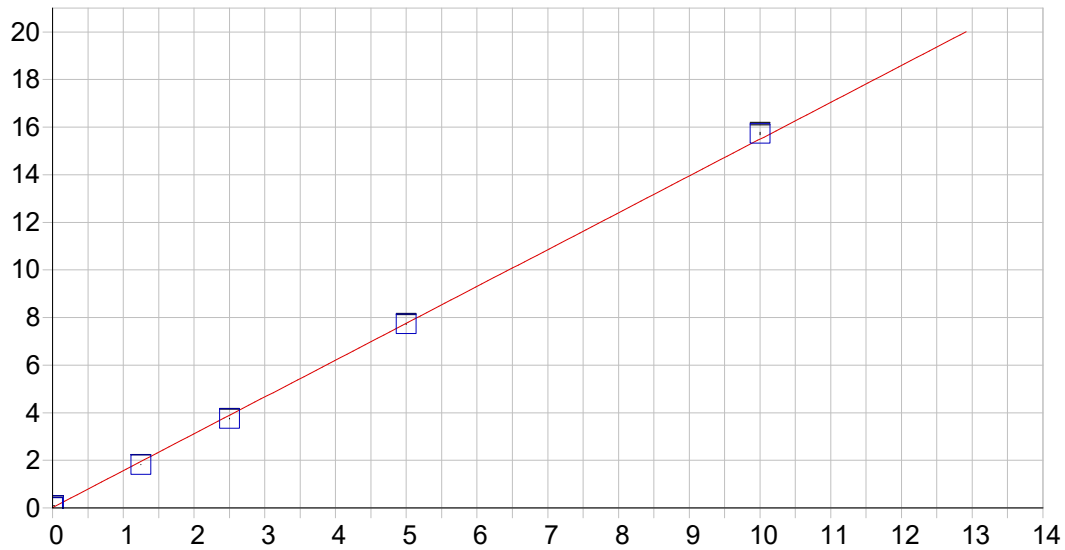


Ti 336.121 {100}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001124	Re-Slope:	1.000000
A1 (Gain):	0.266446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000174		
Predicted MDL:	0.002803		
Predicted MQL:	0.009343		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00112	.000	1
S1	.10000	.11107	.011	11.1	.03071	.001	1
S2	1.2500	1.2242	-.026	-2.06	.32719	.001	1
S3	2.5000	2.5032	.003	.128	.66786	.002	1
S4	5.0000	5.0640	.064	1.28	1.3499	.008	1
S5	10.000	9.9475	-.052	-.525	2.6507	.026	1



Li 670.784 { 50}

Date of Fit: 02/20/2019 17:23:27 Type of Fit: Linear Weighting: 1/Conc

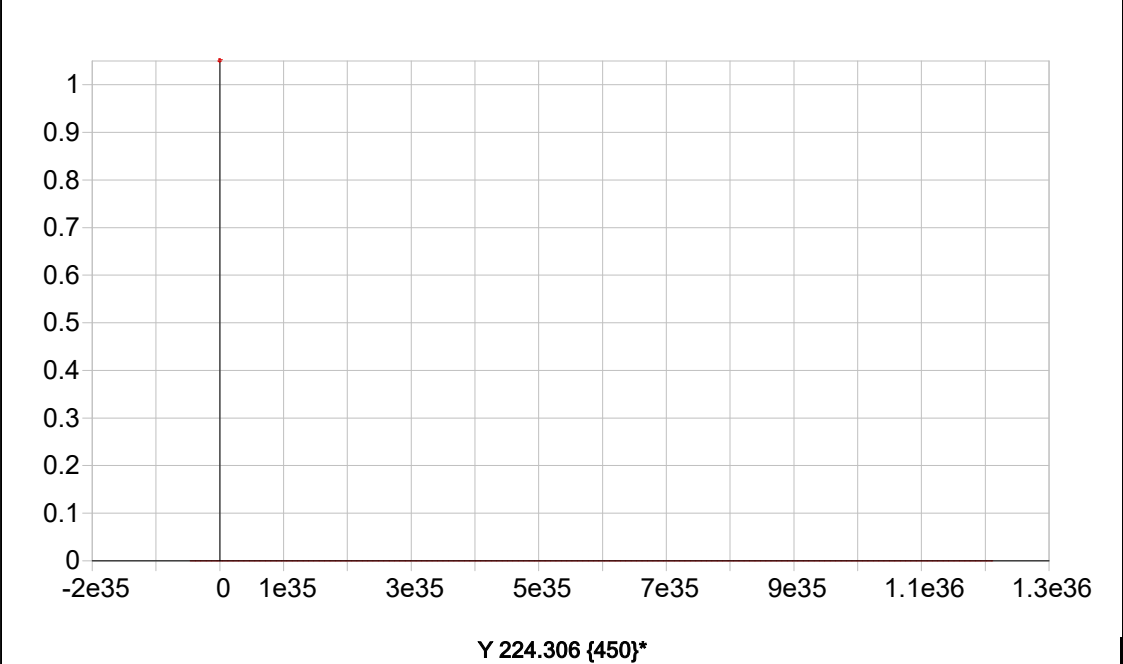
A0 (Offset): 0.018443 Re-Slope: 1.000000
 A1 (Gain): 1.547652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997349 Status: OK.
 Std Error of Est: 0.002319
 Predicted MDL: 0.002160
 Predicted MQL: 0.007200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01839	.002	1
S5	10.000	10.154	.154	1.54	15.734	.054	1
S4	5.0000	4.9856	-.014	-.289	7.7343	.023	1
S3	2.5000	2.4106	-.089	-3.58	3.7492	.010	1
S2	1.2500	1.1631	-.087	-6.95	1.8185	.006	1
S1	.01500	.05136	.036	242.	.09793	.002	1



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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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		





Y 371.030 { 91}*

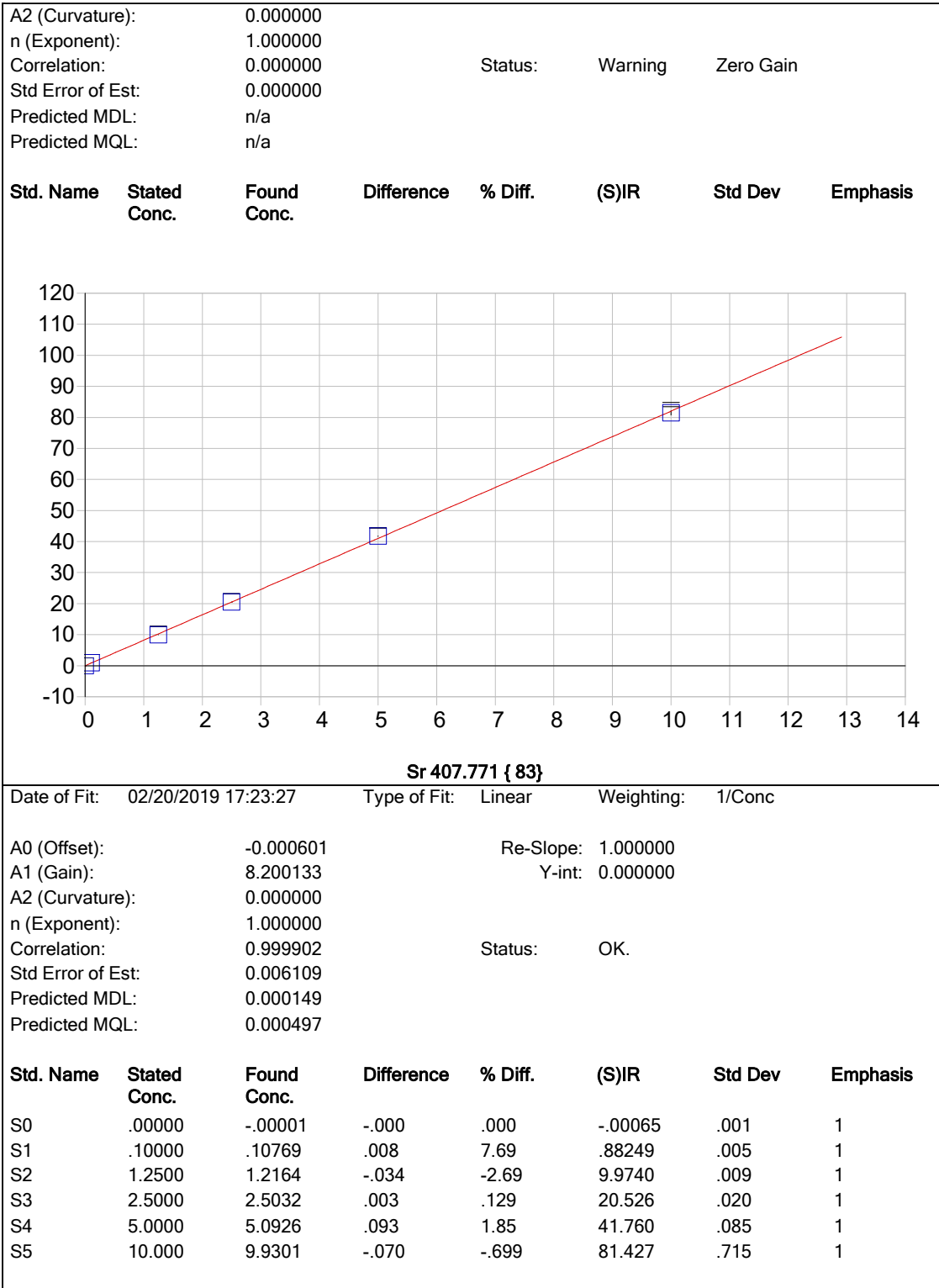
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 02/20/2019 14:49:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	-.00029	-.00063	.00012	.00042	.00038	.00401	.03945	-.00385
Stddev	.00007	.00003	.00024	.00012	.00016	.00254	.00556	.00017
%RSD	23.519	4.3608	209.03	28.642	42.417	63.296	14.088	4.3614
#1	-.00037	-.00062	.00032	.00031	.00052	.00572	.04050	-.00382
#2	-.00027	-.00062	.00018	.00055	.00041	.00523	.04440	-.00404
#3	-.00024	-.00067	-.00015	.00041	.00021	.00109	.03344	-.00370
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	.00037	.00297	.00001	.00063	.00186	.00029	.00019	.00004
Stddev	.00009	.00012	.00009	.00014	.00153	.00015	.00042	.00012
%RSD	25.183	3.8868	1307.4	21.544	82.391	49.612	225.55	336.30
#1	.00026	.00284	-.00008	.00058	.00341	.00046	.00009	.00016
#2	.00044	.00302	.00010	.00079	.00034	.00021	.00065	-.00009
#3	.00040	.00305	.00000	.00053	.00183	.00021	-.00018	.00004
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	-.00197	-.00094	-.00558	.00036	.00007	.02644	-.00137	-.00144
Stddev	.00043	.00005	.00114	.00014	.00013	.00214	.00005	.00097
%RSD	21.594	5.3147	20.439	40.192	204.65	8.1033	3.9545	67.229
#1	-.00242	-.00099	-.00654	.00043	.00013	.02779	-.00139	-.00167
#2	-.00158	-.00089	-.00432	.00046	.00016	.02397	-.00131	-.00038
#3	-.00192	-.00095	-.00589	.00019	-.00009	.02756	-.00141	-.00226
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	.00050	.00037	.01245	.00020	.00112	.01839	-.00065	
Stddev	.00009	.00003	.00018	.00009	.00013	.00222	.00082	
%RSD	18.239	7.8168	1.4205	43.857	11.983	12.066	125.36	
#1	.00043	.00034	.01226	.00030	.00128	.01623	-.00019	
#2	.00047	.00040	.01261	.00012	.00104	.02066	-.00160	
#3	.00060	.00037	.01247	.00019	.00104	.01827	-.00017	

Sample Name: S0 Acquired: 02/20/2019 14:49:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1836.6	2593.8	39160.	3405.7	3117.0
Stddev	4.1	11.1	90.	3.6	13.6
%RSD	.22102	.42773	.23008	.10475	.43640
#1	1832.0	2592.9	39058.	3402.0	3128.2
#2	1838.4	2605.3	39230.	3405.8	3120.8
#3	1839.5	2583.2	39193.	3409.1	3101.9

Sample Name: S1 Acquired: 02/20/2019 14:54:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.00036	.00177	.00249	.00291	.01197	.02519	.98458	.06889
Stddev	.00025	.00010	.00030	.00009	.00015	.00106	.00508	.00032
%RSD	70.413	5.4025	12.000	3.2550	1.2118	4.2099	.51627	.47029
#1	.00016	.00168	.00215	.00282	.01207	.02398	.97881	.06855
#2	.00064	.00176	.00272	.00301	.01180	.02594	.98839	.06920
#3	.00027	.00187	.00259	.00291	.01203	.02566	.98653	.06892
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	.01499	.20882	.00235	.04204	.00582	.00205	.00369	.03023
Stddev	.00019	.00305	.00009	.00033	.00032	.00046	.00025	.00115
%RSD	1.2500	1.4629	3.9518	.77562	5.5286	22.233	6.8663	3.8156
#1	.01506	.20549	.00232	.04225	.00544	.00251	.00377	.02893
#2	.01478	.21148	.00246	.04166	.00599	.00203	.00390	.03113
#3	.01513	.20950	.00228	.04221	.00601	.00160	.00341	.03063
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	.03178	.00173	.04827	.00410	.00176	.22132	-.00073	.00726
Stddev	.00030	.00006	.00213	.00057	.00013	.00305	.00014	.00057
%RSD	.95260	3.3650	4.4074	13.930	7.6035	1.3784	19.607	7.8941
#1	.03173	.00178	.04924	.00414	.00167	.21855	-.00086	.00726
#2	.03151	.00174	.04583	.00466	.00169	.22459	-.00074	.00668
#3	.03210	.00167	.04973	.00351	.00191	.22084	-.00058	.00782
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	.00972	.00283	.10949	.00121	.03071	.09793	.88249	
Stddev	.00024	.00006	.00187	.00012	.00081	.00201	.00467	
%RSD	2.4457	2.2024	1.7097	10.050	2.6335	2.0560	.52888	
#1	.00944	.00289	.10733	.00115	.03019	.09809	.87710	
#2	.00986	.00283	.11039	.00113	.03030	.09584	.88523	
#3	.00985	.00277	.11074	.00135	.03164	.09986	.88514	

