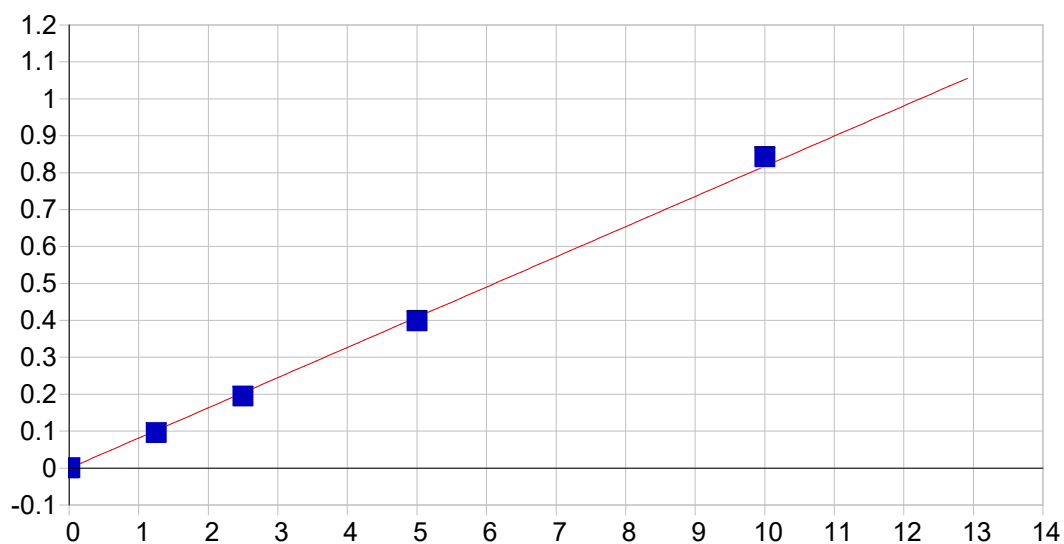


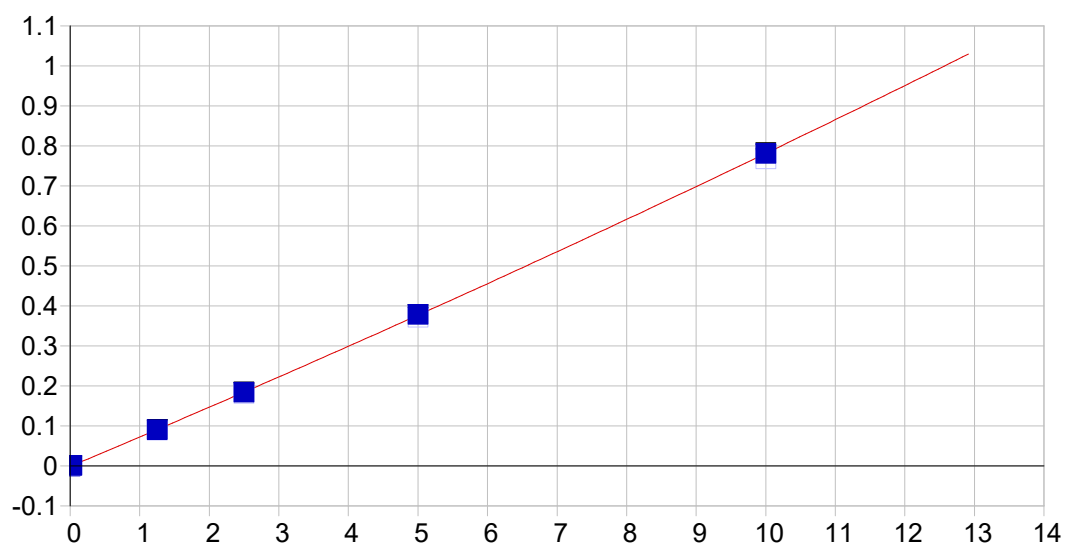


As 189.042 {479}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000409	Re-Slope:	1.000000
A1 (Gain):	0.081781	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999414	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.002720		
Predicted MQL:	0.009066		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.01000	.01067	.001	6.75	.00046	.000	1
S2	1.2500	1.1810	-.069	-5.52	.09581	.000	1
S3	2.5000	2.3826	-.117	-4.69	.19372	.000	1
S4	5.0000	4.8776	-.122	-2.45	.39702	.002	1
S5	10.000	10.308	.308	3.08	.83968	.001	1

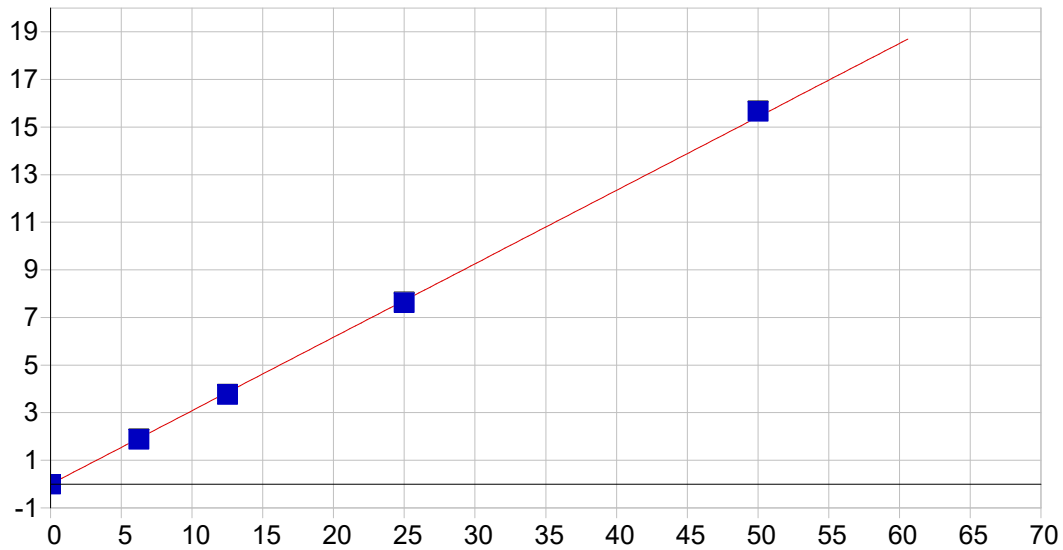


TI 190.856 {477}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001040 Re-Slope: 1.000000
 A1 (Gain): 0.072890 Y-int: 0.000000
 A2 (Curvature): 0.000535
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: Warning Positive Curvature
 Std Error of Est: 0.000006
 Predicted MDL: 0.003211
 Predicted MQL: 0.010704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00104	.000	1
S1	.02500	.02398	-.001	-4.10	.00063	.000	1
S2	1.2500	1.2450	-.005	-.401	.08886	.001	1
S3	2.5000	2.4949	-.005	-.203	.18079	.001	1
S4	5.0000	5.0175	.018	.350	.37145	.001	1
S5	10.000	9.9935	-.006	-.065	.76743	.002	1

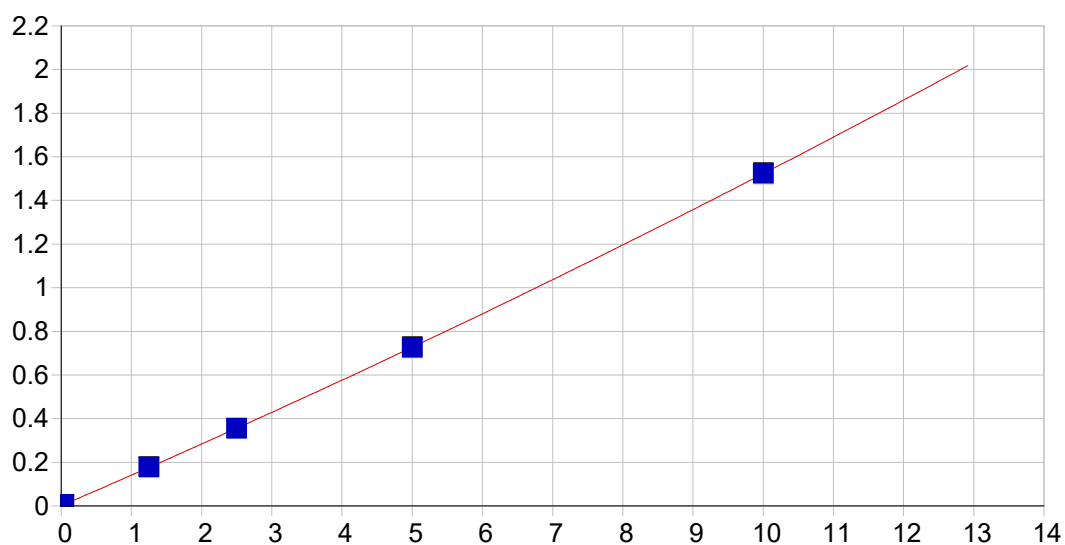


Pb 220.353 {453}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000971 Re-Slope: 1.000000
 A1 (Gain): 0.308553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.001953
 Predicted MQL: 0.006510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01125	.001	12.5	.00250	.000	1
S2	6.2500	6.1008	-.149	-2.39	1.8818	.003	1
S3	12.500	12.204	-.296	-2.37	3.7654	.005	1
S4	25.000	24.704	-.296	-1.18	7.6231	.024	1
S5	50.000	50.740	.740	1.48	15.658	.018	1

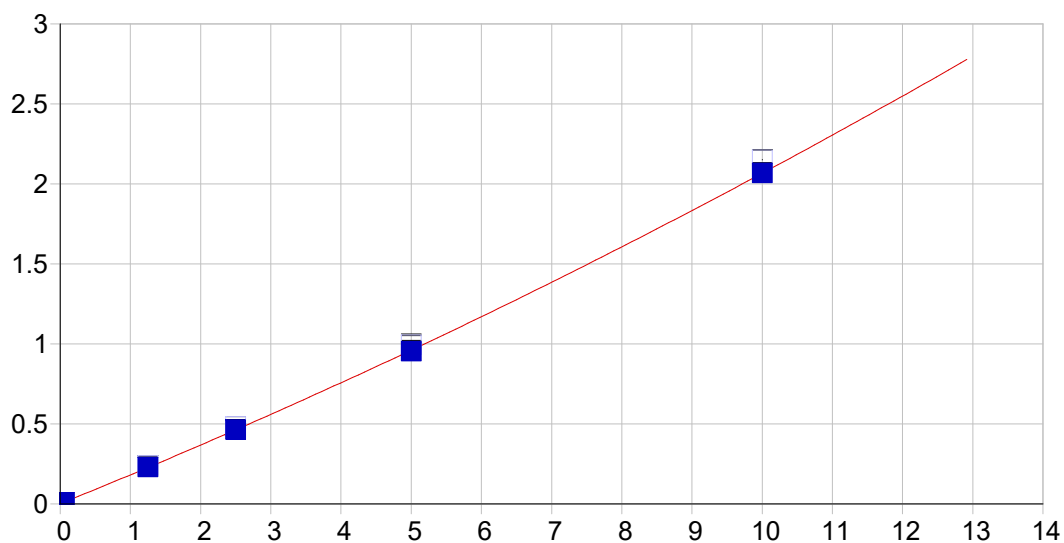


Se 196.090 {472}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001317	Re-Slope:	1.000000
A1 (Gain):	0.138213	Y-int:	0.000000
A2 (Curvature):	0.001390		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	Warning Positive Curvature
Std Error of Est:	0.000012		
Predicted MDL:	0.002117		
Predicted MQL:	0.007056		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00132	.000	1
S1	.03500	.03471	-.000	-.821	.00612	.000	1
S2	1.2500	1.2588	.009	.708	.17705	.001	1
S3	2.5000	2.4986	-.001	-.056	.35443	.001	1
S4	5.0000	4.9881	-.012	-.238	.72351	.003	1
S5	10.000	10.005	.005	.048	1.5196	.004	1

