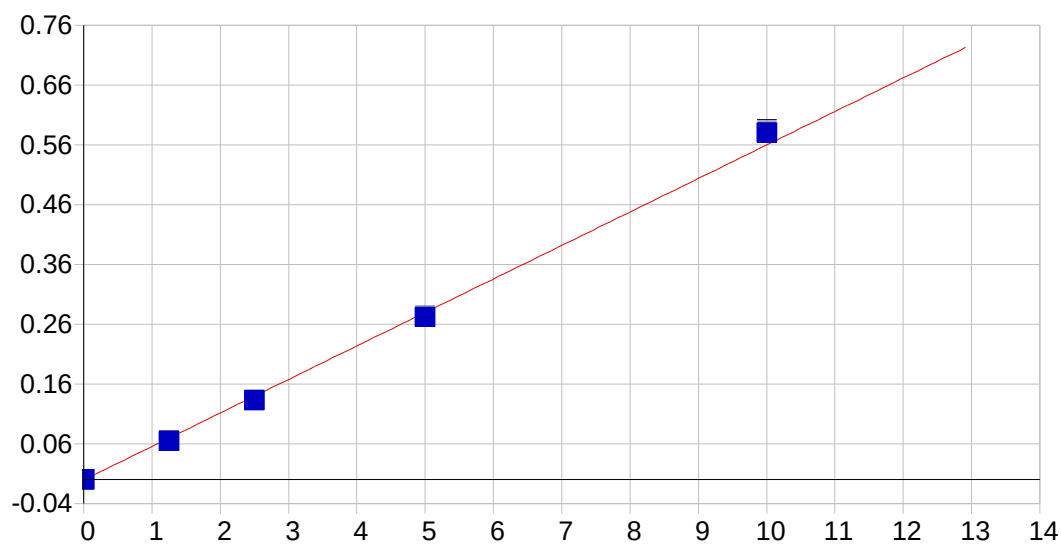


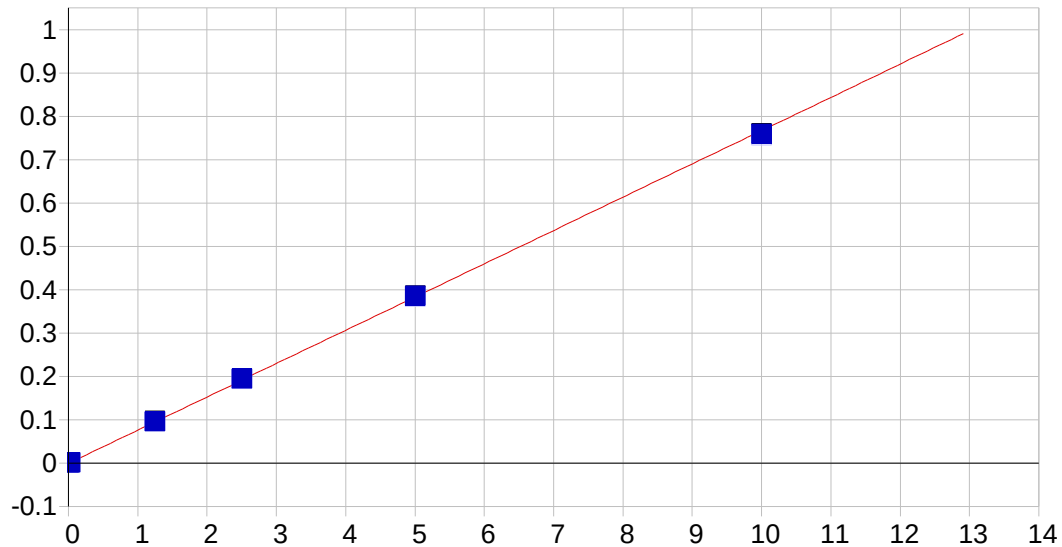


As 189.042 {479}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.056018 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999156 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.003156
 Predicted MQL: 0.010521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.00828	-.002	-17.2	.00014	.000	1
S2	1.2500	1.1540	-.096	-7.68	.06459	.000	1
S3	2.5000	2.3703	-.130	-5.19	.13299	.000	1
S4	5.0000	4.8590	-.141	-2.82	.27294	.001	1
S5	10.000	10.368	.368	3.68	.58265	.003	1

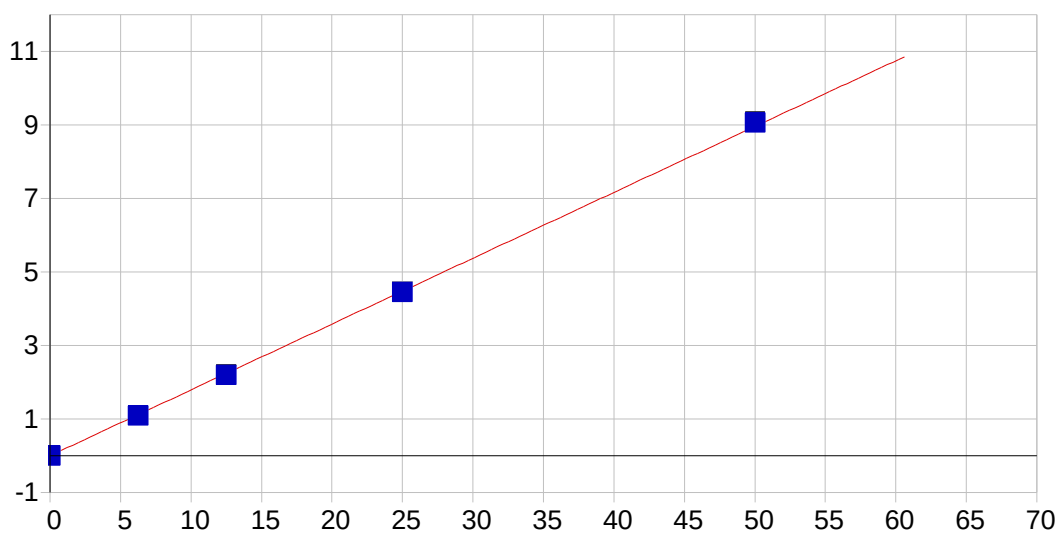


TI 190.856 {477}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000654 Re-Slope: 1.000000
 A1 (Gain): 0.076747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.001909
 Predicted MQL: 0.006364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00065	.000	1
S1	.02500	.02623	.001	4.92	.00133	.000	1
S2	1.2500	1.2685	.019	1.48	.09612	.000	1
S3	2.5000	2.5450	.045	1.80	.19351	.000	1
S4	5.0000	5.0298	.030	.596	.38305	.001	1
S5	10.000	9.9055	-.095	-.945	.75493	.001	1

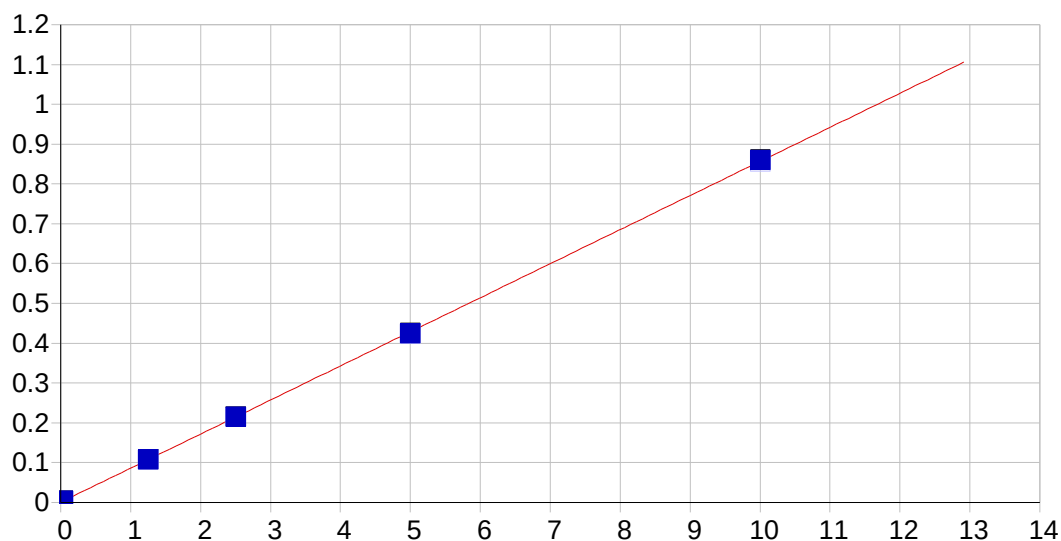


Pb 220.353 {453}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.179131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.001708
 Predicted MQL: 0.005694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.01000	.01014	.000	1.37	.00146	.000	1
S2	6.2500	6.0489	-.201	-3.22	1.0847	.001	1
S3	12.500	12.250	-.250	-2.00	2.1971	.006	1
S4	25.000	24.849	-.151	-.604	4.4571	.006	1
S5	50.000	50.602	.602	1.20	9.0764	.012	1

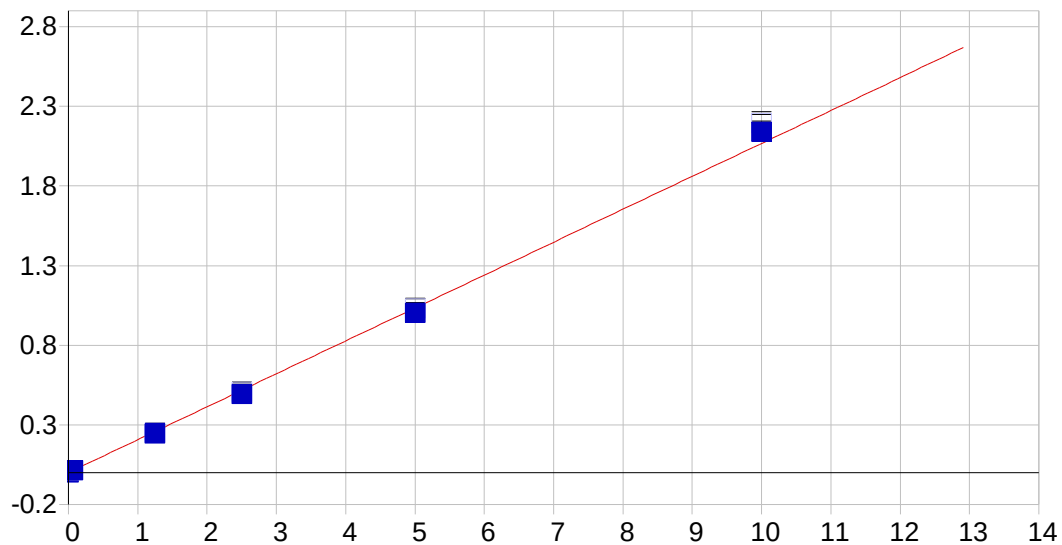


Se 196.090 {472}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000625	Re-Slope: 1.000000
A1 (Gain):	0.085594	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999986	Status: OK.
Std Error of Est:	0.000014	
Predicted MDL:	0.002790	
Predicted MQL:	0.009298	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.03500	.03534	.000	.985	.00365	.000	1
S2	1.2500	1.2514	.001	.110	.10723	.000	1
S3	2.5000	2.5100	.010	.398	.21446	.001	1
S4	5.0000	4.9560	-.044	-.880	.42283	.001	1
S5	10.000	10.032	.032	.323	.85532	.001	1

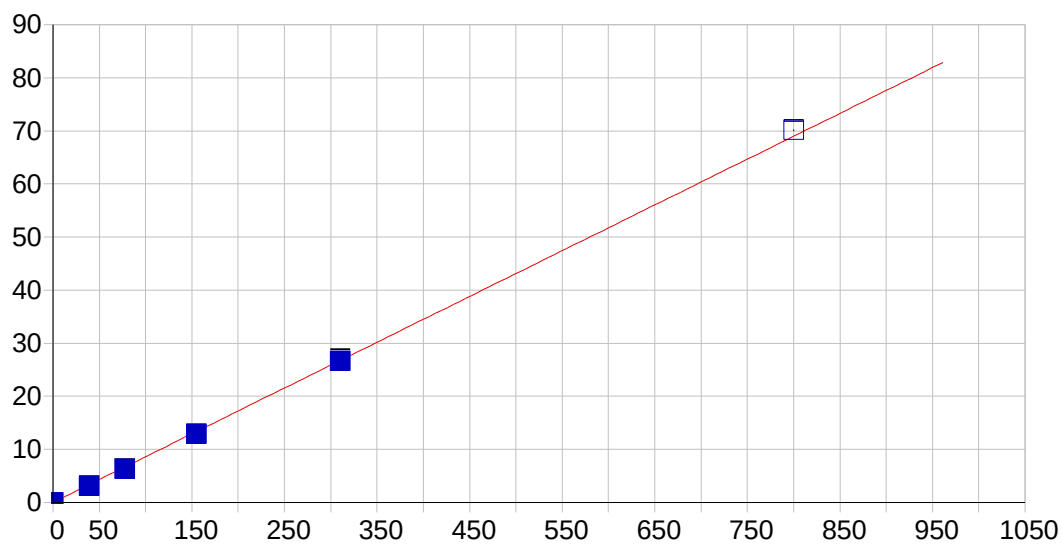


Sb 206.833 {463}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000190 Re-Slope: 1.000000
 A1 (Gain): 0.206707 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.001469
 Predicted MQL: 0.004897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.06000	.06249	.002	4.14	.01310	.000	1
S2	1.2500	1.1756	-.074	-5.95	.25023	.001	1
S3	2.5000	2.3780	-.122	-4.88	.50580	.001	1
S4	5.0000	4.8524	-.148	-2.95	1.0314	.002	1
S5	10.000	10.342	.342	3.42	2.1942	.009	1

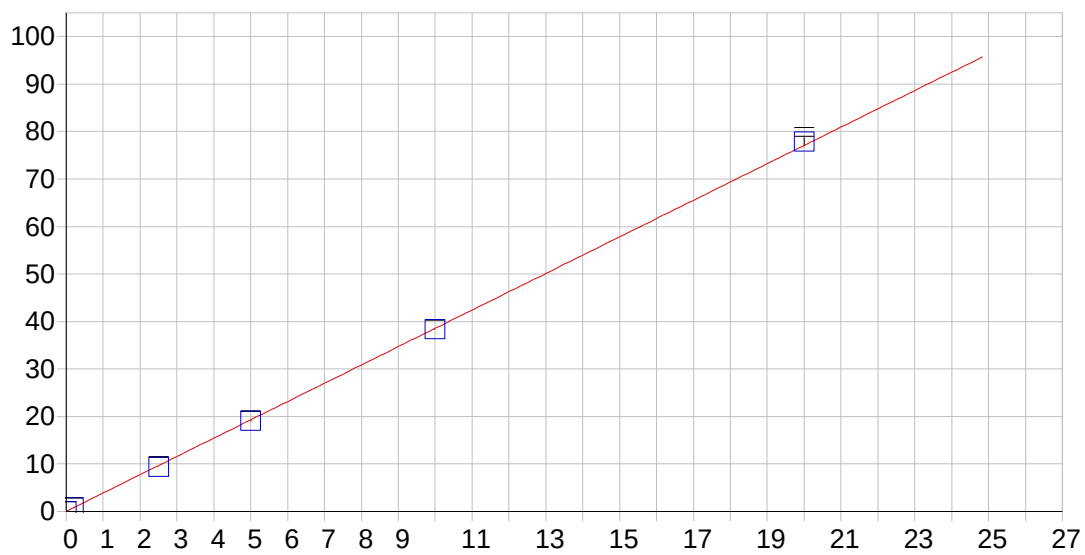


AI 396.152 { 85}

Date of Fit: 11/14/2018 15:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004391 Re-Slope: 1.000000
 A1 (Gain): 0.086221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.001281
 Predicted MDL: 0.014465
 Predicted MQL: 0.048217

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00439	.000	1
S1	.20000	.19164	-.008	-4.18	.02094	.001	1
S2	38.750	36.351	-2.40	-6.19	3.1417	.016	1
S3	77.500	73.478	-4.02	-5.19	6.3459	.049	1
S4	155.00	149.37	-5.63	-3.63	12.896	.043	1
S5	310.00	308.75	-1.25	-.404	26.650	.379	1
S6	800.00	813.32	13.3	1.67	70.130	.151	1

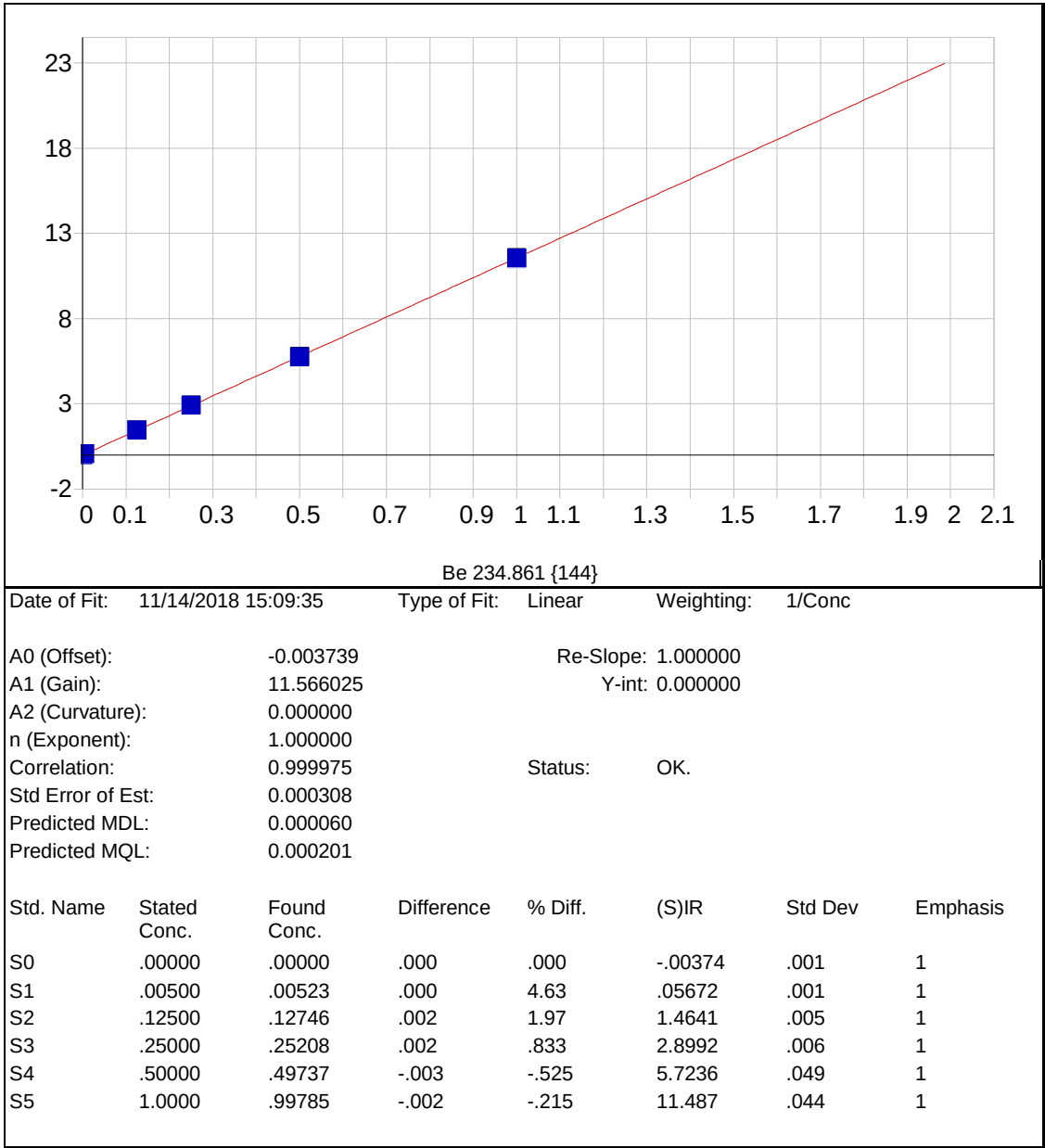


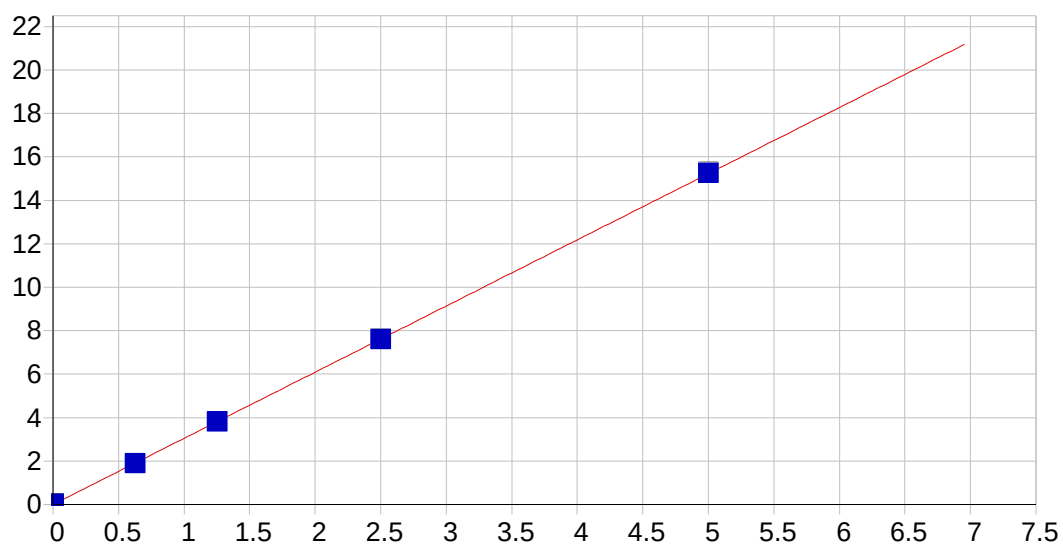
Ba 493.409 { 68}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.043181 Re-Slope: 1.000000
 A1 (Gain): 3.852286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.004980
 Predicted MDL: 0.000981
 Predicted MQL: 0.003270

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.04318	.005	1
S1	.20000	.20723	.007	3.62	.84150	.004	1
S2	2.5000	2.4274	-.073	-2.90	9.3942	.029	1
S3	5.0000	4.9315	-.068	-1.37	19.041	.035	1
S4	10.000	9.9390	-.061	-.610	38.331	.060	1
S5	20.000	20.195	.195	.974	77.839	.940	1



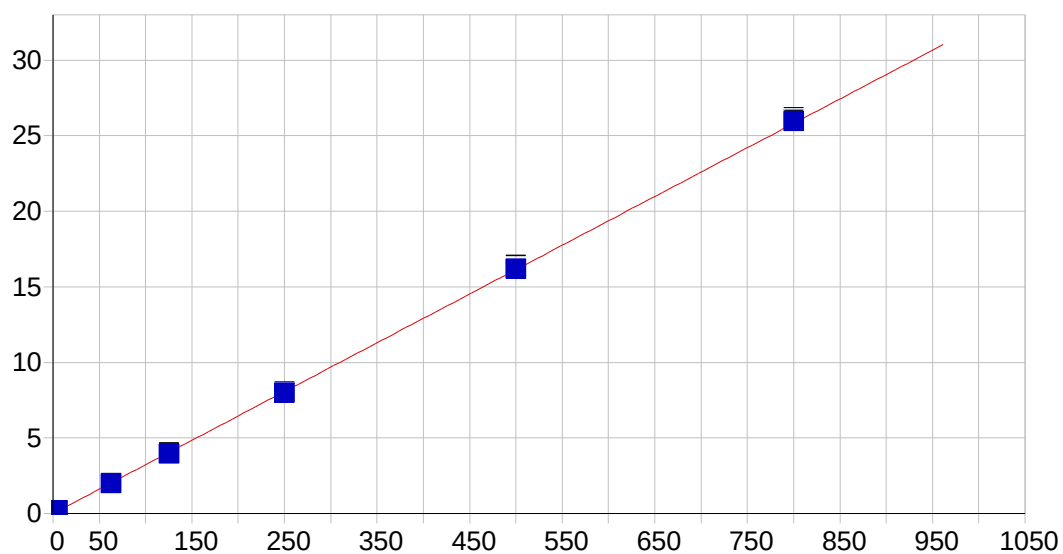


Cd 214.438 {457}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000
 A1 (Gain): 3.045751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000079
 Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.00500	.00539	.000	7.89	.01682	.000	1
S2	.62500	.62322	-.002	-.285	1.9025	.002	1
S3	1.2500	1.2508	.001	.067	3.8179	.006	1
S4	2.5000	2.4959	-.004	-.164	7.6179	.011	1
S5	5.0000	5.0047	.005	.093	15.275	.017	1