Sample Name: S1 Acquired: 02/20/2019 14:54:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1841.1	2586.5	39291.	3427.9	3130.6
Stddev	6.6	7.6	128.	45.7	14.0
%RSD	.35812	.29198	.32617	1.3345	.44687
#1	1841.2	2580.3	39424.	3480.7	3131.9
#2	1834.4	2594.9	39169.	3400.0	3143.9
#3	1847.6	2584.3	39281.	3403.1	3116.0

Sample Name: S2 Acquired: 02/20/2019 14:58:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.06199	.11282	1.5154	.07606	.21661	3.5928	10.587	1.6834
Stddev	.00027	.00026	.0030	.00019	.00058	.0140	.013	.0014
%RSD	.44089	.23028	.20030	.25205	.26680	.39084	.12645	.08266

#1	.06169	.11280	1.5126	.07598	.21610	3.5766	10.601	1.6836
#2	.06208	.11257	1.5150	.07593	.21649	3.6010	10.574	1.6846
#3	.06222	.11309	1.5186	.07628	.21723	3.6009	10.586	1.6819

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	1.6551	2.3159	.73570	.48764	.56186	.49412	.80008	.34015
Stddev	.0044	.0196	.00254	.00187	.00077	.00492	.00843	.00303
%RSD	.26472	.84734	.34546	.38413	.13708	.99534	1.0532	.89118

#1	1.6534	2.2938	.73795	.48685	.56103	.48844	.79084	.33675
#2	1.6518	2.3222	.73621	.48629	.56256	.49680	.80206	.34258
#3	1.6600	2.3315	.73294	.48978	.56200	.49711	.80734	.34112

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	.47001	.07057	.34446	.04192	.09408	1.3456	.06311	.82840
Stddev	.00189	.00024	.00333	.00097	.00159	.0013	.00028	.00308
%RSD	.40169	.33992	.96551	2.3044	1.6930	.09284	.44175	.37200

#1	.47009	.07074	.34065	.04238	.09427	1.3445	.06282	.82795
#2	.46809	.07068	.34675	.04256	.09240	1.3453	.06313	.83168
#3	.47186	.07030	.34600	.04080	.09557	1.3469	.06338	.82556

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	1.0228	.03164	1.1370	.17356	.32719	1.8185	9.9740	
Stddev	.0027	.00022	.0040	.00129	.00145	.0062	.0089	
%RSD	.26191	.68056	.35195	.74049	.44281	.34030	.08908	

#1	1.0218	.03152	1.1368	.17262	.32552	1.8150	9.9796	
#2	1.0209	.03152	1.1411	.17304	.32813	1.8148	9.9637	
#3	1.0259	.03189	1.1332	.17502	.32792	1.8256	9.9786	

Sample Name: S2 Acquired: 02/20/2019 14:58:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1807.9	2497.6	39169.	3436.6	2953.1
Stddev	8.4	5.6	103.	21.2	8.7
%RSD	.46550	.22457	.26308	.61832	.29615
#1	1815.8	2492.8	39254.	3461.2	2946.0
#2	1808.8	2503.8	39054.	3424.9	2962.9
#3	1799.0	2496.4	39198.	3423.8	2950.4

Sample Name: S3 Acquired: 02/20/2019 15:02:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.12885	.23229	3.1621	.15341	.44188	7.3925	21.959	3.4372
Stddev	.00058	.00089	.0133	.00049	.00213	.0245	.029	.0378
%RSD	.45085	.38445	.42187	.32238	.48121	.33077	.13330	1.0985

#1	.12865	.23222	3.1518	.15356	.44059	7.4119	21.992	3.4237
#2	.12839	.23143	3.1574	.15286	.44071	7.3651	21.944	3.4081
#3	.12950	.23322	3.1772	.15382	.44433	7.4006	21.940	3.4799

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4161	4.7095	1.4854	1.0146	1.1443	1.0024	1.6245	.69984
Stddev	.0141	.0162	.0037	.0045	.0017	.0038	.0060	.00085
%RSD	.41352	.34480	.24748	.44443	.14536	.38196	.37074	.12216

#1	3.4054	4.7123	1.4887	1.0122	1.1457	1.0068	1.6251	.69900
#2	3.4107	4.6920	1.4814	1.0119	1.1425	1.0002	1.6182	.69982
#3	3.4321	4.7241	1.4862	1.0198	1.1447	1.0002	1.6302	.70071

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	.97455	.14868	.70962	.08630	.19543	2.7739	.13505	1.7216
Stddev	.00413	.00093	.00471	.00072	.00429	.0126	.00073	.0178
%RSD	.42396	.62393	.66330	.83349	2.1932	.45350	.54149	1.0337

#1	.97146	.14970	.70734	.08712	.19769	2.7628	.13446	1.7150
#2	.97295	.14845	.70648	.08596	.19812	2.7714	.13483	1.7080
#3	.97925	.14789	.71503	.08580	.19049	2.7876	.13587	1.7417

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	2.0934	.06708	2.3248	.36258	.66786	3.7492	20.526
Stddev	.0075	.00028	.0302	.00152	.00210	.0099	.020
%RSD	.35748	.41002	1.2988	.41876	.31371	.26454	.09906

#1	2.0876	.06684	2.3100	.36182	.67018	3.7601	20.516
#2	2.0907	.06702	2.3049	.36159	.66730	3.7408	20.513
#3	2.1019	.06738	2.3595	.36433	.66611	3.7466	20.550

Sample Name: S3 Acquired: 02/20/2019 15:02:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1748.0	2421.4	38560.	3392.9	2802.6
Stddev	14.0	8.2	242.	27.7	10.5
%RSD	.79861	.34051	.62803	.81659	.37642
#1	1739.7	2424.9	38397.	3408.3	2807.0
#2	1740.1	2427.4	38445.	3409.4	2810.2
#3	1764.1	2412.0	38838.	3360.9	2790.5

Sample Name: S4 Acquired: 02/20/2019 15:05:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.26891	.46935	6.5435	.30902	.91869	15.180	44.973	6.8753
Stddev	.00290	.00228	.0352	.00208	.00575	.066	.034	.1161
%RSD	1.0782	.48555	.53819	.67355	.62638	.43160	.07487	1.6893

#1	.26654	.46743	6.5097	.30738	.91595	15.208	45.011	6.8279
#2	.26805	.46875	6.5407	.30833	.91482	15.106	44.960	6.7904
#3	.27215	.47187	6.5800	.31136	.92530	15.228	44.947	7.0077

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	6.9722	9.5729	2.9728	2.0869	2.3172	2.0016	3.2680	1.4319
Stddev	.0354	.1170	.0030	.0096	.0017	.0148	.0460	.0130
%RSD	.50815	1.2220	.10142	.46001	.07223	.74096	1.4069	.90664

#1	6.9437	9.5956	2.9761	2.0779	2.3155	2.0076	3.2785	1.4353
#2	6.9611	9.4463	2.9723	2.0858	2.3173	1.9847	3.2176	1.4175
#3	7.0119	9.6769	2.9701	2.0971	2.3189	2.0125	3.3077	1.4428

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	1.9924	.30860	1.4522	.17414	.40838	5.7042	.28599	3.5217
Stddev	.0096	.00164	.0107	.00023	.00484	.0366	.00170	.0596
%RSD	.48170	.53223	.73930	.12943	1.1841	.64237	.59411	1.6922

#1	1.9841	.30698	1.4540	.17392	.41237	5.6944	.28422	3.4833
#2	1.9903	.31026	1.4406	.17412	.40976	5.6734	.28614	3.4914
#3	2.0029	.30856	1.4619	.17437	.40300	5.7447	.28761	3.5904

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3345	.14268	4.6518	.75150	1.3499	7.7343	41.760
Stddev	.0238	.00087	.0739	.00365	.0083	.0232	.085
%RSD	.54849	.61309	1.5886	.48525	.61308	.30011	.20408

#1	4.3250	.14174	4.6120	.74819	1.3543	7.7493	41.719
#2	4.3170	.14283	4.6063	.75091	1.3404	7.7076	41.703
#3	4.3616	.14347	4.7370	.75541	1.3551	7.7461	41.858

Sample Name: S4 Acquired: 02/20/2019 15:05:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1661.1	2282.4	37859.	3356.9	2620.1
Stddev	9.7	9.6	245.	42.5	9.2
%RSD	.58357	.42121	.64793	1.2660	.35194
#1	1656.9	2287.5	37853.	3382.4	2628.2
#2	1654.3	2288.4	37616.	3380.4	2622.1
#3	1672.2	2271.3	38107.	3307.9	2610.1

Sample Name: S5 Acquired: 02/20/2019 15:09:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.56094	.92171	13.252	.61857	1.9153	30.586	89.415	13.326
Stddev	.00449	.00419	.066	.00424	.0167	.197	.137	.091
%RSD	.80011	.45425	.49634	.68540	.87243	.64408	.15361	.68339

#1	.55820	.91853	13.184	.61757	1.9111	30.539	89.257	13.385
#2	.55849	.92014	13.258	.61493	1.9011	30.416	89.508	13.222
#3	.56612	.92645	13.316	.62323	1.9337	30.802	89.480	13.373

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	13.892	18.739	5.7981	4.2046	4.5748	3.8599	6.2155	2.8440
Stddev	.057	.239	.0070	.0190	.0138	.0365	.1033	.0320
%RSD	.41355	1.2740	.12032	.45177	.30221	.94677	1.6626	1.1257

#1	13.845	18.784	5.8016	4.1910	4.5593	3.8590	6.2209	2.8424
#2	13.874	18.481	5.7901	4.1964	4.5791	3.8239	6.1095	2.8128
#3	13.956	18.952	5.8027	4.2263	4.5860	3.8969	6.3160	2.8768

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9897	.63331	2.8967	.33829	.84403	11.517	.59052	6.9360
Stddev	.0150	.00287	.0199	.00390	.00672	.014	.00357	.0552
%RSD	.37562	.45302	.68519	1.1534	.79564	.12274	.60467	.79559

#1	3.9766	.63650	2.8989	.33688	.84309	11.533	.58760	6.9778
#2	3.9865	.63095	2.8758	.33528	.83784	11.506	.58945	6.8734
#3	4.0060	.63247	2.9153	.34270	.85117	11.512	.59450	6.9567

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	8.9379	.29760	9.0549	1.5215	2.6507	15.734	81.427
Stddev	.0660	.00147	.0365	.0060	.0262	.054	.715
%RSD	.73821	.49339	.40305	.39686	.98693	.34199	.87807

#1	8.9244	.29624	9.0812	1.5181	2.6435	15.691	80.613
#2	8.8797	.29739	9.0133	1.5179	2.6289	15.716	81.718
#3	9.0096	.29916	9.0703	1.5285	2.6797	15.794	81.951

Sample Name: S5 Acquired: 02/20/2019 15:09:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	1540.3	2086.4	36981.	3339.8	2407.4
Stddev	12.6	7.6	244.	20.2	5.3
%RSD	.81860	.36211	.66089	.60435	.22071
#1	1526.2	2089.6	36701.	3318.2	2413.5
#2	1550.4	2091.9	37087.	3358.1	2404.8
#3	1544.3	2077.8	37154.	3343.0	2403.9

Sample Name: S6 Acquired: 02/20/2019 15:13:37 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	80.936	29.914	10.254	4.7000	8.0401
Stddev	.339	.193	.078	.0390	.0263
%RSD	.41946	.64564	.76232	.83047	.32770

#1	81.121	30.011	10.299	4.7188	8.0472
#2	81.142	30.041	10.300	4.7261	8.0621
#3	80.544	29.692	10.164	4.6551	8.0109

Int. Std.	Y_3710
Units	Cts/S
Avg	3295.8
Stddev	5.3
%RSD	.16163

#1	3296.0
#2	3301.1
#3	3290.4

Sample Name: ICV Acquired: 02/20/2019 15:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.9630327	1.055456	.9392391	1.035305	.9869013	2.340184
Stddev	.0051392	.007106	.0058119	.001000	.0034957	.020595
%RSD	.5336529	.6732459	.6187859	.0965850	.3542139	.8800454

#1	.9650672	1.057215	.9325320	1.035212	.9862266	2.317621
#2	.9571877	1.047635	.9427900	1.034355	.9837921	2.344961
#3	.9668433	1.061516	.9423954	1.036348	.9906852	2.357970

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5094840	.4866967	.5033365	10.32124	.5267276	.4919304
Stddev	.0012212	.0056380	.0022430	.06870	.0024067	.0022576
%RSD	.2397031	1.158418	.4456257	.6656043	.4569210	.4589262