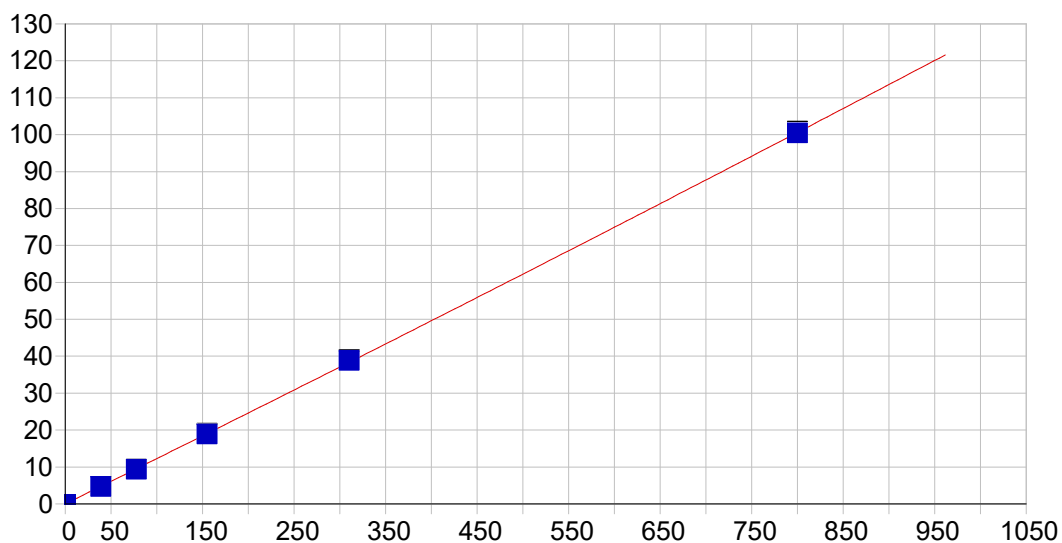


Sb 206.833 {463}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.001231	Re-Slope:	1.000000
A1 (Gain):	0.177290	Y-int:	0.000000
A2 (Curvature):	0.002920		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	Warning Positive Curvature
Std Error of Est:	0.000045		
Predicted MDL:	0.001899		
Predicted MQL:	0.006330		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00123	.000	1
S1	.06000	.06163	.002	2.72	.01218	.000	1
S2	1.2500	1.2629	.013	1.03	.23998	.000	1
S3	2.5000	2.5073	.007	.294	.48452	.000	1
S4	5.0000	4.9670	-.033	-.661	.99466	.005	1
S5	10.000	10.012	.012	.117	2.1505	.001	1

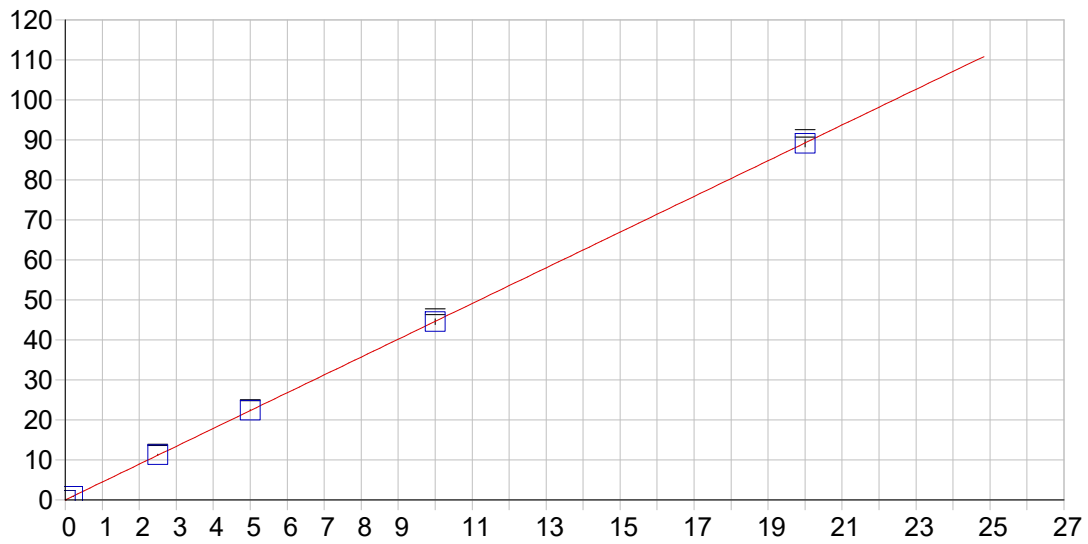


AI 396.152 { 85}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.006802 Re-Slope: 1.000000
 A1 (Gain): 0.122240 Y-int: 0.000000
 A2 (Curvature): 0.000004
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: Warning Positive Curvature
 Std Error of Est: 0.000708
 Predicted MDL: 0.010244
 Predicted MQL: 0.034145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00680	.001	1
S1	.20000	.19934	-.001	-.328	.03159	.000	1
S2	38.750	38.122	-.628	-1.62	4.6827	.031	1
S3	77.500	76.246	-1.25	-1.62	9.3716	.013	1
S4	155.00	153.99	-1.01	-.654	18.972	.152	1
S5	310.00	314.09	4.09	1.32	38.911	.197	1
S6	800.00	798.80	-1.20	-.150	100.52	.461	1

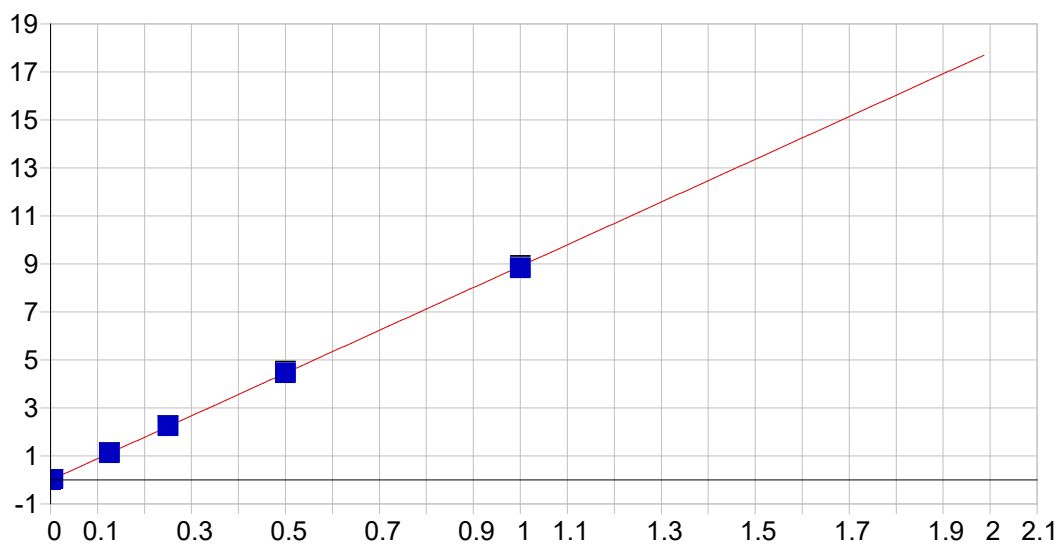


Ba 493.409 { 68}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008291 Re-Slope: 1.000000
 A1 (Gain): 4.462678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.001848
 Predicted MDL: 0.000591
 Predicted MQL: 0.001969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00830	.002	1
S1	.20000	.19567	-.004	-2.17	.88150	.005	1
S2	2.5000	2.5290	.029	1.16	11.294	.179	1
S3	5.0000	5.0194	.019	.388	22.408	.122	1
S4	10.000	9.9821	-.018	-.179	44.555	.716	1
S5	20.000	19.974	-.026	-.131	89.145	.922	1

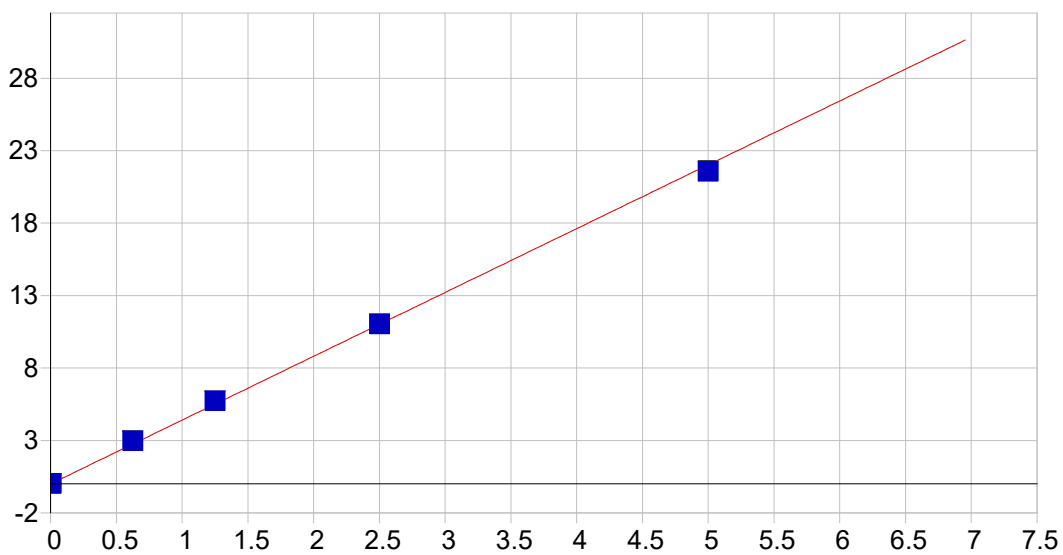


Be 234.861 {144}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003184	Re-Slope:	1.000000
A1 (Gain):	8.907475	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.000064		
Predicted MQL:	0.000215		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00318	.000	1
S1	.00500	.00478	-.000	-4.49	.03933	.000	1
S2	.12500	.12694	.002	1.55	1.1238	.012	1
S3	.25000	.25272	.003	1.09	2.2405	.018	1
S4	.50000	.50209	.002	.418	4.4544	.067	1
S5	1.0000	.99348	-.007	-.652	8.8166	.089	1

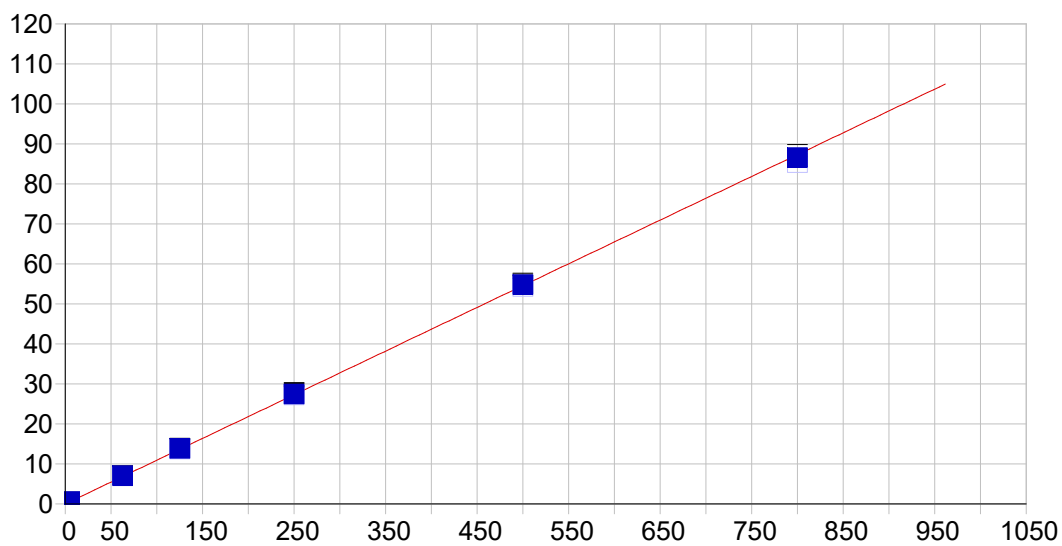


Cd 214.438 {457}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000142	Re-Slope:	1.000000
A1 (Gain):	4.405726	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999563	Status:	OK.
Std Error of Est:	0.001094		
Predicted MDL:	0.000098		
Predicted MQL:	0.000328		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.00500	.00530	.000	5.96	.02321	.000	1
S2	.62500	.67396	.049	7.83	2.9734	.003	1
S3	1.2500	1.3014	.051	4.11	5.7420	.003	1
S4	2.5000	2.5055	.005	.218	11.055	.030	1
S5	5.0000	4.8939	-.106	-2.12	21.595	.028	1