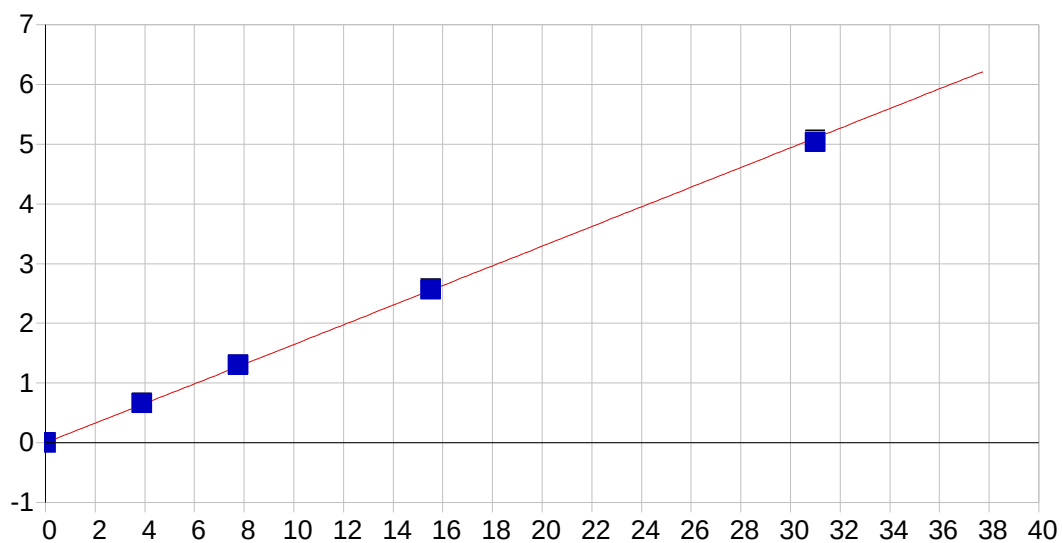


Ca 373.690 { 90}

Date of Fit: 11/14/2018 15:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001969 Re-Slope: 1.000000
 A1 (Gain): 0.032272 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000978
 Predicted MDL: 0.027665
 Predicted MQL: 0.092216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	.000	.000	.00197	.001	1
S1	5.0000	5.2767	.277	5.53	.17228	.002	1
S2	62.500	61.587	-.913	-1.46	1.9967	.016	1
S3	125.00	122.53	-2.47	-1.98	3.9706	.050	1
S4	250.00	247.44	-2.56	-1.02	8.0159	.036	1
S5	500.00	501.21	1.21	.242	16.234	.221	1
S6	800.00	804.45	4.45	.556	26.116	.101	1

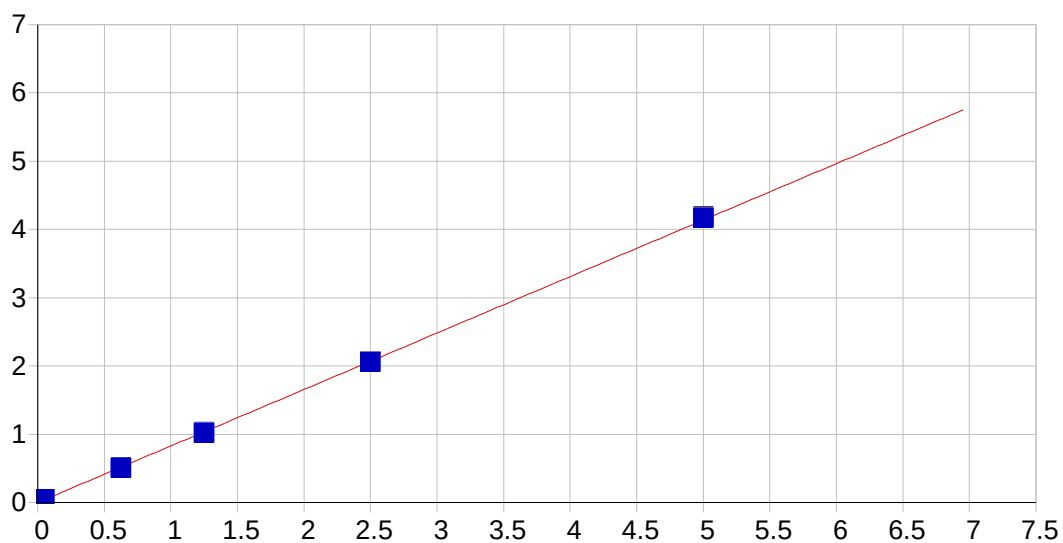


Cr 267.716 {126}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.164611 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.000534
 Predicted MQL: 0.001778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01146	.001	14.6	.00195	.000	1
S2	3.8750	4.0167	.142	3.66	.66237	.002	1
S3	7.7500	7.9318	.182	2.35	1.3080	.001	1
S4	15.500	15.576	.076	.493	2.5686	.018	1
S5	31.000	30.599	-.401	-1.29	5.0459	.022	1

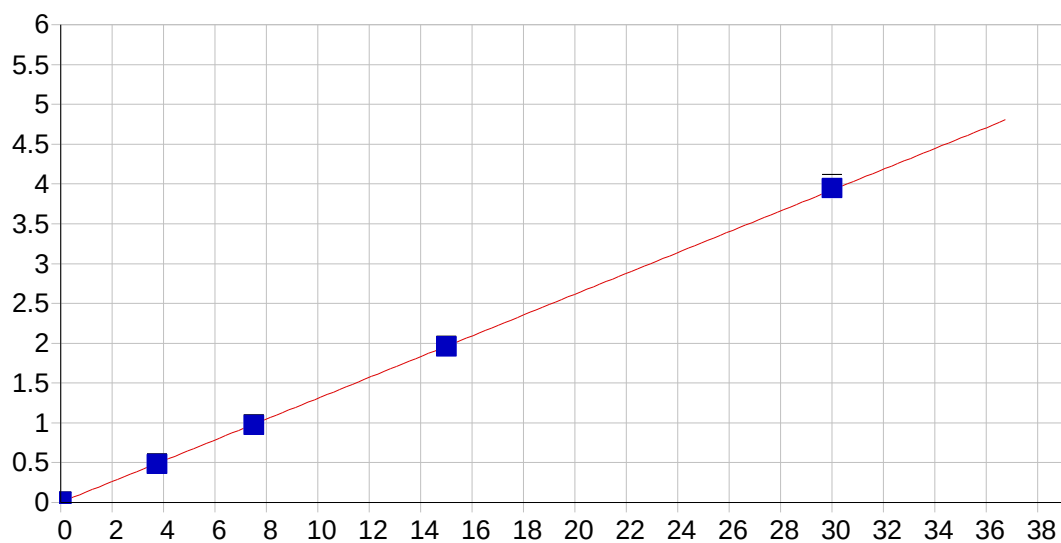


Co 228.616 {448}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.827389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.000282
 Predicted MQL: 0.000940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.05000	.05057	.001	1.14	.04226	.000	1
S2	.62500	.61111	-.014	-2.22	.50692	.001	1
S3	1.2500	1.2364	-.014	-1.09	1.0253	.002	1
S4	2.5000	2.4862	-.014	-.552	2.0614	.002	1
S5	5.0000	5.0407	.041	.814	4.1791	.005	1

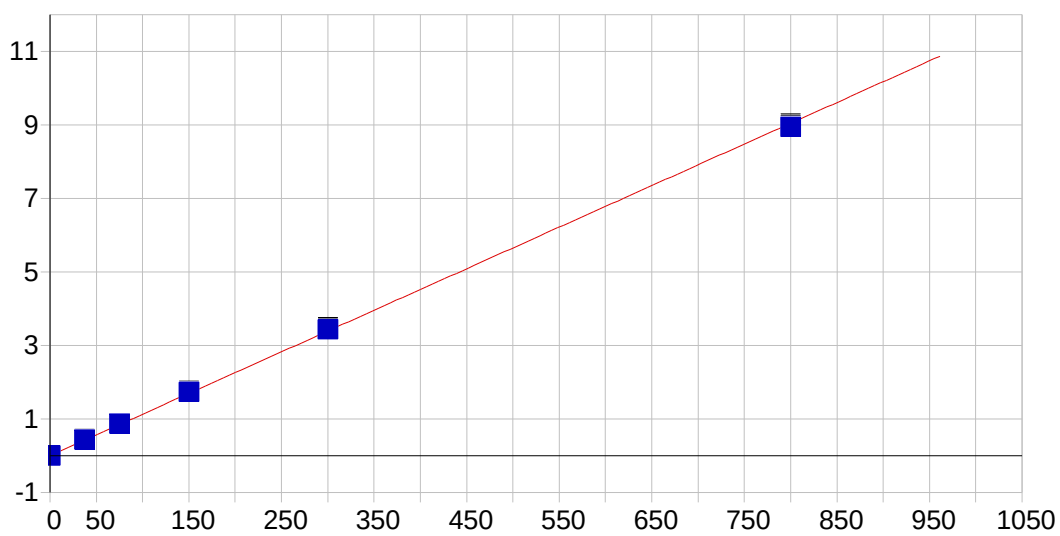


Cu 324.754 {104}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001152 Re-Slope: 1.000000
 A1 (Gain): 0.130706 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004811
 Predicted MQL: 0.016038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00115	.001	1
S1	.02500	.02538	.000	1.52	.00446	.001	1
S2	3.7500	3.7056	-.044	-1.18	.48519	.003	1
S3	7.5000	7.4245	-.075	-1.01	.97097	.005	1
S4	15.000	14.942	-.058	-.386	1.9529	.007	1
S5	30.000	30.177	.177	.591	3.9431	.051	1

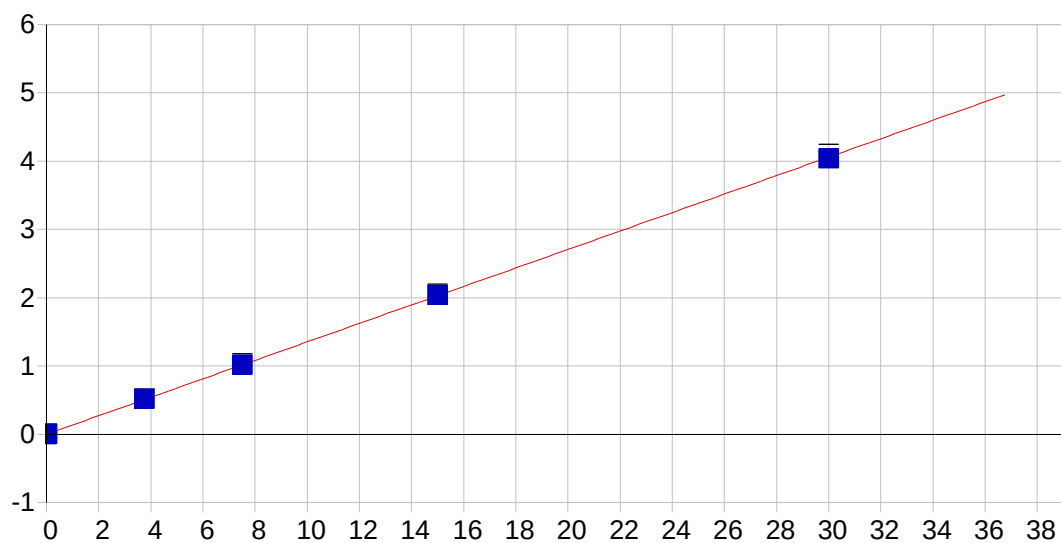


Fe 259.837 {130}

Date of Fit: 11/14/2018 15:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000293 Re-Slope: 1.000000
 A1 (Gain): 0.011306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.025237
 Predicted MQL: 0.084122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00029	.000	1
S1	.10000	.10021	.000	.212	.00145	.000	1
S2	37.500	38.868	1.37	3.65	.44200	.005	1
S3	75.000	77.082	2.08	2.78	.87631	.011	1
S4	150.00	153.15	3.15	2.10	1.7408	.016	1
S5	300.00	303.28	3.28	1.09	3.4473	.051	1
S6	800.00	790.12	-9.88	-1.23	8.9744	.052	1

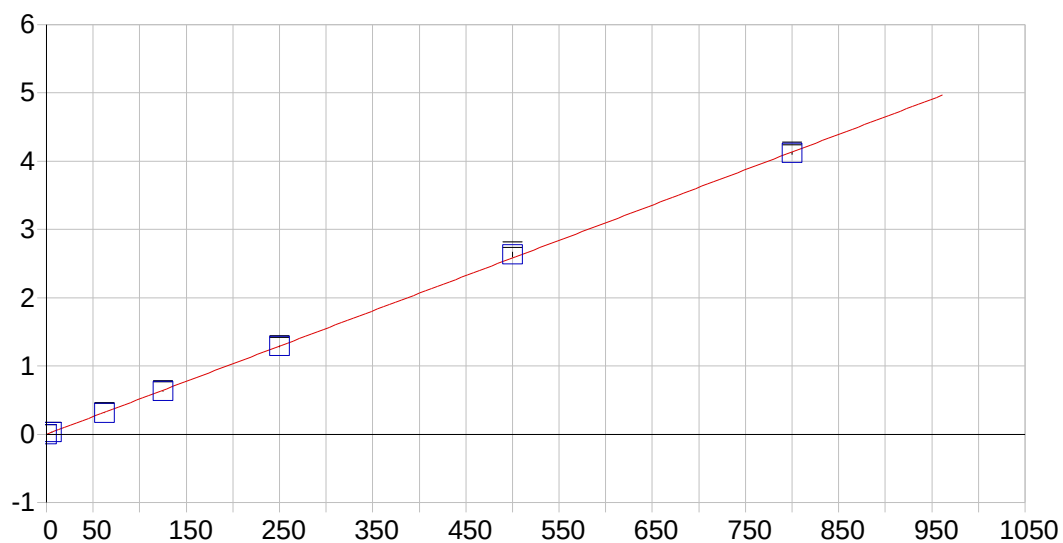


Mn 257.610 {131}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.135316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.001832
 Predicted MQL: 0.006106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01798	.003	19.9	.00243	.000	1
S2	3.7500	3.8062	.056	1.50	.51515	.006	1
S3	7.5000	7.5270	.027	.361	1.0188	.017	1
S4	15.000	15.052	.052	.347	2.0373	.020	1
S5	30.000	29.862	-.138	-.461	4.0417	.059	1

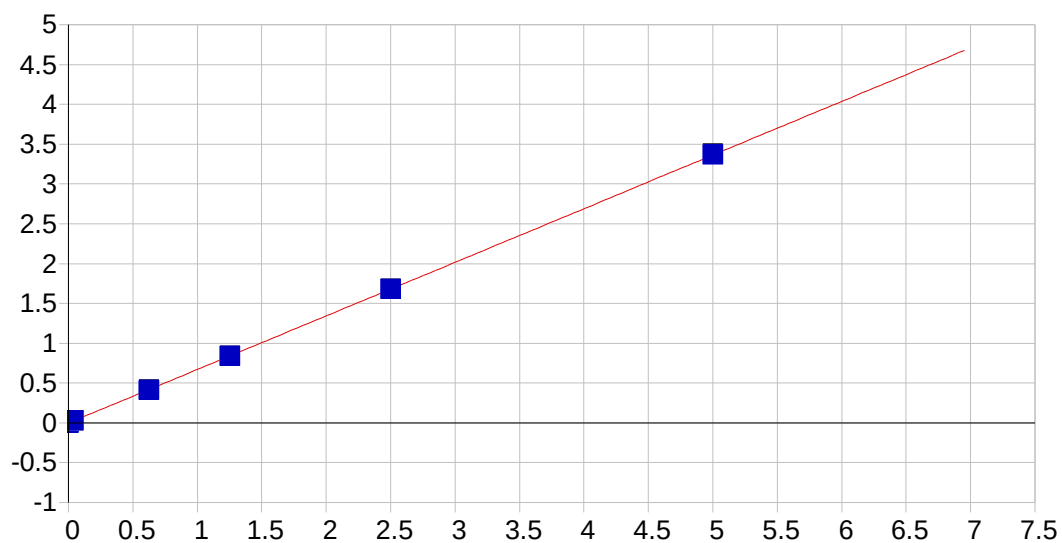


Mg 279.079 {121}

Date of Fit: 11/14/2018 15:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.005166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.067039
 Predicted MQL: 0.223464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	-.00021	.000	1
S1	5.0000	4.9715	-.029	-.570	.02547	.000	1
S2	62.500	60.494	-2.01	-3.21	.31232	.003	1
S3	125.00	122.23	-2.77	-2.21	.63127	.008	1
S4	250.00	249.06	-.944	-.377	1.2865	.012	1
S5	500.00	508.98	8.98	1.80	2.6293	.040	1
S6	800.00	796.76	-3.24	-.405	4.1160	.020	1

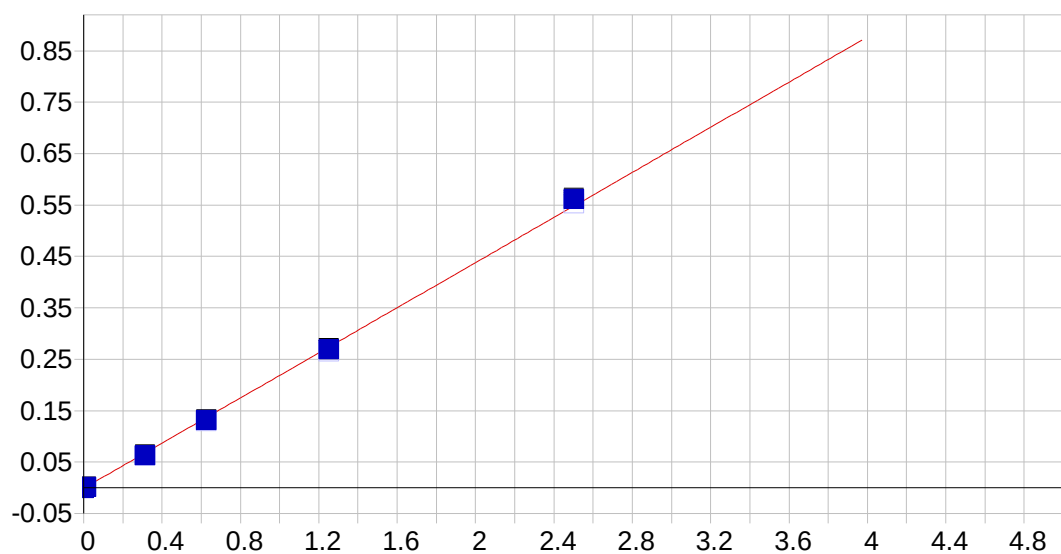


Ni 231.604 {446}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001915 Re-Slope: 1.000000
 A1 (Gain): 0.672850 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000400
 Predicted MQL: 0.001334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00192	.000	1
S1	.04000	.04291	.003	7.28	.02697	.000	1
S2	.62500	.61833	-.007	-1.07	.41499	.001	1
S3	1.2500	1.2465	-.004	-.282	.83850	.003	1
S4	2.5000	2.4950	-.005	-.200	1.6803	.001	1
S5	5.0000	5.0123	.012	.246	3.3775	.007	1

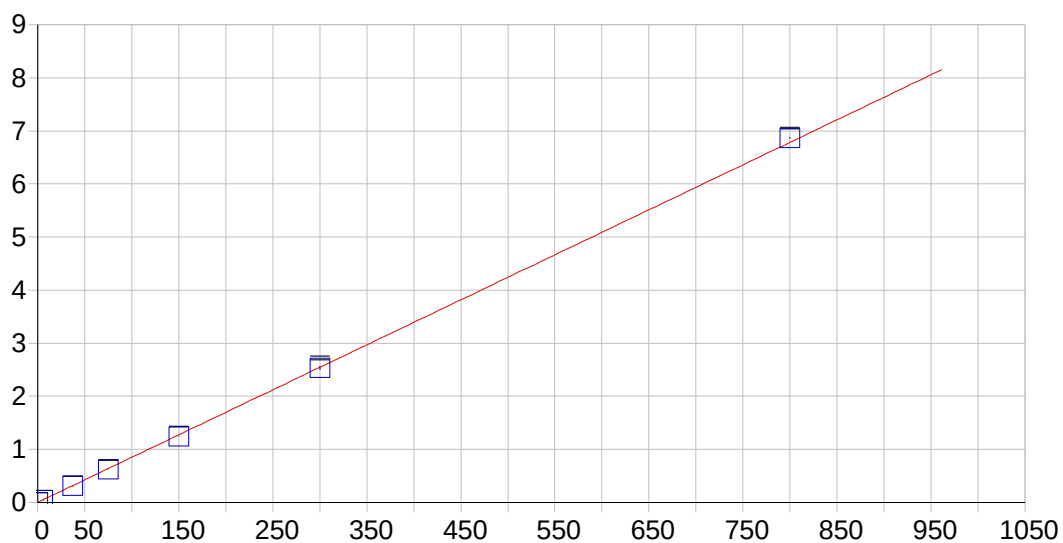


Ag 328.068 {103}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000860 Re-Slope: 1.000000
 A1 (Gain): 0.219430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.000560
 Predicted MQL: 0.001867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.00928	-.001	-7.21	.00116	.000	1
S2	.31250	.29289	-.020	-6.28	.06236	.000	1
S3	.62500	.60205	-.023	-3.67	.12916	.001	1
S4	1.2500	1.2298	-.020	-1.62	.26482	.002	1
S5	2.5000	2.5635	.063	2.54	.55329	.002	1

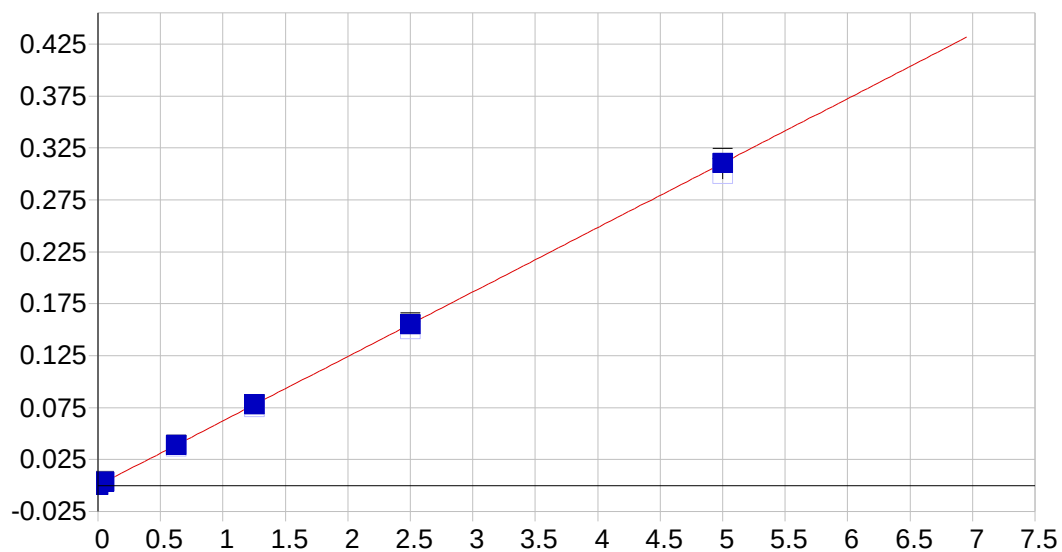


Na 818.326 { 41}

Date of Fit: 11/14/2018 15:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002790 Re-Slope: 1.000000
 A1 (Gain): 0.008477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.322351
 Predicted MQL: 1.074503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.00280	.002	1
S1	5.0000	4.8216	-.178	-3.57	.04366	.002	1
S2	37.500	35.913	-1.59	-4.23	.30722	.002	1
S3	75.000	72.245	-2.76	-3.67	.61520	.006	1
S4	150.00	146.41	-3.59	-2.40	1.2439	.003	1
S5	300.00	298.84	-1.16	-.386	2.5360	.035	1
S6	800.00	809.27	9.27	1.16	6.8629	.015	1