#1	.5084846	.4819728	.5018386	10.24322	.5244285	.4903277
#2	.5108453	.4929381	.5022556	10.34786	.5292292	.4909513
#3	.5091222	.4851790	.5059153	10.37265	.5265250	.4945123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321280	5.310496	.5189399	5.843785	.5058229	.4687389
Stddev	.0054737	.018910	.0034801	.023093	.0011826	.0015501
%RSD	1.028651	.3560794	.6706185	.3951733	.2337915	.3306969

#1	.5274613	5.291963	.5180521	5.837419	.5044608	.4679795
#2	.5381530	5.309763	.5227779	5.824543	.5064197	.4705223
#3	.5307698	5.329761	.5159897	5.869393	.5065881	.4677150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07104	.5207534	.9635706	9.714678	F .0012635	F .0055200
Stddev	.17047	.0046551	.0173998	.026705	.0015270	.0014220
%RSD	1.692715	.8939097	1.805767	.2748891	120.8507	25.76139

#1	10.05513	.5260842	.9521161	9.727127	.0022715	.0053638
#2	10.24891	.5174907	.9835929	9.684022	-.000493	.0041825
#3	9.90908	.5186854	.9550026	9.732886	.002012	.0070136

Sample Name: ICV Acquired: 02/20/2019 15:39:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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 .0000372	F .0004901	F .0042408	F -.000255	F .0021813	F .0014449
Stddev	.0002299	.0011881	.0009395	.000602	.0017268	.0013689
%RSD	617.8652	242.4146	22.15455	235.8001	79.16124	94.73667
#1	-.000175	.0015763	.0034052	.000275	.0008195	.0025850
#2	.000281	-.000779	.0052578	-.000132	.0016009	-.000073
#3	.000006	.000673	.0040594	-.000910	.0041236	.001823

Elem	Sr4077
Units	ppm
Avg	F .0118484
Stddev	.0000545
%RSD	.4601458
#1	.0117887
#2	.0118956
#3	.0118608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.646	2586.374	39393.00	3490.600	3098.451
Stddev	8.413	1.878	42.56	26.021	7.025
%RSD	.4573052	.0726069	.1080454	.7454618	.2267109
#1	1840.204	2586.003	39431.18	3516.290	3100.882
#2	1847.765	2588.410	39400.71	3464.260	3103.936
#3	1830.968	2584.709	39347.11	3491.250	3090.533

Sample Name: ICB Acquired: 02/20/2019 15:43:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.0009597	-.000622	-.000142	.0004534	.0009730	.0073806	-.000059
Stddev	.0026751	.000899	.001011	.0028146	.0011198	.0136790	.000692
%RSD	278.7298	144.6679	710.6590	620.7267	115.0866	185.3366	1171.523

#1	-.001547	.000187	-.001036	.0026425	.0022154	.0178408	-.000606
#2	.000650	-.000462	-.000347	.0014393	.0000413	.0124001	-.000290
#3	.003776	-.001590	.000956	-.002722	.0006624	-.008099	.000719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000359	.0000202	.0082635	.0003022	-.000211	-.003888	-.008637
Stddev	.0000703	.0000643	.0118519	.0004436	.000385	.004337	.045140
%RSD	195.8006	318.2301	143.4257	146.7910	182.2266	111.5444	522.6345

#1	.0001168	.0000259	.0006127	.0006734	.000152	-.008896	.006256
#2	.0000007	.0000814	.0022619	.0004222	-.000170	-.001333	-.059342
#3	-.000010	-.000047	.0219157	-.000189	-.000615	-.001435	.027175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001065	-.071388	.0002040	.0000300	.3238719	-.005128	-.001240
Stddev	.001326	.078888	.0000590	.0002003	.1698187	.004403	.010417
%RSD	124.5038	110.5065	28.89734	666.4168	52.43392	85.85533	840.3252

#1	-.002585	-.020909	.0001908	-.000122	.2109226	-.003226	-.008446
#2	-.000458	-.030959	.0002684	-.000044	.5191639	-.010163	.010704
#3	-.000151	-.162295	.0001527	.000257	.2415293	-.001996	-.005977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302185	.0002312	.0034763	-.000103	-.000267	-.000689	-.000188
Stddev	.0311602	.0023914	.0010490	.000169	.005124	.000708	.000524
%RSD	103.1163	1034.213	30.17520	164.4201	1915.785	102.7651	278.2081

#1	-.003296	.0017968	.0023793	.000064	.000706	-.001133	-.000641
#2	.058313	.0014184	.0044695	-.000274	-.005808	-.001060	.000385
#3	.035639	-.002521	.0035801	-.000098	.004300	.000127	-.000309

Sample Name: ICB Acquired: 02/20/2019 15:43:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) 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	.0037523	.0035161	.0000282
Stddev	.0014184	.0004545	.0000541
%RSD	37.79995	12.92763	192.1880

#1	.0043300	.0029939	.0000875
#2	.0021362	.0037308	.0000156
#3	.0047906	.0038235	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.864	2552.886	38807.42	3380.987	3046.227
Stddev	8.749	8.318	204.37	27.850	8.232
%RSD	.4836672	.3258333	.5266386	.8237252	.2702220

#1	1799.366	2555.856	38727.98	3396.030	3047.523
#2	1810.632	2559.312	38654.69	3348.850	3053.734
#3	1816.593	2543.491	39039.59	3398.080	3037.425

Sample Name: ICSA Acquired: 02/20/2019 15:47:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011865	.0041802	.0055126	-.021569	.0034725	240.1638	.0051309
Stddev	.0053583	.0043697	.0031501	.003243	.0025858	.9262	.0001408
%RSD	451.6065	104.5330	57.14367	15.03743	74.46670	.3856346	2.743420

#1	-.003366	-.000815	.0069716	-.023024	.0005694	239.9528	.0049687
#2	-.000166	.006061	.0018975	-.023831	.0055287	241.1773	.0052207
#3	.007091	.007295	.0076686	-.017853	.0043193	239.3614	.0052034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008347	.0001288	254.6720	.0571718	.0012195	-.003302	103.9245
Stddev	.0000672	.0001218	1.8322	.0003683	.0006428	.004007	.5329
%RSD	8.045410	94.57617	.7194536	.6441716	52.71073	121.3462	.5127944

#1	.0007609	.0001416	253.8675	.0567493	.0008693	-.006561	103.5889
#2	.0008508	.0000011	256.7688	.0573413	.0019614	-.004517	104.5390
#3	.0008923	.0002438	253.3796	.0574247	.0008279	.001172	103.6457

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142580	261.4680	.0052540	-.007843	-.142425	-.006342	.0058785
Stddev	.0013480	1.5268	.0001181	.000454	.062134	.003425	.0019441
%RSD	9.454306	.5839511	2.247427	5.790236	43.62565	54.00154	33.07098

#1	.0148334	260.3038	.0053728	-.008095	-.097758	-.008217	.0060721
#2	.0127178	263.1967	.0052527	-.007319	-.213383	-.002389	.0077186
#3	.0152229	260.9035	.0051367	-.008116	-.116135	-.008420	.0038449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065685	.0118489	-.004112	.0018929	-.004982	.0028401	-.002389
Stddev	.018964	.0014870	.002197	.0005775	.000908	.0004735	.000424
%RSD	28.87048	12.54976	53.41971	30.50956	18.22204	16.67202	17.76298

#1	-.080850	.0105037	-.001576	.0025586	-.005104	.0026159	-.002272
#2	-.044423	.0115973	-.005389	.0015940	-.005822	.0033841	-.002036
#3	-.071783	.0134457	-.005372	.0015262	-.004019	.0025204	-.002860

Sample Name: ICSA Acquired: 02/20/2019 15:47:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009446	.0124656	.1035276
Stddev	.0038022	.0022539	.0005150
%RSD	402.5335	18.08053	.4974909

#1	.0052984	.0098640	.1040163
#2	-.000743	.0138263	.1035768
#3	-.001722	.0137065	.1029897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.225	2437.906	38353.16	3399.090	2756.159
Stddev	17.008	4.144	239.31	12.067	1.830
%RSD	.9684587	.1699824	.6239709	.3550190	.0664143

#1	1774.571	2435.965	38627.97	3403.029	2758.272
#2	1740.983	2442.664	38240.86	3385.546	2755.063
#3	1753.120	2435.089	38190.65	3408.697	2755.143

Sample Name: ICSAB Acquired: 02/20/2019 15:51:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960210	.1146926	.0540485	.0336636	.6103473	225.2011	.5245226
Stddev	.0040095	.0009872	.0004568	.0049484	.0004649	1.9175	.0028287
%RSD	4.175647	.8607083	.8451290	14.69952	.0761664	.8514796	.5392823

#1	.0918085	.1138153	.0543733	.0344868	.6103789	223.9046	.5230255
#2	.0964638	.1145009	.0535262	.0283553	.6098675	224.2949	.5227572
#3	.0997907	.1157615	.0542459	.0381488	.6107956	227.4038	.5277852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034459	1.024606	239.1239	.5838475	.5072641	.5243757	98.04511
Stddev	.0016387	.005724	2.5001	.0025995	.0031208	.0086164	1.06682
%RSD	.3255016	.5587001	1.045521	.4452307	.6152255	1.643171	1.088087

#1	.5024406	1.022301	237.2676	.5837419	.5051751	.5153647	97.26553
#2	.5025603	1.020394	238.1375	.5864982	.5057656	.5252283	97.60889
#3	.5053369	1.031124	241.9668	.5813025	.5108515	.5325341	99.26090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400898	245.1757	1.025796	.1741965	.0349710	.5192685	1.012410
Stddev	.0091573	3.3709	.006591	.0006097	.0875779	.0085766	.039630
%RSD	1.695521	1.374909	.6424999	.3499882	250.4305	1.651667	3.914389

#1	.5315813	242.5619	1.023977	.1746643	.0640588	.5164575	1.017470
#2	.5389068	243.9847	1.020306	.1744182	.1043038	.5124502	.970494
#3	.5497811	248.9804	1.033105	.1735070	-.063450	.5288979	1.049267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.160099	.0079283	-.001676	.0018156	.0018662	.0033860	-.002426
Stddev	.061652	.0009869	.002876	.0004694	.0073020	.0014730	.000611
%RSD	38.50879	12.44733	171.5963	25.85343	391.2724	43.50346	25.20918

#1	-.138392	.0088368	-.004529	.0016215	-.004550	.0050726	-.001815
#2	-.112236	.0080697	-.001723	.0014743	.000338	.0023521	-.003038
#3	-.229668	.0068784	.001223	.0023508	.009812	.0027332	-.002424

Sample Name: ICSAB Acquired: 02/20/2019 15:51:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000385	.0115617	.0969670
Stddev	.001216	.0028736	.0002198
%RSD	315.5760	24.85449	.2267169

#1	.000200	.0089742	.0968614
#2	-.001783	.0110566	.0968199
#3	.000427	.0146544	.0972197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.126	2426.731	37862.78	3398.103	2755.523
Stddev	12.052	9.714	134.73	15.474	10.711
%RSD	.6930075	.4002891	.3558357	.4553668	.3887078

#1	1729.912	2432.581	37750.57	3402.855	2758.490
#2	1752.765	2432.095	38012.21	3410.643	2764.438
#3	1734.700	2415.518	37825.55	3380.810	2743.642

Sample Name: CCV032 Acquired: 02/20/2019 15:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829827	4.864026	24.58714	4.661072	4.826639	412.1384	9.971832
Stddev	.035306	.014993	.14989	.010754	.020578	4.5182	.101654
%RSD	.7310084	.3082413	.6096232	.2307206	.4263325	1.096271	1.019416

#1	4.814488	4.860414	24.50623	4.668032	4.810117	409.9993	9.936010
#2	4.804784	4.851169	24.49509	4.648686	4.820112	409.0871	9.892938
#3	4.870208	4.880495	24.76009	4.666498	4.849689	417.3289	10.08655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5027496	2.473746	418.6467	15.10189	2.503232	14.97331	416.4728
Stddev	.0055294	.012688	5.0229	.02974	.012694	.17463	3.9922
%RSD	1.099836	.5129161	1.199805	.1969589	.5071238	1.166247	.9585695

#1	.4964145	2.468986	415.1674	15.08317	2.497305	14.88833	414.2925
#2	.5052287	2.464127	416.3676	15.13618	2.494586	14.85745	414.0455
#3	.5066056	2.488126	424.4052	15.08630	2.517806	15.17416	421.0804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96079	410.8578	2.493199	1.245764	407.5419	2.488031	14.69432
Stddev	.18378	3.9272	.012105	.001624	4.6239	.029896	.26252
%RSD	1.228417	.9558443	.4855173	.1303872	1.134571	1.201575	1.786527

#1	14.82035	408.3744	2.487806	1.244385	404.8304	2.469415	14.91164
#2	14.89323	408.8137	2.484728	1.247555	404.9144	2.472164	14.40265
#3	15.16879	415.3854	2.507063	1.245352	412.8808	2.522515	14.76868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.1646	4.997637	5.025453	4.823954	5.022918	5.033114	4.972427
Stddev	1.5946	.034009	.045686	.014679	.013906	.063023	.016762
%RSD	1.047912	.6804929	.9090946	.3043027	.2768475	1.252167	.3371042