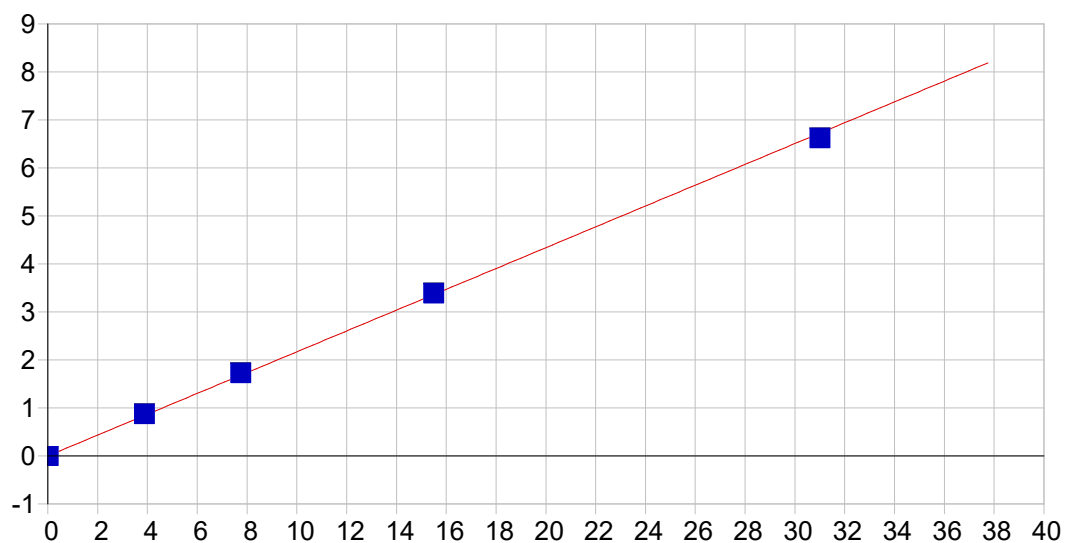


Ca 373.690 { 90}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001247 Re-Slope: 1.000000
 A1 (Gain): 0.109153 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.003597
 Predicted MDL: 0.011237
 Predicted MQL: 0.037458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	.00123	.001	1
S1	5.0000	4.9647	-.035	-.706	.54300	.003	1
S2	62.500	64.326	1.83	2.92	6.9616	.106	1
S3	125.00	126.73	1.73	1.38	13.712	.061	1
S4	250.00	251.22	1.22	.486	27.178	.382	1
S5	500.00	502.25	2.25	.451	54.336	.350	1
S6	800.00	792.97	-7.03	-.879	85.255	.822	1

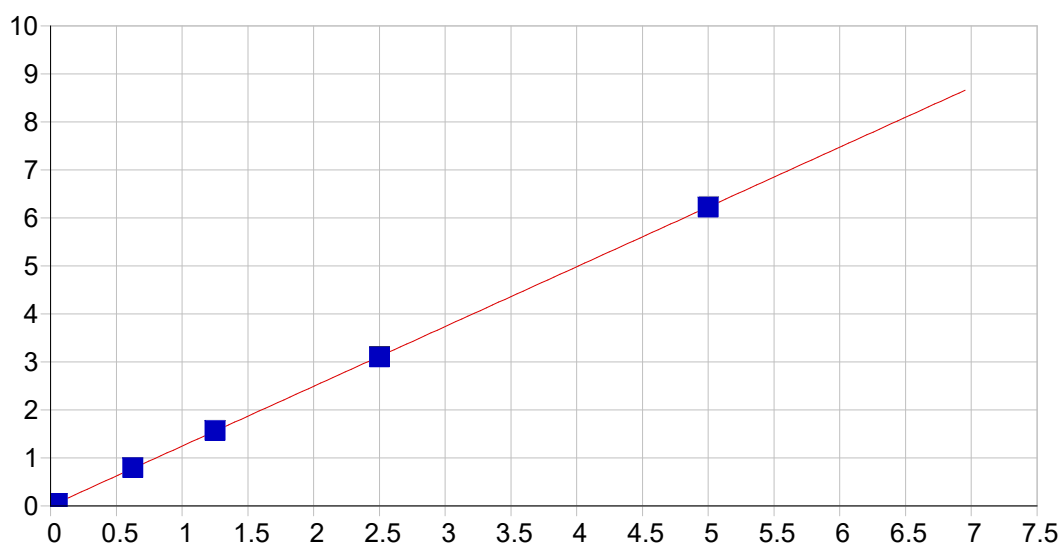


Cr 267.716 {126}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.216916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.000588
 Predicted MQL: 0.001960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01000	.01068	.001	6.81	.00224	.000	1
S2	3.8750	4.0309	.156	4.02	.87534	.001	1
S3	7.7500	7.9545	.205	2.64	1.7275	.004	1
S4	15.500	15.615	.115	.745	3.3914	.004	1
S5	31.000	30.523	-.477	-1.54	6.6293	.003	1

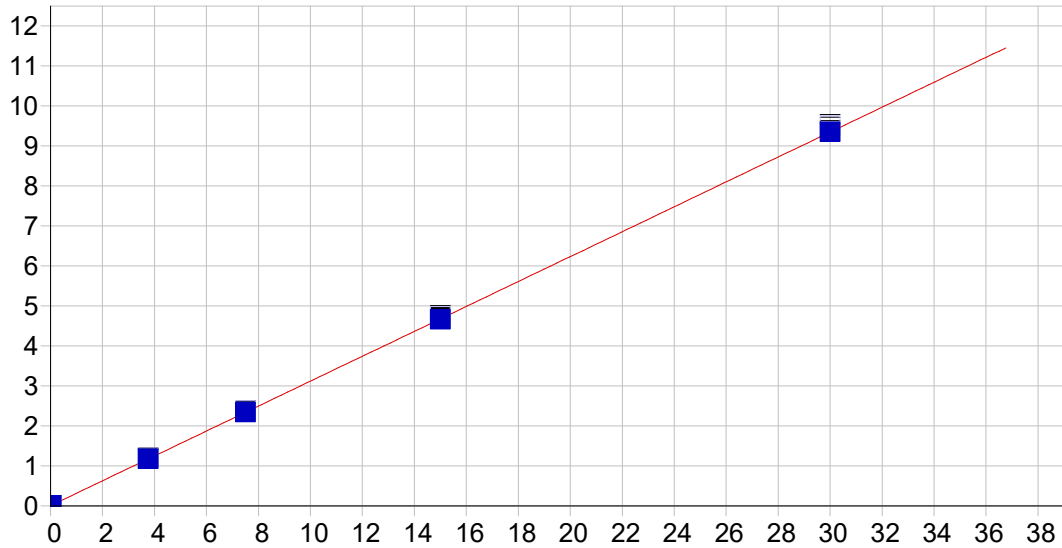


Co 228.616 {448}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000469 Re-Slope: 1.000000
 A1 (Gain): 1.245584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.000328
 Predicted MQL: 0.001092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.04949	-.001	-1.02	.06233	.000	1
S2	.62500	.63562	.011	1.70	.79342	.001	1
S3	1.2500	1.2581	.008	.650	1.5700	.003	1
S4	2.5000	2.4865	-.014	-.541	3.1025	.011	1
S5	5.0000	4.9953	-.005	-.094	6.2324	.007	1

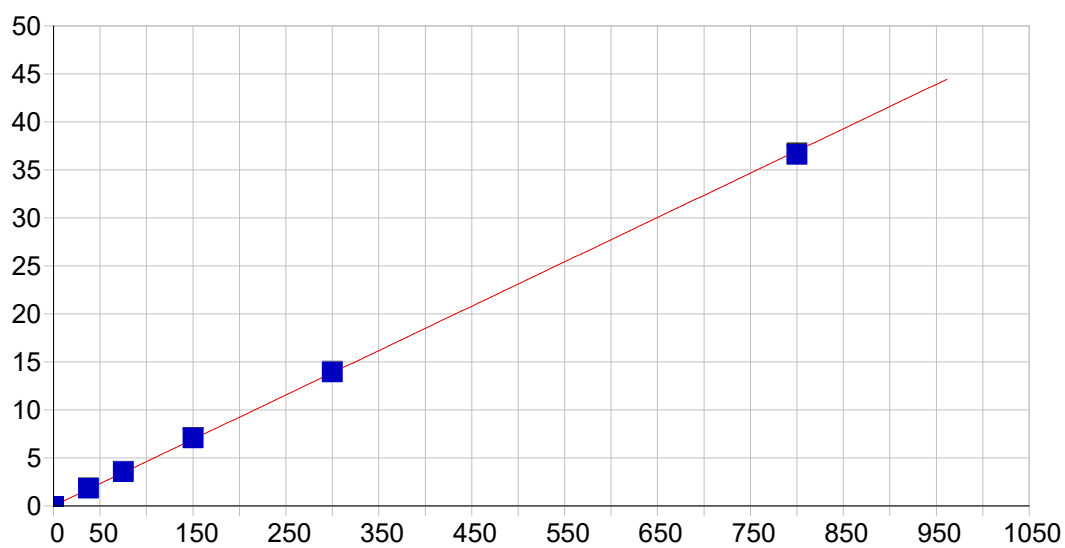


Cu 324.754 {104}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004932 Re-Slope: 1.000000
 A1 (Gain): 0.311438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.002539
 Predicted MQL: 0.008465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00493	.000	1
S1	.02500	.02194	-.003	-12.3	.01332	.000	1
S2	3.7500	3.7678	.018	.473	1.1971	.002	1
S3	7.5000	7.5125	.013	.167	2.3821	.006	1
S4	15.000	14.955	-.045	-.299	4.7375	.026	1
S5	30.000	30.018	.018	.060	9.5036	.033	1