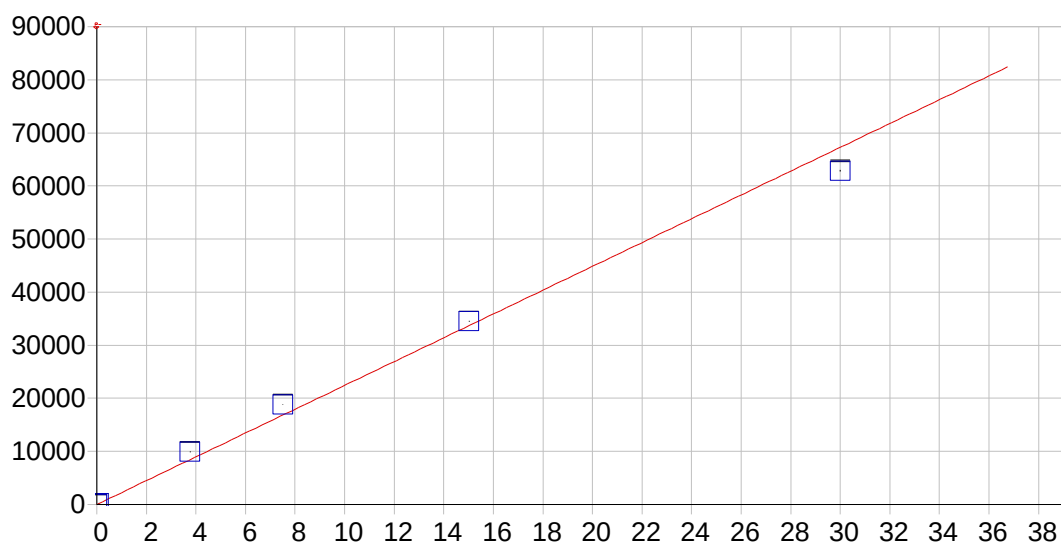


V 292.402 {115}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.062037 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.006852
 Predicted MQL: 0.022840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.05000	.05331	.003	6.61	.00346	.000	1
S2	.62500	.62195	-.003	-.488	.03746	.000	1
S3	1.2500	1.2523	.002	.187	.07529	.000	1
S4	2.5000	2.4997	.000	-.013	.15011	.001	1
S5	5.0000	4.9976	-.002	-.048	.29996	.005	1

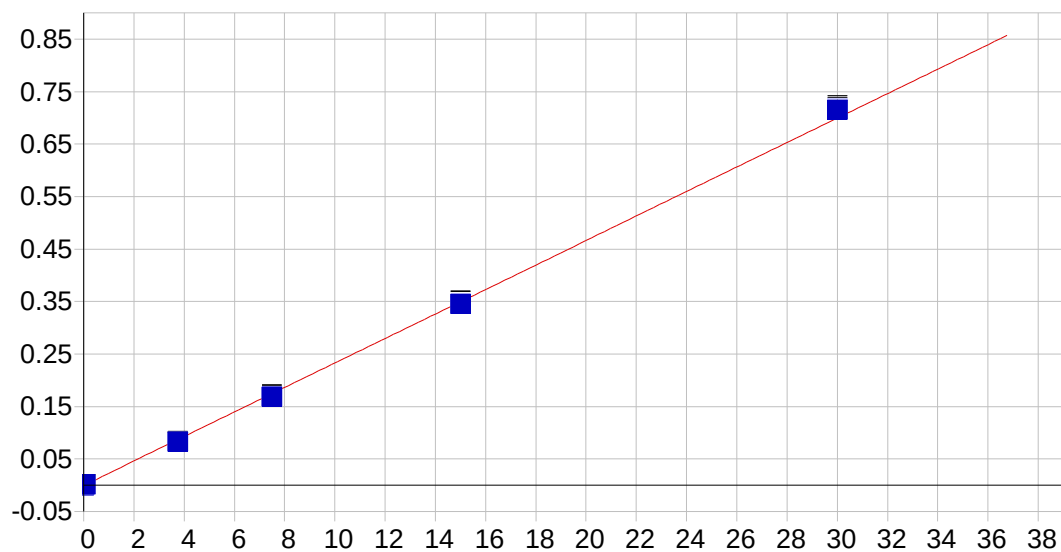


Zn 206.200 {464}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.828714 Re-Slope: 1.000000
 A1 (Gain): 2242.351419 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996732 Status: OK.
 Std Error of Est: 12.929844
 Predicted MDL: 0.000282
 Predicted MQL: 0.000940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	3.7506	.190	1
S1	.06000	.07941	.019	32.4	181.90	.310	1
S2	3.7500	4.4173	.667	17.8	9909.0	22.8	1
S3	7.5000	8.3872	.887	11.8	18811.	50.5	1
S4	15.000	15.396	.396	2.64	34527.	17.2	1
S5	30.000	28.030	-1.97	-6.57	62857.	134.	1

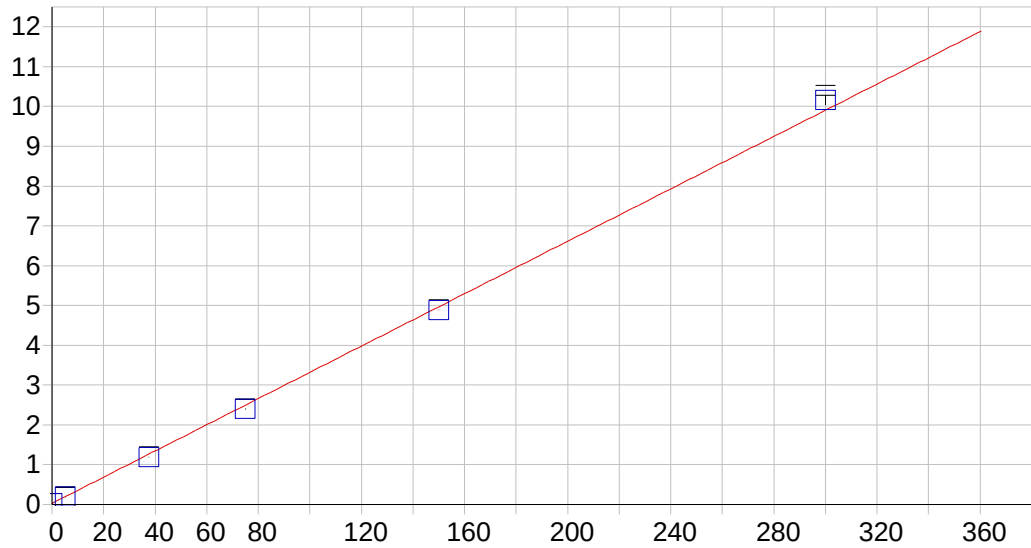


Zn 213.856 {158}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000408 Re-Slope: 1.000000
 A1 (Gain): 0.023333 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.014808
 Predicted MQL: 0.049359

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00041	.000	1
S1	.06000	.07291	.013	21.5	.00130	.000	1
S2	3.7500	3.5595	-.190	-5.08	.08306	.001	1
S3	7.5000	7.2251	-.275	-3.67	.16900	.004	1
S4	15.000	14.792	-.208	-1.39	.34638	.005	1
S5	30.000	30.660	.660	2.20	.71829	.005	1

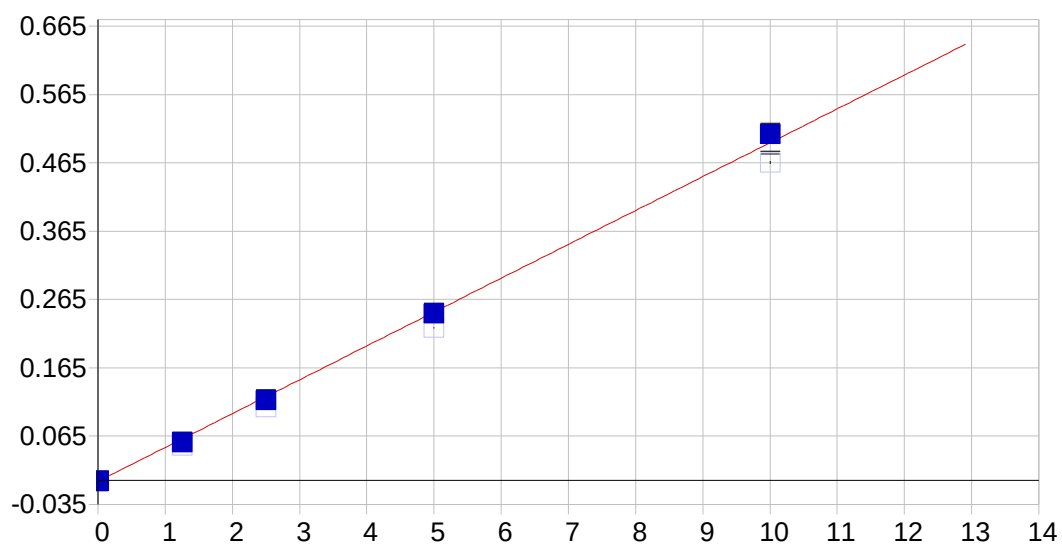


K 769.896 { 44 }

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027709 Re-Slope: 1.000000
 A1 (Gain): 0.032924 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999563 Status: OK.
 Std Error of Est: 0.002007
 Predicted MDL: 0.074398
 Predicted MQL: 0.247995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	.02773	.001	1
S1	5.0000	4.8538	-.146	-2.92	.18752	.002	1
S2	37.500	35.288	-2.21	-5.90	1.1895	.003	1
S3	75.000	72.020	-2.98	-3.97	2.3989	.003	1
S4	150.00	147.54	-2.46	-1.64	4.8854	.012	1
S5	300.00	307.80	7.80	2.60	10.162	.126	1

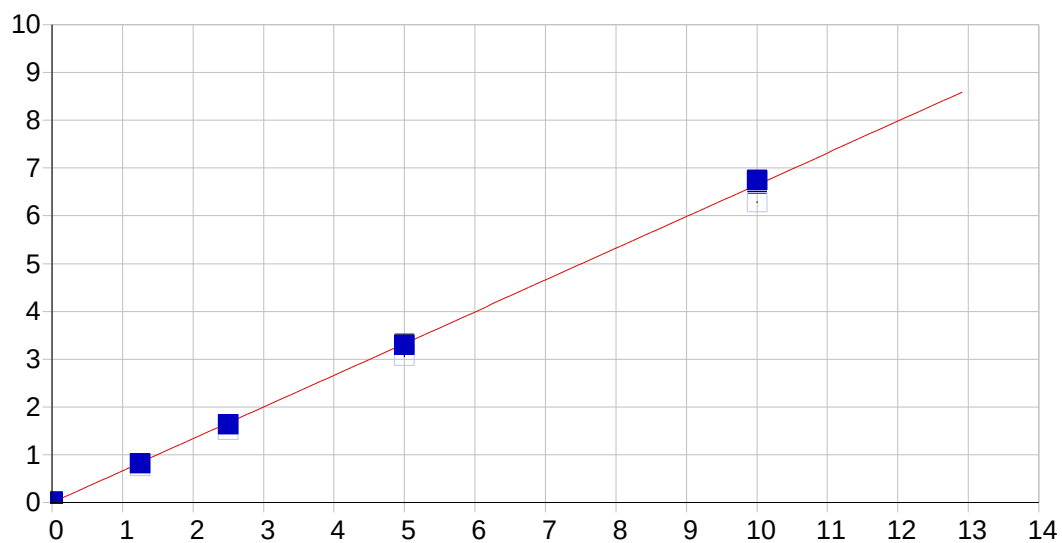


P 177.495 {490}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001133 Re-Slope: 1.000000
 A1 (Gain): 0.049575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999408 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002302
 Predicted MQL: 0.007672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.01000	.00837	-.002	-16.3	-.00075	.000	1
S2	1.2500	1.1543	-.096	-7.66	.05089	.000	1
S3	2.5000	2.3976	-.102	-4.10	.10732	.000	1
S4	5.0000	4.9483	-.052	-1.03	.22337	.001	1
S5	10.000	10.251	.251	2.51	.46546	.002	1

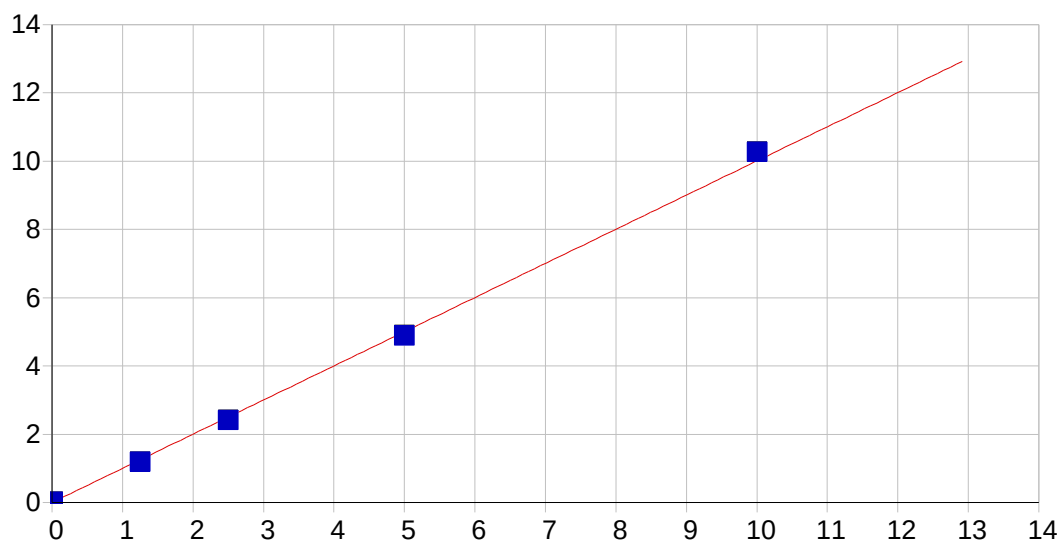


B 249.678 {135}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002546 Re-Slope: 1.000000
 A1 (Gain): 0.664736 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.001064
 Predicted MQL: 0.003548

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00255	.001	1
S1	.01000	.00835	-.002	-16.5	.00799	.001	1
S2	1.2500	1.2156	-.034	-2.75	.75377	.004	1
S3	2.5000	2.4507	-.049	-1.97	1.5179	.004	1
S4	5.0000	4.9531	-.047	-.937	3.0677	.028	1
S5	10.000	10.132	.132	1.32	6.2831	.017	1

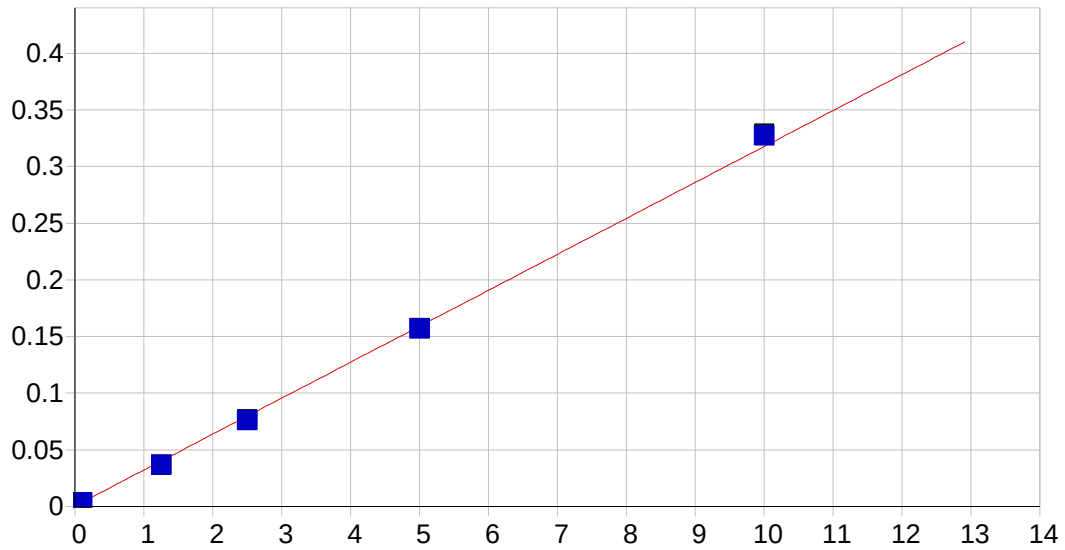


Mo 202.030 {467}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000872 Re-Slope: 1.000000
 A1 (Gain): 1.000710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.000481
 Predicted MDL: 0.000266
 Predicted MQL: 0.000885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00087	.000	1
S1	.01000	.00996	.000	-.365	.01084	.000	1
S2	1.2500	1.1903	-.060	-4.78	1.1920	.001	1
S3	2.5000	2.4093	-.091	-3.63	2.4118	.004	1
S4	5.0000	4.8895	-.111	-2.21	4.8936	.005	1
S5	10.000	10.261	.261	2.61	10.269	.021	1

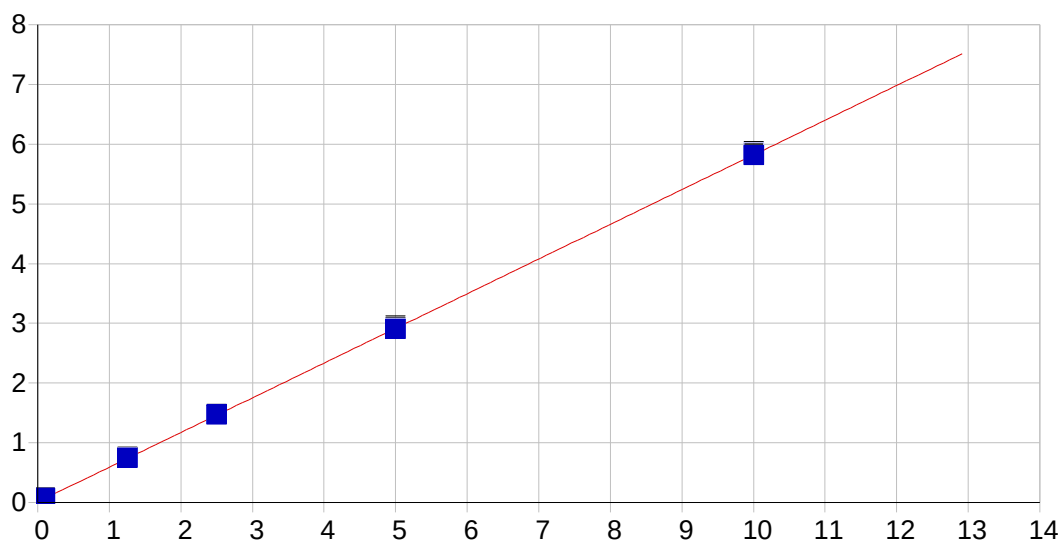


S 182.034 {485}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000428 Re-Slope: 1.000000
 A1 (Gain): 0.031721 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999293 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.003948
 Predicted MQL: 0.013161

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00043	.000	1
S1	.10000	.08734	-.013	-12.7	.00320	.000	1
S2	1.2500	1.1439	-.106	-8.49	.03673	.000	1
S3	2.5000	2.3788	-.121	-4.85	.07591	.000	1
S4	5.0000	4.9343	-.066	-1.31	.15701	.000	1
S5	10.000	10.306	.306	3.06	.32745	.001	1

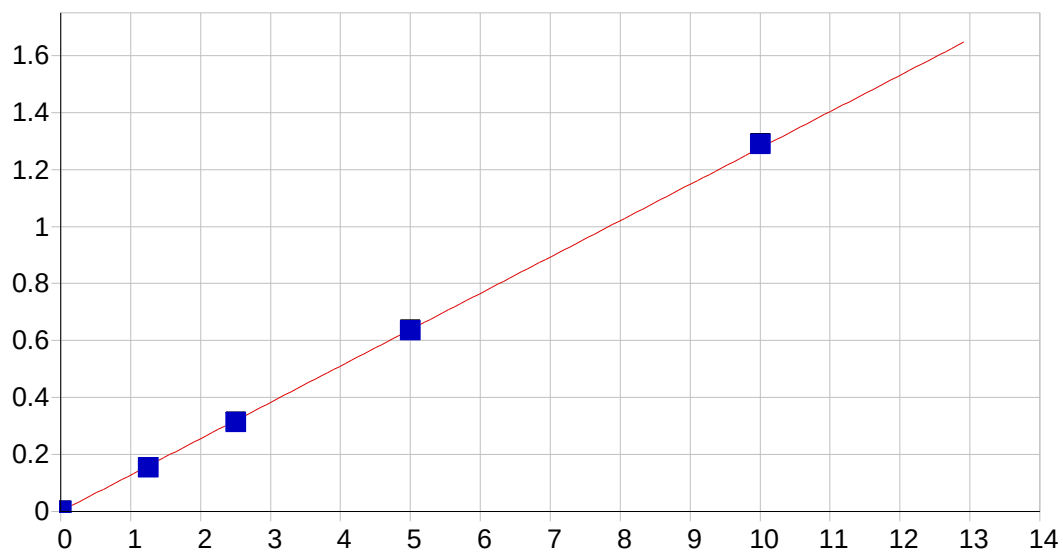


Si 251.611 {134}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010177 Re-Slope: 1.000000
 A1 (Gain): 0.580916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.001253
 Predicted MQL: 0.004177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01017	.000	1
S1	.10000	.10605	.006	6.05	.07198	.001	1
S2	1.2500	1.2701	.020	1.61	.75394	.004	1
S3	2.5000	2.5055	.005	.218	1.4775	.004	1
S4	5.0000	4.9735	-.026	-.530	2.9232	.030	1
S5	10.000	9.9949	-.005	-.051	5.8640	.010	1