#1	151.3901	4.978739	4.975968	4.817101	5.012111	4.960489	4.966933
#2	151.1052	4.977276	5.034362	4.813954	5.018035	5.065416	4.959101
#3	153.9985	5.036898	5.066028	4.840807	5.038606	5.073437	4.991247

Sample Name: CCV032 Acquired: 02/20/2019 15:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.973517	5.053388	5.041224
Stddev	.047255	.057319	.042888
%RSD	.9501355	1.134269	.8507427

#1	4.949465	5.033700	5.019857
#2	4.943127	5.008507	5.013217
#3	5.027960	5.117956	5.090598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.853	2205.164	37148.41	3300.122	2453.437
Stddev	14.071	8.915	180.86	43.152	11.567
%RSD	.8686429	.4042722	.4868495	1.307587	.4714783

#1	1611.178	2205.992	37112.70	3340.875	2453.699
#2	1636.087	2213.635	37344.45	3304.576	2464.871
#3	1612.293	2195.863	36988.07	3254.916	2441.741

Sample Name: CCB032 Acquired: 02/20/2019 15:59:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010311	-.001776	-.001152	.0012898	-.000647	.0101787
Stddev	.0003128	.001115	.000632	.0040650	.000791	.0091346
%RSD	30.33772	62.78674	54.87677	315.1557	122.1158	89.74153

#1	.0006701	-.001828	-.001158	.0054540	-.000577	.0042652
#2	.0012003	-.002863	-.001780	-.002668	.000106	.0055716
#3	.0012228	-.000635	-.000517	.001084	-.001471	.0206994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001043	.0000458	-.000055	-.016910	.0002690	-.000119
Stddev	.000802	.0000600	.000040	.018361	.0003525	.000278
%RSD	76.86950	131.1585	73.09095	108.5778	131.0543	234.0234

#1	-.001920	.0001008	-.000009	.004264	.0005411	.000189
#2	-.000863	-.000018	-.000085	-.028427	.0003952	-.000193
#3	-.000347	.000055	-.000071	-.026568	-.000129	-.000352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003242	-.009513	-.001103	-.037542	.0002915	.0001604
Stddev	.001895	.019787	.001021	.025851	.0002957	.0001192
%RSD	58.43114	207.9921	92.54445	68.85851	101.4614	74.26699

#1	-.001055	-.031482	-.001187	-.056560	.0004681	.0000250
#2	-.004370	-.003968	-.000043	-.047960	.0004562	.0002074
#3	-.004303	.006910	-.002079	-.008108	-.000050	.0002490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4489730	-.007837	-.013549	.1157685	.0002453	F .0125535
Stddev	.3444291	.009920	.003917	.0630649	.0024136	.0013439
%RSD	76.71487	126.5725	28.90941	54.47500	984.0892	10.70541

#1	.0562039	-.016888	-.012459	.0976593	-.000008	.0139739
#2	.6994934	-.009391	-.010292	.1859068	.002775	.0123845
#3	.5912218	.002768	-.017895	.0637393	-.002032	.0113021

Sample Name: CCB032 Acquired: 02/20/2019 15:59:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000310	-.004648	.0006704	-.000027	.0015355	.0036299
Stddev	.0002879	.003370	.0000725	.000415	.0027847	.0012539
%RSD	930.0076	72.50723	10.82026	1561.872	181.3617	34.54365

#1	.0003434	-.002394	.0005872	.000102	-.001159	.0024550
#2	-.000027	-.003028	.0007208	.000309	.001362	.0034845
#3	-.000224	-.008523	.0007031	-.000490	.004403	.0049501

Elem	Sr4077
Units	ppm
Avg	-.000039
Stddev	.000114
%RSD	294.3571

#1	-.000071
#2	.000088
#3	-.000133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.677	2583.161	39250.12	3481.470	3093.075
Stddev	4.917	8.711	106.17	36.584	10.262
%RSD	.2681575	.3372336	.2704995	1.050819	.3317763

#1	1835.053	2588.455	39246.39	3471.690	3099.856
#2	1837.760	2587.922	39145.87	3521.950	3098.101
#3	1828.218	2573.107	39358.11	3450.770	3081.269

Sample Name: K1440-01 Acquired: 02/20/2019 16:03:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015742	-.005762	-.000363	.0744532	-.001208	.0114431	.0592378
Stddev	.0020157	.002407	.001617	.0049837	.001274	.0052461	.0005750
%RSD	128.0408	41.77628	445.9658	6.693674	105.4981	45.84564	.9706115

#1	.0022941	-.008541	-.001820	.0800562	-.002001	.0147832	.0593373
#2	.0031311	-.004385	-.000646	.0727882	.000262	.0053964	.0586196
#3	-.000703	-.004360	.001378	.0705153	-.001884	.0141496	.0597566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002338	-.000191	9.164999	-.000273	-.000402	-.006501	.1079235
Stddev	.0000464	.000117	.179994	.000166	.000070	.003420	.0094246
%RSD	19.84191	61.20922	1.963926	61.03179	17.49124	52.60604	8.732627

#1	.0001880	-.000175	9.107525	-.000081	-.000334	-.006150	.1181339
#2	.0002807	-.000083	9.020761	-.000381	-.000396	-.010083	.1060792
#3	.0002326	-.000314	9.366711	-.000356	-.000474	-.003271	.0995575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133415	3.610562	.0004918	.0003881	254.0203	-.003319	-.013556
Stddev	.0007413	.008546	.0003219	.0005478	3.5081	.005376	.014097
%RSD	5.555938	.2366934	65.45127	141.1523	1.381029	161.9858	103.9870

#1	.0134783	3.613570	.0001854	-.000006	252.9559	-.007782	-.020379
#2	.0140049	3.600919	.0008272	.000157	251.1677	-.004824	-.022944
#3	.0125414	3.617198	.0004627	.001014	257.9374	.002649	.002654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.886573	.0901018	1.103543	-.000048	10.41195	3.959307	.0033439
Stddev	.066999	.0032717	.023942	.000076	.04355	.085796	.0011032
%RSD	2.321070	3.631168	2.169574	158.7037	.4182574	2.166943	32.99124

#1	2.927419	.0882321	1.106053	.000039	10.36686	3.969815	.0029089
#2	2.809250	.0938796	1.078445	-.000078	10.41522	3.868741	.0045982
#3	2.923051	.0881937	1.126131	-.000104	10.45377	4.039364	.0025245

Sample Name: K1440-01 Acquired: 02/20/2019 16:03:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029053	.0148554	.2131323
Stddev	.0029132	.0009294	.0029791
%RSD	100.2697	6.256363	1.397789

#1	.0052499	.0151417	.2133877
#2	-.000356	.0138166	.2100337
#3	.003822	.0156081	.2159755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.690	2690.728	41582.85	3537.333	3229.318
Stddev	7.798	17.161	258.59	79.938	11.484
%RSD	.3989398	.6377906	.6218672	2.259843	.3556126

#1	1963.204	2690.641	41857.04	3536.510	3235.650
#2	1947.896	2707.932	41343.36	3617.680	3236.242
#3	1952.969	2673.610	41548.16	3457.810	3216.062

Sample Name: K1440-02 Acquired: 02/20/2019 16:07:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014833	-.003502	.0012626	.0195403	.0000402	-.020929	.5158059
Stddev	.0021651	.001129	.0004075	.0030646	.0019373	.011196	.0012443
%RSD	145.9592	32.22701	32.27251	15.68322	4824.942	53.49279	.2412358

#1	.0027134	-.002986	.0017134	.0230730	-.001507	-.033544	.5172191
#2	-.001017	-.002724	.0009205	.0175961	.002213	-.017068	.5153243
#3	.002753	-.004796	.0011538	.0179518	-.000585	-.012175	.5148745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002457	-.000163	121.7972	.0004735	-.001379	-.001361	.3689087
Stddev	.0000320	.000035	1.2625	.0001686	.000139	.005550	.0244128
%RSD	13.03987	21.66273	1.036596	35.60495	10.10880	407.7096	6.617565

#1	.0002112	-.000123	123.0788	.0006682	-.001540	-.005926	.3410154
#2	.0002746	-.000190	120.5546	.0003764	-.001308	-.002976	.3793259
#3	.0002513	-.000177	121.7581	.0003759	-.001290	.004817	.3863847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527752	44.70434	.0027077	.0010034	95.36167	.0050696	.0083135
Stddev	.0006951	.28023	.0005026	.0007298	.49739	.0138380	.0070227
%RSD	1.317125	.6268571	18.56148	72.73029	.5215790	272.9618	84.47334

#1	.0526293	45.00282	.0024474	.0002303	95.88781	.0030520	.0154905
#2	.0535317	44.44688	.0023886	.0010997	94.89916	-.007649	.0079942
#3	.0521646	44.66333	.0032870	.0016803	95.29805	.019806	.0014559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.196748	.0200989	.4790521	.0001254	2.721447	6.537039	-.000074
Stddev	.071607	.0018203	.0016603	.0003125	.008197	.067402	.000350
%RSD	.9949933	9.056640	.3465748	249.3048	.3012009	1.031078	473.7661

#1	7.144038	.0200909	.4792467	-.000202	2.728937	6.513720	.000325
#2	7.167933	.0182826	.4773031	.000421	2.712690	6.484393	-.000329
#3	7.278274	.0219231	.4806065	.000157	2.722714	6.613004	-.000217

Sample Name: K1440-02 Acquired: 02/20/2019 16:07:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000416	.0332242	1.551449
Stddev	.000883	.0006654	.004759
%RSD	212.2977	2.002773	.3067552

#1	-.000199	.0338953	1.553669
#2	.000338	.0332125	1.545985
#3	-.001388	.0325647	1.554692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1884.788	2597.886	40569.03	3506.899	3130.566
Stddev	21.464	12.387	293.49	18.168	4.159
%RSD	1.138828	.4767937	.7234449	.5180508	.1328641

#1	1872.659	2585.665	40277.04	3494.595	3128.566
#2	1872.134	2597.560	40566.03	3527.766	3135.348
#3	1909.571	2610.432	40864.01	3498.336	3127.784

Sample Name: PB117251BL Acquired: 02/20/2019 16:11:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW251 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035334	.0007700	-.001411	.0020175	-.001562	.0140982	.0015755
Stddev	.0013551	.0008517	.000656	.0032366	.000501	.0097423	.0011240
%RSD	38.35196	110.6075	46.52761	160.4252	32.04671	69.10345	71.34484

#1	.0025627	-.000158	-.001388	.0047348	-.001519	.0150861	.0005100
#2	.0029558	.000952	-.002078	-.001563	-.001085	.0038995	.0027500
#3	.0050815	.001516	-.000766	.002881	-.002083	.0233089	.0014664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000812	-.000086	.0179142	.0002226	-.000245	-.003048	.0175155
Stddev	.0000564	.000069	.0293056	.0006401	.000150	.005737	.0117884
%RSD	69.47157	81.15117	163.5889	287.6039	61.01129	188.2075	67.30250

#1	.0000806	-.000031	-.014432	-.000070	-.000412	-.007729	.0120427
#2	.0001380	-.000164	.042696	.000957	-.000202	-.004768	.0310456
#3	.0000251	-.000062	.025478	-.000219	-.000122	.003352	.0094584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000725	-.060557	.0007020	.0003681	.2364888	-.004931	-.017741
Stddev	.000564	.062859	.0004604	.0003356	.2668260	.001226	.008400
%RSD	77.82125	103.8027	65.57469	91.16181	112.8282	24.87062	47.34623

#1	-.001115	-.024251	.0008821	.0007531	.3042098	-.006144	-.027066
#2	-.000981	-.133140	.0001789	.0001374	-.057673	-.003692	-.010768
#3	-.000078	-.024278	.0010451	.0002138	.462929	-.004957	-.015390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.553665	.0016139	.0064829	-.000206	.0127390	.0012378	-.001613
Stddev	.021538	.0000151	.0010414	.000034	.0016049	.0009839	.001025
%RSD	3.890116	.9355753	16.06420	16.74784	12.59853	79.48530	63.55598

#1	-.540103	.0016186	.0075251	-.000227	.0145885	.0004133	-.001871
#2	-.542392	.0015970	.0064813	-.000225	.0119151	.0023269	-.002485
#3	-.578500	.0016261	.0054423	-.000166	.0117134	.0009731	-.000484

Sample Name: PB117251BL Acquired: 02/20/2019 16:11:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW251 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036154	-.007605	.0002696
Stddev	.0010583	.000797	.0001044
%RSD	29.27185	10.48345	38.72071

#1	.0048300	-.008477	.0001910
#2	.0031245	-.006914	.0003881
#3	.0028917	-.007423	.0002297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.778	2652.541	40342.59	3533.803	3165.714
Stddev	19.361	14.693	207.42	3.345	15.167
%RSD	1.021269	.5539270	.5141431	.0946573	.4790972

#1	1900.719	2663.545	40497.85	3535.240	3176.838
#2	1912.190	2658.222	40422.90	3536.190	3171.867
#3	1874.426	2635.855	40107.03	3529.980	3148.438

Sample Name: PB117251BS Acquired: 02/20/2019 16:15:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS251 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233139	.0546232	.0191590	.0857585	.1286271	.4257733
Stddev	.0023447	.0020655	.0012931	.0026061	.0011489	.0104223
%RSD	10.05697	3.781406	6.749509	3.038928	.8932151	2.447855

#1	.0250797	.0534567	.0202982	.0837119	.1296903	.4374414
#2	.0242083	.0570081	.0177534	.0848711	.1287827	.4224920
#3	.0206537	.0534048	.0194253	.0886925	.1274083	.4173866