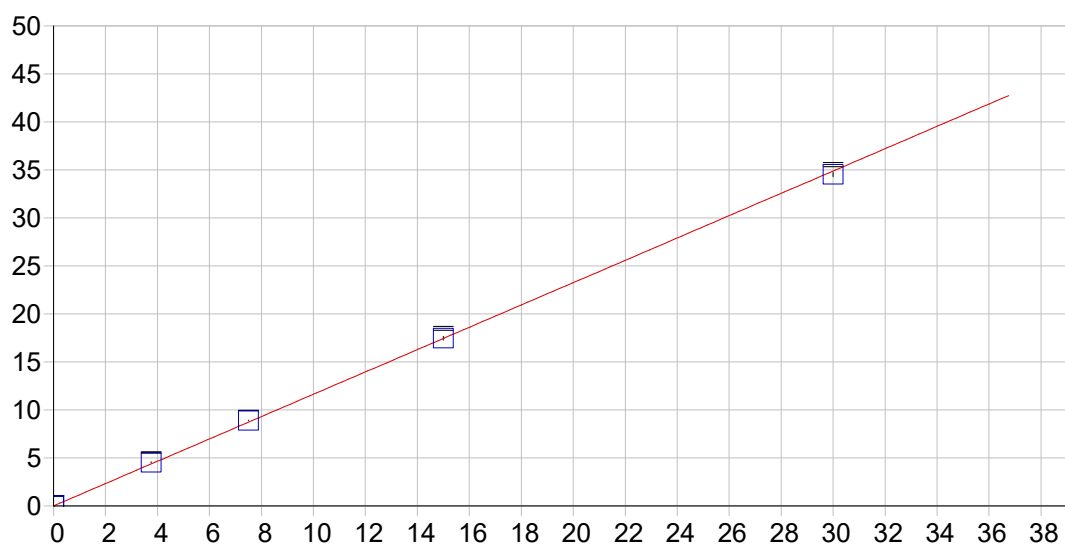


Fe 259.837 {130}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000924	Re-Slope:	1.000000
A1 (Gain):	0.046222	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000313		
Predicted MDL:	0.008842		
Predicted MQL:	0.029473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00092	.000	1
S1	.10000	.10127	.001	1.27	.00580	.000	1
S2	37.500	39.497	2.00	5.33	1.8302	.021	1
S3	75.000	77.470	2.47	3.29	3.5889	.011	1
S4	150.00	152.64	2.64	1.76	7.0706	.073	1
S5	300.00	301.29	1.29	.429	13.956	.072	1
S6	800.00	791.60	-8.40	-1.05	36.636	.117	1

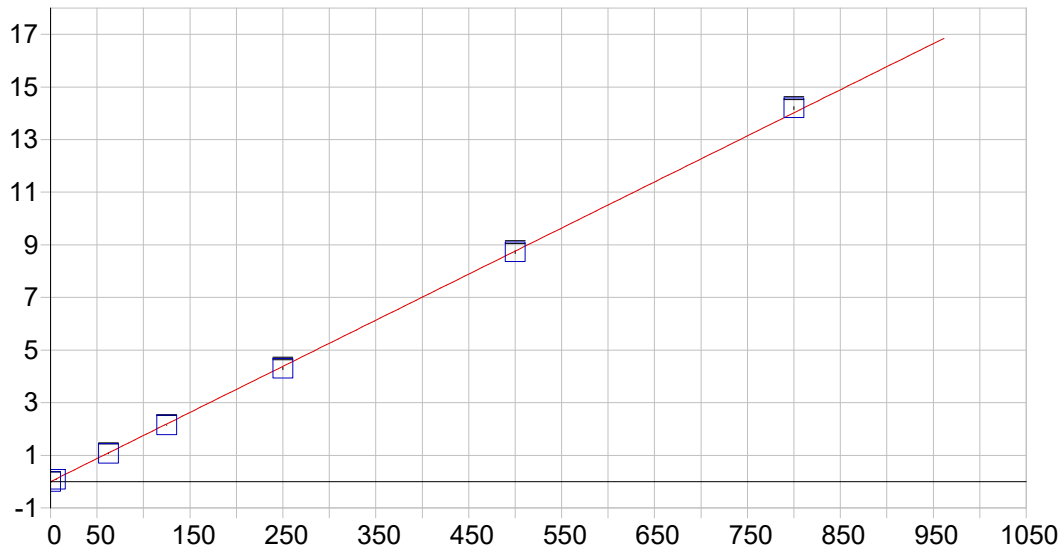


Mn 257.610 {131}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001122 Re-Slope: 1.000000
 A1 (Gain): 1.162825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.000616
 Predicted MDL: 0.000374
 Predicted MQL: 0.001248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00112	.000	1
S1	.01500	.01601	.001	6.75	.01974	.000	1
S2	3.7500	3.9048	.155	4.13	4.5417	.059	1
S3	7.5000	7.6427	.143	1.90	8.8883	.030	1
S4	15.000	15.017	.017	.111	17.463	.204	1
S5	30.000	29.685	-.315	-1.05	34.519	.227	1

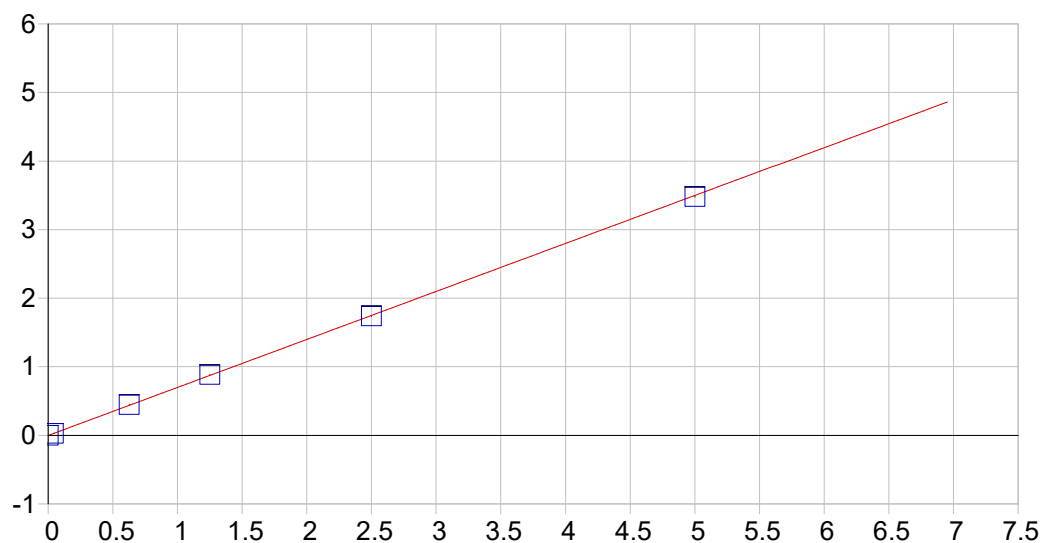


Mg 279.079 {121}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000235 Re-Slope: 1.000000
 A1 (Gain): 0.017525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000811
 Predicted MDL: 0.026281
 Predicted MQL: 0.087604

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	-.00023	.000	1
S1	5.0000	4.7590	-.241	-4.82	.08316	.001	1
S2	62.500	61.192	-1.31	-2.09	1.0721	.015	1
S3	125.00	122.52	-2.48	-1.99	2.1468	.010	1
S4	250.00	245.56	-4.44	-1.77	4.3032	.047	1
S5	500.00	498.17	-1.83	-.366	8.7299	.054	1
S6	800.00	810.30	10.3	1.29	14.200	.059	1

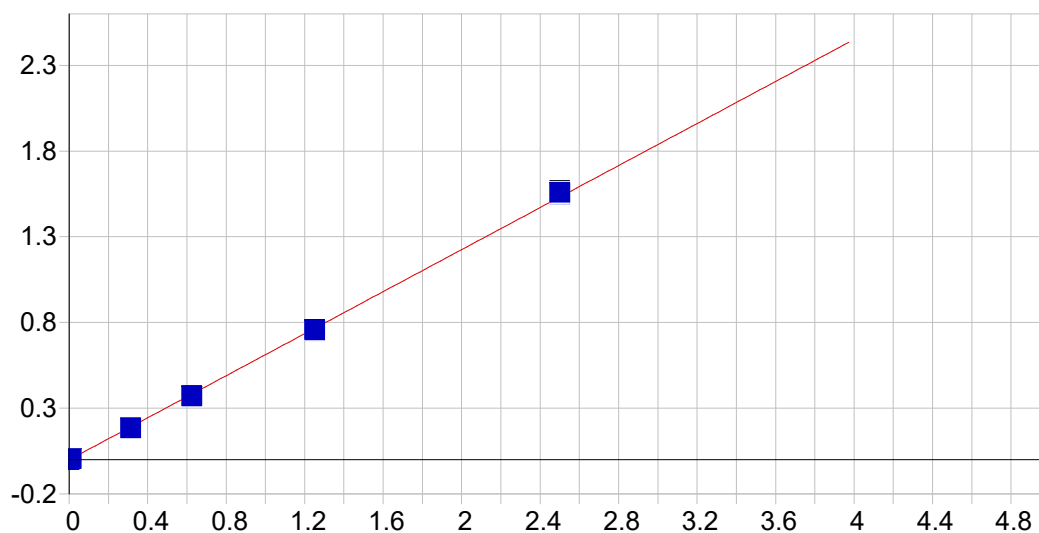


Ni 231.604 {446}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003172	Re-Slope:	1.000000
A1 (Gain):	0.699912	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000166		
Predicted MDL:	0.000589		
Predicted MQL:	0.001962		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00317	.000	1
S1	.04000	.04040	.000	.999	.02510	.000	1
S2	.62500	.64288	.018	2.86	.44679	.001	1
S3	1.2500	1.2677	.018	1.42	.88411	.002	1
S4	2.5000	2.4899	-.010	-.405	1.7395	.006	1
S5	5.0000	4.9741	-.026	-.517	3.4783	.004	1

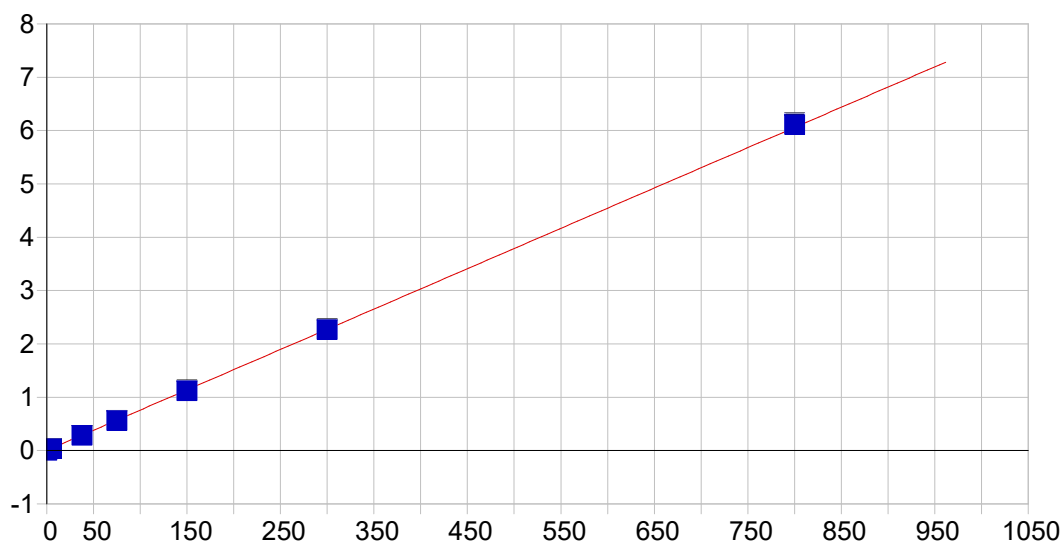


Ag 328.068 {103}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001025 Re-Slope: 1.000000
 A1 (Gain): 0.613007 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000404
 Predicted MQL: 0.001348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00102	.000	1
S1	.01000	.00943	-.001	-5.69	.00471	.000	1
S2	.31250	.30128	-.011	-3.59	.18202	.001	1
S3	.62500	.60765	-.017	-2.78	.36819	.001	1
S4	1.2500	1.2361	-.014	-1.11	.75017	.003	1
S5	2.5000	2.5430	.043	1.72	1.5447	.013	1