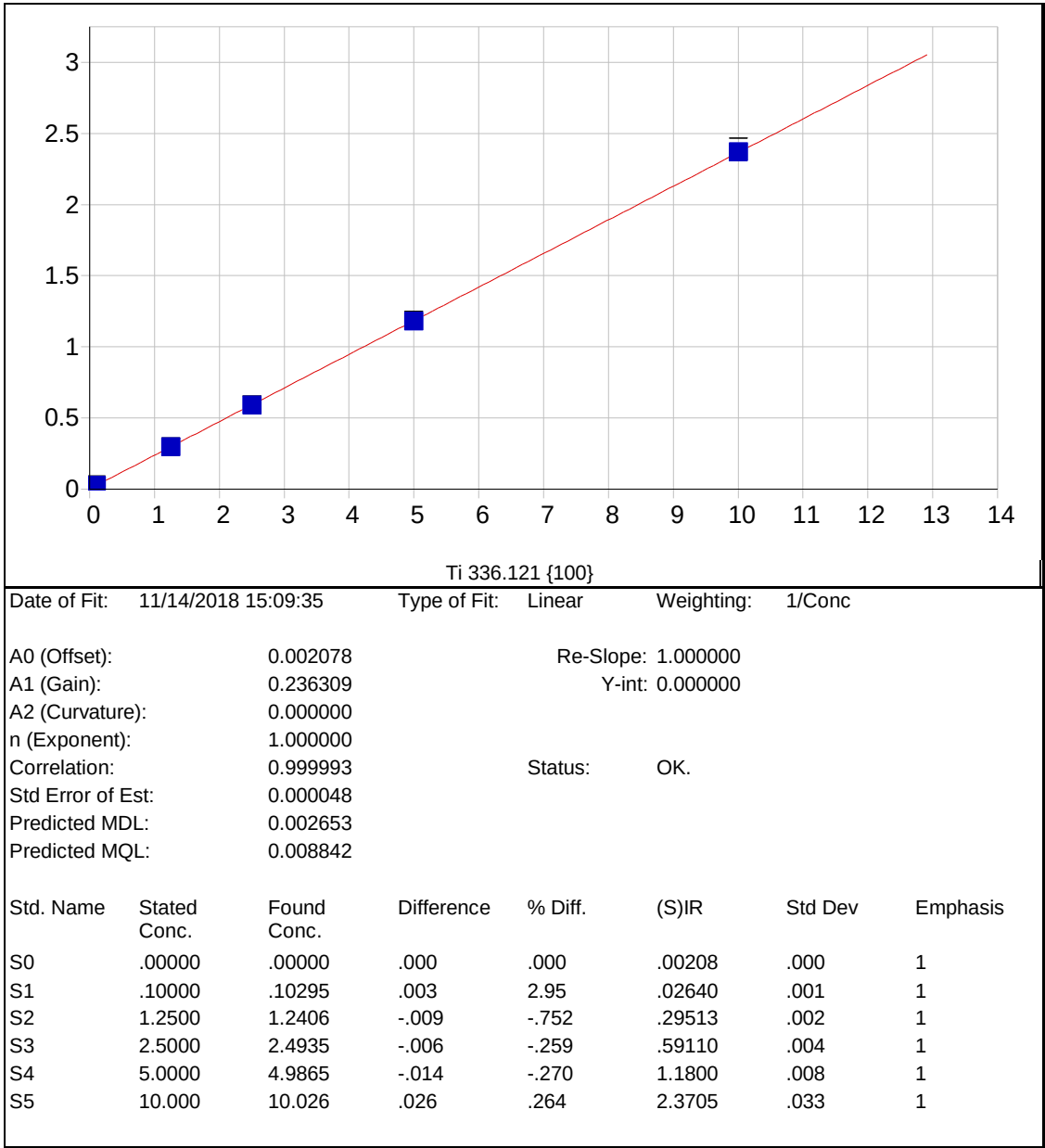


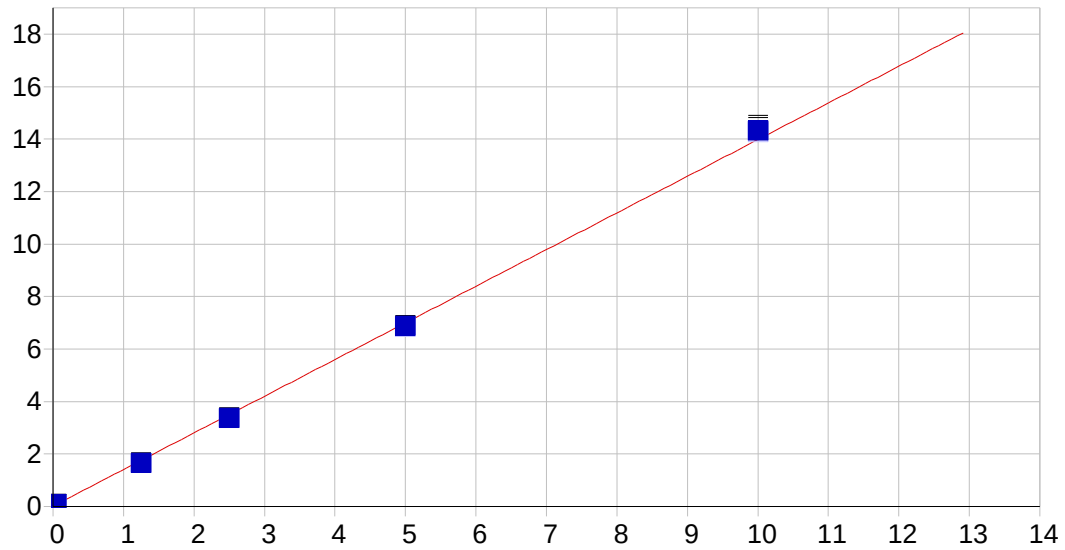
Sn 189.989 {478}

Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000520 Re-Slope: 1.000000
 A1 (Gain): 0.127511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.000979
 Predicted MQL: 0.003265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.00700	.00528	-.002	-24.6	.00116	.000	1
S2	1.2500	1.1997	-.050	-4.03	.15314	.000	1
S3	2.5000	2.4524	-.048	-1.90	.31253	.001	1
S4	5.0000	4.9845	-.015	-.310	.63469	.002	1
S5	10.000	10.115	.115	1.15	1.2875	.001	1



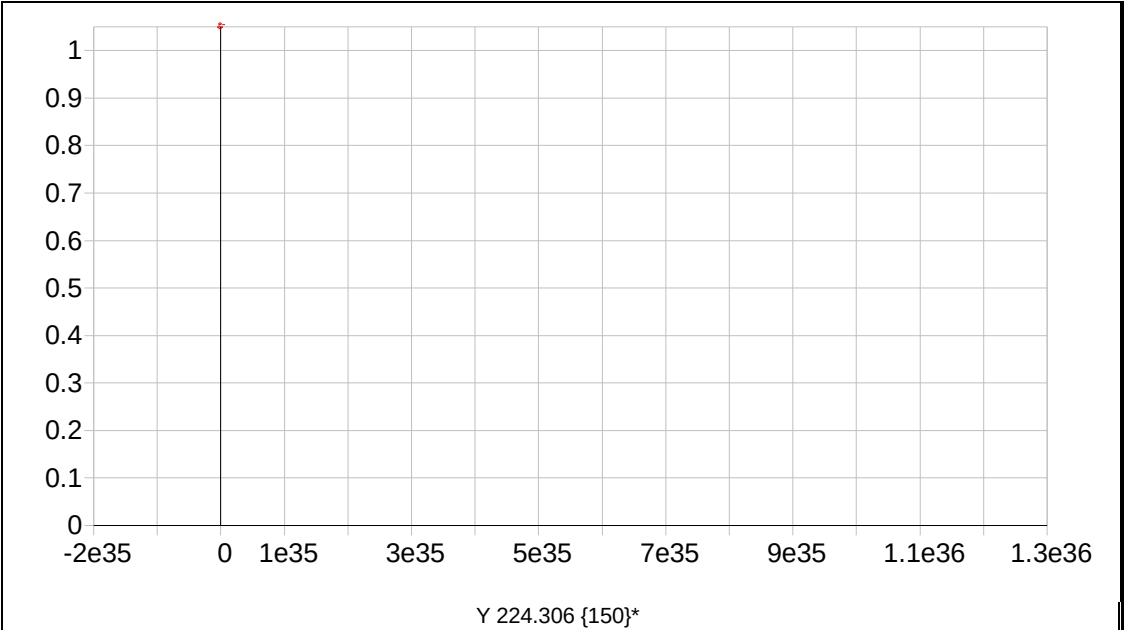


Li 670.784 { 50}

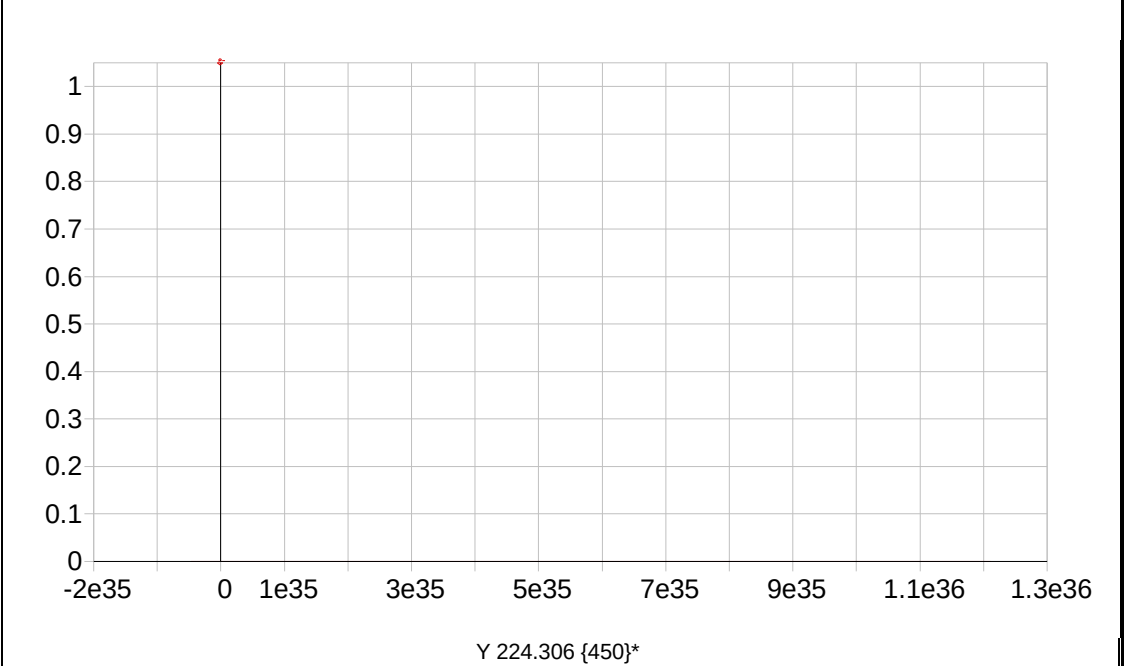
Date of Fit: 11/14/2018 15:09:35 Type of Fit: Linear Weighting: 1/Conc

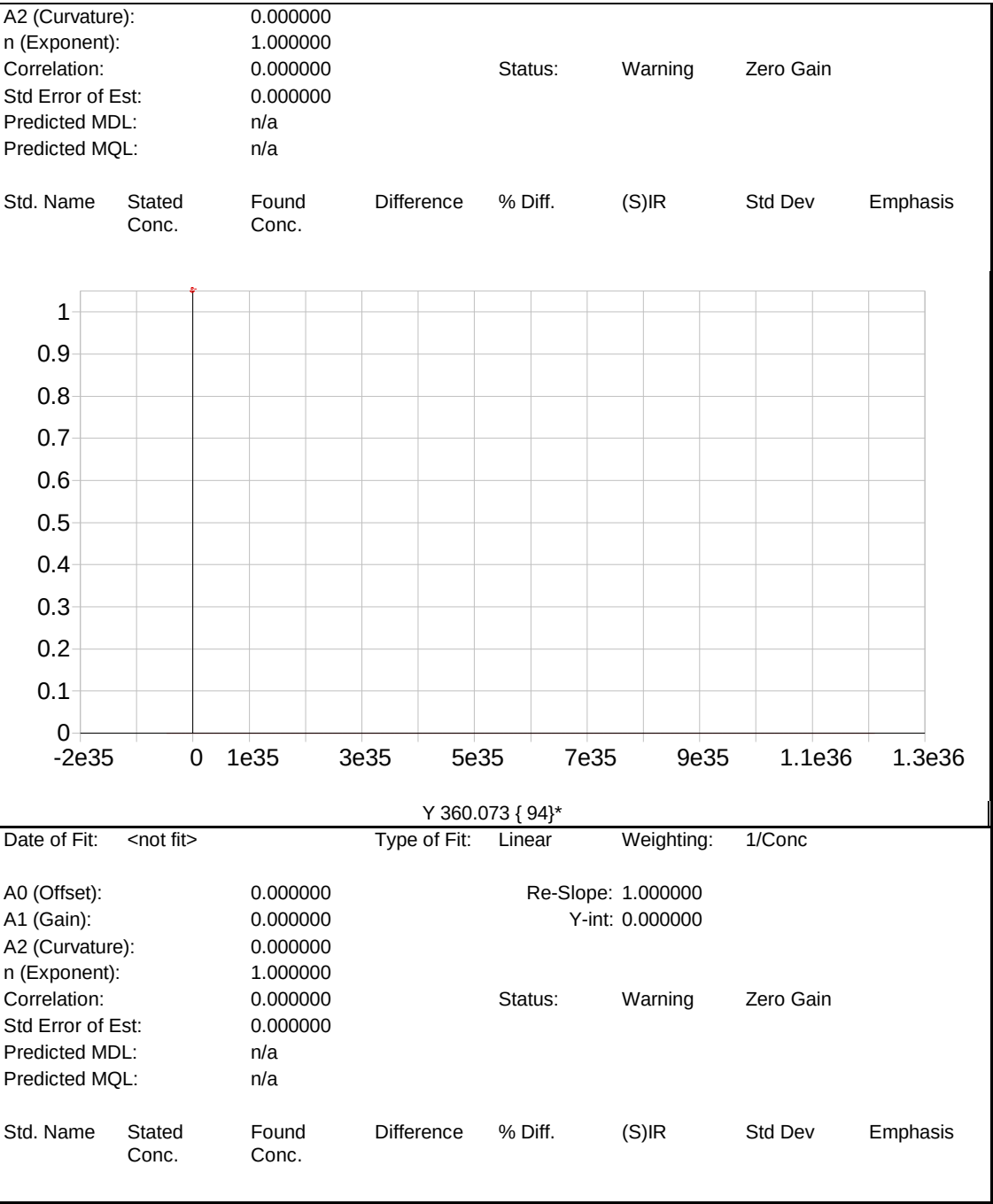
A0 (Offset): 0.012331 Re-Slope: 1.000000
 A1 (Gain): 1.396682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999592 Status: OK.
 Std Error of Est: 0.001490
 Predicted MDL: 0.002001
 Predicted MQL: 0.006669

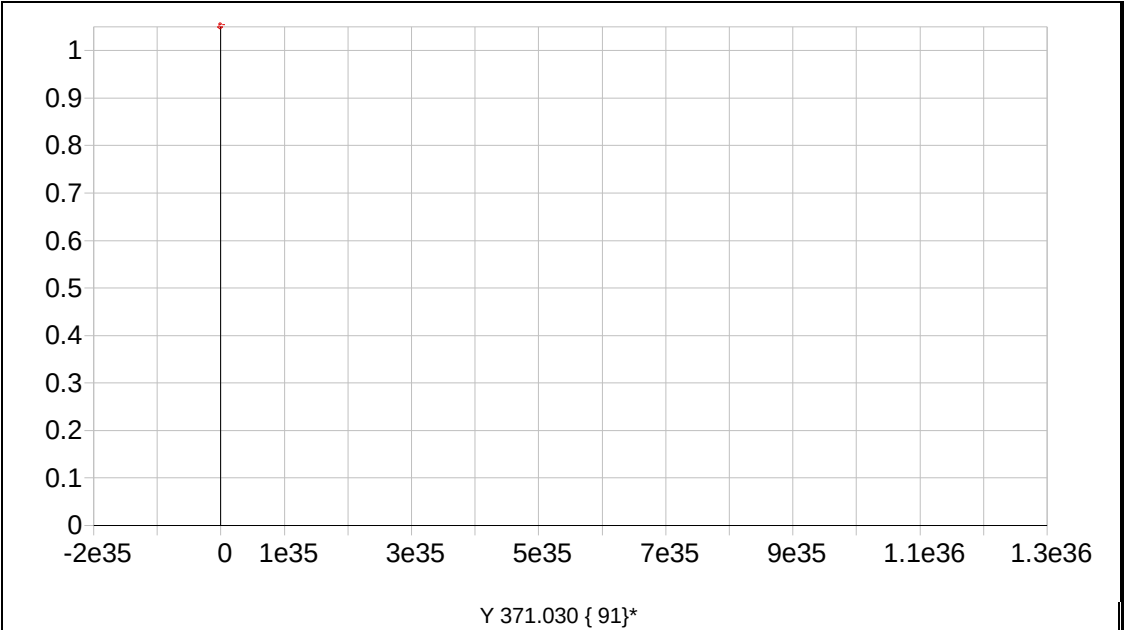
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01234	.001	1
S5	10.000	10.247	.247	2.47	14.246	.199	1
S4	5.0000	4.9204	-.080	-1.59	6.8453	.008	1
S3	2.5000	2.4077	-.092	-3.69	3.3554	.018	1
S2	1.2500	1.1761	-.074	-5.91	1.6451	.008	1
S1	.05000	.04877	-.001	-2.45	.08031	.001	1



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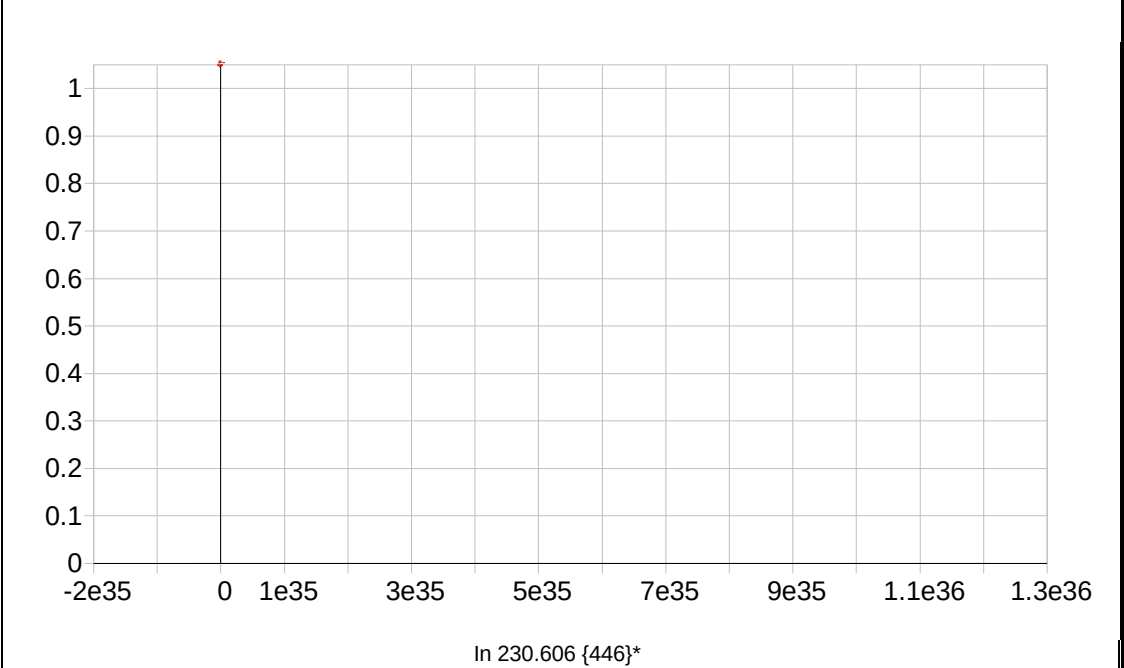




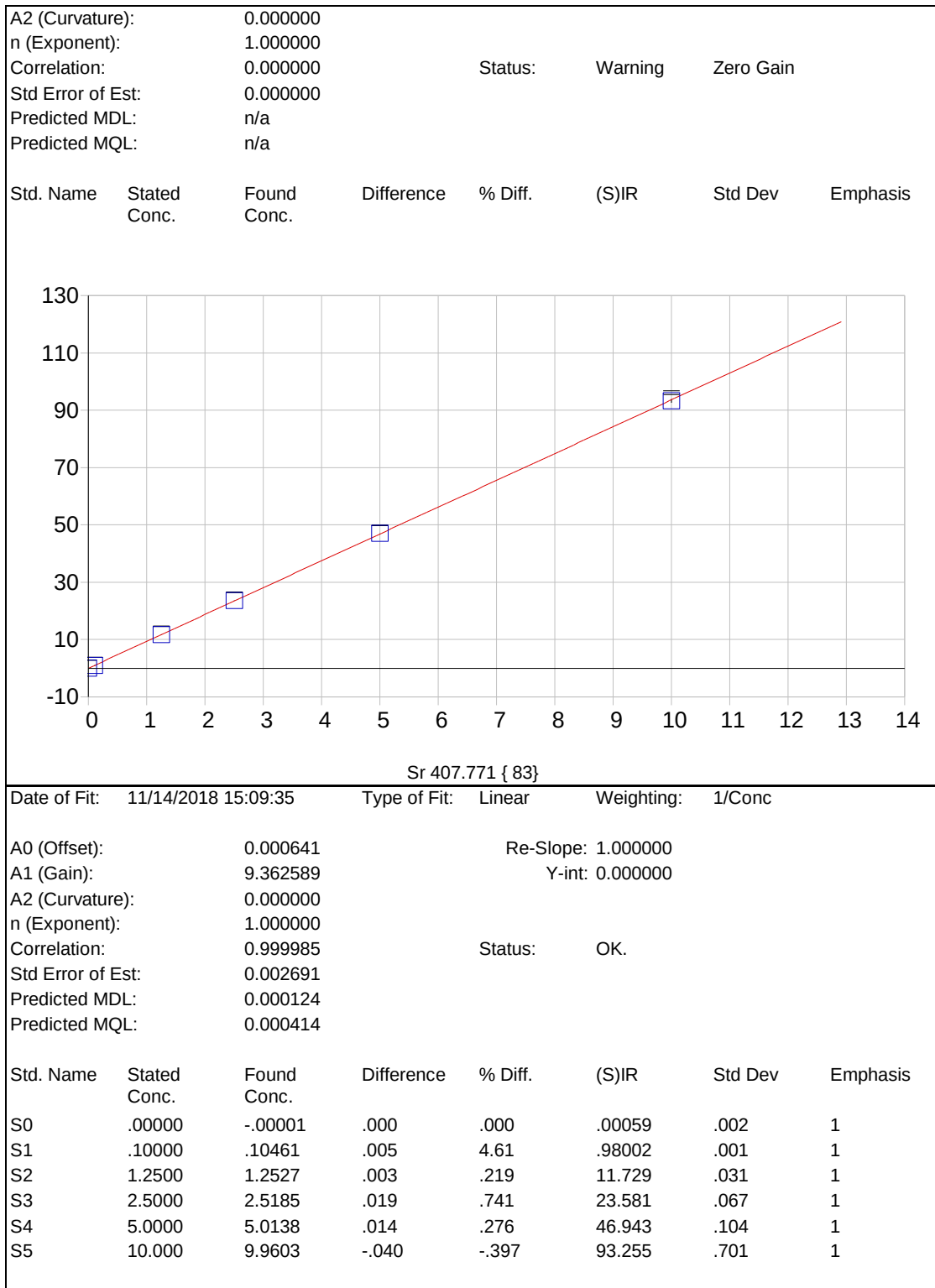


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 11/14/2018 14:45:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00033	-.00065	-.00036	.00062	.00019	.00439	.04318	-.00374
Stddev	.00015	.00007	.00009	.00011	.00022	.00028	.00491	.00058
%RSD	44.716	10.927	25.922	16.975	115.91	6.4641	11.380	15.609
#1	-.00017	-.00074	-.00046	.00069	.00031	.00439	.04591	-.00348
#2	-.00035	-.00060	-.00027	.00069	.00032	.00468	.04613	-.00441
#3	-.00046	-.00062	-.00036	.00050	-.00006	.00411	.03751	-.00333
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	.00038	.00197	.00006	.00027	.00115	.00029	.00000	-.00021
Stddev	.00020	.00056	.00010	.00022	.00052	.00031	.0003	.00013
%RSD	52.732	28.432	175.94	80.881	44.991	104.74	24375.	59.657
#1	.00050	.00239	.00012	.00003	.00095	.00015	.00007	-.00035
#2	.00049	.00133	.00012	.00046	.00077	.00009	-.00036	-.00015
#3	.00015	.00217	-.00006	.00031	.00174	.00065	.00029	-.00013
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	-.00192	-.00086	.00280	.00016	-.00041	.02773	-.00113	.00255
Stddev	.00007	.00003	.00170	.00026	.00017	.00148	.00010	.00062
%RSD	3.6997	3.1492	60.918	166.58	41.760	5.3414	8.9814	24.493
#1	-.00199	-.00085	.00125	.00018	-.00051	.02816	-.00123	.00266
#2	-.00191	-.00084	.00462	-.00012	-.00050	.02608	-.00115	.00310
#3	-.00185	-.00089	.00252	.00040	-.00021	.02895	-.00103	.00187
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	.00087	.00043	.01017	.00052	.00208	.01234	.00059	
Stddev	.00035	.00007	.00047	.00007	.00027	.00058	.00176	
%RSD	39.528	17.088	4.6448	14.229	13.113	4.6671	299.01	
#1	.00078	.00034	.01058	.00056	.00235	.01271	-.00091	
#2	.00058	.00048	.00965	.00057	.00181	.01168	.00253	
#3	.00126	.00046	.01029	.00043	.00208	.01263	.00015	

Sample Name: S0 Acquired: 11/14/2018 14:45:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.7	2428.6	47071.	4153.7	3631.1
Stddev	20.2	4.4	237.	10.7	11.1
%RSD	.93375	.17939	.50259	.25816	.30490
#1	2143.7	2424.2	46806.	4146.9	3618.8
#2	2181.5	2428.7	47146.	4166.1	3634.2
#3	2175.0	2432.9	47260.	4148.2	3640.2

Sample Name: S1 Acquired: 11/14/2018 14:49:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00014	.00133	.00146	.00365	.01310	.02094	.84150	.05672
Stddev	.00012	.00013	.00024	.00020	.00005	.00056	.00353	.00066
%RSD	84.863	9.5700	16.303	5.5477	.38731	2.6644	.41938	1.1612