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3765548	.0107999	.0104595	F 2.149585	.0239003	.0996736
Stddev	.0026724	.0000474	.0000932	.050861	.0000854	.0008643
%RSD	.7097094	.4390599	.8907099	2.366077	.3574191	.8671831

#1	.3748742	.0108294	.0105158	2.105073	.0238178	.0995209
#2	.3796365	.0107452	.0103520	2.205020	.0239884	.0988958
#3	.3751538	.0108250	.0105108	2.138662	.0238947	.1006042

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511569	.2305997	.0337491	F 2.103394	.0846191	.0202779
Stddev	.0015928	.0172858	.0007927	.049927	.0010895	.0000846
%RSD	3.113629	7.496017	2.348897	2.373649	1.287484	.4173088

#1	.0525104	.2112147	.0346183	2.053172	.0845215	.0203391
#2	.0515587	.2361735	.0335630	2.103988	.0835818	.0203132
#3	.0494017	.2444110	.0330659	2.153021	.0857541	.0201813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14730	.1044159	.1071421	9.484355	.0215716	.0252393
Stddev	.22219	.0069676	.0121395	.022551	.0009282	.0004825
%RSD	2.189690	6.672890	11.33026	.2377724	4.302746	1.911809

#1	10.35220	.1093206	.1117216	9.476148	.0205502	.0248321
#2	9.91112	.1074867	.1163258	9.467056	.0218011	.0257722
#3	10.17857	.0964404	.0933790	9.509860	.0223634	.0251134

Sample Name: PB117251BS Acquired: 02/20/2019 16:15:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS251 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202869	.2038287	.2101804	.0145763	F .0024465	.0863508
Stddev	.0001430	.0037579	.0027397	.0003432	.0005000	.0001529
%RSD	.7048221	1.843674	1.303485	2.354785	20.43713	.1771058

#1	.0202254	.2004039	.2088598	.0143090	.0029101	.0862378
#2	.0201850	.2078488	.2083512	.0149634	.0025127	.0862898
#3	.0204503	.2032335	.2133303	.0144565	.0019167	.0865249

Elem	Sr4077
Units	ppm
Avg	.2067762
Stddev	.0002969
%RSD	.1436043

#1	.2070350
#2	.2064520
#3	.2068416

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.652	2655.387	40633.12	3562.587	3202.226
Stddev	12.306	14.623	295.84	5.782	15.005
%RSD	.6437344	.5506995	.7280712	.1623020	.4685706

#1	1912.855	2658.919	40910.33	3559.620	3206.162
#2	1923.313	2667.921	40667.40	3569.250	3214.870
#3	1898.789	2639.321	40321.64	3558.890	3185.645

Sample Name: PB117228BL Acquired: 02/20/2019 16:24:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW228 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001498	-.000399	-.000158	.0045692	.0000559	.0087031	.0000425
Stddev	.001675	.000730	.000671	.0018045	.0012729	.0173553	.0007297
%RSD	111.8355	182.8686	423.8271	39.49279	2279.280	199.4142	1718.226

#1	-.003295	-.001003	.000575	.0065310	-.000739	.0269899	-.000503
#2	-.001220	-.000609	-.000307	.0041964	.001524	.0066593	-.000240
#3	.000021	.000413	-.000743	.0029802	-.000618	-.007540	.000871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000023	-.000016	-.002435	.0002571	-.000273	-.002204	-.006173
Stddev	.0000431	.000079	.019186	.0001187	.000191	.002535	.004857
%RSD	1905.354	488.2891	787.8726	46.17276	69.95244	115.0044	78.67949

#1	.0000155	.000069	.018560	.0003922	-.000457	-.003414	-.011349
#2	.0000371	-.000087	-.006808	.0001692	-.000286	.000709	-.001715
#3	-.000046	-.000031	-.019057	.0002099	-.000076	-.003908	-.005455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000986	-.034880	-.000048	.0002381	.1723519	-.009906	-.029781
Stddev	.000588	.034538	.000275	.0003943	.2719733	.005405	.016148
%RSD	59.58660	99.01734	575.6230	165.5960	157.8012	54.56024	54.22017

#1	-.001538	-.053811	-.000055	-.000078	-.141638	-.011933	-.027884
#2	-.000368	-.055814	.000231	.000680	.334548	-.014003	-.046794
#3	-.001052	.004983	-.000319	.000113	.324146	-.003781	-.014666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329222	.0012939	.0050218	.0000752	.0079217	.0003015	-.000326
Stddev	.0592465	.0011123	.0012403	.0001221	.0028996	.0008896	.000442
%RSD	179.9592	85.96794	24.69892	162.5008	36.60366	295.0796	135.4991

#1	.0324841	.0025782	.0064423	.0001638	.0103599	.0002570	-.000402
#2	-.026104	.0006397	.0041531	.0001259	.0086898	-.000565	.000149
#3	.092387	.0006637	.0044700	-.000064	.0047153	.001213	-.000724

Sample Name: PB117228BL Acquired: 02/20/2019 16:24:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW228 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022453	.0009497	.0000020
Stddev	.0039285	.0022179	.0001298
%RSD	174.9643	233.5460	6421.882

#1	-.001228	.0009520	.0000691
#2	.001456	.0031665	-.000148
#3	.006509	-.001269	.000085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.213	2543.462	38781.52	3438.353	3056.031
Stddev	11.056	4.741	140.05	18.980	6.130
%RSD	.6127966	.1863849	.3611326	.5520064	.2005904

#1	1816.545	2548.510	38942.79	3417.240	3060.163
#2	1800.907	2542.771	38711.25	3454.000	3058.943
#3	1795.187	2539.105	38690.51	3443.820	3048.988

Sample Name: K1542-05 Acquired: 02/20/2019 16:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC6TJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026401	.0013572	-.000934	-.001743	-.001725	.0017002	.0000734
Stddev	.0002803	.0011796	.001225	.001676	.000705	.0041247	.0012935
%RSD	10.61707	86.91707	131.1379	96.18291	40.89610	242.5964	1762.280

#1	.0024034	.0021797	-.001502	-.000161	-.001261	-.003017	-.000624
#2	.0029496	.0018862	-.001772	-.001568	-.002537	.004626	-.000721
#3	.0025672	.0000057	.000472	-.003499	-.001377	.003492	.001566

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001861	-.000065	-.000829	-.000146	-.000322	-.004815	-.009950
Stddev	.0000156	.000012	.026990	.000046	.000133	.004295	.025518
%RSD	8.405395	18.64758	3256.014	31.67962	41.12678	89.20320	256.4556

#1	.0001975	-.000057	-.013614	-.000197	-.000339	-.000230	-.035836
#2	.0001683	-.000059	-.019050	-.000106	-.000182	-.008745	-.009197
#3	.0001925	-.000079	.030178	-.000136	-.000445	-.005470	.015182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000409	-.109097	.0006256	.0001245	.3428514	.0014087	-.017756
Stddev	.001389	.018375	.0002965	.0005480	.2484665	.0031885	.009054
%RSD	339.3673	16.84283	47.39951	440.0837	72.47061	226.3529	50.99269

#1	-.000947	-.093602	.0003093	.0006603	.5916218	.0000571	-.014033
#2	-.001450	-.129397	.0006702	-.000435	.3422424	-.000881	-.011156
#3	.001168	-.104291	.0008973	.000148	.0946899	.005050	-.028078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.664290	.0021131	.0016002	-.000403	.0038748	.0037059	-.001743
Stddev	.038313	.0013744	.0001826	.000259	.0002028	.0002065	.000101
%RSD	5.767574	65.04204	11.40892	64.18164	5.234461	5.571965	5.769030

#1	-.656112	.0036048	.0014087	-.000621	.0039677	.0034712	-.001655
#2	-.706032	.0008980	.0016198	-.000117	.0040145	.0038596	-.001853
#3	-.630726	.0018367	.0017722	-.000470	.0036421	.0037869	-.001720

Sample Name: K1542-05 Acquired: 02/20/2019 16:20:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC6TJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000726	-.008501	.0000678
Stddev	.002062	.001319	.0001241
%RSD	284.0037	15.51338	183.0334

#1	-.000339	-.008461	.0000956
#2	-.002955	-.007203	.0001756
#3	.001115	-.009840	-.000068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.073	2685.245	40429.99	3544.707	3215.169
Stddev	15.070	10.815	226.84	38.175	6.768
%RSD	.7873049	.4027646	.5610779	1.076947	.2104968

#1	1903.260	2672.797	40361.69	3587.840	3207.490
#2	1931.286	2690.605	40683.13	3531.010	3220.263
#3	1907.673	2692.334	40245.13	3515.270	3217.755

Sample Name: K1523-01 Acquired: 02/20/2019 16:32:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069100	.0001269	.0008928	-.002919	.0002914	.1862929	.2845020
Stddev	.0019310	.0015572	.0015133	.002474	.0005505	.0104777	.0005455
%RSD	27.94582	1227.123	169.4930	84.73384	188.9378	5.624302	.1917326

#1	.0053033	.0010622	.0019437	-.002885	.0006491	.1926525	.2839099
#2	.0063743	-.001671	-.000842	-.005410	-.000343	.1920265	.2846122
#3	.0090523	.000989	.001576	-.000463	.000568	.1741997	.2849840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002572	-.000113	290.2769	.0009614	-.001112	-.004308	3.897797
Stddev	.0000151	.000079	.6263	.0004038	.000307	.003282	.017889
%RSD	5.888452	69.83832	.2157682	41.99754	27.61255	76.18432	.4589486

#1	.0002671	-.000057	290.3987	.0009285	-.000781	-.007801	3.916768
#2	.0002398	-.000203	289.5986	.0005751	-.001387	-.003833	3.895392
#3	.0002647	-.000079	290.8333	.0013806	-.001169	-.001289	3.881233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6571787	96.75110	.0012665	.0005064	191.7608	-.000165	.0070063
Stddev	.0021510	.40233	.0002338	.0004800	.6197	.003549	.0090903
%RSD	.3273166	.4158384	18.46136	94.78015	.3231788	2149.034	129.7455

#1	.6591987	97.00132	.0015260	.0008972	191.0475	.003578	-.003149
#2	.6549170	96.28701	.0012014	.0006515	192.1668	-.000591	.014382
#3	.6574203	96.96497	.0010722	-.000029	192.0682	-.003483	.009786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.870667	.0205964	.0742862	.0001954	14.21083	8.548837	-.004912
Stddev	.029341	.0020941	.0010102	.0002033	.04639	.069576	.001333
%RSD	.7580444	10.16753	1.359930	104.0395	.3264444	.8138707	27.12976

#1	3.903734	.0214335	.0744839	-.000030	14.21445	8.471343	-.004906
#2	3.860528	.0182132	.0731918	.000364	14.16273	8.605938	-.003582
#3	3.847740	.0221425	.0751830	.000252	14.25530	8.569231	-.006247

Sample Name: K1523-01 Acquired: 02/20/2019 16:32:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001169	.0514788	.6143950
Stddev	.001624	.0008893	.0027162
%RSD	138.9278	1.727567	.4420851

#1	-.003034	.0514220	.6128709
#2	-.000067	.0523951	.6175309
#3	-.000405	.0506192	.6127831

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.624	2489.334	39829.86	3489.474	2879.294
Stddev	12.783	5.905	137.92	30.893	7.825
%RSD	.6926316	.2372008	.3462766	.8853062	.2717746

#1	1839.129	2489.901	39852.88	3514.040	2883.454
#2	1860.351	2494.934	39954.83	3499.591	2884.161
#3	1837.393	2483.166	39681.88	3454.792	2870.267

Sample Name: PB117228BS Acquired: 02/20/2019 16:28:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS228 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208329	.0529912	.0179845	.0777336	.1266398	.4736148	.4627203
Stddev	.0034085	.0014179	.0005743	.0017584	.0019773	.0142877	.0178351
%RSD	16.36128	2.675697	3.193157	2.262085	1.561343	3.016735	3.854411

#1	.0242388	.0529969	.0186402	.0773297	.1248479	.4875566	.4809604
#2	.0208383	.0515705	.0177427	.0796588	.1287611	.4742832	.4618805
#3	.0174217	.0544062	.0175707	.0762122	.1263104	.4590047	.4453198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110128	.0103328	11.86271	.0245123	.0987813	.0568567	.2415358
Stddev	.0002576	.0001546	.46505	.0002819	.0030640	.0018638	.0183491
%RSD	2.338678	1.496451	3.920264	1.149971	3.101832	3.278018	7.596827

#1	.0113001	.0103079	12.34406	.0244964	.0990566	.0580313	.2578707
#2	.0108026	.0104983	11.82820	.0248018	.1016983	.0578310	.2450545
#3	.0109358	.0101920	11.41588	.0242387	.0955889	.0547077	.2216822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362286	11.53594	.0838472	.0207667	10.73844	.1180516	.1241824
Stddev	.0005618	.38869	.0027012	.0009982	.30630	.0035818	.0127852
%RSD	1.550800	3.369360	3.221566	4.806737	2.852386	3.034081	10.29553

#1	.0362527	11.89612	.0839378	.0214170	11.04418	.1220554	.1166025
#2	.0367780	11.58776	.0865020	.0212657	10.43158	.1169475	.1170010
#3	.0356551	11.12395	.0811019	.0196174	10.73956	.1151519	.1389437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828421	.0189424	.0254726	.0210716	.1859499	.2127936	.0137662
Stddev	.307330	.0008245	.0001934	.0005862	.0040500	.0032875	.0011367
%RSD	3.126952	4.352439	.7593912	2.781975	2.177997	1.544929	8.257246