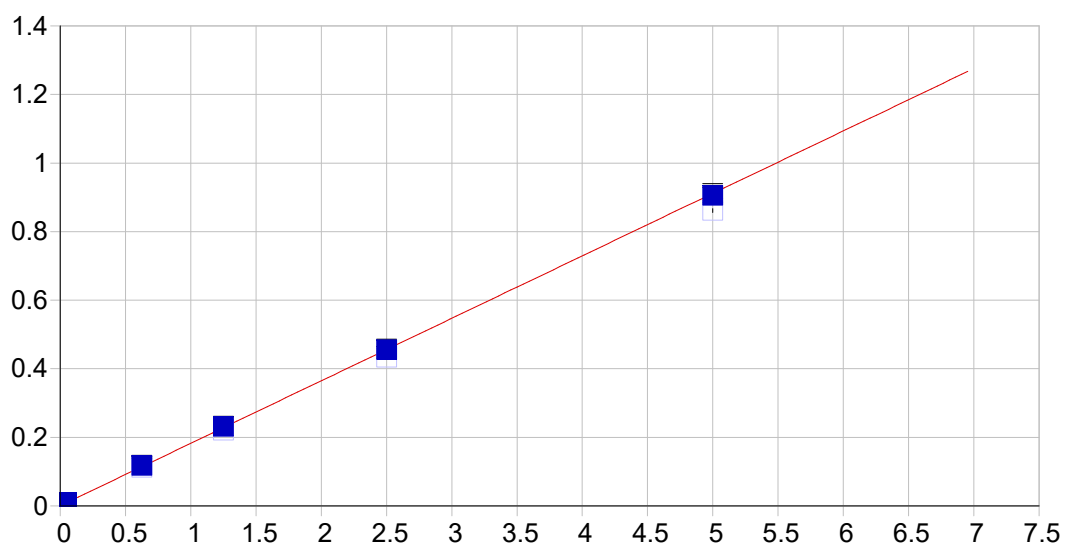


Na 818.326 { 41}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002520	Re-Slope:	1.000000
A1 (Gain):	0.007571	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000331		
Predicted MDL:	0.286113		
Predicted MQL:	0.953712		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00102	.001	.000	.00253	.003	1
S1	5.0000	4.2313	-.769	-15.4	.03456	.002	1
S2	37.500	36.913	-.587	-1.57	.28324	.003	1
S3	75.000	73.538	-1.46	-1.95	.56178	.003	1
S4	150.00	147.15	-2.85	-1.90	1.1216	.012	1
S5	300.00	298.80	-1.20	-.399	2.2747	.009	1
S6	800.00	806.86	6.86	.857	6.1379	.008	1

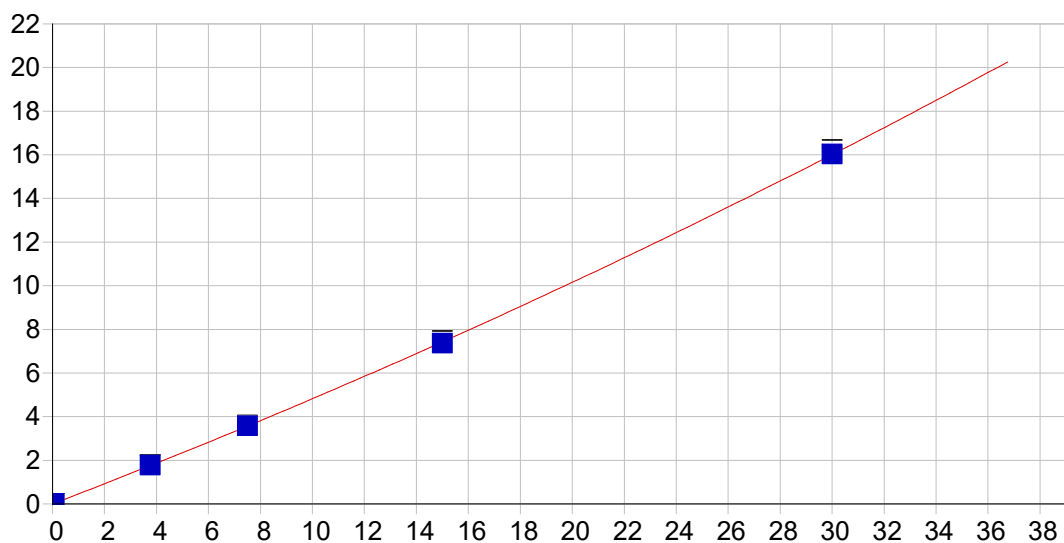


V 292.402 {115}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000474	Re-Slope:	1.000000
A1 (Gain):	0.182202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.002941		
Predicted MQL:	0.009802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00047	.000	1
S1	.05000	.05211	.002	4.21	.00995	.000	1
S2	.62500	.64173	.017	2.68	.11194	.002	1
S3	1.2500	1.2686	.019	1.49	.22069	.001	1
S4	2.5000	2.4966	-.003	-.137	.43352	.002	1
S5	5.0000	4.9659	-.034	-.682	.86160	.006	1

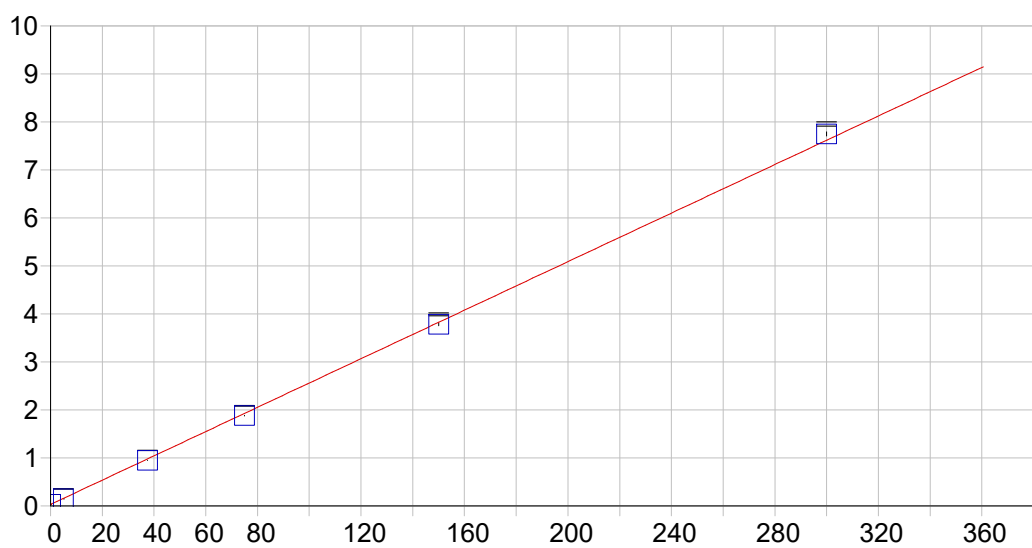


Zn 213.856 {158}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000540 Re-Slope: 1.000000
 A1 (Gain): 0.455994 Y-int: 0.000000
 A2 (Curvature): 0.002587
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: Warning Positive Curvature
 Std Error of Est: 0.000246
 Predicted MDL: 0.001765
 Predicted MQL: 0.005883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.06000	.05935	-.001	-1.08	.02769	.001	1
S2	3.7500	3.8123	.062	1.66	1.7793	.020	1
S3	7.5000	7.5122	.012	.163	3.5777	.038	1
S4	15.000	14.887	-.113	-.754	7.3735	.110	1
S5	30.000	30.041	.041	.136	16.056	.181	1

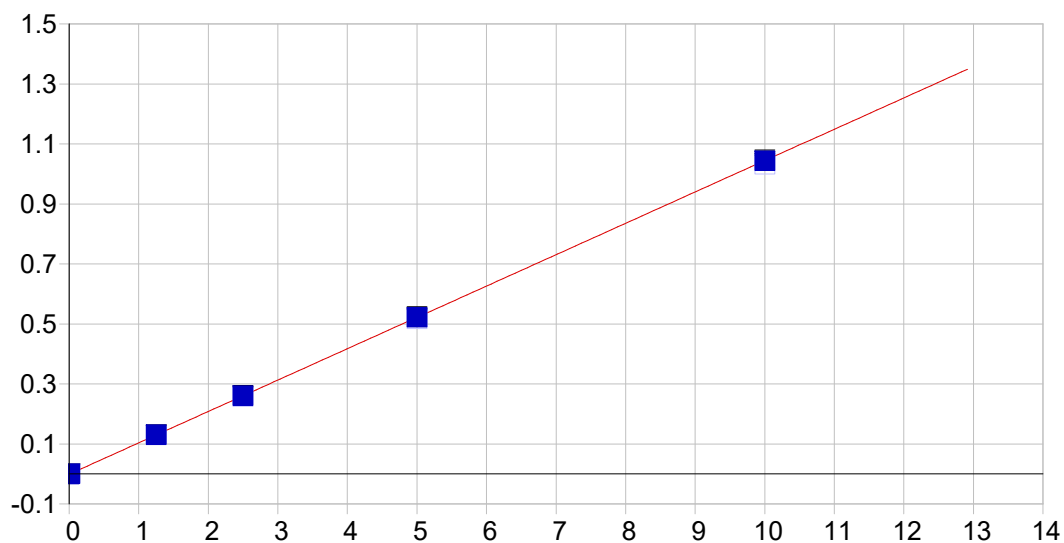


K 769.896 { 44}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.031424 Re-Slope: 1.000000
 A1 (Gain): 0.025288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.001051
 Predicted MDL: 0.081554
 Predicted MQL: 0.271846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00069	.001	.000	.03144	.001	1
S1	5.0000	4.5615	-.439	-8.77	.14677	.001	1
S2	37.500	36.262	-1.24	-3.30	.94840	.002	1
S3	75.000	73.169	-1.83	-2.44	1.8817	.007	1
S4	150.00	148.36	-1.64	-1.09	3.7831	.029	1
S5	300.00	305.15	5.15	1.72	7.7480	.042	1

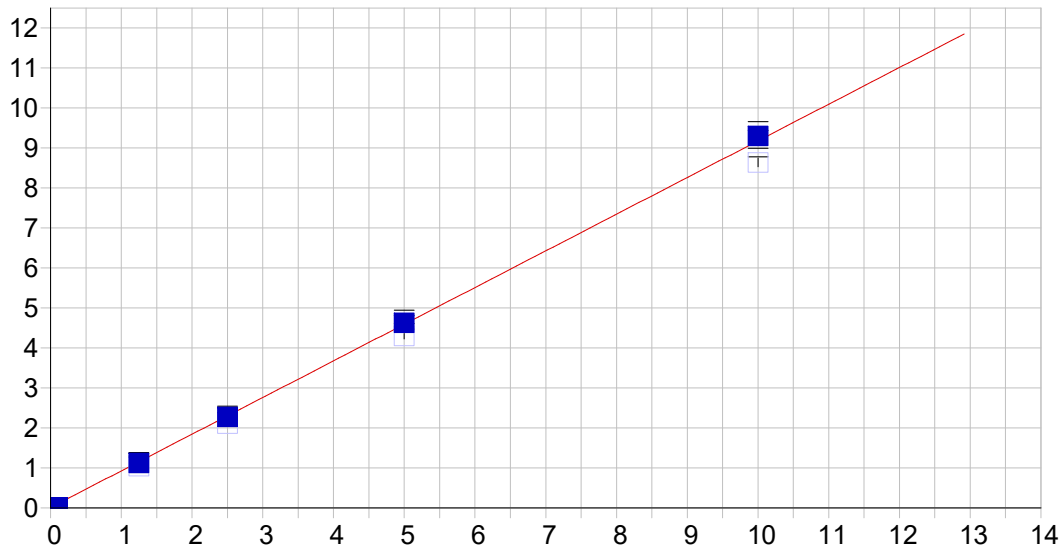


P 177.495 {490}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000856 Re-Slope: 1.000000
 A1 (Gain): 0.104520 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.001917
 Predicted MQL: 0.006389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00086	.000	1
S1	.01000	.01097	.001	9.73	.00029	.000	1
S2	1.2500	1.2547	.005	.375	.12882	.000	1
S3	2.5000	2.4964	-.004	-.145	.25714	.001	1
S4	5.0000	5.0017	.002	.034	.51607	.002	1
S5	10.000	9.9962	-.004	-.038	1.0322	.003	1