#1	.00013	.00132	.00120	.00367	.01312	.02125	.83947	.05732
#2	.00003	.00146	.00152	.00384	.01305	.02127	.84558	.05682
#3	.00026	.00121	.00167	.00344	.01314	.02030	.83946	.05602

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	.01682	.17228	.00195	.04226	.00446	.00145	.00243	.02547
Stddev	.00018	.00202	.00007	.00010	.00063	.00035	.00031	.00019
%RSD	1.0531	1.1735	3.8421	.22743	14.057	24.273	12.940	.73631

#1	.01685	.17058	.00194	.04215	.00479	.00113	.00275	.02532
#2	.01663	.17451	.00203	.04234	.00374	.00183	.00243	.02541
#3	.01698	.17174	.00188	.04230	.00486	.00139	.00212	.02568

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	.02697	.00116	.04366	.00346	.00130	.18752	-.00075	.00799
Stddev	.00010	.00005	.00222	.00049	.00027	.00162	.00005	.00059
%RSD	.38380	4.5557	5.0761	14.205	20.432	.86409	6.9929	7.3808

#1	.02709	.00122	.04459	.00341	.00158	.18698	-.00080	.00753
#2	.02689	.00112	.04113	.00299	.00126	.18623	-.00069	.00865
#3	.02694	.00114	.04527	.00397	.00105	.18934	-.00076	.00778

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	.01084	.00320	.07198	.00116	.02640	.08031	.98002	
Stddev	.00009	.00015	.00116	.00011	.00064	.00103	.00102	
%RSD	.86273	4.5641	1.6115	9.6793	2.4336	1.2863	.10384	

#1	.01074	.00334	.07236	.00128	.02581	.07987	.97889	
#2	.01093	.00305	.07068	.00106	.02708	.08149	.98032	
#3	.01084	.00321	.07291	.00113	.02630	.07957	.98086	

Sample Name: S1 Acquired: 11/14/2018 14:49:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.1	2450.4	47676.	4202.1	3703.2
Stddev	34.1	6.6	380.	22.0	11.8
%RSD	1.5481	.27004	.79603	.52453	.31963
#1	2240.1	2444.0	48017.	4225.5	3689.6
#2	2172.9	2449.9	47267.	4199.1	3711.2
#3	2196.4	2457.2	47746.	4181.7	3708.8

Sample Name: S2 Acquired: 11/14/2018 14:54:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06459	.09612	1.0847	.10723	.25023	3.1417	9.3942	1.4641
Stddev	.00003	.00012	.0014	.00031	.00057	.0157	.0292	.0051
%RSD	.04472	.12516	.13235	.28856	.22930	.49950	.31041	.34870

#1	.06459	.09626	1.0848	.10688	.25018	3.1427	9.4253	1.4585
#2	.06461	.09605	1.0833	.10735	.24968	3.1256	9.3675	1.4683
#3	.06456	.09606	1.0861	.10747	.25082	3.1569	9.3897	1.4656

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	1.9025	1.9967	.66237	.50692	.48519	.44200	.51515	.31232
Stddev	.0017	.0160	.00156	.00055	.00279	.00483	.00567	.00255
%RSD	.09046	.80104	.23568	.10827	.57480	1.0919	1.1014	.81776

#1	1.9006	1.9937	.66067	.50642	.48363	.44153	.51335	.31297
#2	1.9029	1.9823	.66270	.50683	.48352	.43743	.51059	.30950
#3	1.9039	2.0139	.66375	.50751	.48841	.44705	.52150	.31448

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	.41499	.06236	.30722	.03746	.08306	1.1895	.05089	.75377
Stddev	.00106	.00045	.00214	.00039	.00123	.0035	.00007	.00410
%RSD	.25655	.71526	.69663	1.0437	1.4836	.29051	.14200	.54371

#1	.41384	.06188	.30802	.03774	.08399	1.1881	.05083	.74908
#2	.41520	.06245	.30479	.03701	.08352	1.1871	.05086	.75664
#3	.41594	.06276	.30884	.03762	.08166	1.1935	.05097	.75559

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	1.1920	.03673	.75394	.15314	.29513	1.6451	11.729	
Stddev	.0013	.00020	.00406	.00035	.00163	.0079	.031	
%RSD	.10760	.55297	.53913	.22551	.55277	.47824	.26471	

#1	1.1905	.03655	.74932	.15328	.29598	1.6527	11.751	
#2	1.1930	.03695	.75696	.15275	.29325	1.6370	11.744	
#3	1.1924	.03668	.75554	.15340	.29617	1.6456	11.694	

Sample Name: S2 Acquired: 11/14/2018 14:54:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2180.0	2383.9	48577.	4263.6	3523.7
Stddev	16.3	1.7	155.	19.1	1.6
%RSD	.74792	.07261	.31890	.44746	.04434
#1	2162.5	2381.9	48418.	4253.8	3522.0
#2	2182.9	2385.1	48585.	4251.4	3525.0
#3	2194.7	2384.6	48727.	4285.6	3524.3

Sample Name: S3 Acquired: 11/14/2018 14:58:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13299	.19351	2.1971	.21446	.50580	6.3459	19.041	2.8992
Stddev	.00039	.00046	.0063	.00107	.00067	.0490	.035	.0058
%RSD	.29132	.23982	.28916	.49864	.13229	.77132	.18296	.20065

#1	.13302	.19356	2.1944	.21322	.50569	6.2959	19.001	2.8998
#2	.13336	.19302	2.1926	.21507	.50520	6.3483	19.055	2.8931
#3	.13259	.19394	2.2044	.21509	.50652	6.3937	19.066	2.9047

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	3.8179	3.9706	1.3080	1.0253	.97097	.87631	1.0188	.63127
Stddev	.0063	.0500	.0012	.0023	.00486	.01118	.0167	.00830
%RSD	.16591	1.2590	.09417	.22264	.50072	1.2764	1.6398	1.3151

#1	3.8140	3.9223	1.3089	1.0232	.96966	.86634	1.0071	.62498
#2	3.8146	3.9673	1.3085	1.0250	.96690	.87418	1.0113	.62816
#3	3.8252	4.0221	1.3066	1.0277	.97636	.88841	1.0379	.64068

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	.83850	.12916	.61520	.07529	.16900	2.3989	.10732	1.5179
Stddev	.00328	.00073	.00583	.00038	.00379	.0032	.00044	.0044
%RSD	.39109	.56412	.94769	.50004	2.2441	.13365	.41301	.28912

#1	.83549	.13000	.61004	.07487	.16788	2.4024	.10736	1.5182
#2	.83801	.12883	.61403	.07542	.16589	2.3961	.10686	1.5134
#3	.84199	.12866	.62153	.07558	.17322	2.3982	.10775	1.5222

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	2.4118	.07591	1.4775	.31253	.59110	3.3554	23.581	
Stddev	.0042	.00048	.0037	.00100	.00362	.0178	.067	
%RSD	.17366	.63046	.24788	.32004	.61169	.52969	.28241	

#1	2.4069	.07559	1.4756	.31175	.58750	3.3351	23.521	
#2	2.4142	.07568	1.4753	.31217	.59108	3.3634	23.652	
#3	2.4142	.07646	1.4818	.31365	.59473	3.3678	23.568	

Sample Name: S3 Acquired: 11/14/2018 14:58:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2103.5	2284.5	47639.	4237.7	3348.3
Stddev	9.6	4.2	265.	16.2	8.1
%RSD	.45572	.18535	.55567	.38146	.24194
#1	2106.3	2279.8	47589.	4247.1	3343.7
#2	2092.8	2285.8	47403.	4219.0	3357.6
#3	2111.3	2287.9	47925.	4246.8	3343.5

Sample Name: S4 Acquired: 11/14/2018 15:01:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27294	.38305	4.4571	.42283	1.0314	12.896	38.331	5.7236
Stddev	.00105	.00105	.0060	.00127	.0016	.043	.060	.0491
%RSD	.38445	.27523	.13374	.30083	.15673	.33152	.15526	.85738

#1	.27221	.38331	4.4577	.42227	1.0312	12.938	38.400	5.7332
#2	.27247	.38189	4.4508	.42428	1.0299	12.852	38.303	5.7672
#3	.27415	.38395	4.4627	.42193	1.0331	12.898	38.291	5.6704

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.6179	8.0159	2.5686	2.0614	1.9529	1.7408	2.0373	1.2865
Stddev	.0112	.0361	.0177	.0025	.0069	.0162	.0198	.0119
%RSD	.14712	.44995	.68836	.11915	.35338	.92996	.97087	.92440

#1	7.6169	8.0489	2.5828	2.0625	1.9602	1.7526	2.0534	1.2914
#2	7.6072	7.9774	2.5743	2.0631	1.9465	1.7224	2.0152	1.2729
#3	7.6296	8.0214	2.5488	2.0586	1.9522	1.7476	2.0432	1.2951

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	1.6803	.26482	1.2439	.15011	.34638	4.8854	.22337	3.0677
Stddev	.0013	.00191	.0029	.00139	.00517	.0116	.00090	.0277
%RSD	.07662	.72084	.23193	.92662	1.4915	.23683	.40467	.90193

#1	1.6808	.26692	1.2428	.15025	.34967	4.8863	.22426	3.0794
#2	1.6788	.26434	1.2471	.14866	.34043	4.8966	.22245	3.0876
#3	1.6812	.26319	1.2416	.15143	.34905	4.8735	.22339	3.0361

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	4.8936	.15701	2.9232	.63469	1.1800	6.8453	46.943	
Stddev	.0049	.00008	.0304	.00161	.0082	.0080	.104	
%RSD	.09982	.05339	1.0398	.25442	.69349	.11715	.22202	

#1	4.8902	.15710	2.9298	.63505	1.1892	6.8545	46.866	
#2	4.8992	.15695	2.9497	.63293	1.1735	6.8417	47.061	
#3	4.8913	.15696	2.8900	.63610	1.1772	6.8397	46.902	

Sample Name: S4 Acquired: 11/14/2018 15:01:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.8	2124.7	46444.	4134.5	3100.1
Stddev	12.7	1.8	224.	27.1	3.3
%RSD	.63570	.08573	.48184	.65499	.10488
#1	1986.7	2126.5	46208.	4142.1	3098.4
#2	1986.3	2122.9	46470.	4104.5	3103.9
#3	2008.4	2124.6	46653.	4157.0	3098.1

Sample Name: S5 Acquired: 11/14/2018 15:05:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.58265	.75493	9.0764	.85532	2.1942	26.650	77.839	11.487
Stddev	.00275	.00103	.0120	.00149	.0087	.379	.940	.044
%RSD	.47282	.13655	.13209	.17401	.39782	1.4226	1.2072	.38583

#1	.58125	.75381	9.0899	.85547	2.1910	26.441	77.077	11.489
#2	.58088	.75513	9.0672	.85376	2.1875	27.087	78.889	11.530
#3	.58583	.75584	9.0721	.85673	2.2041	26.421	77.551	11.441

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	15.275	16.234	5.0459	4.1791	3.9431	3.4473	4.0417	2.6293
Stddev	.017	.221	.0216	.0049	.0505	.0507	.0587	.0397
%RSD	.11194	1.3625	.42891	.11713	1.2820	1.4706	1.4531	1.5091

#1	15.294	16.107	5.0565	4.1769	3.9116	3.4226	4.0157	2.6125
#2	15.268	16.490	5.0210	4.1847	4.0014	3.5056	4.1089	2.6746
#3	15.262	16.106	5.0603	4.1756	3.9163	3.4136	4.0004	2.6008

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	3.3775	.55329	2.5360	.29996	.71829	10.162	.46546	6.2831
Stddev	.0069	.00213	.0350	.00484	.00503	.126	.00200	.0166
%RSD	.20536	.38516	1.3791	1.6119	.69998	1.2410	.42942	.26401

#1	3.3852	.55359	2.5172	.29754	.71352	10.075	.46318	6.2803
#2	3.3717	.55103	2.5764	.30553	.72354	10.306	.46630	6.3009
#3	3.3757	.55526	2.5146	.29681	.71780	10.103	.46690	6.2681

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	10.269	.32745	5.8640	1.2875	2.3705	14.246	93.255	
Stddev	.021	.00110	.0105	.0013	.0326	.199	.701	
%RSD	.20919	.33684	.17896	.10035	1.3765	1.3935	.75151	

#1	10.248	.32622	5.8628	1.2866	2.3576	14.149	92.458	
#2	10.267	.32776	5.8751	1.2890	2.4076	14.474	93.530	
#3	10.291	.32835	5.8542	1.2869	2.3463	14.114	93.777	

Sample Name: S5 Acquired: 11/14/2018 15:05:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.3	1921.3	45629.	4035.5	2859.4
Stddev	10.9	3.9	335.	45.6	7.5
%RSD	.58338	.20314	.73479	1.1292	.26337
#1	1877.7	1919.5	45971.	4070.2	2850.8
#2	1857.3	1925.8	45301.	3983.9	2862.9
#3	1860.9	1918.6	45616.	4052.4	2864.6

Sample Name: S6 Acquired: 11/14/2018 15:09:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70.130	26.116	8.9744	4.1160	6.8629
Stddev	.151	.101	.0516	.0202	.0154
%RSD	.21599	.38694	.57485	.48950	.22378

#1	70.142	26.093	8.9728	4.1166	6.8647
#2	70.275	26.227	9.0268	4.1359	6.8773
#3	69.973	26.028	8.9237	4.0956	6.8468

Int. Std.	Y_3710
Units	Cts/S
Avg	4000.0
Stddev	3.9
%RSD	.09633

#1	4003.9
#2	3999.7
#3	3996.2

Sample Name: ICV Acquired: 11/14/2018 15:14:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9415262	1.051160	.9455669	.9924900	.9063517	2.309396
Stddev	.0017667	.002124	.0014110	.0065169	.0022021	.012358
%RSD	.1876460	.2020532	.1492264	.6566180	.2429638	.5350998

#1	.9430896	1.051554	.9446257	.9850609	.9065379	2.321494
#2	.9396095	1.048867	.9471893	.9951677	.9040624	2.296794
#3	.9418795	1.053059	.9448858	.9972415	.9084548	2.309901

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997561	.4860937	.5011235	10.10677	.5327705	.4944334
Stddev	.0002184	.0058149	.0006026	.09714	.0017982	.0010746
%RSD	.0437023	1.196256	.1202414	.9611483	.3375173	.2173413

#1	.4999254	.4928063	.5017009	10.13090	.5346600	.4955910
#2	.4995096	.4825995	.5011710	9.99984	.5325713	.4942417
#3	.4998333	.4828753	.5004986	10.18958	.5310802	.4934676

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118577	5.355822	.5090768	5.736953	.5087869	.4659185
Stddev	.0061308	.064237	.0078953	.056513	.0004475	.0033585
%RSD	1.197747	1.199380	1.550904	.9850694	.0879435	.7208279

#1	.5049092	5.339325	.5093810	5.699627	.5088128	.4669506
#2	.5141590	5.301443	.5010338	5.709260	.5092209	.4621651
#3	.5165048	5.426699	.5168156	5.801971	.5083271	.4686398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.663620	.5329157	.9564734	9.456708	4.635003	5.073423
Stddev	.167568	.0083711	.0144371	.067609	.023094	.061603
%RSD	1.734007	1.570808	1.509405	.7149264	.4982483	1.214229

#1	9.857098	.5253667	.9402137	9.464220	4.612869	5.142718
#2	9.568853	.5314619	.9677885	9.385658	4.658950	5.024861
#3	9.564910	.5419185	.9614179	9.520247	4.633190	5.052691

Sample Name: ICV Acquired: 11/14/2018 15:14:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.774857	4.585477	4.953049	4.920809	5.220118	W 4.733291
Stddev	.004098	.020655	.058070	.005101	.021882	.012000
%RSD	.0858249	.4504420	1.172410	.1036684	.4191819	.2535262

#1	4.776668	4.564024	5.019137	4.921571	5.221472	4.740216
#2	4.770166	4.605228	4.910186	4.925488	5.197591	4.719434
#3	4.777738	4.587180	4.929824	4.915370	5.241291	4.740222

Elem	Sr4077
Units	ppm
Avg	4.523648
Stddev	.017270
%RSD	.3817640

#1	4.543580
#2	4.514218
#3	4.513146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.290	2427.814	48663.47	4265.899	3653.200
Stddev	13.705	2.873	75.82	39.397	4.887
%RSD	.6214630	.1183517	.1558050	.9235403	.1337631

#1	2220.856	2425.042	48733.20	4220.756	3648.832
#2	2199.980	2430.779	48674.45	4283.603	3652.290
#3	2195.035	2427.620	48582.76	4293.339	3658.477

Sample Name: ICB Acquired: 11/14/2018 15:19:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000339	.0000721	.0014457	-.000340	.0023122	-.015674	-.000222
Stddev	.003023	.0010866	.0015746	.000885	.0014363	.009889	.000321
%RSD	891.3447	1507.278	108.9110	260.1294	62.11731	63.09183	144.6235

#1	-.003359	.0001831	.0002748	-.000471	.0021082	-.016686	-.000167
#2	-.000346	.0010989	.0008266	.000603	.0009888	-.025019	.000068
#3	.002687	-.001066	.0032358	-.001152	.0038396	-.005318	-.000567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	.0000469	.0234251	-.000125	-.000054	.0010851	-.009406
Stddev	.000007	.0000408	.0272913	.000394	.000166	.0021376	.020943
%RSD	56.99151	86.85316	116.5044	315.6947	306.8390	196.9921	222.6569

#1	-.000006	.0000153	-.006746	-.000095	-.000195	-.001122	-.025457
#2	-.000020	.0000326	.030630	.000253	.000129	.001232	-.017045
#3	-.000010	.0000929	.046391	-.000533	-.000097	.003145	.014284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000164	-.019481	.0002760	-.000195	-.158836	-.003832	.0023217
Stddev	.002561	.063529	.0003091	.000583	.155309	.003747	.0005722
%RSD	1560.506	326.1145	111.9883	298.2222	97.77936	97.80218	24.64691

#1	.000594	-.080987	.0006227	.000465	-.078453	-.005129	.0024061
#2	.001932	.045894	.0000294	-.000638	-.337861	-.006758	.0017119
#3	-.003018	-.023349	.0001758	-.000412	-.060194	.000392	.0028470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722027	.0000604	.0070001	-.000094	-.006839	-.000415	-.000419
Stddev	.0248975	.0010463	.0002140	.000187	.003779	.000895	.001027
%RSD	34.48277	1731.879	3.057487	198.8039	55.26179	215.6278	244.9689

#1	.0883638	.0001015	.0072409	.000114	-.007757	-.000745	.000266
#2	.0847133	.0010856	.0068314	-.000147	-.002685	.000598	.000076
#3	.0435309	-.001006	.0069280	-.000248	-.010075	-.001098	-.001600

Sample Name: ICB Acquired: 11/14/2018 15:19:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001543	.0098223	-.000027
Stddev	.003541	.0009081	.000041
%RSD	229.4886	9.245001	153.9708

#1	.002529	.0090105	-.000050
#2	-.003255	.0096535	-.000051
#3	-.003903	.0108029	.000021

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.859	2482.712	48910.06	4318.667	3751.506
Stddev	5.159	1.311	121.20	16.385	.846
%RSD	.2315732	.0528175	.2478084	.3793912	.0225618

#1	2231.488	2481.198	49008.67	4301.340	3750.928
#2	2221.953	2483.482	48774.75	4320.750	3751.113
#3	2230.136	2483.457	48946.77	4333.910	3752.477

Sample Name: ICSA Acquired: 11/14/2018 15:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN 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	-.009381	.0029543	-.003096	-.014285	.0042616	236.6206	.0047638
Stddev	.004324	.0027543	.002773	.004252	.0006112	.8233	.0005071
%RSD	46.09132	93.22902	89.55926	29.76649	14.34253	.3479358	10.64526

#1	-.004795	.0000285	-.000748	-.018375	.0038358	237.5595	.0045036
#2	-.013383	.0054970	-.006155	-.009887	.0039870	236.2802	.0044396
#3	-.009964	.0033374	-.002384	-.014593	.0049619	236.0221	.0053482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008450	-.000159	250.4998	.0505719	.0010024	-.005834	103.6542
Stddev	.0000835	.000110	2.0724	.0004234	.0004015	.001980	.7712
%RSD	9.879625	69.32056	.8273081	.8372056	40.05350	33.93901	.7439989

#1	.0007761	-.000279	252.7935	.0501339	.0014592	-.007817	104.5000
#2	.0008209	-.000138	248.7620	.0509790	.0008425	-.005829	102.9899
#3	.0009378	-.000061	249.9440	.0506028	.0007055	-.003857	103.4728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122011	252.4235	-.000327	-.000275	.1606556	.0018273	.0000490
Stddev	.0004171	2.0217	.000326	.000571	.1642344	.0018095	.0072610
%RSD	3.418848	.8009110	99.58525	207.9631	102.2276	99.02626	14812.99

#1	.0117209	254.6043	-.000255	.000334	.0073160	.0037118	.0052575
#2	.0124090	250.6118	-.000683	-.000359	.1406912	.0016663	.0031347
#3	.0124735	252.0544	-.000044	-.000800	.3339596	.0001036	-.008245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.125286	-.007034	.0096278	.0010341	.0007179	-.003651	-.004864
Stddev	.031419	.001198	.0034522	.0004327	.0001762	.001929	.000605
%RSD	25.07814	17.02805	35.85622	41.84698	24.54978	52.83551	12.43032

#1	-.161407	-.007432	.0133791	.0006999	.0008144	-.002837	-.004279
#2	-.104286	-.005688	.0089199	.0015229	.0008247	-.005854	-.005487
#3	-.110165	-.007982	.0065845	.0008795	.0005144	-.002263	-.004825

Sample Name: ICSA Acquired: 11/14/2018 15:23:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002984	.0168159	.0994369
Stddev	.002598	.0007934	.0006858
%RSD	87.05196	4.718116	.6897093

#1	-.005904	.0159906	.0989186
#2	-.002122	.0168839	.0991775
#3	-.000927	.0175730	.1002146

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.851	2292.148	47166.18	4213.675	3279.286
Stddev	10.097	1.308	85.63	13.129	5.050
%RSD	.4769835	.0570590	.1815571	.3115899	.1539909

#1	2115.763	2290.831	47227.58	4226.114	3274.611
#2	2107.343	2292.168	47068.36	4214.960	3278.604
#3	2127.449	2293.447	47202.60	4199.950	3284.641

Sample Name: ICSAB Acquired: 11/14/2018 15:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837257	.1071605	.0447490	.0307667	.5741671	232.2795	.5011190
Stddev	.0009718	.0014012	.0024426	.0047703	.0054987	.3970	.0019195
%RSD	1.160697	1.307606	5.458421	15.50488	.9576853	.1709275	.3830478

#1	.0840679	.1068300	.0443147	.0275655	.5739289	232.7050	.5024745
#2	.0826291	.1086975	.0473797	.0284852	.5687913	232.2146	.5019599
#3	.0844802	.1059541	.0425528	.0362493	.5797810	231.9189	.4989225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912378	.9833130	246.5049	.5685623	.4863699	.5016967	101.8160
Stddev	.0030815	.0006379	.8875	.0031248	.0001599	.0057230	.1674
%RSD	.6272846	.0648752	.3600376	.5495964	.0328782	1.140719	.1644454

#1	.4946356	.9832243	247.5222	.5672699	.4864345	.5071278	102.0079
#2	.4886243	.9827241	245.8895	.5721260	.4861878	.4957209	101.7000
#3	.4904537	.9839907	246.1029	.5662911	.4864874	.5022414	101.7401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5154602	247.4243	.9832051	.1991672	-.044835	.5128578	.9564022
Stddev	.0026021	.2980	.0018612	.0010842	.132843	.0063888	.0122945
%RSD	.5048082	.1204519	.1893007	.5443642	296.2945	1.245730	1.285492

#1	.5146581	247.6714	.9811066	.2003039	.092447	.5113046	.9648579
#2	.5183689	247.5083	.9846559	.1990533	-.172743	.5198800	.9422986
#3	.5133536	247.0933	.9838530	.1981445	-.054208	.5073887	.9620501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.244098	.0017688	.0074221	.0010225	.0057165	-.003061	-.005651
Stddev	.060421	.0020591	.0007012	.0005445	.0059287	.001186	.000461
%RSD	24.75276	116.4160	9.446856	53.25321	103.7122	38.74473	8.148855