#1	10.08660	.0198943	.0254471	.0211497	.1830690	.2163123	.0143978
#2	9.91018	.0184524	.0252933	.0216149	.1905806	.2098006	.0144469
#3	9.48848	.0184805	.0256776	.0204503	.1842000	.2122681	.0124540

Sample Name: PB117228BS Acquired: 02/20/2019 16:28:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS228 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2508564	.1055080	.2363517
Stddev	.0125151	.0036301	.0091333
%RSD	4.988969	3.440622	3.864287

#1	.2638411	.1094741	.2454541
#2	.2498573	.1047000	.2364132
#3	.2388707	.1023500	.2271878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.667	2561.561	39160.82	3447.533	3100.189
Stddev	20.862	5.024	174.09	5.125	8.608
%RSD	1.137695	.1961190	.4445568	.1486655	.2776449

#1	1851.700	2559.055	39109.95	3447.470	3095.428
#2	1810.819	2567.344	39017.83	3452.690	3110.126
#3	1838.483	2558.282	39354.68	3442.440	3095.015

Sample Name: K1523-03 Acquired: 02/20/2019 16:40:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0521697	.0594545	.0226269	.0361039	.1128176	2.290475	2.532467
Stddev	.0027441	.0013032	.0019402	.0032509	.0003141	.012984	.004242
%RSD	5.259872	2.191902	8.574723	9.004216	.2783671	.5668894	.1674863

#1	.0498449	.0579776	.0244953	.0380793	.1131793	2.285853	2.527850
#2	.0514677	.0604425	.0206221	.0323519	.1126595	2.280435	2.536191
#3	.0551966	.0599436	.0227631	.0378806	.1126140	2.305138	2.533360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574981	.0559549	287.3504	.2320787	.5544627	.2864061	5.012354
Stddev	.0002824	.0001530	1.8876	.0009690	.0013624	.0033971	.050196
%RSD	.4911550	.2733571	.6568900	.4175225	.2457193	1.186102	1.001443

#1	.0571741	.0559443	285.2558	.2309654	.5541753	.2831695	4.991442
#2	.0576281	.0558076	287.8758	.2327325	.5532669	.2899436	4.975994
#3	.0576921	.0561129	288.9196	.2325381	.5559459	.2861052	5.069624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.224384	95.12842	.5617953	.0477568	190.0200	.5812031	.5567067
Stddev	.011889	.59709	.0020234	.0006772	.9402	.0038014	.0057766
%RSD	.9710127	.6276686	.3601678	1.418090	.4947783	.6540533	1.037629

#1	1.211095	94.57976	.5617895	.0469754	189.0565	.5807947	.5568027
#2	1.228045	95.04117	.5597747	.0481197	190.9350	.5851922	.5508827
#3	1.234011	95.76434	.5638215	.0481752	190.0684	.5776224	.5624346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.778480	.0188679	.0741205	.0000367	14.07246	8.401330	-.003548
Stddev	.012856	.0014957	.0007746	.0002918	.03609	.087506	.000503
%RSD	.3402487	7.927487	1.045043	794.0743	.2564867	1.041567	14.16807

#1	3.776521	.0172113	.0734486	.0002704	14.04149	8.300289	-.003877
#2	3.766715	.0192734	.0749677	-.000290	14.06379	8.451514	-.002969
#3	3.792203	.0201192	.0739451	.000130	14.11210	8.452188	-.003797

Sample Name: K1523-03 Acquired: 02/20/2019 16:40:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003090	.0502236	.6097210
Stddev	.0005752	.0011261	.0016374
%RSD	186.1220	2.242254	.2685572

#1	.0009156	.0489712	.6083109
#2	-.000229	.0511530	.6115169
#3	.000240	.0505465	.6093351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.687	2477.432	39607.29	3463.684	2864.476
Stddev	2.929	9.542	113.38	17.721	6.740
%RSD	.1605122	.3851728	.2862592	.5116171	.2352973

#1	1821.325	2483.212	39738.10	3484.073	2870.432
#2	1826.684	2482.666	39537.16	3454.989	2865.836
#3	1826.053	2466.418	39546.63	3451.990	2857.159

Sample Name: K1523-02 Acquired: 02/20/2019 16:36:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG4D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068645	.0009720	.0018679	-.002479	-.000337	.1745558	.2828090
Stddev	.0006694	.0006135	.0004762	.001597	.001565	.0005103	.0010176
%RSD	9.752003	63.11405	25.49160	64.43627	464.1813	.2923264	.3598063

#1	.0071035	.0014742	.0020808	-.000840	-.001823	.1741439	.2839806
#2	.0073817	.0002882	.0013224	-.002565	.001297	.1751266	.2821459
#3	.0061084	.0011536	.0022005	-.004031	-.000485	.1743969	.2823005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002306	-.000103	287.9236	.0009733	-.001358	-.003520	3.916952
Stddev	.0000198	.000152	2.4789	.0005269	.000154	.001504	.071695
%RSD	8.592341	146.9989	.8609497	54.13811	11.31688	42.73091	1.830375

#1	.0002107	-.000269	290.6052	.0015817	-.001314	-.001802	3.997171
#2	.0002306	-.000067	287.4498	.0006752	-.001231	-.004159	3.894561
#3	.0002503	.000027	285.7158	.0006630	-.001529	-.004599	3.859125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6535364	96.12490	.0012330	.0000627	190.7609	-.007922	.0122958
Stddev	.0040210	1.40726	.0004493	.0001061	1.1595	.003029	.0139149
%RSD	.6152613	1.463992	36.43502	169.2305	.6078077	38.23448	113.1674

#1	.6579006	97.56516	.0017244	-.000059	192.0985	-.006065	.0150116
#2	.6527268	96.05641	.0011314	.000133	190.0433	-.011417	.0246526
#3	.6499819	94.75314	.0008433	.000115	190.1408	-.006283	-.002777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.811809	.0223080	.0721773	.0000889	14.19814	8.374178	-.004789
Stddev	.041250	.0015273	.0003188	.0000621	.05141	.060691	.000583
%RSD	1.082153	6.846520	.4417112	69.82142	.3620947	.7247426	12.17876

#1	3.777591	.0224818	.0725260	.0001015	14.15236	8.316390	-.005137
#2	3.800224	.0207013	.0721053	.0000215	14.18829	8.368737	-.004116
#3	3.857612	.0237411	.0719006	.0001437	14.25376	8.437406	-.005115

Sample Name: K1523-02 Acquired: 02/20/2019 16:36:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001664	.0506668	.6120163
Stddev	.001285	.0017438	.0002068
%RSD	77.25612	3.441631	.0337920

#1	-.000225	.0486579	.6120023
#2	-.002067	.0515534	.6118168
#3	-.002699	.0517892	.6122297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.224	2481.584	39461.26	3519.089	2873.586
Stddev	7.339	5.701	173.27	8.323	8.114
%RSD	.4020689	.2297176	.4390970	.2365080	.2823485

#1	1820.287	2483.162	39271.34	3525.065	2878.725
#2	1821.727	2486.329	39501.72	3522.619	2877.800
#3	1833.657	2475.260	39610.73	3509.583	2864.233

Sample Name: K1523-01LX5 Acquired: 02/20/2019 16:44:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042211	-.000412	-.000485	-.000969	.0008240	.0427690	.0574102
Stddev	.0014341	.002020	.000966	.002804	.0008341	.0101795	.0006506
%RSD	33.97381	490.7715	199.0409	289.5499	101.2166	23.80117	1.133202

#1	.0026346	-.002481	-.000807	-.001675	.0011330	.0396067	.0573251
#2	.0046034	.001556	.000600	-.003352	-.000120	.0541544	.0568063
#3	.0054253	-.000311	-.001249	.002122	.001460	.0345460	.0580991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000356	-.000081	58.21399	.0003308	-.001390	.0011907	.7857110
Stddev	.0000515	.000138	.14508	.0001819	.000226	.0015530	.0197159
%RSD	144.5209	170.6597	.2492169	54.97279	16.28160	130.4291	2.509305

#1	-.000017	.000029	58.36867	.0001638	-.001357	-.000593	.8000346
#2	.000086	-.000036	58.19239	.0005246	-.001182	.001921	.7938738
#3	.000038	-.000235	58.08093	.0003040	-.001631	.002244	.7632247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1317912	19.23342	.0003279	.0003735	38.89015	-.001194	.0056477
Stddev	.0010706	.12733	.0003856	.0002783	.13494	.008067	.0102261
%RSD	.8123682	.6619989	117.5823	74.53348	.3469890	675.5179	181.0674

#1	.1306043	19.09698	-.000117	.0006923	38.94182	-.006360	.0006262
#2	.1326840	19.34907	.000570	.0002488	38.99163	.008101	.0174138
#3	.1320853	19.25421	.000530	.0001792	38.73701	-.005324	-.001097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7874663	.0056853	.0175513	-.000113	2.696917	1.685323	-.003156
Stddev	.0664648	.0018419	.0003496	.000366	.006986	.015841	.000016
%RSD	8.440335	32.39709	1.991664	325.1588	.2590323	.9399453	.4925391

#1	.8639522	.0076410	.0179549	.000066	2.690230	1.701669	-.003157
#2	.7437465	.0054310	.0173446	.000130	2.696354	1.670040	-.003170
#3	.7547001	.0039838	.0173544	-.000534	2.704168	1.684261	-.003139

Sample Name: K1523-01LX5 Acquired: 02/20/2019 16:44:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017394	.0112266	.1267807
Stddev	.0025290	.0004368	.0002948
%RSD	145.3932	3.890297	.2325045

#1	-.000135	.0107285	.1267656
#2	.000738	.0114072	.1264938
#3	.004616	.0115440	.1270827

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.347	2524.600	39085.91	3480.884	3031.214
Stddev	11.266	5.623	107.95	4.487	6.133
%RSD	.6219764	.2227173	.2761789	.1288943	.2023419

#1	1824.103	2521.324	39185.42	3480.440	3034.551
#2	1802.758	2531.093	38971.15	3476.635	3034.955
#3	1807.179	2521.384	39101.17	3485.576	3024.135

Sample Name: PB117229BL Acquired: 02/20/2019 16:52:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW229 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015336	-.001957	-.000851	.0023860	.0001541	.0061645	.0002429
Stddev	.0022138	.000630	.000317	.0014401	.0017855	.0099709	.0012276
%RSD	144.3503	32.21251	37.31625	60.35755	1159.067	161.7467	505.4449

#1	-.001022	-.001295	-.000585	.0012611	-.001898	-.005347	.0015023
#2	.002775	-.002550	-.001202	.0040091	.001351	.012108	.0001764
#3	.002848	-.002027	-.000764	.0018878	.001010	.011732	-.000950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000092	-.001760	.0000638	-.000352	-.001235	-.002633
Stddev	.000063	.000044	.012936	.0002242	.000258	.001605	.025854
%RSD	300.5692	47.84003	734.8437	351.0875	73.25932	129.9178	981.8521

#1	-.000092	-.000041	-.016054	-.000023	-.000284	.000250	.022285
#2	.000004	-.000118	.001632	-.000104	-.000135	-.002938	-.029330
#3	.000025	-.000117	.009141	.000318	-.000638	-.001018	-.000855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000804	-.039530	-.000008	.0006999	.3994463	-.001876	-.016432
Stddev	.001312	.021451	.000397	.0003033	.2935719	.005266	.013710
%RSD	163.2546	54.26550	4783.715	43.33817	73.49471	280.7260	83.43747

#1	-.000100	-.019069	-.000264	.0008960	.7373174	.003162	-.028858
#2	-.002317	-.061850	-.000210	.0003505	.2067035	-.007343	-.018714
#3	.000006	-.037671	.000450	.0008533	.2543180	-.001446	-.001724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857170	.0004713	.0020868	-.000042	.0000606	.0007779	-.000746
Stddev	.0589438	.0010180	.0005717	.000230	.0044103	.0005185	.001581
%RSD	68.76553	215.9867	27.39842	544.9720	7283.335	66.64916	211.8864

#1	.0427933	.0015409	.0018945	.000211	.0043475	.0002225	-.001842
#2	.0614346	.0003588	.0027299	-.000098	.0002977	.0008621	-.001462
#3	.1529231	-.000486	.0016360	-.000239	-.004463	.0012492	.001066

Sample Name: PB117229BL Acquired: 02/20/2019 16:52:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW229 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029670	.0040650	.0000815
Stddev	.0024893	.0007393	.0000915
%RSD	83.89724	18.18596	112.2512

#1	.0002091	.0046194	.0001049
#2	.0050472	.0043498	-.000019
#3	.0036448	.0032257	.000159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.967	2546.223	38897.89	3463.717	3068.642
Stddev	16.156	11.073	137.31	11.933	10.190
%RSD	.8940700	.4348947	.3530075	.3445065	.3320653

#1	1812.026	2543.064	39055.07	3476.780	3064.263
#2	1819.988	2558.532	38801.27	3453.390	3080.289
#3	1788.888	2537.072	38837.33	3460.980	3061.373

Sample Name: K1523-04 Acquired: 02/20/2019 16:48:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048163	-.000640	.0014379	.0007459	.0003418	.1345188	.2867720
Stddev	.0031665	.000340	.0007992	.0007905	.0019363	.0133192	.0006705
%RSD	65.74506	53.19344	55.57722	105.9892	566.5512	9.901353	.2337962