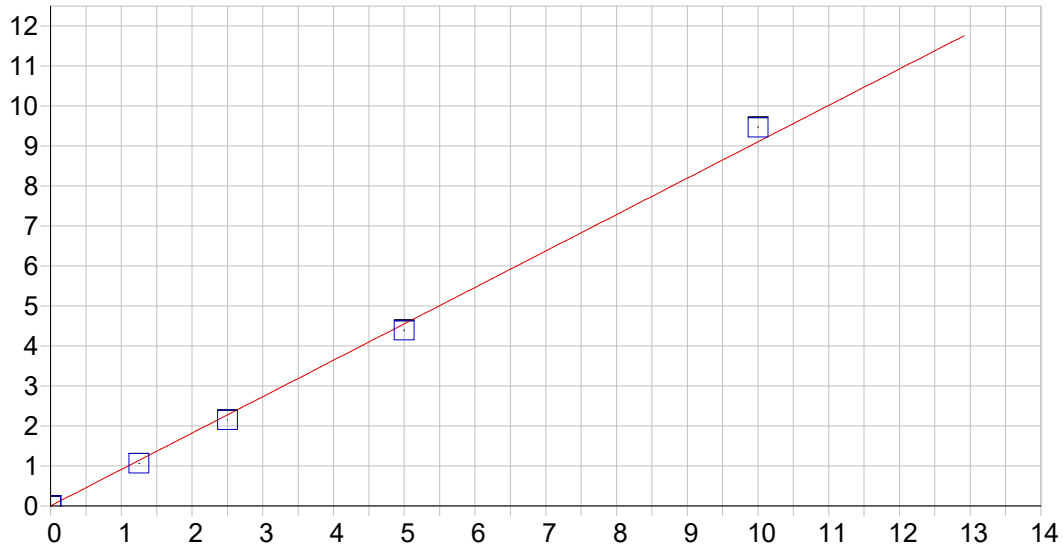


B 249.678 {135}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009308 Re-Slope: 1.000000
 A1 (Gain): 0.916994 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997128 Status: OK.
 Std Error of Est: 0.003434
 Predicted MDL: 0.000801
 Predicted MQL: 0.002670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.00940	.001	1
S1	.10000	.00517	-.095	-94.8	.01386	.000	1
S2	1.2500	1.2126	-.037	-2.99	1.0381	.012	1
S3	2.5000	2.4686	-.031	-1.26	2.1066	.024	1
S4	5.0000	5.0365	.037	.731	4.2950	.067	1
S5	10.000	10.134	.134	1.34	8.6368	.110	1

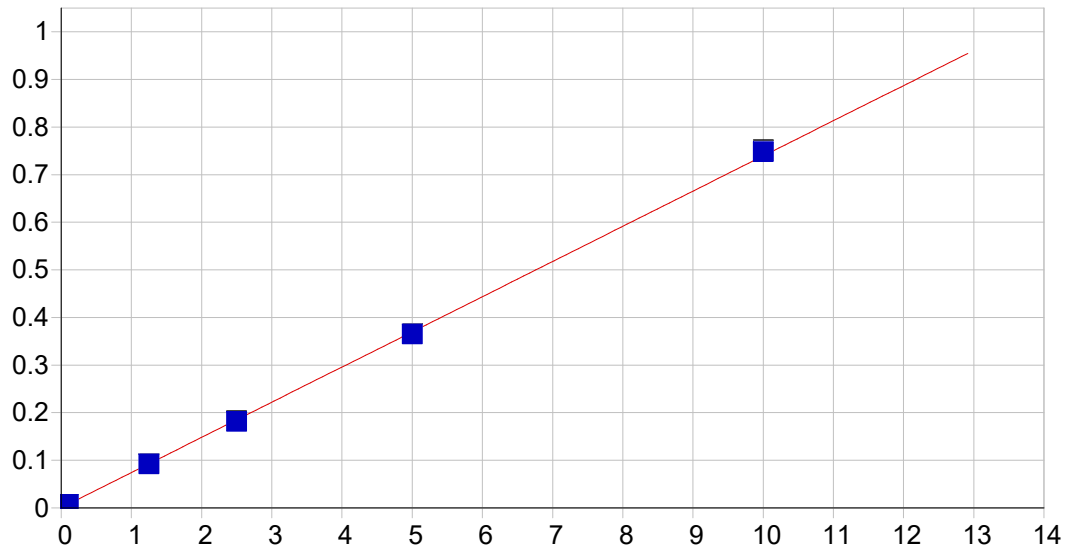


Mo 202.030 {467}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000331	Re-Slope:	1.000000
A1 (Gain):	0.910548	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999051	Status:	OK.
Std Error of Est:	0.000666		
Predicted MDL:	0.000368		
Predicted MQL:	0.001228		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.00861	-.001	-13.9	.00818	.000	1
S2	1.2500	1.1684	-.082	-6.53	1.0642	.001	1
S3	2.5000	2.3597	-.140	-5.61	2.1490	.000	1
S4	5.0000	4.8231	-.177	-3.54	4.3920	.015	1
S5	10.000	10.400	.400	4.00	9.4702	.011	1

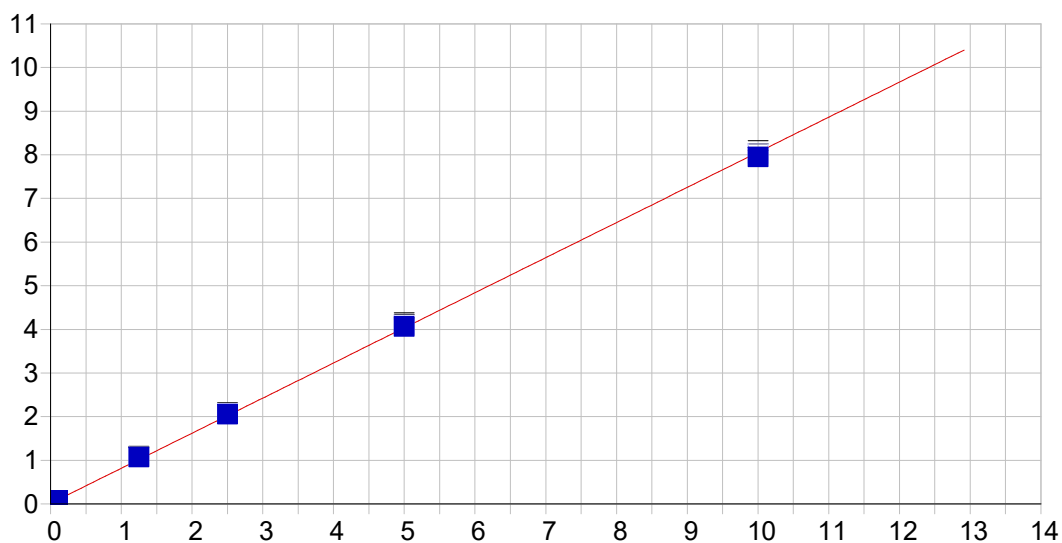


S 182.034 {485}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.073911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.003216
 Predicted MQL: 0.010720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.10000	.09980	-.000	-.198	.00764	.000	1
S2	1.2500	1.2457	-.004	-.344	.09253	.000	1
S3	2.5000	2.4491	-.051	-2.04	.18167	.001	1
S4	5.0000	4.9376	-.062	-1.25	.36599	.001	1
S5	10.000	10.118	.118	1.18	.74964	.003	1

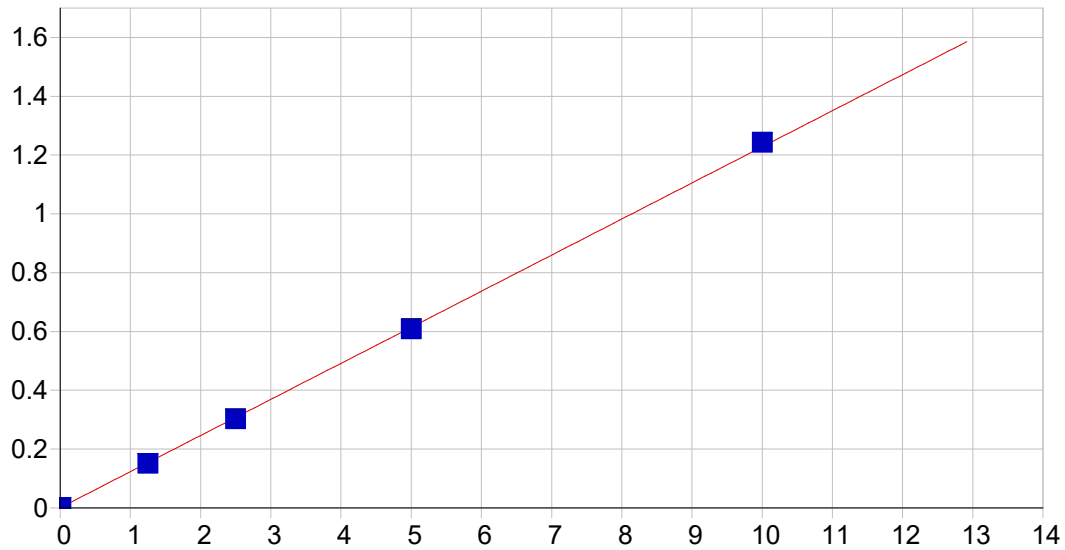


Si 251.611 {134}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.011194	Re-Slope:	1.000000
A1 (Gain):	0.804665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000800		
Predicted MDL:	0.000938		
Predicted MQL:	0.003128		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01119	.001	1
S1	.10000	.09243	-.008	-7.57	.08585	.001	1
S2	1.2500	1.3139	.064	5.11	1.0774	.013	1
S3	2.5000	2.5404	.040	1.62	2.0732	.020	1
S4	5.0000	5.0378	.038	.756	4.1005	.051	1
S5	10.000	9.8654	-.135	-1.35	8.0207	.076	1

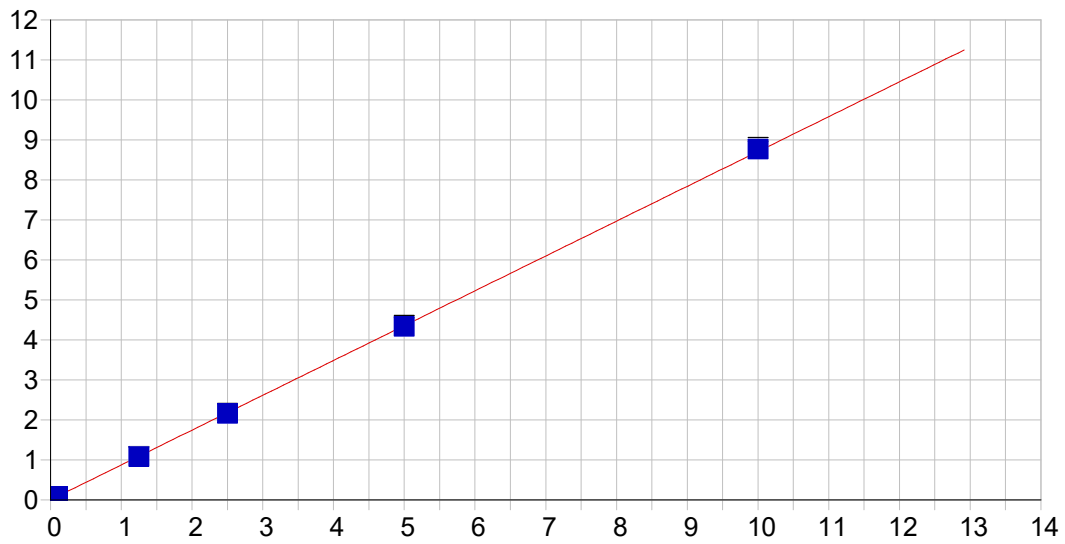


Sn 189.989 {478}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000669	Re-Slope:	1.000000
A1 (Gain):	0.122731	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.001586		
Predicted MQL:	0.005288		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.00700	.00402	-.003	-42.5	.00114	.000	1
S2	1.2500	1.2228	-.027	-2.18	.15042	.000	1
S3	2.5000	2.4561	-.044	-1.76	.30147	.000	1
S4	5.0000	4.9539	-.046	-.923	.60739	.001	1
S5	10.000	10.120	.120	1.20	1.2402	.002	1