#1	-.296525	.0006984	.0068371	.0007877	.0041669	-.001747	-.005361
#2	-.257752	.0004653	.0072300	.0016450	.0122662	-.004053	-.006182
#3	-.178019	.0041427	.0081994	.0006347	.0007165	-.003383	-.005410

Sample Name: ICSAB Acquired: 11/14/2018 15:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002247	.0163203	.0977646
Stddev	.001339	.0025806	.0004640
%RSD	59.58048	15.81218	.4746530

#1	-.000702	.0142152	.0974578
#2	-.002973	.0191993	.0975374
#3	-.003065	.0155464	.0982984

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.980	2285.479	47211.14	4175.734	3278.249
Stddev	27.639	5.181	205.51	41.241	3.915
%RSD	1.306804	.2266927	.4353056	.9876294	.1194293

#1	2097.480	2281.734	47065.34	4145.298	3275.005
#2	2146.843	2291.392	47446.19	4222.670	3282.598
#3	2100.618	2283.310	47121.89	4159.234	3277.143

Sample Name: CCV003 Acquired: 11/14/2018 15:33:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.784901	4.799491	24.27951	4.631990	4.788469	407.1339	9.834228
Stddev	.019638	.006121	.04337	.002644	.012481	1.1334	.007855
%RSD	.4104137	.1275444	.1786108	.0570850	.2606442	.2783814	.0798710

#1	4.788738	4.792464	24.26057	4.632832	4.774060	406.3913	9.830914
#2	4.763628	4.802339	24.24883	4.629027	4.795873	408.4384	9.843197
#3	4.802337	4.803668	24.32912	4.634111	4.795476	406.5719	9.828573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972474	2.432585	409.2472	15.02529	2.460559	14.95060	417.2446
Stddev	.0031873	.001577	1.7854	.03095	.002527	.02857	3.6975
%RSD	.6409952	.0648161	.4362726	.2060142	.1026957	.1910678	.8861629

#1	.5004871	2.431164	409.3521	15.05964	2.458147	14.91802	414.9185
#2	.4941151	2.432311	410.9778	15.01667	2.463187	14.97132	421.5082
#3	.4971401	2.434281	407.4116	14.99956	2.460343	14.96247	415.3072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11412	408.9954	2.450596	1.267782	404.3030	2.510568	14.70507
Stddev	.13468	3.7385	.001127	.014130	1.3141	.004822	.17119
%RSD	.8910925	.9140775	.0459705	1.114526	.3250285	.1920778	1.164189

#1	15.06361	406.6905	2.450881	1.270651	405.3871	2.505065	14.52589
#2	15.26676	413.3089	2.451552	1.252437	404.6802	2.512585	14.86697
#3	15.01200	406.9868	2.449354	1.280256	402.8415	2.514054	14.72234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7619	5.047547	4.997480	4.727925	4.929448	4.990202	4.905978
Stddev	.4784	.012493	.025495	.005864	.008611	.034321	.013012
%RSD	.3152279	.2475107	.5101512	.1240253	.1746933	.6877744	.2652223

#1	152.3105	5.034191	5.010895	4.727494	4.932177	5.023522	4.907584
#2	151.5435	5.049505	4.968079	4.722289	4.936364	4.954961	4.892237
#3	151.4317	5.058946	5.013466	4.733993	4.919802	4.992123	4.918112

Sample Name: CCV003 Acquired: 11/14/2018 15:33:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.957783	4.987531	4.925308
Stddev	.027223	.004529	.013948
%RSD	.5491008	.0908048	.2831867

#1	4.937643	4.982449	4.933830
#2	4.988755	4.991138	4.932883
#3	4.946951	4.989008	4.909212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.342	2072.945	46444.52	4098.535	2957.632
Stddev	4.636	3.851	276.62	37.672	4.340
%RSD	.2345869	.1857528	.5955909	.9191602	.1467317

#1	1971.676	2071.620	46162.36	4056.197	2955.994
#2	1976.403	2077.283	46715.24	4128.351	2962.552
#3	1980.948	2069.931	46455.95	4111.059	2954.349

Sample Name: CCB003 Acquired: 11/14/2018 15:44:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023385	.0000903	.0003918	-.001957	.0019723	-.002936	-.001696
Stddev	.0021696	.0001534	.0003741	.003023	.0014969	.007663	.003025
%RSD	92.77676	169.8562	95.49624	154.4624	75.89485	261.0453	178.3492

#1	.0046808	-.000032	.0008111	-.002670	.0002568	-.010911	-.005128
#2	.0003977	.000262	.0002720	.001359	.0026475	.004371	-.000549
#3	.0019370	.000040	.0000922	-.004560	.0030127	-.002266	.000588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000258	.0000285	.0161089	-.000147	-.000160	-.004802	-.019139
Stddev	.0000998	.0000364	.0159649	.000113	.000004	.001055	.029147
%RSD	386.8836	127.6602	99.10646	76.49603	2.652639	21.96785	152.2897

#1	.0001398	-.000012	-.002316	-.000230	-.000164	-.003956	-.031570
#2	-.000045	.000058	.025846	-.000193	-.000160	-.004466	-.040009
#3	-.000017	.000039	.024796	-.000019	-.000155	-.005983	.014162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007430	.0349842	.0000306	-.000012	-.244271	.0044180	.0196061
Stddev	.0012269	.0291422	.0001722	.000374	.167156	.0066522	.0052747
%RSD	165.1302	83.30104	562.8580	3176.019	68.43037	150.5714	26.90362

#1	-.000671	.0209624	.0000812	-.000418	-.380360	.0009857	.0148773
#2	.001373	.0684868	.0001717	.000065	-.057690	.0120853	.0252950
#3	.001527	.0155034	-.000161	.000317	-.294763	.0001829	.0186460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.205317	-.002218	.0016225	.0000488	-.005728	-.003130	-.001409
Stddev	.269368	.000499	.0020454	.0001849	.002087	.003656	.000756
%RSD	131.1962	22.50259	126.0658	378.7277	36.44079	116.8125	53.67637

#1	-.508524	-.002530	-.000357	.0002615	-.007021	-.007347	-.000536
#2	-.113778	-.001642	.001497	-.000042	-.003320	-.000851	-.001846
#3	.006352	-.002482	.003728	-.000073	-.006842	-.001192	-.001845

Sample Name: CCB003 Acquired: 11/14/2018 15:44:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001158	.0002600	-.000030
Stddev	.000809	.0056438	.000074
%RSD	69.88651	2171.064	245.8970

#1	-.001858	-.006090	-.000083
#2	-.000272	.002164	-.000061
#3	-.001344	.004705	.000054

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.877	2442.784	48329.58	5203.541	3708.823
Stddev	6.492	3.969	73.08	1671.490	7.576
%RSD	.2951062	.1624679	.1512015	32.12216	.2042763

#1	2192.670	2438.216	48411.25	7133.493	3702.032
#2	2201.695	2445.391	48307.13	4220.050	3716.995
#3	2205.266	2444.744	48270.37	4257.080	3707.441

Sample Name: PBW Acquired: 11/14/2018 15:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000381	-.000964	.0008110	-.001019	.0018769	.0030728	.0003373
Stddev	.001739	.000714	.0009049	.001339	.0011846	.0054906	.0003032
%RSD	456.7282	74.01734	111.5733	131.4332	63.11735	178.6851	89.87998

#1	-.001786	-.000144	.0017495	-.002527	.0028198	.0086056	.0006859
#2	-.000919	-.001444	.0007396	.000030	.0005472	-.002375	.0001358
#3	.001564	-.001304	-.000056	-.000559	.0022636	.002987	.0001902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	.0000434	.0089406	-.000443	-.000053	-.002924	-.011150
Stddev	.0000224	.0000152	.0055816	.000408	.000246	.003516	.002923
%RSD	147.3015	34.97736	62.42976	92.27096	465.7125	120.2460	26.21880

#1	-.000008	.0000261	.0095764	-.000846	.000202	-.000466	-.012194
#2	.000036	.0000544	.0141770	-.000452	-.000071	-.006951	-.007848
#3	.000018	.0000496	.0030683	-.000029	-.000289	-.001354	-.013407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006852	.0189361	.0000062	-.000508	-.035241	.0009818	.0099560
Stddev	.0005246	.0186925	.0002331	.000285	.339252	.0048131	.0100279
%RSD	76.56967	98.71389	3744.631	56.12080	962.6674	490.2156	100.7219

#1	.0012270	.0405018	.0002160	-.000793	.331234	.0062289	.0195100
#2	.0001796	.0073783	.0000473	-.000223	-.098627	-.000055	-.000487
#3	.0006489	.0089282	-.000245	-.000508	-.338329	-.003228	.010845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047882	-.002578	.0022397	-.000086	-.003849	-.001368	-.002541
Stddev	.062350	.000351	.0009614	.000105	.002294	.000834	.000758
%RSD	130.2161	13.61729	42.92631	121.9951	59.59863	61.01416	29.81987

#1	-.032656	-.002660	.0033392	-.000171	-.006497	-.001576	-.002211
#2	.005444	-.002194	.0015574	-.000117	-.002584	-.000449	-.002004
#3	-.116435	-.002882	.0018224	.000031	-.002465	-.002078	-.003408

Sample Name: PBW Acquired: 11/14/2018 15:48:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001855	.0040351	-.000077
Stddev	.001280	.0009654	.000069
%RSD	69.00805	23.92582	89.17802

#1	-.000998	.0043174	.000001
#2	-.001240	.0029600	-.000127
#3	-.003327	.0048279	-.000107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.931	2414.381	47988.08	4201.897	3672.279
Stddev	19.971	3.433	124.81	30.185	5.607
%RSD	.9115189	.1422048	.2600863	.7183708	.1526942

#1	2198.899	2415.620	47889.13	4169.500	3668.581
#2	2205.689	2417.023	48128.29	4206.960	3678.731
#3	2168.207	2410.500	47946.80	4229.230	3669.525

Sample Name: LCSW Acquired: 11/14/2018 15:52:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204264	.0465365	.0197925	.0641548	.1095253	.3506234
Stddev	.0013049	.0027780	.0012143	.0007672	.0005971	.0089916
%RSD	6.388040	5.969522	6.135370	1.195927	.5451794	2.564453

#1	.0217609	.0465097	.0194879	.0650377	.1089328	.3403852
#2	.0191533	.0437719	.0211301	.0637764	.1095162	.3572367
#3	.0203651	.0493277	.0187594	.0636502	.1101269	.3542482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653627	.0092655	.0092127	9.643850	.0205231	.0860039
Stddev	.0017109	.0000307	.0001568	.054326	.0006079	.0002969
%RSD	.4682700	.3311451	1.702171	.5633180	2.961986	.3452261

#1	.3640338	.0092919	.0090766	9.694627	.0205063	.0859134
#2	.3647611	.0092729	.0091773	9.586563	.0211392	.0857628
#3	.3672931	.0092319	.0093842	9.650361	.0199238	.0863355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484653	.2280348	.0301841	9.036116	.0743678	.0176753
Stddev	.0013939	.0157977	.0007720	.045548	.0000309	.0005381
%RSD	2.876174	6.927772	2.557553	.5040662	.0415102	3.044301

#1	.0493430	.2372133	.0308728	9.080467	.0743321	.0180595
#2	.0468580	.2097933	.0293496	9.038422	.0743848	.0179062
#3	.0491950	.2370978	.0303298	8.989459	.0743864	.0170603

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.679731	.0996614	.1097702	8.699848	.0146941	F .0191304
Stddev	.250023	.0020267	.0071841	.110957	.0011629	.0008140
%RSD	2.880541	2.033636	6.544667	1.275388	7.913877	4.254778

#1	8.414700	.0980319	.1035571	8.670598	.0133861	.0194064
#2	8.713095	.1019309	.1081166	8.606447	.0150848	.0197704
#3	8.911396	.0990213	.1176369	8.822500	.0156113	.0182143

Sample Name: LCSW Acquired: 11/14/2018 15:52:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175022	.1500321	.1880217	F .0109104	.1877015	.0860904
Stddev	.0003134	.0009158	.0029438	.0002384	.0015284	.0012437
%RSD	1.790543	.6104348	1.565667	2.185103	.8142602	1.444590

#1	.0173017	.1510856	.1912301	.0106954	.1859843	.0846695
#2	.0173415	.1494257	.1873898	.0111668	.1882076	.0866207
#3	.0178633	.1495850	.1854451	.0108691	.1889127	.0869810

Elem	Sr4077
Units	ppm
Avg	.1805055
Stddev	.0011010
%RSD	.6099341

#1	.1797729
#2	.1817715
#3	.1799720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.284	2437.043	48881.68	4285.480	3728.792
Stddev	25.966	3.486	348.29	2.205	5.847
%RSD	1.165803	.1430342	.7125200	.0514564	.1568150

#1	2251.970	2436.551	49262.15	4283.290	3722.655
#2	2229.677	2433.830	48804.32	4285.450	3729.423
#3	2200.205	2440.749	48578.57	4287.700	3734.299

Sample Name: WATER MDL#8 Acquired: 11/14/2018 16:05:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038430	.0111977	.0043742	.0153029	.0284808	.0822299	.0897886
Stddev	.0000826	.0011413	.0007338	.0028651	.0003712	.0108312	.0008447
%RSD	2.149902	10.19216	16.77685	18.72246	1.303485	13.17183	.9407518

#1	.0037861	.0124323	.0038783	.0140606	.0283760	.0735992	.0889764
#2	.0038051	.0109797	.0040271	.0185794	.0288932	.0943841	.0906624
#3	.0039377	.0101812	.0052172	.0132686	.0281732	.0787064	.0897271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021921	.0022516	2.345366	.0048503	.0207868	.0158363	.0404869
Stddev	.0000537	.0000710	.009849	.0001748	.0003176	.0031435	.0187478
%RSD	2.448867	3.151473	.4199243	3.604751	1.527878	19.85022	46.30591

#1	.0021727	.0022518	2.334784	.0047265	.0206651	.0167979	.0268231
#2	.0022527	.0023225	2.354265	.0047742	.0205481	.0183867	.0327773
#3	.0021507	.0021805	2.347050	.0050503	.0211472	.0123243	.0618604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071600	2.214561	.0184975	.0043504	1.770775	.0219347	.0362586
Stddev	.0008756	.068304	.0000551	.0004426	.397732	.0029359	.0129003
%RSD	12.22845	3.084323	.2977349	10.17336	22.46088	13.38456	35.57846

#1	.0065405	2.218257	.0184858	.0047344	1.693742	.0211395	.0414352
#2	.0067777	2.280943	.0185575	.0044506	1.417194	.0251863	.0457665
#3	.0081616	2.144485	.0184492	.0038664	2.201388	.0194784	.0215741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.060489	.0013850	.0024367	.0044261	.0288235	.0441738	.0007249
Stddev	.037028	.0008330	.0005100	.0000843	.0036155	.0017804	.0002754
%RSD	1.797029	60.14223	20.92774	1.903517	12.54351	4.030340	37.99832

#1	2.042091	.0021564	.0018672	.0043356	.0328229	.0435908	.0009977
#2	2.103112	.0005017	.0025920	.0044404	.0257868	.0461726	.0007300
#3	2.036263	.0014970	.0028510	.0045023	.0278609	.0427581	.0004469

Sample Name: WATER MDL#8 Acquired: 11/14/2018 16:05:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0445165	.0198784	.0435375
Stddev	.0015219	.0011500	.0002833
%RSD	3.418685	5.785263	.6507287

#1	.0431717	.0187556	.0432895
#2	.0461685	.0210538	.0434766
#3	.0442092	.0198258	.0438463

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.750	2436.851	48227.61	4252.293	3712.140
Stddev	8.363	4.356	305.35	15.055	3.202
%RSD	.3793145	.1787598	.6331370	.3540360	.0862667

#1	2195.256	2434.065	47968.75	4253.060	3709.069
#2	2211.026	2441.871	48564.36	4236.870	3715.459
#3	2207.968	2434.618	48149.73	4266.950	3711.892

Sample Name: WATER MDL#9 Acquired: 11/14/2018 16:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040436	.0140810	.0047081	.0152643	.0313399	.1087391	.1008327
Stddev	.0008303	.0018975	.0011505	.0016715	.0013042	.0094467	.0005659
%RSD	20.53446	13.47540	24.43659	10.95011	4.161407	8.687518	.5611970

#1	.0047820	.0162513	.0056511	.0161041	.0306108	.1195337	.1008699
#2	.0042040	.0127355	.0034262	.0133394	.0305632	.1019824	.1002491
#3	.0031448	.0132562	.0050470	.0163493	.0328456	.1047012	.1013790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025918	.0025444	2.636535	.0055385	.0240394	.0125586	.0350791
Stddev	.0000817	.0000521	.019218	.0004384	.0001943	.0021892	.0232933
%RSD	3.151049	2.047772	.7289045	7.914876	.8082247	17.43179	66.40214

#1	.0025915	.0025988	2.652960	.0054279	.0241541	.0128825	.0444980
#2	.0025102	.0024949	2.615400	.0051660	.0241490	.0102255	.0521879
#3	.0026736	.0025395	2.641244	.0060216	.0238150	.0145677	.0085513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080300	2.438829	.0208505	.0045107	2.482297	.0262120	.0136993
Stddev	.0017259	.142105	.0002513	.0003178	.340615	.0021222	.0131482
%RSD	21.49304	5.826769	1.205322	7.046071	13.72175	8.096398	95.97711

#1	.0089435	2.422169	.0210684	.0045086	2.248928	.0256864	-.001413
#2	.0091071	2.588531	.0205755	.0041938	2.873158	.0244020	.022520
#3	.0060393	2.305789	.0209074	.0048295	2.324806	.0285477	.019991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.379704	.0026325	.0026553	.0049074	.0414981	.0505056	.0012337
Stddev	.025040	.0013103	.0003985	.0000875	.0008423	.0019425	.0005364
%RSD	1.052216	49.77334	15.00745	1.783465	2.029653	3.846204	43.47482

#1	2.380615	.0041381	.0029844	.0048300	.0405463	.0513313	.0018529
#2	2.404275	.0020078	.0022122	.0050024	.0421472	.0482866	.0009384
#3	2.354221	.0017514	.0027693	.0048898	.0418008	.0518989	.0009099

Sample Name: WATER MDL#9 Acquired: 11/14/2018 16:13:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0479836	.0230665	.0498917
Stddev	.0003711	.0006786	.0001439
%RSD	.7734550	2.941837	.2884517

#1	.0484116	.0236532	.0499273
#2	.0477898	.0232229	.0497333
#3	.0477495	.0223234	.0500145

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.833	2426.012	47988.91	4242.580	3693.190
Stddev	13.276	8.085	398.86	20.677	12.087
%RSD	.6084854	.3332541	.8311485	.4873581	.3272907

#1	2181.920	2417.558	47885.16	4236.770	3680.481
#2	2168.513	2433.668	47652.17	4265.540	3704.541
#3	2195.065	2426.810	48429.39	4225.430	3694.547

Sample Name: WATER MDL#10 Acquired: 11/14/2018 16:17:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048364	.0123605	.0049628	.0138052	.0291137	.0874118	.0907600
Stddev	.0008883	.0011800	.0022280	.0039423	.0012009	.0033838	.0009468
%RSD	18.36617	9.546790	44.89315	28.55645	4.125002	3.871093	1.043222

#1	.0056029	.0111604	.0035078	.0137737	.0294188	.0846033	.0897794
#2	.0038629	.0135194	.0038530	.0177631	.0301327	.0911686	.0908317
#3	.0050433	.0124018	.0075277	.0098787	.0277897	.0864634	.0916690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022563	.0023776	2.403836	.0043393	.0211159	.0126097	.0372689
Stddev	.0000056	.0000535	.027882	.0002998	.0001618	.0054009	.0134642
%RSD	.2491509	2.248797	1.159906	6.907977	.7662880	42.83176	36.12708

#1	.0022532	.0024240	2.434439	.0045373	.0212751	.0077076	.0417373
#2	.0022627	.0023192	2.379874	.0044862	.0209516	.0117218	.0479308
#3	.0022528	.0023897	2.397195	.0039945	.0211211	.0183995	.0221386

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077653	2.183796	.0187438	.0047160	1.756054	.0256784	.0364512
Stddev	.0011031	.047644	.0002112	.0003656	.433399	.0017430	.0098167
%RSD	14.20494	2.181690	1.126614	7.752684	24.68030	6.787864	26.93105

#1	.0071034	2.133834	.0186170	.0047840	1.449285	.0243855	.0446962
#2	.0071538	2.188830	.0189876	.0043211	1.567013	.0276606	.0255920
#3	.0090386	2.228722	.0186269	.0050427	2.251863	.0249890	.0390653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094271	.0024415	.0021361	.0042212	.0315810	.0456253	.0003826
Stddev	.042157	.0007721	.0013769	.0001906	.0027858	.0017487	.0006212
%RSD	2.012960	31.62162	64.45735	4.515995	8.821253	3.832840	162.3600

#1	2.106234	.0030982	.0035968	.0040818	.0298399	.0445335	.0009590
#2	2.129153	.0015910	.0008621	.0041433	.0301091	.0447000	-.000275
#3	2.047426	.0026354	.0019493	.0044384	.0347941	.0476423	.000464

Sample Name: WATER MDL#10 Acquired: 11/14/2018 16:17:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0454667	.0195795	.0443702
Stddev	.0027819	.0006100	.0003368
%RSD	6.118436	3.115318	.7591343

#1	.0476394	.0200815	.0446238
#2	.0464293	.0197562	.0444987
#3	.0423314	.0189006	.0439880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.495	2436.169	48692.71	4274.637	3715.838
Stddev	6.221	3.902	185.18	17.315	4.701
%RSD	.2796543	.1601611	.3803107	.4050549	.1265160

#1	2217.338	2435.740	48489.53	4278.490	3720.822
#2	2228.606	2440.268	48852.01	4289.700	3715.210
#3	2227.540	2432.500	48736.60	4255.720	3711.483

Sample Name: WATER MDL#11 Acquired: 11/14/2018 16:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045891	.0089369	.0045713	.0117077	.0225849	.0747381	.0742174
Stddev	.0036109	.0004081	.0013753	.0011205	.0008233	.0025463	.0005098
%RSD	78.68401	4.566659	30.08451	9.570503	3.645390	3.406972	.6869140

#1	.0015688	.0084733	.0030680	.0129533	.0217344	.0775291	.0740551
#2	.0085885	.0090959	.0048798	.0107819	.0233780	.0741436	.0738085
#3	.0036099	.0092417	.0057662	.0113878	.0226424	.0725417	.0747886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018097	.0019272	1.959939	.0039082	.0171682	.0069312	.0087858
Stddev	.0000377	.0000475	.014212	.0004473	.0000804	.0002352	.0086597
%RSD	2.083690	2.466465	.7251150	11.44488	.4680919	3.393261	98.56560

#1	.0018403	.0018901	1.948337	.0034427	.0170895	.0068170	.0171081
#2	.0017676	.0019808	1.955689	.0039470	.0172501	.0067748	-.000176
#3	.0018214	.0019108	1.975791	.0043347	.0171648	.0072016	.009425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054903	1.812685	.0153697	.0032760	1.446914	.0254885	.0237565
Stddev	.0003681	.038791	.0002862	.0000449	.272028	.0003503	.0108236
%RSD	6.704704	2.139950	1.861988	1.370133	18.80058	1.374225	45.56054

#1	.0056897	1.805233	.0157000	.0032277	1.756214	.0257194	.0237270
#2	.0057156	1.854662	.0152148	.0033165	1.339695	.0250855	.0129477
#3	.0050655	1.778162	.0151944	.0032837	1.244833	.0256607	.0345949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.698980	.0010162	.0009387	.0033799	.0219968	.0366527	.0000789
Stddev	.050532	.0004599	.0004862	.0002123	.0032546	.0008171	.0004827
%RSD	2.974235	45.25952	51.80189	6.280402	14.79593	2.229235	612.1526

#1	1.757326	.0012826	.0003881	.0033429	.0182496	.0358243	.0005477
#2	1.670306	.0012808	.0013091	.0031886	.0241177	.0374580	-.000416
#3	1.669309	.0004851	.0011188	.0036082	.0236232	.0366758	.000105