#1	.0019820	-.000827	.0020701	.0009435	.0005585	.1254698	.2875180
#2	.0082339	-.000845	.0005397	.0014188	.0021606	.1282736	.2862199
#3	.0042331	-.000247	.0017041	-.000125	-.001694	.1498131	.2865780

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001835	-.000117	294.0406	.0007925	-.000992	-.004916	3.838420
Stddev	.0000300	.000100	1.9821	.0003176	.000201	.004042	.036787
%RSD	16.35154	85.45886	.6740983	40.08055	20.30276	82.20977	.9583990

#1	.0002171	-.000162	294.1895	.0005048	-.001133	-.006035	3.807581
#2	.0001742	-.000002	295.9441	.0011333	-.000761	-.008281	3.879138
#3	.0001593	-.000186	291.9882	.0007393	-.001082	-.000433	3.828543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6632283	97.69015	.0012439	.0003831	192.3336	-.008013	-.006143
Stddev	.0051625	.71898	.0001686	.0004425	.7862	.002040	.004188
%RSD	.7783878	.7359757	13.55242	115.5025	.4087748	25.45686	68.17737

#1	.6648001	98.06219	.0012648	-.000097	192.3207	-.009011	-.001413
#2	.6674222	98.14686	.0014011	.000775	193.1262	-.005667	-.007635
#3	.6574626	96.86139	.0010659	.000470	191.5540	-.009363	-.009381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.955946	.0179966	.0726394	.0000827	14.41372	8.593431	-.002868
Stddev	.050861	.0001852	.0009573	.0003054	.02887	.021757	.000662
%RSD	1.285693	1.029300	1.317884	369.4865	.2002946	.2531799	23.07912

#1	3.942545	.0180522	.0729268	.0002951	14.38058	8.618549	-.002104
#2	3.913127	.0177900	.0734201	-.000267	14.42711	8.581318	-.003261
#3	4.012166	.0181478	.0715713	.000220	14.43346	8.580427	-.003240

Sample Name: K1523-04 Acquired: 02/20/2019 16:48:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001737	.0524087	.6231352
Stddev	.002689	.0009557	.0010817
%RSD	154.7825	1.823597	.1735862

#1	-.002680	.0525855	.6242699
#2	.001296	.0532636	.6230197
#3	-.003827	.0513769	.6221159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.172	2481.947	39459.88	3462.398	2869.038
Stddev	12.281	11.101	298.94	31.018	12.500
%RSD	.6732203	.4472549	.7575864	.8958637	.4357017

#1	1831.145	2486.459	39683.68	3472.781	2875.600
#2	1809.992	2490.081	39120.38	3427.520	2876.891
#3	1831.378	2469.301	39575.59	3486.894	2854.623

Sample Name: K1524-01 Acquired: 02/20/2019 17:00:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057268	-.000725	.0011393	-.001662	-.000775	-.101944	.2650618
Stddev	.0018815	.002278	.0006046	.002579	.001225	.020305	.0017196
%RSD	32.85457	314.0896	53.06465	155.1793	158.1120	19.91801	.6487461

#1	.0068441	.000404	.0011063	-.003328	-.001182	-.116687	.2640605
#2	.0067817	-.003347	.0005519	.001309	-.001745	-.078784	.2640775
#3	.0035545	.000767	.0017596	-.002966	.000602	-.110361	.2670474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002053	-.000104	276.7961	.0005570	-.001539	-.002049	2.507611
Stddev	.0000429	.000045	2.9933	.0004356	.000085	.006673	.094412
%RSD	20.87605	43.33074	1.081406	78.20886	5.490999	325.6759	3.765033

#1	.0001763	-.000080	273.7656	.0009246	-.001507	-.007918	2.568210
#2	.0002545	-.000076	279.7508	.0006704	-.001476	-.003438	2.555793
#3	.0001851	-.000156	276.8719	.0000759	-.001635	.005209	2.398829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6099936	91.61970	.0011049	.0001833	179.1674	-.001178	.0133849
Stddev	.0074472	.75761	.0000679	.0006060	1.8283	.004216	.0139759
%RSD	1.220870	.8269119	6.144826	330.6792	1.020466	357.9602	104.4149

#1	.6028748	90.86043	.0010274	-.000458	177.4174	-.000825	.0114521
#2	.6177307	92.37565	.0011336	.000262	181.0652	-.005559	.0004761
#3	.6093754	91.62304	.0011538	.000746	179.0196	.002851	.0282266

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.695447	.0109992	.0717447	-.000040	13.52968	7.939412	-.004167
Stddev	.025294	.0010749	.0012963	.000300	.03258	.082357	.000825
%RSD	.6844506	9.772751	1.806872	758.4145	.2407976	1.037319	19.79642

#1	3.666671	.0101256	.0704153	-.000104	13.54564	7.845848	-.003487
#2	3.705507	.0106724	.0730052	-.000302	13.49220	8.000926	-.005084
#3	3.714163	.0121996	.0718138	.000287	13.55120	7.971463	-.003929

Sample Name: K1524-01 Acquired: 02/20/2019 17:00:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004236	.0486970	.5906544
Stddev	.000780	.0009076	.0004369
%RSD	18.41701	1.863880	.0739608

#1	-.003336	.0476983	.5901650
#2	-.004666	.0489211	.5910051
#3	-.004707	.0494716	.5907931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.503	2555.799	40608.49	3552.609	2960.568
Stddev	3.149	1.400	51.57	32.962	3.561
%RSD	.1677482	.0547945	.1269982	.9278357	.1202716

#1	1875.623	2554.543	40588.31	3590.565	2960.674
#2	1881.139	2555.546	40667.10	3536.093	2956.955
#3	1875.747	2557.309	40570.06	3531.170	2964.074

Sample Name: PB117229BS Acquired: 02/20/2019 16:56:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS229 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203907	.0475204	.0174773	.0729975	.1156257	.3831005	.3933741
Stddev	.0013365	.0025580	.0010826	.0019991	.0011723	.0179897	.0129972
%RSD	6.554270	5.383040	6.194340	2.738517	1.013845	4.695806	3.304035

#1	.0200916	.0503682	.0176574	.0743174	.1165393	.3875632	.4076538
#2	.0218514	.0467758	.0184586	.0739776	.1160339	.3984388	.3902334
#3	.0192292	.0454173	.0163160	.0706976	.1143039	.3632996	.3822350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094801	.0093823	10.20602	.0205913	.0882536	.0489937	.1983942
Stddev	.0001410	.0001375	.27993	.0007736	.0007862	.0016618	.0204971
%RSD	1.487699	1.465683	2.742750	3.756981	.8908398	3.391825	10.33149

#1	.0094191	.0095406	10.52727	.0200042	.0888094	.0480261	.1978735
#2	.0093799	.0093144	10.07633	.0203017	.0885973	.0509125	.2191468
#3	.0096414	.0092920	10.01446	.0214679	.0873541	.0480425	.1781625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311806	9.746724	.0748328	.0191379	10.18459	.0926731	.0908452
Stddev	.0022474	.339059	.0008798	.0003526	.44843	.0027137	.0228092
%RSD	7.207724	3.478699	1.175670	1.842445	4.402979	2.928214	25.10776

#1	.0334643	10.08638	.0757644	.0188465	10.59136	.0950856	.0994611
#2	.0289713	9.74553	.0740161	.0190373	10.25869	.0931986	.1080915
#3	.0311061	9.40826	.0747179	.0195299	9.70374	.0897352	.0649831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16659	.0202451	.0219585	.0185640	.1712591	.1959601	.0113629
Stddev	.21796	.0002859	.0015939	.0002078	.0027639	.0011683	.0008942
%RSD	2.143916	1.412346	7.258840	1.119476	1.613878	.5961673	7.869644

#1	10.39742	.0199530	.0235501	.0184076	.1714082	.1946229	.0122984
#2	10.13807	.0205245	.0203622	.0187998	.1739455	.1967829	.0112739
#3	9.96430	.0202579	.0219631	.0184845	.1684237	.1964744	.0105166

Sample Name: PB117229BS Acquired: 02/20/2019 16:56:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS229 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2030183	.0967897	.1984290
Stddev	.0059359	.0019734	.0063388
%RSD	2.923825	2.038883	3.194493

#1	.2097270	.0989700	.2050296
#2	.1984473	.0951259	.1978680
#3	.2008806	.0962731	.1923893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.069	2563.500	39433.86	3437.240	3112.007
Stddev	9.276	6.913	140.05	12.450	11.897
%RSD	.5035795	.2696614	.3551499	.3622106	.3822967

#1	1831.913	2570.811	39272.60	3424.770	3122.349
#2	1850.095	2562.622	39525.03	3449.670	3114.666
#3	1844.199	2557.069	39503.94	3437.280	3099.005

Sample Name: K1524-02 Acquired: 02/20/2019 17:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066796	.0003437	.0015387	-.001477	-.000191	-.099888	.2749612
Stddev	.0014521	.0019607	.0013685	.001294	.000962	.021759	.0016650
%RSD	21.73994	570.3811	88.94253	87.63852	503.8959	21.78295	.6055539

#1	.0083547	-.000883	.0028228	-.002043	.000821	-.101578	.2730420
#2	.0059054	-.000691	.0000990	.000004	-.000299	-.077334	.2758214
#3	.0057785	.002605	.0016942	-.002391	-.001095	-.120752	.2760202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001923	-.000144	283.9369	.0005173	-.001759	-.001550	2.620191
Stddev	.0000696	.000098	1.0311	.0000826	.000214	.002854	.020386
%RSD	36.16867	68.50387	.3631561	15.96259	12.18828	184.1273	.7780278

#1	.0002220	-.000251	283.2930	.0004283	-.001591	.000698	2.623268
#2	.0001128	-.000058	283.3915	.0005322	-.002000	-.000587	2.598441
#3	.0002421	-.000122	285.1262	.0005915	-.001685	-.004761	2.638863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6247925	94.15426	.0006342	.0002407	184.8142	-.003904	.0007085
Stddev	.0037534	.31250	.0005745	.0004760	.3946	.007039	.0241287
%RSD	.6007501	.3319017	90.59514	197.7522	.2134940	180.3019	3405.773

#1	.6220899	93.95596	.0012420	.0002140	184.3693	-.011867	-.008924
#2	.6232095	93.99233	.0001000	.0007295	184.9512	.001490	.028165
#3	.6290781	94.51449	.0005605	-.000221	185.1219	-.001336	-.017116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.796665	.0102519	.0723858	-.000133	14.02423	8.053488	-.003988
Stddev	.017858	.0015059	.0012652	.000124	.08838	.023117	.001332
%RSD	.4703582	14.68886	1.747834	93.12850	.6302089	.2870472	33.38912

#1	3.806078	.0109709	.0709510	.000002	13.94032	8.027771	-.004753
#2	3.807846	.0085213	.0733411	-.000158	14.01588	8.072542	-.004761
#3	3.776069	.0112636	.0728654	-.000241	14.11649	8.060150	-.002451

Sample Name: K1524-02 Acquired: 02/20/2019 17:05:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005749	.0494246	.6082950
Stddev	.002163	.0014236	.0017870
%RSD	37.63271	2.880401	.2937695

#1	-.007362	.0497620	.6062441
#2	-.003290	.0478626	.6091233
#3	-.006594	.0506493	.6095174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.609	2467.858	39393.43	3449.872	2863.854
Stddev	15.168	6.863	156.90	4.686	6.110
%RSD	.8395582	.2781120	.3982879	.1358265	.2133488

#1	1789.387	2470.950	39212.41	3454.857	2870.334
#2	1817.978	2472.630	39477.54	3445.558	2863.032
#3	1812.463	2459.992	39490.34	3449.201	2858.197

Sample Name: K1524-03 Acquired: 02/20/2019 17:09:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528933	.0642765	.0226570	.0360018	.1214497	2.177543	2.680514
Stddev	.0024154	.0025880	.0012903	.0017740	.0007468	.006895	.010165
%RSD	4.566453	4.026350	5.695134	4.927392	.6148791	.3166592	.3792053

#1	.0501228	.0616900	.0225665	.0380412	.1220472	2.174300	2.671772
#2	.0545563	.0642734	.0239902	.0348166	.1216894	2.185462	2.691668
#3	.0540008	.0668660	.0214142	.0351475	.1206125	2.172867	2.678102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608421	.0600437	272.5781	.2485171	.5935099	.3007217	3.781228
Stddev	.0003724	.0004447	3.0426	.0016624	.0031918	.0015999	.025727
%RSD	.6119886	.7406061	1.116222	.6689154	.5377839	.5320298	.6803984

#1	.0612692	.0598984	273.8032	.2466000	.5909516	.3007130	3.789786
#2	.0606717	.0596899	274.8170	.2493933	.5924915	.3023260	3.801586
#3	.0605854	.0605429	269.1139	.2495582	.5970867	.2991261	3.752313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206105	90.44157	.6003279	.0513770	178.0119	.6174582	.5923044
Stddev	.017024	.63325	.0042154	.0004104	1.1356	.0093211	.0173184
%RSD	1.411501	.7001808	.7021867	.7987366	.6379376	1.509598	2.923906