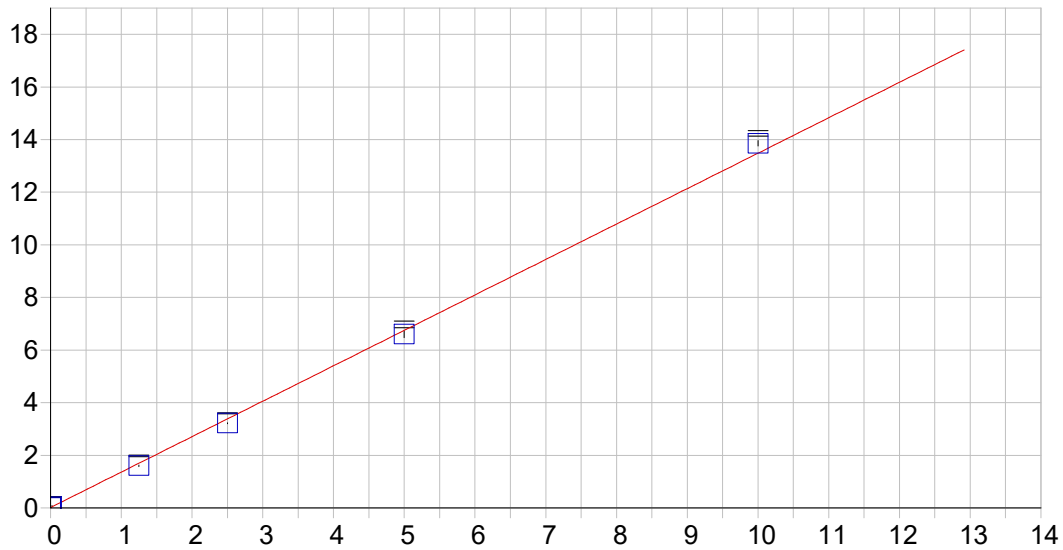


Ti 336.121 {100}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003402	Re-Slope:	1.000000
A1 (Gain):	0.870701	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000371		
Predicted MDL:	0.001036		
Predicted MQL:	0.003453		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00341	.001	1
S1	.10000	.09458	-.005	-5.42	.08573	.001	1
S2	1.2500	1.2350	-.015	-1.20	1.0783	.007	1
S3	2.5000	2.4776	-.022	-.896	2.1599	.003	1
S4	5.0000	4.9772	-.023	-.457	4.3355	.028	1
S5	10.000	10.066	.066	.656	8.7646	.045	1



Li 670.784 { 50}

Date of Fit: 08/26/2019 16:13:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015025 Re-Slope: 1.000000
 A1 (Gain): 1.346894 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998333 Status: OK.
 Std Error of Est: 0.001599
 Predicted MDL: 0.001717
 Predicted MQL: 0.005723

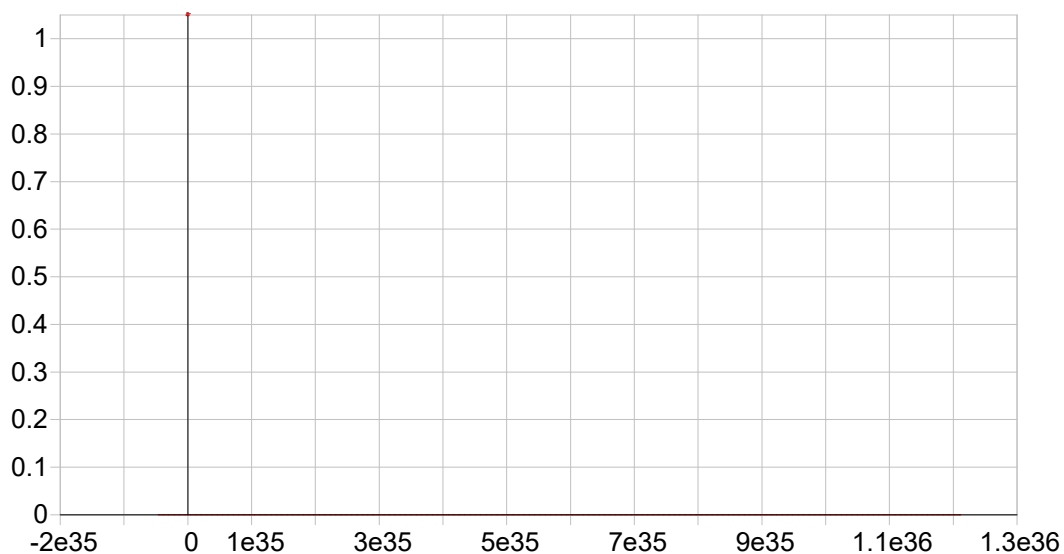
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01499	.002	1
S5	10.000	10.277	.277	2.77	13.857	.102	1
S4	5.0000	4.8911	-.109	-2.18	6.6028	.128	1
S3	2.5000	2.3779	-.122	-4.89	3.2178	.013	1
S2	1.2500	1.1790	-.071	-5.68	1.6031	.028	1
S1	.01500	.04029	.025	169.	.06930	.000	1



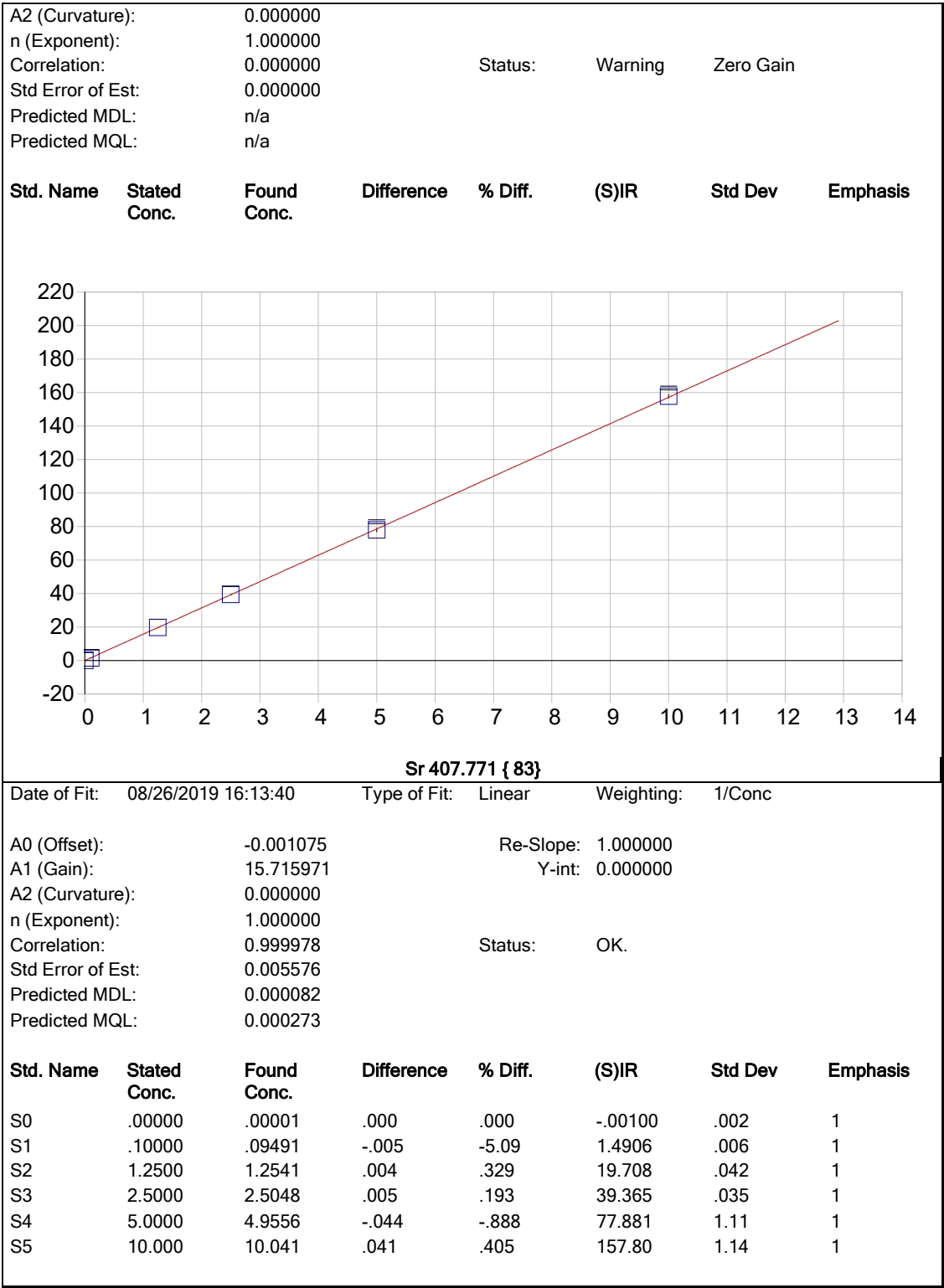




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 08/26/2019 15:20:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	-.00041	-.00104	-.00097	.00132	.00123	.00680	.00830	-.00318
Stddev	.00004	.00013	.00004	.00031	.00030	.00066	.00223	.00016
%RSD	10.810	12.328	4.4765	23.820	24.373	9.7014	26.851	5.0110
#1	-.00036	-.00089	-.00100	.00134	.00140	.00750	.00760	-.00336
#2	-.00043	-.00114	-.00100	.00099	.00088	.00673	.00650	-.00304
#3	-.00043	-.00109	-.00092	.00162	.00140	.00618	.01079	-.00315
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	-.00015	.00123	-.00008	.00047	.00493	.00092	.00112	-.00023
Stddev	.00008	.00113	.00002	.00031	.00035	.00030	.00010	.00046
%RSD	52.892	91.670	30.071	66.632	7.0808	32.534	8.5529	203.85
#1	-.00014	-.00005	-.00006	.00055	.00517	.00116	.00115	-.00002
#2	-.00023	.00165	-.00008	.00073	.00453	.00058	.00101	-.00076
#3	-.00007	.00208	-.00011	.00012	.00509	.00103	.00120	.00010
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	-.00317	-.00102	.00253	.00047	.00054	.03144	-.00086	.00940
Stddev	.00017	.00012	.00259	.00034	.00024	.00124	.00006	.00074
%RSD	5.2645	12.183	102.41	71.034	45.149	3.9372	7.5879	7.8261
#1	-.00330	-.00096	.00547	.00030	.00058	.03278	-.00080	.00973
#2	-.00323	-.00095	.00152	.00086	.00028	.03121	-.00085	.00991
#3	-.00299	-.00117	.00059	.00026	.00076	.03034	-.00093	.00855
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	.00033	.00027	.01119	.00067	.00341	.01499	-.00100	
Stddev	.00017	.00015	.00056	.00021	.00053	.00171	.00156	
%RSD	50.499	54.812	5.0424	31.237	15.570	11.382	156.98	
#1	.00052	.00018	.01071	.00089	.00288	.01531	.00006	
#2	.00019	.00044	.01181	.00064	.00394	.01652	-.00026	
#3	.00029	.00018	.01107	.00048	.00341	.01315	-.00279	