Sample Name: WATER MDL#11 Acquired: 11/14/2018 16:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0360616	.0137798	.0360814
Stddev	.0011767	.0021215	.0000841
%RSD	3.263058	15.39611	.2332252

#1	.0350161	.0119324	.0361661
#2	.0373359	.0160968	.0360804
#3	.0358327	.0133102	.0359978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.602	2439.836	48521.69	4264.837	3711.039
Stddev	11.346	1.020	105.49	9.786	2.855
%RSD	.5144116	.0418236	.2174010	.2294504	.0769394

#1	2218.034	2439.927	48578.43	4275.560	3712.949
#2	2202.966	2438.773	48586.67	4262.560	3712.412
#3	2195.806	2440.807	48399.98	4256.390	3707.757

Sample Name: WATER MDL#12 Acquired: 11/14/2018 16:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046020	.0114580	.0042522	.0173446	.0313991	.0984814	.1010952
Stddev	.0015647	.0012807	.0019735	.0027067	.0007025	.0120409	.0006039
%RSD	34.00022	11.17737	46.40992	15.60528	2.237321	12.22654	.5973878

#1	.0059285	.0111283	.0035149	.0149775	.0312756	.1123695	.1004257
#2	.0028764	.0128714	.0064882	.0202955	.0307665	.0921072	.1012610
#3	.0050009	.0103745	.0027536	.0167607	.0321552	.0909677	.1015989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025241	.0025822	2.666358	.0052968	.0235762	.0128306	.0556608
Stddev	.0000108	.0000545	.037021	.0003046	.0003141	.0055708	.0122882
%RSD	.4280998	2.110988	1.388441	5.750742	1.332454	43.41782	22.07699

#1	.0025204	.0025259	2.704513	.0049482	.0233352	.0074032	.0542127
#2	.0025156	.0025860	2.663976	.0055111	.0234618	.0185344	.0441608
#3	.0025363	.0026347	2.630586	.0054313	.0239314	.0125541	.0686090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074259	2.469585	.0207076	.0047015	1.983507	.0261282	.0253527
Stddev	.0012031	.038950	.0000567	.0000804	.078100	.0024618	.0061176
%RSD	16.20159	1.577191	.2739245	1.710077	3.937478	9.421910	24.12998

#1	.0068092	2.426259	.0207682	.0046582	2.036195	.0253030	.0245645
#2	.0088124	2.480794	.0206989	.0047943	2.020548	.0241850	.0318263
#3	.0066563	2.501701	.0206557	.0046521	1.893779	.0288965	.0196674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.313218	.0021150	.0020722	.0044954	.0355158	.0502582	.0009592
Stddev	.033302	.0009310	.0003426	.0002412	.0078496	.0006298	.0011398
%RSD	1.439647	44.01903	16.53118	5.365358	22.10176	1.253059	118.8251

#1	2.275280	.0011745	.0021204	.0044849	.0278872	.0496428	.0020636
#2	2.337625	.0021342	.0023881	.0047416	.0350910	.0509014	.0010269
#3	2.326748	.0030361	.0017081	.0042596	.0435692	.0502305	-.000213

Sample Name: WATER MDL#12 Acquired: 11/14/2018 16:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0496698	.0196821	.0489747
Stddev	.0029993	.0004444	.0000992
%RSD	6.038482	2.258090	.2025889

#1	.0520160	.0201952	.0489266
#2	.0507030	.0194159	.0489088
#3	.0462905	.0194353	.0490888

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.185	2435.326	48366.63	4267.983	3708.065
Stddev	12.271	4.230	213.83	6.352	6.042
%RSD	.5579775	.1736979	.4421102	.1488199	.1629299

#1	2212.964	2437.999	48603.40	4265.210	3709.690
#2	2189.434	2437.530	48187.59	4263.490	3713.128
#3	2195.158	2430.449	48308.90	4275.250	3701.378

Sample Name: PBS Acquired: 11/14/2018 16:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005304	.0006848	.0003724	.0003654	.0013454	-.003530	.0010567
Stddev	.0006423	.0023882	.0011765	.0007024	.0016864	.001830	.0008365
%RSD	121.0928	348.7676	315.9583	192.2339	125.3495	51.82554	79.16428

#1	.0003119	-.001310	.0016703	.0004334	-.000097	-.003106	.0000928
#2	.0012534	.003331	.0000708	-.000369	.003199	-.001950	.0014849
#3	.0000259	.000033	-.000624	.001031	.000934	-.005535	.0015924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000027	.0000246	.0240811	-.000198	-.000217	.0012050	-.021248
Stddev	.0000436	.0000213	.0097964	.000374	.000087	.0012201	.013824
%RSD	1622.271	86.50942	40.68083	188.6277	40.26013	101.2517	65.05899

#1	-.000028	.0000491	.0352561	.000055	-.000282	.0025024	-.037020
#2	-.000017	.0000109	.0169743	-.000022	-.000250	.0000807	-.015496
#3	.000053	.0000137	.0200128	-.000628	-.000118	.0010319	-.011230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003714	.0062507	-.000265	-.000311	-.021219	.0009916	.0028891
Stddev	.0013168	.0286862	.000234	.000134	.078656	.0073969	.0052515
%RSD	354.5153	458.9276	88.31958	43.04187	370.6795	745.9375	181.7720

#1	-.000765	.0391691	-.000066	-.000448	-.042205	.0008186	-.001492
#2	.000065	-.007017	-.000523	-.000180	.065801	-.006317	.008711
#3	.001814	-.013400	-.000207	-.000305	-.087254	.008474	.001448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124533	-.003887	-.003388	-.000444	-.007558	-.002546	-.002800
Stddev	.047439	.001641	.001678	.000264	.003421	.000883	.000528
%RSD	38.09346	42.21440	49.54689	59.38642	45.26599	34.69736	18.86399

#1	-.069923	-.004802	-.004051	-.000581	-.010645	-.003429	-.002933
#2	-.155546	-.004866	-.001479	-.000611	-.003880	-.002547	-.003248
#3	-.148131	-.001992	-.004633	-.000140	-.008147	-.001662	-.002218

Sample Name: PBS Acquired: 11/14/2018 16:34:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002365	-.002676	-.000107
Stddev	.002790	.001287	.000056
%RSD	117.9966	48.08763	51.83519

#1	-.001533	-.003948	-.000163
#2	-.000085	-.001375	-.000052
#3	-.005476	-.002706	-.000107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.114	2436.587	48548.92	4272.360	3684.608
Stddev	5.713	6.413	104.47	36.590	12.727
%RSD	.2574431	.2631978	.2151788	.8564415	.3454074

#1	2217.063	2430.230	48438.45	4308.870	3671.898
#2	2214.709	2443.055	48562.21	4235.690	3697.352
#3	2225.569	2436.475	48646.11	4272.520	3684.574

Sample Name: LCSS Acquired: 11/14/2018 16:38:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183907	.0483154	.0178501	.0621169	.1118324	.3689491
Stddev	.0019518	.0018076	.0010220	.0009249	.0013679	.0076454
%RSD	10.61321	3.741217	5.725574	1.489002	1.223164	2.072195

#1	.0197231	.0503050	.0190296	.0610738	.1133028	.3696886
#2	.0192988	.0467743	.0172927	.0624400	.1115969	.3609609
#3	.0161503	.0478668	.0172280	.0628369	.1105976	.3761979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3682147	.0092004	.0091971	9.595316	.0206060	.0857905
Stddev	.0015674	.0000545	.0001352	.094710	.0003283	.0003081
%RSD	.4256876	.5926216	1.469842	.9870457	1.593060	.3590986

#1	.3674126	.0091511	.0090731	9.700324	.0203348	.0854394
#2	.3672105	.0092590	.0093412	9.516355	.0205122	.0860155
#3	.3700208	.0091911	.0091770	9.569269	.0209709	.0859166

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505870	.2058524	.0314445	8.941114	.0750099	.0181076
Stddev	.0007318	.0100602	.0004793	.039360	.0001687	.0004752
%RSD	1.446614	4.887095	1.524339	.4402158	.2249410	2.624505

#1	.0513834	.1958658	.0315934	8.959058	.0748159	.0180631
#2	.0504335	.2057067	.0309084	8.968304	.0750909	.0176562
#3	.0499441	.2159846	.0318316	8.895979	.0751228	.0186035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.723176	.0988539	.1046318	8.681366	.0156236	F .0151034
Stddev	.140413	.0045242	.0097045	.023616	.0002712	.0006473
%RSD	1.609658	4.576642	9.274882	.2720293	1.736115	4.285840

#1	8.561344	.1011721	.0979744	8.664900	.0154320	.0144339
#2	8.812678	.1017491	.1001544	8.670773	.0155047	.0151504
#3	8.795506	.0936404	.1157667	8.708423	.0159339	.0157259

Sample Name: LCSS Acquired: 11/14/2018 16:38:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173904	.1461459	.1878985	F .0098264	.1876712	.0806252
Stddev	.0002709	.0041398	.0009306	.0006169	.0019799	.0014977
%RSD	1.557464	2.832672	.4952498	6.278250	1.054999	1.857669

#1	.0170795	.1493509	.1868403	.0103745	.1889694	.0822549
#2	.0175170	.1414719	.1885894	.0099466	.1886519	.0803118
#3	.0175748	.1476148	.1882657	.0091583	.1853924	.0793090

Elem	Sr4077
Units	ppm
Avg	.1793193
Stddev	.0007424
%RSD	.4140032

#1	.1793599
#2	.1800406
#3	.1785575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.228	2429.669	48853.73	4286.940	3697.652
Stddev	2.679	2.501	383.63	8.544	2.255
%RSD	.1203481	.1029321	.7852540	.1993030	.0609848

#1	2225.708	2431.499	48560.18	4277.790	3698.260
#2	2229.129	2426.819	49287.81	4288.320	3695.156
#3	2223.847	2430.688	48713.22	4294.710	3699.541

Sample Name: WATER MDL#13 Acquired: 11/14/2018 16:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041087	.0104837	.0037753	.0141089	.0270427	.0770324	.0855438
Stddev	.0019419	.0010677	.0020197	.0021951	.0005999	.0039755	.0003828
%RSD	47.26384	10.18452	53.49729	15.55793	2.218395	5.160763	.4474707

#1	.0034406	.0104450	.0036120	.0156898	.0263766	.0766091	.0859784
#2	.0025890	.0115702	.0058716	.0150342	.0272111	.0732856	.0853962
#3	.0062964	.0094358	.0018422	.0116027	.0275405	.0812026	.0852568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021702	.0021290	2.237449	.0044448	.0199713	.0133382	.0354424
Stddev	.0000553	.0000464	.033710	.0001706	.0002900	.0009117	.0232018
%RSD	2.550359	2.177065	1.506610	3.838644	1.452007	6.835025	65.46331

#1	.0022057	.0020985	2.276326	.0044261	.0200667	.0142611	.0486010
#2	.0021064	.0021823	2.219682	.0042842	.0196457	.0133154	.0086527
#3	.0021985	.0021062	2.216340	.0046239	.0202017	.0124382	.0490735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070901	2.073114	.0177602	.0040950	1.858369	.0225131	.0275377
Stddev	.0012317	.040705	.0005151	.0002423	.116189	.0035988	.0076495
%RSD	17.37166	1.963480	2.900464	5.916799	6.252214	15.98551	27.77851

#1	.0068262	2.119660	.0175945	.0038334	1.776108	.0186970	.0273324
#2	.0060118	2.044182	.0173484	.0041399	1.807713	.0258457	.0352878
#3	.0084324	2.055500	.0183378	.0043117	1.991286	.0229967	.0199928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894496	.0035847	.0003339	.0040523	.0281042	.0424246	.0007288
Stddev	.041359	.0005625	.0008779	.0001579	.0051516	.0011148	.0004638
%RSD	2.183093	15.69109	262.8961	3.897662	18.33031	2.627606	63.64216

#1	1.924375	.0042313	.0009586	.0042346	.0275603	.0417122	.0010619
#2	1.847293	.0032087	.0007130	.0039631	.0335061	.0418523	.0009253
#3	1.911822	.0033140	-.000670	.0039591	.0232461	.0437092	.0001990

Sample Name: WATER MDL#13 Acquired: 11/14/2018 16:45:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0416303	.0171330	.0416720
Stddev	.0017662	.0002918	.0000847
%RSD	4.242608	1.703267	.2032837

#1	.0399557	.0173192	.0415755
#2	.0434757	.0172832	.0417064
#3	.0414596	.0167967	.0417341

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.741	2418.382	48592.26	4266.783	3682.348
Stddev	37.273	7.798	536.03	21.237	7.199
%RSD	1.686762	.3224534	1.103112	.4977400	.1955055

#1	2205.557	2410.328	48426.10	4256.450	3675.657
#2	2174.736	2425.896	48159.00	4291.210	3689.966
#3	2248.929	2418.922	49191.70	4252.690	3681.421

Sample Name: WATER MDL#14 Acquired: 11/14/2018 16:53:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028348	.0120172	.0047356	.0153231	.0298583	.0841957	.0952075
Stddev	.0019714	.0005497	.0023847	.0007867	.0011249	.0114700	.0008425
%RSD	69.54326	4.574249	50.35622	5.134214	3.767307	13.62304	.8849288

#1	.0006339	.0121006	.0046481	.0160837	.0308906	.0718902	.0961438
#2	.0034317	.0114305	.0071629	.0153732	.0286595	.0945901	.0945106
#3	.0044386	.0125204	.0023959	.0145126	.0300249	.0861068	.0949681

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024010	.0024421	2.527281	.0054327	.0221948	.0171770	.0554422
Stddev	.0000690	.0000638	.014705	.0005303	.0001000	.0014192	.0114779
%RSD	2.873715	2.611736	.5818682	9.760644	.4504743	8.262537	20.70250

#1	.0023436	.0024585	2.520749	.0053409	.0222664	.0180116	.0644072
#2	.0023819	.0023717	2.516974	.0060028	.0220806	.0179811	.0425061
#3	.0024776	.0024960	2.544121	.0049543	.0222374	.0155383	.0594133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083192	2.335810	.0198274	.0044793	1.781699	.0249064	.0361563
Stddev	.0007220	.058222	.0001889	.0004764	.088708	.0051001	.0041087
%RSD	8.678991	2.492592	.9527937	10.63662	4.978828	20.47703	11.36370

#1	.0075106	2.300198	.0196390	.0049895	1.752976	.0201096	.0395073
#2	.0085476	2.304234	.0200168	.0040460	1.710912	.0243461	.0315723
#3	.0088993	2.402999	.0198264	.0044024	1.881209	.0302636	.0373894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.244158	.0012094	.0010372	.0043242	.0339400	.0475377	.0001906
Stddev	.034289	.0016263	.0003151	.0003373	.0029890	.0015612	.0004075
%RSD	1.527923	134.4740	30.37907	7.799670	8.806746	3.284148	213.7894

#1	2.214502	.0024378	.0006744	.0041485	.0328002	.0481666	-.000229
#2	2.236269	-.000635	.0012419	.0041110	.0316885	.0457601	.000216
#3	2.281705	.001825	.0011954	.0047130	.0373312	.0486864	.000585

Sample Name: WATER MDL#14 Acquired: 11/14/2018 16:53:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0468659	.0186597	.0464631
Stddev	.0010355	.0007418	.0002744
%RSD	2.209456	3.975127	.5906013

#1	.0479848	.0194399	.0463898
#2	.0459414	.0185756	.0462328
#3	.0466715	.0179636	.0467668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.144	2424.932	48261.48	4266.543	3690.849
Stddev	14.327	7.036	189.63	44.081	11.298
%RSD	.6514652	.2901328	.3929309	1.033178	.3061215

#1	2186.325	2418.045	48143.12	4253.880	3679.850
#2	2196.496	2424.645	48161.11	4315.570	3690.271
#3	2214.610	2432.107	48480.20	4230.180	3702.425

Sample Name: SOIL MLD#8 Acquired: 11/14/2018 16:57:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065024	.0117125	.0018715	.0031856	.0135193	.0261355	.0244454
Stddev	.0012184	.0002471	.0012428	.0008758	.0010066	.0105692	.0009091
%RSD	18.73706	2.109781	66.40853	27.49297	7.445861	40.44007	3.718678

#1	.0061045	.0118598	.0031226	.0024399	.0123570	.0374190	.0250164
#2	.0078700	.0118505	.0018547	.0041501	.0140897	.0164664	.0233972
#3	.0055328	.0114272	.0006371	.0029669	.0141111	.0245209	.0249228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014601	.0015309	.5247658	.0023368	.0071712	.0028373	.0051676
Stddev	.0000882	.0000695	.0119605	.0003654	.0000727	.0030847	.0099697
%RSD	6.040294	4.537414	2.279206	15.63721	1.013350	108.7194	192.9265

#1	.0013756	.0015807	.5280538	.0025234	.0071284	-.000186	-.003874
#2	.0015516	.0015606	.5115053	.0025713	.0071300	.005980	.003518
#3	.0014533	.0014516	.5347384	.0019158	.0072551	.002718	.015859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054331	.4748781	.0103816	.0020497	.4006806	.0131930	.0092307
Stddev	.0015069	.0981018	.0002656	.0001651	.0984754	.0061499	.0057736
%RSD	27.73570	20.65832	2.558220	8.053493	24.57704	46.61489	62.54854

#1	.0036985	.5226716	.0106673	.0018668	.2930977	.0077919	.0042881
#2	.0061815	.3620386	.0101422	.0020945	.4225839	.0119008	.0155766
#3	.0064194	.5399239	.0103353	.0021877	.4863601	.0198863	.0078273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4330966	.0020181	.0197734	.0446455	-.002361	.1439034	.0065676
Stddev	.0359155	.0043843	.0004690	.0001816	.000369	.0003153	.0005570
%RSD	8.292723	217.2529	2.371941	.4068568	15.61213	.2190841	8.480549

#1	.4422169	-.001718	.0194618	.0444931	-.002377	.1439815	.0069878
#2	.3935002	.006845	.0195456	.0445970	-.001985	.1435565	.0059359
#3	.4635727	.000928	.0203128	.0448465	-.002722	.1441724	.0067792

Sample Name: SOIL MLD#8 Acquired: 11/14/2018 16:57:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0097829	.0007315	.0045609
Stddev	.0012140	.0022300	.0000639
%RSD	12.40889	304.8721	1.401016

#1	.0109612	-.001429	.0044922
#2	.0085362	.003025	.0046185
#3	.0098513	.000599	.0045719

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.234	2434.791	48551.26	4274.790	3682.694
Stddev	8.866	2.766	121.27	14.442	7.120
%RSD	.3994905	.1136138	.2497732	.3378490	.1933263

#1	2227.801	2431.880	48568.59	4271.480	3674.501
#2	2219.805	2437.385	48662.94	4262.290	3687.378
#3	2210.097	2435.107	48422.26	4290.600	3686.203

Sample Name: SOIL MLD#9 Acquired: 11/14/2018 17:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035088	.0122383	.0041510	.0038276	.0162559	.0106040	.0249605
Stddev	.0011468	.0014616	.0016250	.0022679	.0010808	.0044717	.0010049
%RSD	32.68350	11.94295	39.14646	59.25061	6.648737	42.17022	4.025783

#1	.0044282	.0124977	.0042913	.0053152	.0162025	.0077329	.0261087
#2	.0022238	.0135528	.0057012	.0049503	.0173624	.0157562	.0242416
#3	.0038743	.0106643	.0024604	.0012174	.0152027	.0083228	.0245311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015649	.0015968	.5560117	.0025030	.0080005	.0021865	.0091000
Stddev	.0000517	.0000464	.0082465	.0002459	.0004011	.0015603	.0230375
%RSD	3.304909	2.905703	1.483155	9.824429	5.013885	71.35861	253.1589

#1	.0015323	.0016501	.5655307	.0025439	.0075462	.0006902	-.011247
#2	.0015378	.0015749	.5510374	.0027259	.0083059	.0038037	.034114
#3	.0016245	.0015653	.5514670	.0022392	.0081494	.0020656	.004433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064710	.5238082	.0108992	.0027102	.0763913	.0151734	.0108234
Stddev	.0005748	.0291137	.0003981	.0001444	.2237827	.0034605	.0052063
%RSD	8.882541	5.558084	3.652090	5.327853	292.9427	22.80631	48.10277

#1	.0064851	.5448578	.0105271	.0028710	-.085157	.0151109	.0110059
#2	.0070386	.5359835	.0113189	.0026679	-.017492	.0186646	.0055282
#3	.0058893	.4905833	.0108516	.0025917	.331823	.0117445	.0159361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3781076	.0039701	.0219719	.0476962	-.004638	.1541583	.0073034
Stddev	.0686914	.0003166	.0012466	.0002303	.001420	.0006759	.0006672
%RSD	18.16716	7.975180	5.673687	.4829375	30.61198	.4384206	9.135142

#1	.3962149	.0040023	.0211502	.0475590	-.005964	.1537178	.0080365
#2	.3021765	.0042693	.0213593	.0479622	-.003140	.1538207	.0067318
#3	.4359316	.0036386	.0234063	.0475676	-.004810	.1549365	.0071418

Sample Name: SOIL MLD#9 Acquired: 11/14/2018 17:02:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0092935	.0012612	.0049175
Stddev	.0013057	.0009616	.0000974
%RSD	14.04993	76.24399	1.980633

#1	.0106357	.0020967	.0048105
#2	.0080276	.0002101	.0050010
#3	.0092171	.0014770	.0049411

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.910	2445.786	48490.10	4277.637	3711.350
Stddev	12.038	9.453	187.25	6.940	5.651
%RSD	.5434935	.3864963	.3861614	.1622355	.1522564

#1	2216.331	2443.860	48409.84	4279.320	3710.135
#2	2202.224	2456.053	48356.35	4270.010	3717.509
#3	2226.174	2437.444	48704.10	4283.580	3706.406

Sample Name: CCV004 Acquired: 11/14/2018 17:14:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060009	5.031142	25.19295	4.675549	4.975418	418.7630	10.18699
Stddev	.007773	.006074	.01745	.025073	.011615	1.1350	.01697
%RSD	.1536074	.1207325	.0692543	.5362611	.2334421	.2710348	.1665426

#1	5.054150	5.034481	25.19369	4.686774	4.969826	419.9926	10.20654
#2	5.057052	5.034814	25.21001	4.646825	4.967658	418.5410	10.17827
#3	5.068827	5.024130	25.17514	4.693049	4.988771	417.7554	10.17616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047903	2.467991	420.7785	15.43595	2.473425	15.65110	423.2513
Stddev	.0016144	.000823	1.5808	.06013	.002687	.03639	2.4302
%RSD	.3198198	.0333287	.3756927	.3895769	.1086157	.2324867	.5741812

#1	.5042051	2.468941	421.9452	15.45792	2.474300	15.66109	425.6077
#2	.5066158	2.467492	421.4109	15.48200	2.470410	15.68144	423.3927
#3	.5035502	2.467541	418.9793	15.36791	2.475564	15.61076	420.7534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48990	414.7405	2.549562	1.304223	412.1941	2.578244	15.28153
Stddev	.11049	3.0483	.002825	.008719	1.4661	.007367	.09306
%RSD	.7133032	.7349897	.1107953	.6685367	.3556708	.2857280	.6089881

#1	15.60728	417.5607	2.549672	1.306317	413.3338	2.581296	15.36285
#2	15.47452	415.1542	2.552330	1.311705	412.7084	2.583595	15.18004
#3	15.38791	411.5064	2.546684	1.294648	410.5403	2.569842	15.30170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.8156	5.472298	5.047878	4.782912	5.032077	5.088217	5.053932
Stddev	.2819	.009743	.024002	.017133	.023520	.022459	.008643
%RSD	.1786523	.1780352	.4754851	.3582096	.4674002	.4413874	.1710152

#1	157.5856	5.473157	5.053248	4.784147	5.006833	5.092568	5.044744
#2	158.1301	5.462155	5.068741	4.765195	5.036024	5.108181	5.061900
#3	157.7311	5.481583	5.021646	4.799394	5.053374	5.063901	5.055152

Sample Name: CCV004 Acquired: 11/14/2018 17:14:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.080393	5.095149	4.970471
Stddev	.025273	.013240	.013272
%RSD	.4974570	.2598512	.2670134