#1	1.213174	91.08383	.5970803	.0511411	177.9089	.6189845	.6007096
#2	1.218456	90.42316	.5988116	.0511390	179.1956	.6259220	.5723873
#3	1.186686	89.81773	.6050917	.0518508	176.9314	.6074681	.6038161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.626249	.0098312	.0701038	-.000110	13.68121	7.743625	-.004176
Stddev	.040511	.0009904	.0000739	.000056	.05205	.071212	.000642
%RSD	1.117156	10.07377	.1054561	51.17587	.3804271	.9196171	15.37602

#1	3.613969	.0096220	.0701885	-.000053	13.64478	7.803658	-.003553
#2	3.671479	.0089622	.0700528	-.000166	13.65802	7.762272	-.004139
#3	3.593299	.0109095	.0700700	-.000111	13.74082	7.664945	-.004836

Sample Name: K1524-03 Acquired: 02/20/2019 17:09:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.008609	.0486012	.5914306
Stddev	.001591	.0008906	.0010197
%RSD	18.48430	1.832526	.1724067

#1	-.008840	.0487082	.5922161
#2	-.006915	.0494335	.5917976
#3	-.010072	.0476619	.5902783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.692	2506.095	39697.31	3528.614	2903.916
Stddev	7.688	15.655	129.57	24.162	17.932
%RSD	.4206528	.6246825	.3264053	.6847391	.6175220

#1	1833.250	2518.174	39826.65	3504.537	2916.055
#2	1830.909	2511.702	39567.51	3528.444	2912.373
#3	1818.918	2488.408	39697.76	3552.860	2883.318

Sample Name: K1524-01LX5 Acquired: 02/20/2019 17:13:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022499	-.000164	-.000042	.0020398	.0002362	-.012223	.0504714
Stddev	.0022443	.000825	.000845	.0026168	.0007950	.018706	.0007109
%RSD	99.74964	502.5001	1995.178	128.2852	336.5697	153.0472	1.408550

#1	.0027389	-.001031	-.000899	.0041957	.0005057	-.019529	.0509626
#2	-.000199	.000612	.000790	.0027955	-.000659	.009034	.0496562
#3	.004209	-.000073	-.000018	-.000872	.000861	-.026173	.0507954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000597	-.000119	52.01730	.0003738	-.001572	-.008003	.4678795
Stddev	.0000525	.000073	.21948	.0004708	.000220	.002548	.0166866
%RSD	87.89311	61.17102	.4219384	125.9703	14.01234	31.83181	3.566422

#1	.0000927	-.000039	51.98638	-.000066	-.001381	-.005962	.4528969
#2	.0000871	-.000136	51.81491	.000317	-.001522	-.010859	.4858628
#3	-.000001	-.000182	52.25060	.000870	-.001814	-.007189	.4648789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1163552	17.18376	.0002078	.0005236	33.57835	-.005891	.0011586
Stddev	.0031387	.13689	.0002542	.0001139	.22207	.002680	.0106210
%RSD	2.697541	.7966090	122.3105	21.75755	.6613558	45.49616	916.6800

#1	.1147981	17.02575	-.000044	.0005344	33.65462	-.004899	.0073230
#2	.1142995	17.25939	.000464	.0004047	33.75223	-.008926	-.011105
#3	.1199681	17.26615	.000204	.0006318	33.32819	-.003848	.007258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7399618	.0049464	.0139573	-.000142	2.424524	1.444892	-.003167
Stddev	.0156040	.0003974	.0020366	.000150	.007591	.010857	.000698
%RSD	2.108754	8.034619	14.59163	105.4444	.3130861	.7514254	22.04322

#1	.7438155	.0053044	.0118601	-.000177	2.422306	1.432542	-.003610
#2	.7227920	.0045187	.0140844	.000022	2.418288	1.449202	-.003530
#3	.7532778	.0050161	.0159273	-.000271	2.432976	1.452933	-.002363

Sample Name: K1524-01LX5 Acquired: 02/20/2019 17:13:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031721	.0119347	.1132758
Stddev	.0020541	.0004356	.0004285
%RSD	64.75464	3.649949	.3783014

#1	.0009302	.0118655	.1132572
#2	.0036226	.0115377	.1137133
#3	.0049635	.0124007	.1128569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.455	2505.388	38912.11	3469.910	3021.782
Stddev	15.219	5.811	169.94	3.873	4.314
%RSD	.8429353	.2319466	.4367352	.1116043	.1427604

#1	1798.751	2502.596	38837.11	3471.070	3023.434
#2	1794.739	2512.068	38792.57	3465.590	3025.025
#3	1822.875	2501.500	39106.65	3473.070	3016.886

Sample Name: K1524-04 Acquired: 02/20/2019 17:17:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MESXG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069907	.0004220	.0011429	-.000355	.0010322	-.106153	.2768345
Stddev	.0013861	.0002975	.0005840	.001579	.0005425	.005384	.0016431
%RSD	19.82828	70.48359	51.09336	444.3952	52.55980	5.072376	.5935174

#1	.0080841	.0007231	.0013156	-.000192	.0005562	-.111966	.2774547
#2	.0074563	.0004147	.0016211	-.002009	.0009175	-.101335	.2749716
#3	.0054317	.0001283	.0004921	.001135	.0016229	-.105159	.2780772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001406	-.000113	287.3398	.0002542	-.001674	-.002864	2.757997
Stddev	.0000862	.000039	1.7057	.0002671	.000268	.002448	.024648
%RSD	61.35947	35.07841	.5936231	105.0673	15.98617	85.47617	.8936768

#1	.0000418	-.000151	285.6567	.0001453	-.001929	-.000038	2.757526
#2	.0001786	-.000114	287.2955	.0005586	-.001698	-.004235	2.782876
#3	.0002013	-.000072	289.0672	.0000588	-.001395	-.004319	2.733588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6443706	95.70736	.0006593	.0003228	187.4031	-.001336	-.004852
Stddev	.0057483	.85628	.0002586	.0005779	.9573	.002602	.023785
%RSD	.8920849	.8946860	39.22491	179.0106	.5108238	194.8149	490.1612

#1	.6381619	94.72491	.0004172	-.000212	186.7706	.000693	-.032104
#2	.6495078	96.29512	.0009317	.000244	186.9343	-.000431	.011732
#3	.6454422	96.10203	.0006288	.000936	188.5045	-.004269	.005815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.920642	.0120348	.0721172	.0000470	14.06465	8.141064	-.003770
Stddev	.073195	.0029166	.0016534	.0004269	.02300	.101549	.001268
%RSD	1.866921	24.23505	2.292710	908.5158	.1635586	1.247370	33.63670

#1	3.920507	.0139667	.0716363	.0005022	14.05326	8.133628	-.003813
#2	3.847514	.0086798	.0707575	-.000017	14.04957	8.043437	-.005017
#3	3.993905	.0134580	.0739577	-.000345	14.09113	8.246126	-.002481

Sample Name: K1524-04 Acquired: 02/20/2019 17:17:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MESXG7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004668	.0502692	.6121073
Stddev	.000613	.0017833	.0026200
%RSD	13.13103	3.547410	.4280311

#1	-.003968	.0487069	.6114215
#2	-.005108	.0498888	.6098984
#3	-.004929	.0522120	.6150020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.122	2479.098	39611.75	3473.180	2874.821
Stddev	14.595	9.710	55.99	30.270	4.045
%RSD	.7987767	.3916825	.1413399	.8715385	.1407003

#1	1832.309	2477.083	39553.79	3486.438	2875.509
#2	1810.643	2489.658	39665.53	3494.560	2878.478
#3	1838.416	2470.554	39615.94	3438.543	2870.476

Sample Name: CCB033 Acquired: 02/20/2019 17:24:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023800	.0005926	.0006864	.0000991	.0004463	.0071359
Stddev	.0012909	.0018607	.0002110	.0017407	.0013635	.0217228
%RSD	54.24121	313.9803	30.74058	1755.572	305.4973	304.4146

#1	.0008983	.0027045	.0006960	.0004492	-.000087	-.005461
#2	.0032621	-.000806	.0004707	-.001790	-.000570	-.005351
#3	.0029797	-.000121	.0008924	.001638	.001996	.032219

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000231	.0000529	.0000394	.0153542	.0004296	-.000290
Stddev	.000726	.0000554	.0001275	.0233224	.0003208	.000022
%RSD	314.4814	104.7348	323.1169	151.8961	74.67284	7.457590

#1	.000299	.0000473	-.000006	.0330955	.0007253	-.000304
#2	-.001058	.0000005	.000183	.0240298	.0004749	-.000301
#3	.000067	.0001109	-.000059	-.011063	.0000885	-.000265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005557	-.012156	-.001473	-.037206	.0000518	-.000067
Stddev	.002701	.030593	.000614	.061607	.0001421	.000507
%RSD	48.59419	251.6669	41.67283	165.5823	274.1912	757.3346

#1	-.006173	-.038098	-.001431	.021687	.0002159	-.000382
#2	-.002602	-.019949	-.002107	-.032097	-.000029	.000517
#3	-.007897	.021579	-.000881	-.101208	-.000032	-.000336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2723772	-.002322	.0012824	.1674270	.0002363	F .0117793
Stddev	.2546534	.003948	.0064649	.0223458	.0014772	.0010898
%RSD	93.49293	170.0275	504.1428	13.34662	625.2189	9.251663

#1	.1319042	-.006862	.0070596	.1502728	.0009225	.0118558
#2	.5663296	-.000402	-.005700	.1593117	-.001459	.0128289
#3	.1188976	.000299	.002488	.1926965	.001246	.0106533

Sample Name: CCB033 Acquired: 02/20/2019 17:24:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001444	-.004897	.0011298	.0002760	.0017347	.0064538
Stddev	.0000719	.001941	.0022215	.0014402	.0030007	.0018622
%RSD	49.78781	39.62623	196.6357	521.8182	172.9847	28.85361
#1	.0000800	-.007105	.0033776	.0002899	.0041828	.0061898
#2	.0001313	-.004126	.0010763	.0017093	-.001613	.0047378
#3	.0002220	-.003460	-.001065	-.001171	.002634	.0084339

Elem	Sr4077
Units	ppm
Avg	.0000659
Stddev	.0000472
%RSD	71.60479
#1	.0001182
#2	.0000530
#3	.0000265

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.906	2524.611	39282.28	3462.017	3056.461
Stddev	4.760	41.900	16.62	25.597	47.496
%RSD	.2596879	1.659664	.0423110	.7393569	1.553940
#1	1835.053	2557.896	39272.33	3433.610	3090.449
#2	1827.451	2477.560	39273.04	3469.150	3002.192
#3	1836.215	2538.378	39301.47	3483.290	3076.742

Sample Name: CCV033 Acquired: 02/20/2019 17:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813297	4.827612	24.19536	4.702447	4.859780	407.9715	9.939372
Stddev	.015293	.013791	.04536	.030811	.018473	.8902	.012515
%RSD	.3177229	.2856601	.1874577	.6552133	.3801257	.2182127	.1259087

#1	4.796604	4.819564	24.20622	4.671855	4.838750	407.2587	9.932776
#2	4.816654	4.819737	24.14556	4.702014	4.873389	407.6864	9.953805
#3	4.826633	4.843536	24.23430	4.733473	4.867199	408.9693	9.931535

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912935	2.445520	411.0705	14.97711	2.485571	14.78140	410.8984
Stddev	.0037073	.006652	2.0960	.03057	.005584	.01017	2.7092
%RSD	.7546021	.2720260	.5098970	.2041197	.2246606	.0688044	.6593355

#1	.4896804	2.443983	409.6391	14.99414	2.482165	14.78587	411.5273
#2	.4955341	2.439770	410.0959	14.99536	2.482534	14.76976	407.9301
#3	.4886660	2.452806	413.4763	14.94181	2.492016	14.78857	413.2378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57834	403.6152	2.473954	1.230609	403.9747	2.455967	14.66366
Stddev	.12451	1.2933	.006129	.003274	2.3875	.031023	.29974
%RSD	.8540731	.3204188	.2477440	.2660373	.5910121	1.263186	2.044079

#1	14.47980	403.8757	2.473381	1.232249	401.4012	2.453094	14.78762
#2	14.53693	402.2115	2.468132	1.232738	406.1177	2.426479	14.32182
#3	14.71827	404.7584	2.480350	1.226839	404.4051	2.488326	14.88152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5184	5.000876	4.939569	4.867410	5.029203	4.879858	4.945960
Stddev	.5553	.019861	.025387	.026724	.021417	.046725	.006297
%RSD	.3689227	.3971499	.5139609	.5490429	.4258445	.9575000	.1273192

#1	150.1377	4.985168	4.941826	4.837326	5.008608	4.851177	4.948049
#2	151.1556	4.994258	4.963753	4.876500	5.027646	4.933775	4.938884
#3	150.2620	5.023201	4.913128	4.888403	5.051356	4.854623	4.950947

Sample Name: CCV033 Acquired: 02/20/2019 17:21:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v793) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.923477	5.044901	5.006475
Stddev	.011236	.013185	.016486
%RSD	.2282126	.2613480	.3293010

#1	4.933637	5.029683	5.017039
#2	4.911410	5.052887	5.014908
#3	4.925385	5.052134	4.987478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.748	2172.731	37004.18	3338.689	2445.040
Stddev	6.669	5.756	74.71	18.815	5.902
%RSD	.4150430	.2649221	.2018867	.5635418	.2413876

#1	1612.200	2178.936	36931.20	3348.994	2440.541
#2	1608.730	2171.691	37080.50	3316.972	2451.723
#3	1599.312	2167.566	37000.85	3350.100	2442.856