#1	5.102350	5.110376	4.955470
#2	5.086061	5.088712	4.980687
#3	5.052767	5.086358	4.975256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.118	2021.754	45245.61	4016.919	2867.384
Stddev	5.551	1.620	304.46	18.359	5.561
%RSD	.2887927	.0801431	.6728941	.4570514	.1939424

#1	1923.687	2020.298	45195.02	4017.089	2865.267
#2	1915.951	2023.499	44969.61	3998.474	2863.193
#3	1926.715	2021.464	45572.19	4035.192	2873.693

Sample Name: CCB004 Acquired: 11/14/2018 17:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005652	.0008582	.0002122	-.001029	.0011793	-.004809	-.000867
Stddev	.0024197	.0006446	.0020782	.001804	.0012716	.002869	.001074
%RSD	428.1353	75.11150	979.2501	175.2218	107.8232	59.66753	123.8839

#1	.0019567	.0011229	.0017599	-.001855	-.000272	-.007816	-.001821
#2	-.002229	.0001234	.0010266	-.002272	.001714	-.004510	-.001077
#3	.001968	.0013282	-.002150	.001039	.002096	-.002101	.000297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	.0000722	.0022893	-.000370	-.000097	-.000398	.0166948
Stddev	.000049	.0000471	.0156735	.000533	.000147	.004066	.0091974
%RSD	1141.035	65.17778	684.6292	143.8893	151.4456	1021.571	55.09129

#1	.000018	.0000504	.0102212	-.000106	-.000243	-.002539	.0070699
#2	.000030	.0001262	-.015765	-.000022	.000050	-.002946	.0253948
#3	-.000061	.0000400	.012411	-.000984	-.000098	.004291	.0176196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012062	-.032569	.0000347	.0000997	-.417044	-.000078	-.002800
Stddev	.0011562	.044472	.0002753	.0000748	.312784	.002112	.015080
%RSD	95.85924	136.5456	793.2617	74.96686	75.00017	2707.912	538.5504

#1	.0024154	-.080563	-.000258	.0000476	-.749851	-.001247	.003665
#2	.0010918	-.024387	.000073	.0001854	-.129136	.002361	.007970
#3	.0001114	.007244	.000289	.0000662	-.372146	-.001347	-.020035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334152	-.003791	.0066356	-.000096	-.008838	-.000292	-.001700
Stddev	.0954425	.000567	.0002840	.000258	.002202	.000808	.000759
%RSD	285.6255	14.96373	4.280638	269.6174	24.91698	276.3240	44.63800

#1	.0539848	-.004069	.0065788	.000197	-.011288	-.000422	-.002363
#2	.1168958	-.004165	.0063842	-.000192	-.007024	.000572	-.000872
#3	-.070635	-.003138	.0069438	-.000292	-.008202	-.001027	-.001865

Sample Name: CCB004 Acquired: 11/14/2018 17:18:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002693	.0002304	-.000046
Stddev	.003090	.0019741	.000064
%RSD	114.7443	856.6304	138.9721

#1	-.000910	-.001713	.000011
#2	-.000908	.000171	-.000034
#3	-.006261	.002233	-.000114

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.852	2427.543	48164.24	4249.147	3666.962
Stddev	11.923	4.793	280.39	50.755	6.241
%RSD	.5410105	.1974517	.5821466	1.194468	.1701830

#1	2195.107	2424.884	47974.14	4236.690	3672.254
#2	2217.434	2433.076	48486.25	4205.780	3668.552
#3	2199.017	2424.669	48032.32	4304.970	3660.080

Sample Name: SOIL MLD#10 Acquired: 11/14/2018 17:26:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054399	.0113732	.0041484	.0044411	.0145366	.0252323	.0267132
Stddev	.0012629	.0004755	.0008432	.0023881	.0003775	.0090948	.0004538
%RSD	23.21502	4.180970	20.32699	53.77408	2.596898	36.04427	1.698586

#1	.0068205	.0116128	.0050168	.0047749	.0145329	.0228963	.0267929
#2	.0051561	.0116813	.0040955	.0019036	.0149159	.0352673	.0262249
#3	.0043430	.0108255	.0033328	.0066447	.0141609	.0175334	.0271218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015844	.0016252	.5619883	.0027145	.0080216	.0055766	.0261589
Stddev	.0000144	.0000467	.0221476	.0001638	.0000840	.0015147	.0142468
%RSD	.9090873	2.876743	3.940929	6.033811	1.046939	27.16211	54.46282

#1	.0015822	.0016267	.5698040	.0027873	.0079914	.0072710	.0407650
#2	.0015711	.0016712	.5369926	.0028293	.0081165	.0051051	.0123008
#3	.0015997	.0015778	.5791684	.0025269	.0079568	.0043538	.0254107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062458	.5363902	.0116587	.0021889	.3540956	.0136844	.0150625
Stddev	.0025339	.0763237	.0001717	.0001633	.2684458	.0014486	.0048966
%RSD	40.57008	14.22913	1.472693	7.461549	75.81167	10.58541	32.50889

#1	.0059356	.4664926	.0114624	.0020847	.6166885	.0134120	.0202348
#2	.0038813	.5248520	.0117807	.0021050	.3654418	.0152498	.0104983
#3	.0089206	.6178260	.0117331	.0023772	.0801566	.0123913	.0144544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4153345	.0018763	.0256432	.0486523	-.001647	.1586339	.0073026
Stddev	.0162370	.0008789	.0012695	.0003266	.002833	.0023896	.0005550
%RSD	3.909372	46.84023	4.950654	.6712566	171.9660	1.506381	7.600042

#1	.4309650	.0024509	.0265337	.0489577	.000630	.1569892	.0073155
#2	.3985524	.0023133	.0262064	.0483080	-.000752	.1613750	.0078510
#3	.4164861	.0008646	.0241896	.0486912	-.004819	.1575377	.0067413

Sample Name: SOIL MLD#10 Acquired: 11/14/2018 17:26:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0088775	.0034195	.0050931
Stddev	.0018311	.0012791	.0000636
%RSD	20.62697	37.40555	1.249048

#1	.0072237	.0044745	.0050399
#2	.0085633	.0037873	.0051636
#3	.0108454	.0019969	.0050757

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.851	2425.811	48009.15	4234.933	3675.871
Stddev	8.338	4.886	64.95	30.067	4.555
%RSD	.3804081	.2014359	.1352861	.7099688	.1239274

#1	2199.320	2421.077	47946.12	4253.160	3675.358
#2	2193.377	2425.519	48075.86	4200.230	3671.594
#3	2182.855	2430.837	48005.45	4251.410	3680.661

Sample Name: SOIL MLD#11 Acquired: 11/14/2018 17:39:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039620	.0090245	.0035225	.0051701	.0124462	.0211686	.0225401
Stddev	.0012254	.0012210	.0002485	.0017475	.0006870	.0006239	.0007609
%RSD	30.92902	13.52965	7.055487	33.79937	5.519744	2.947083	3.375573

#1	.0029177	.0097520	.0032950	.0070783	.0132329	.0218775	.0217745
#2	.0036572	.0097067	.0037877	.0036480	.0121406	.0209249	.0232961
#3	.0053110	.0076149	.0034848	.0047841	.0119650	.0207034	.0225499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013600	.0013256	.5136855	.0022856	.0071196	.0036716	.0235007
Stddev	.0000644	.0000339	.0117455	.0004131	.0002503	.0095195	.0325354
%RSD	4.733040	2.560065	2.286522	18.07237	3.516282	259.2748	138.4443

#1	.0012921	.0012965	.5214848	.0018259	.0070553	.0139601	.0433687
#2	.0013677	.0013173	.5193950	.0026254	.0069076	.0018788	-.014047
#3	.0014202	.0013629	.5001767	.0024056	.0073958	-.004824	.041180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046135	.4113355	.0098463	.0024107	.2304423	.0051973	.0086252
Stddev	.0013423	.0617908	.0002751	.0008591	.2385693	.0028589	.0066100
%RSD	29.09479	15.02200	2.793881	35.63660	103.5267	55.00771	76.63536

#1	.0053233	.4468700	.0096534	.0014215	.4961093	.0021006	.0105221
#2	.0030654	.3399858	.0097242	.0028415	.0345129	.0077363	.0012742
#3	.0054519	.4471507	.0101613	.0029692	.1607046	.0057551	.0140794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3612855	.0013471	.0191935	.0412101	-.001315	.1352353	.0060218
Stddev	.0225261	.0031141	.0018955	.0001355	.004893	.0009489	.0012938
%RSD	6.234981	231.1705	9.875873	.3289295	372.2024	.7016807	21.48577

#1	.3758929	.0001686	.0188096	.0412437	.004295	.1347250	.0066232
#2	.3353433	-.001006	.0212515	.0410610	-.003539	.1346507	.0069056
#3	.3726202	.004878	.0175192	.0413258	-.004700	.1363302	.0045368

Sample Name: SOIL MLD#11 Acquired: 11/14/2018 17:39:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0085406	.0018435	.0042247
Stddev	.0015994	.0026251	.0000430
%RSD	18.72632	142.3947	1.018089

#1	.0080773	-.001034	.0042168
#2	.0072241	.004108	.0042712
#3	.0103205	.002456	.0041862

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.415	2440.126	48565.83	4253.960	3705.044
Stddev	12.639	9.173	251.35	19.668	11.045
%RSD	.5676881	.3759285	.5175353	.4623376	.2981022

#1	2214.560	2446.009	48289.50	4272.790	3706.378
#2	2224.970	2444.814	48627.12	4233.550	3715.362
#3	2239.714	2429.557	48780.86	4255.540	3693.393

Sample Name: SOIL MLD#12 Acquired: 11/14/2018 17:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033179	.0119225	.0021118	.0037887	.0145730	.0208116	.0262402
Stddev	.0021614	.0002982	.0007631	.0043397	.0010968	.0158699	.0005776
%RSD	65.14385	2.501480	36.13607	114.5431	7.526141	76.25491	2.201227

#1	.0038315	.0122106	.0022039	.0053930	.0158365	.0388971	.0260445
#2	.0051763	.0119419	.0028246	-.001125	.0138666	.0143259	.0257859
#3	.0009460	.0116151	.0013068	.007098	.0140158	.0092118	.0268903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015845	.0016197	.5559692	.0026298	.0081564	.0039023	.0242381
Stddev	.0000369	.0000437	.0324686	.0004261	.0002929	.0016377	.0159578
%RSD	2.330445	2.698412	5.839996	16.20242	3.590679	41.96819	65.83760

#1	.0016266	.0015703	.5708422	.0031113	.0078367	.0057231	.0344988
#2	.0015575	.0016354	.5187283	.0023017	.0084119	.0025496	.0323627
#3	.0015694	.0016534	.5783371	.0024763	.0082205	.0034342	.0058530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066972	.4833866	.0111344	.0027454	.1022945	.0137862	.0056022
Stddev	.0012402	.0975988	.0004678	.0007412	.1512333	.0026988	.0141491
%RSD	18.51817	20.19062	4.201250	26.99680	147.8411	19.57643	252.5627

#1	.0080633	.5319954	.0106554	.0027789	.0537105	.0165303	-.008062
#2	.0056420	.5471357	.0111577	.0019881	-.018676	.0111350	.020191
#3	.0063865	.3710288	.0115901	.0034693	.271849	.0136932	.004678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4100227	.0019241	.0222796	.0483132	-.002441	.1535265	.0084053
Stddev	.0587684	.0020974	.0005365	.0001227	.002345	.0017770	.0006009
%RSD	14.33295	109.0078	2.408012	.2538764	96.10043	1.157480	7.148636

#1	.4386919	.0018229	.0228606	.0482112	-.002995	.1522886	.0078380
#2	.4489542	-.000121	.0221755	.0482791	-.004460	.1555627	.0090349
#3	.3424220	.004070	.0218029	.0484493	.000132	.1527282	.0083431

Sample Name: SOIL MLD#12 Acquired: 11/14/2018 17:45:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0080921	.0007899	.0050684
Stddev	.0003784	.0004218	.0000780
%RSD	4.675962	53.39765	1.539138

#1	.0076922	.0003389	.0049957
#2	.0084444	.0011747	.0051508
#3	.0081397	.0008561	.0050587

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.376	2413.657	48190.81	4222.153	3666.908
Stddev	8.445	10.612	69.79	30.763	12.272
%RSD	.3844947	.4396743	.1448109	.7286129	.3346616

#1	2186.775	2402.189	48142.62	4206.140	3652.770
#2	2202.653	2415.654	48158.98	4202.700	3674.806
#3	2199.701	2423.129	48270.84	4257.620	3673.148

Sample Name: SOIL MLD#13 Acquired: 11/14/2018 17:54:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049407	.0110351	.0026278	.0028754	.0141826	.0282050	.0242358
Stddev	.0014835	.0001975	.0004143	.0017149	.0005510	.0161789	.0009086
%RSD	30.02713	1.790068	15.76455	59.64074	3.885302	57.36182	3.748792

#1	.0032443	.0109262	.0025250	.0037511	.0137760	.0468839	.0242578
#2	.0059954	.0112631	.0030838	.0039757	.0139621	.0191486	.0233164
#3	.0055823	.0109159	.0022746	.0008994	.0148097	.0185824	.0251332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014790	.0014980	.5373432	.0023596	.0075380	.0040912	-.001435
Stddev	.0000510	.0000921	.0596223	.0004010	.0003097	.0015504	.004311
%RSD	3.448849	6.146509	11.09575	16.99489	4.108760	37.89677	300.5231

#1	.0014574	.0015041	.5963822	.0019091	.0074841	.0058562	-.000264
#2	.0014424	.0015869	.5384931	.0026776	.0078711	.0029495	-.006210
#3	.0015373	.0014031	.4771543	.0024919	.0072587	.0034677	.002171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050336	.4458017	.0107719	.0020216	.2581358	.0124558	.0114549
Stddev	.0006622	.0389915	.0003650	.0002881	.1367677	.0045818	.0140413
%RSD	13.15503	8.746378	3.388121	14.25266	52.98288	36.78428	122.5786

#1	.0046952	.4380107	.0104430	.0018061	.1298274	.0141216	.0167569
#2	.0046091	.4112939	.0107083	.0023489	.4020279	.0072742	.0220733
#3	.0057966	.4881004	.0111645	.0019098	.2425520	.0159717	-.004465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3600660	.0041792	.0202688	.0451342	-.003318	.1434126	.0069341
Stddev	.0245797	.0010361	.0009493	.0007086	.002733	.0011356	.0007616
%RSD	6.826430	24.79202	4.683727	1.570072	82.35703	.7918291	10.98335

#1	.3799260	.0040006	.0202733	.0454146	-.004127	.1423470	.0068727
#2	.3676958	.0032440	.0193172	.0456598	-.000272	.1432836	.0077245
#3	.3325763	.0052930	.0212158	.0443283	-.005555	.1446072	.0062051

Sample Name: SOIL MLD#13 Acquired: 11/14/2018 17:54:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109908	.0006705	.0046728
Stddev	.0004694	.0006430	.0001089
%RSD	4.271044	95.89365	2.330609

#1	.0115327	-.000069	.0045472
#2	.0107310	.001096	.0047412
#3	.0107087	.000985	.0047300

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.613	2425.556	48098.26	4249.223	3685.323
Stddev	9.748	16.316	180.46	4.715	21.513
%RSD	.4437851	.6726634	.3751924	.1109660	.5837515

#1	2185.590	2415.438	47897.32	4246.250	3670.665
#2	2200.150	2416.852	48150.95	4254.660	3675.284
#3	2204.099	2444.378	48246.51	4246.760	3710.021

Sample Name: SOIL MLD#14 Acquired: 11/14/2018 17:59:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043624	.0115599	.0022109	.0021745	.0145608	.0310822	.0257817
Stddev	.0002887	.0012734	.0021184	.0008497	.0010062	.0047367	.0013486
%RSD	6.617928	11.01534	95.81264	39.07776	6.910566	15.23911	5.230687

#1	.0046541	.0101485	.0046553	.0015032	.0144831	.0316166	.0270593
#2	.0043564	.0119087	.0009104	.0031298	.0156036	.0355290	.0243719
#3	.0040768	.0126226	.0010671	.0018903	.0135956	.0261010	.0259139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014646	.0014638	.5248437	.0025977	.0075893	.0035663	.0335326
Stddev	.0000860	.0000166	.0256277	.0000455	.0001711	.0035143	.0135100
%RSD	5.868616	1.135923	4.882917	1.750105	2.254429	98.54085	40.28898

#1	.0014801	.0014818	.5313974	.0026501	.0077827	.0072806	.0193075
#2	.0015417	.0014608	.4965755	.0025753	.0075276	.0031246	.0461907
#3	.0013719	.0014489	.5465581	.0025679	.0074576	.0002938	.0350997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061765	.5354640	.0108677	.0019110	.0036021	.0119523	.0080719
Stddev	.0010597	.0341731	.0001792	.0002318	.1275525	.0052610	.0096624
%RSD	17.15645	6.381951	1.648673	12.13007	3541.036	44.01644	119.7038

#1	.0055126	.5699626	.0106608	.0021055	-.141060	.0064454	.0137171
#2	.0073986	.5348034	.0109702	.0019731	.051971	.0124846	.0135836
#3	.0056184	.5016261	.0109721	.0016545	.099896	.0169268	-.003085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3417230	.0032936	.0205894	.0453673	-.003453	.1450874	.0071048
Stddev	.0435940	.0004062	.0004236	.0003832	.001319	.0018951	.0004639
%RSD	12.75711	12.33279	2.057582	.8445534	38.19552	1.306149	6.528918

#1	.3584579	.0028695	.0206059	.0457491	-.004182	.1472613	.0069483
#2	.3744698	.0033321	.0210046	.0449828	-.004247	.1442168	.0076267
#3	.2922411	.0036791	.0201578	.0453701	-.001931	.1437840	.0067395

Sample Name: SOIL MLD#14 Acquired: 11/14/2018 17:59:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0082288	.0007360	.0047983
Stddev	.0024558	.0003763	.0000773
%RSD	29.84384	51.12359	1.610607

#1	.0098374	.0008416	.0048641
#2	.0094470	.0010482	.0048175
#3	.0054021	.0003182	.0047132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.553	2420.052	48316.38	4232.383	3684.057
Stddev	10.147	7.092	208.85	21.508	9.186
%RSD	.4596340	.2930652	.4322648	.5081787	.2493341

#1	2219.143	2415.678	48556.62	4215.280	3674.657
#2	2200.275	2416.243	48214.50	4225.340	3684.502
#3	2203.240	2428.235	48178.02	4256.530	3693.012

Sample Name: CCV005 Acquired: 11/14/2018 18:04:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059583	5.010181	25.22191	4.665226	4.978808	409.0229	10.06394
Stddev	.029535	.033274	.17512	.030187	.035248	1.8191	.01247
%RSD	.5837462	.6641281	.6943018	.6470728	.7079598	.4447501	.1238682

#1	5.031631	4.983208	25.02172	4.633540	4.939853	406.9396	10.07821
#2	5.056637	4.999972	25.29736	4.668487	4.988072	409.8314	10.05518
#3	5.090481	5.047364	25.34665	4.693650	5.008498	410.2976	10.05843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047828	2.467803	419.9135	15.30580	2.477942	15.51814	415.8502
Stddev	.0058638	.016313	4.6230	.02377	.016145	.00834	3.8703
%RSD	1.161656	.6610133	1.100948	.1552836	.6515505	.0537630	.9306965

#1	.4980131	2.449393	414.5883	15.27866	2.459471	15.50900	411.3922
#2	.5082802	2.473561	422.2539	15.32288	2.484990	15.52008	417.8075
#3	.5080553	2.480456	422.8983	15.31586	2.489365	15.52534	418.3510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48866	413.6959	2.541153	1.307601	403.3653	2.566515	15.15503
Stddev	.20539	3.8893	.015741	.003902	1.7699	.031234	.10355
%RSD	1.326048	.9401464	.6194544	.2983956	.4387728	1.216973	.6832976

#1	15.25208	409.2686	2.523906	1.311735	401.3544	2.530658	15.04030
#2	15.59266	415.2567	2.544806	1.303982	404.0549	2.581093	15.18321
#3	15.62125	416.5624	2.554746	1.307087	404.6865	2.587795	15.24158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.1808	5.494676	5.059334	4.791509	4.999200	5.080094	5.054949
Stddev	.2418	.027332	.043654	.024901	.022285	.042664	.030925
%RSD	.1548109	.4974249	.8628465	.5196937	.4457715	.8398246	.6117796

#1	155.9038	5.466244	5.009749	4.764223	4.974776	5.030997	5.021804
#2	156.3493	5.497028	5.076273	4.797299	5.004395	5.101129	5.060013
#3	156.2893	5.520755	5.091981	4.813005	5.018428	5.108156	5.083030

Sample Name: CCV005 Acquired: 11/14/2018 18:04:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.058690	5.033491	4.924979
Stddev	.023657	.008757	.006588
%RSD	.4676450	.1739832	.1337633

#1	5.031463	5.034086	4.927141
#2	5.070391	5.024451	4.930213
#3	5.074216	5.041936	4.917581

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.765	2018.981	45820.10	4054.775	2876.093
Stddev	7.868	10.171	148.10	31.014	14.674
%RSD	.4045633	.5037714	.3232247	.7648767	.5102213

#1	1949.716	2030.718	45714.26	4090.437	2893.038
#2	1948.887	2013.473	45989.35	4039.778	2867.531
#3	1935.693	2012.752	45756.68	4034.110	2867.711

Sample Name: CCB005 Acquired: 11/14/2018 18:08:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023952	.0014187	.0021247	.0006467	.0013462	-.001604	.0003297
Stddev	.0012403	.0007104	.0009034	.0008630	.0006450	.005449	.0013860
%RSD	51.78251	50.07156	42.51854	133.4449	47.91089	339.7995	420.3393

#1	.0037977	.0020721	.0021330	.0015969	.0006038	.002701	.0004194
#2	.0014427	.0006626	.0012172	.0004319	.0016666	-.007731	-.001099
#3	.0019452	.0015215	.0030238	-.000089	.0017682	.000219	.001669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0000866	-.004657	.0000709	-.000155	.0002297	-.005538
Stddev	.000090	.0000825	.031757	.0003018	.000216	.0040880	.021478
%RSD	286.2109	95.21892	681.9537	425.5168	139.3245	1779.728	387.8231

#1	-.000095	.0001801	-.018605	.0004087	-.000239	-.004089	-.029517
#2	-.000071	.0000238	.031687	-.000172	-.000317	.004040	.000966
#3	.000072	.0000560	-.027053	-.000024	.000090	.000738	.011936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000967	-.011189	.0001087	-.000196	-.428614	.0044533	.0138280
Stddev	.001296	.102426	.0003495	.000188	.171950	.0048880	.0087575
%RSD	134.0185	915.4140	321.4661	95.54756	40.11773	109.7599	63.33130

#1	-.000791	.092040	.0004962	-.000398	-.239670	-.000474	.0186373
#2	.000232	-.012814	.0000128	-.000027	-.575925	.004534	.0037197
#3	-.002343	-.112793	-.000183	-.000164	-.470247	.009300	.0191270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773108	-.002503	.0056073	-.000224	-.006666	-.000348	-.001427
Stddev	.0609896	.000133	.0004678	.000112	.001663	.000037	.000834
%RSD	78.88883	5.296265	8.342286	50.12215	24.95100	10.64437	58.42597

#1	.0912132	-.002352	.0061245	-.000140	-.005774	-.000313	-.000604
#2	.0105702	-.002555	.0054839	-.000352	-.005639	-.000387	-.002271
#3	.1301489	-.002602	.0052137	-.000181	-.008585	-.000344	-.001407

Sample Name: CCB005 Acquired: 11/14/2018 18:08:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v715) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002294	-.001177	-.000051
Stddev	.001788	.000645	.000024
%RSD	77.97130	54.73672	47.17247

#1	-.003427	-.001921	-.000056
#2	-.000232	-.000775	-.000025
#3	-.003222	-.000836	-.000072

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.465	2440.056	48406.04	4207.513	3706.237
Stddev	28.004	3.164	344.10	3.249	3.576
%RSD	1.264608	.1296685	.7108629	.0772253	.0964939

#1	2205.681	2440.173	48174.36	4206.800	3702.267
#2	2191.905	2436.835	48242.34	4211.060	3707.240
#3	2245.807	2443.159	48801.43	4204.680	3709.206