Sample Name: S0 Acquired: 08/26/2019 15:20:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1326.5	2164.5	28023.	4514.2	2249.0
Stddev	2.6	6.2	117.	36.1	4.2
%RSD	.19353	.28873	.41883	.79916	.18478
#1	1329.5	2157.3	27911.	4512.0	2244.4
#2	1325.2	2167.4	28012.	4479.3	2250.1
#3	1324.9	2168.7	28145.	4551.4	2252.5

Sample Name: S1 Acquired: 08/26/2019 15:24:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.00046	.00063	.00250	.00612	.01218	.03159	.88150	.03933
Stddev	.00023	.00035	.00041	.00023	.00006	.00043	.00460	.00020
%RSD	50.096	55.348	16.373	3.7543	.46566	1.3645	.52136	.50621

#1	.00056	.00036	.00210	.00636	.01224	.03126	.88679	.03938
#2	.00063	.00051	.00249	.00590	.01216	.03208	.87922	.03949
#3	.00020	.00103	.00292	.00608	.01213	.03143	.87850	.03911

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	.02321	.54300	.00224	.06233	.01332	.00580	.01974	.08316
Stddev	.00023	.00302	.00006	.00020	.00049	.00020	.00038	.00090
%RSD	.99915	.55704	2.7359	.32704	3.6718	3.3881	1.9453	1.0866

#1	.02348	.54648	.00220	.06225	.01294	.00591	.01973	.08382
#2	.02307	.54151	.00220	.06257	.01315	.00591	.02013	.08353
#3	.02308	.54101	.00231	.06219	.01387	.00557	.01936	.08213

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	.02510	.00471	.03456	.00995	.02769	.14677	.00029	.01386
Stddev	.00029	.00007	.00197	.00045	.00067	.00124	.00013	.00020
%RSD	1.1635	1.5153	5.7142	4.5440	2.4172	.84197	45.500	1.4250

#1	.02544	.00469	.03628	.00954	.02781	.14775	.00029	.01372
#2	.02492	.00478	.03499	.01044	.02697	.14538	.00042	.01409
#3	.02495	.00464	.03240	.00987	.02829	.14719	.00016	.01378

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	.00818	.00764	.08585	.00114	.08573	.06930	1.4906
Stddev	.00043	.00024	.00092	.00015	.00080	.00016	.0060
%RSD	5.2990	3.0937	1.0739	13.088	.92902	.23570	.40616

#1	.00840	.00743	.08689	.00099	.08648	.06942	1.4958
#2	.00768	.00790	.08512	.00114	.08489	.06911	1.4839
#3	.00845	.00760	.08555	.00128	.08582	.06936	1.4921

Sample Name: S1 Acquired: 08/26/2019 15:24:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1317.3	2174.4	27966.	4506.9	2291.3
Stddev	8.4	4.5	99.	35.3	6.6
%RSD	.63393	.20809	.35246	.78304	.28689
#1	1308.0	2170.3	27866.	4466.1	2289.5
#2	1319.7	2179.3	28063.	4527.8	2298.6
#3	1324.2	2173.7	27970.	4526.7	2285.9

Sample Name: S2 Acquired: 08/26/2019 15:28:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.09581	.08886	1.8818	.17705	.23998	4.6827	11.294	1.1238
Stddev	.00047	.00053	.0034	.00116	.00025	.0305	.179	.0124
%RSD	.49415	.59253	.17841	.65322	.10304	.65197	1.5849	1.1006

#1	.09565	.08857	1.8784	.17746	.24010	4.6532	11.115	1.1095
#2	.09543	.08947	1.8821	.17796	.24015	4.6807	11.295	1.1314
#3	.09634	.08854	1.8851	.17575	.23970	4.7142	11.473	1.1305

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9734	6.9616	.87534	.79342	1.1971	1.8302	4.5417	1.0721
Stddev	.0026	.1065	.00074	.00089	.0021	.0206	.0591	.0147
%RSD	.08846	1.5291	.08488	.11195	.17086	1.1277	1.3008	1.3747

#1	2.9708	6.8535	.87452	.79327	1.1947	1.8074	4.4785	1.0578
#2	2.9761	6.9651	.87596	.79262	1.1985	1.8353	4.5509	1.0714
#3	2.9731	7.0663	.87554	.79437	1.1980	1.8477	4.5956	1.0872

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	.44679	.18202	.28324	.11194	1.7793	.94840	.12882	1.0381
Stddev	.00065	.00073	.00347	.00154	.0199	.00242	.00048	.0121
%RSD	.14524	.40044	1.2248	1.3749	1.1209	.25488	.36998	1.1640

#1	.44653	.18241	.28123	.11042	1.7904	.94729	.12837	1.0243
#2	.44753	.18118	.28124	.11191	1.7563	.95118	.12877	1.0469
#3	.44631	.18247	.28724	.11350	1.7913	.94675	.12932	1.0431

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	1.0642	.09253	1.0774	.15042	1.0783	1.6031	19.708
Stddev	.0013	.00023	.0130	.00038	.0066	.0281	.042
%RSD	.12239	.25246	1.2086	.25295	.61682	1.7511	.21559

#1	1.0641	.09229	1.0623	.15001	1.0726	1.5733	19.750
#2	1.0656	.09275	1.0852	.15049	1.0768	1.6068	19.710
#3	1.0631	.09255	1.0845	.15076	1.0856	1.6291	19.665

Sample Name: S2 Acquired: 08/26/2019 15:28:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1270.7	2117.2	27744.	4484.8	2309.9
Stddev	10.2	1.7	83.	48.8	5.0
%RSD	.80658	.07947	.29880	1.0881	.21472
#1	1265.6	2116.0	27742.	4541.1	2313.3
#2	1282.5	2119.2	27828.	4458.9	2312.2
#3	1263.9	2116.5	27662.	4454.4	2304.2

Sample Name: S3 Acquired: 08/26/2019 15:32:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.19372	.18079	3.7654	.35443	.48452	9.3716	22.408	2.2405
Stddev	.00049	.00054	.0053	.00076	.00039	.0129	.122	.0176
%RSD	.25478	.29781	.14221	.21446	.08076	.13784	.54400	.78770

#1	.19325	.18113	3.7592	.35388	.48474	9.3858	22.486	2.2594
#2	.19366	.18017	3.7682	.35530	.48475	9.3683	22.471	2.2245
#3	.19423	.18107	3.7687	.35410	.48407	9.3606	22.268	2.2376

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7420	13.712	1.7275	1.5700	2.3821	3.5889	8.8883	2.1468
Stddev	.0028	.061	.0036	.0026	.0063	.0106	.0299	.0100
%RSD	.04806	.44312	.20707	.16564	.26503	.29438	.33618	.46574

#1	5.7435	13.750	1.7300	1.5727	2.3808	3.5984	8.9093	2.1569
#2	5.7388	13.744	1.7234	1.5675	2.3765	3.5907	8.9014	2.1466
#3	5.7437	13.642	1.7291	1.5699	2.3890	3.5775	8.8541	2.1369

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	.88411	.36819	.56178	.22069	3.5777	1.8817	.25714	2.1066
Stddev	.00201	.00142	.00298	.00060	.0376	.0072	.00111	.0236
%RSD	.22713	.38509	.53113	.26986	1.0520	.38245	.43231	1.1215

#1	.88552	.36927	.56267	.22109	3.5356	1.8823	.25763	2.1336
#2	.88181	.36659	.55845	.22001	3.6081	1.8742	.25586	2.0899
#3	.88499	.36872	.56422	.22097	3.5894	1.8886	.25791	2.0963

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	2.1490	.18167	2.0732	.30147	2.1599	3.2178	39.365
Stddev	.0004	.00088	.0205	.00042	.0035	.0126	.035
%RSD	.01987	.48396	.98735	.13952	.16125	.39163	.08881

#1	2.1486	.18243	2.0949	.30132	2.1634	3.2228	39.335
#2	2.1489	.18187	2.0542	.30115	2.1599	3.2271	39.356
#3	2.1494	.18071	2.0705	.30195	2.1564	3.2034	39.403

Sample Name: S3 Acquired: 08/26/2019 15:32:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1232.2	2048.4	27456.	4449.1	2283.6
Stddev	11.2	.7	120.	7.2	1.7
%RSD	.90881	.03478	.43719	.16226	.07315
#1	1244.5	2047.9	27593.	4440.8	2282.0
#2	1222.6	2049.2	27409.	4453.8	2283.4
#3	1229.4	2048.2	27367.	4452.7	2285.3

Sample Name: S4 Acquired: 08/26/2019 15:36:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.39702	.37145	7.6231	.72351	.99466	18.972	44.555	4.4544
Stddev	.00153	.00055	.0236	.00328	.00532	.152	.716	.0674
%RSD	.38645	.14933	.30923	.45375	.53502	.79990	1.6069	1.5126

#1	.39569	.37099	7.6000	.71978	.98905	19.020	44.604	4.4897
#2	.39668	.37129	7.6223	.72483	.99530	18.802	43.816	4.3767
#3	.39870	.37207	7.6472	.72593	.99964	19.095	45.245	4.4969

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.055	27.178	3.3914	3.1025	4.7375	7.0706	17.463	4.3032
Stddev	.030	.382	.0040	.0110	.0262	.0730	.204	.0473
%RSD	.26705	1.4054	.11925	.35594	.55204	1.0320	1.1685	1.0983

#1	11.031	27.212	3.3948	3.0919	4.7616	7.0998	17.532	4.3206
#2	11.047	26.781	3.3924	3.1018	4.7096	6.9876	17.233	4.2497
#3	11.088	27.542	3.3869	3.1139	4.7412	7.1245	17.623	4.3392

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	1.7395	.75017	1.1216	.43352	7.3735	3.7831	.51607	4.2950
Stddev	.0056	.00343	.0119	.00210	.1096	.0289	.00178	.0670
%RSD	.31979	.45729	1.0622	.48497	1.4868	.76394	.34526	1.5602

#1	1.7341	.74876	1.1231	.43456	7.3267	3.7890	.51809	4.3352
#2	1.7392	.75408	1.1090	.43110	7.4988	3.7517	.51540	4.2177
#3	1.7452	.74766	1.1327	.43490	7.2951	3.8086	.51472	4.3322

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	4.3920	.36599	4.1005	.60739	4.3355	6.6028	77.881
Stddev	.0153	.00063	.0508	.00104	.0277	.1279	1.109
%RSD	.34802	.17202	1.2399	.17118	.63934	1.9372	1.4242

#1	4.3754	.36558	4.1330	.60655	4.3475	6.6199	78.221
#2	4.3949	.36567	4.0419	.60707	4.3038	6.4673	76.642
#3	4.4055	.36672	4.1267	.60855	4.3553	6.7214	78.781

Sample Name: S4 Acquired: 08/26/2019 15:36:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1157.3	1964.7	27010.	4387.7	2256.7
Stddev	9.6	6.4	120.	53.7	5.7
%RSD	.82603	.32537	.44586	1.2232	.25321
#1	1160.8	1971.0	27108.	4363.3	2261.3
#2	1146.5	1964.8	26876.	4449.2	2258.4
#3	1164.6	1958.2	27046.	4350.6	2250.3

Sample Name: S5 Acquired: 08/26/2019 15:40:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.83968	.76743	15.658	1.5196	2.1505	38.911	89.145	8.8166
Stddev	.00125	.00201	.018	.0036	.0011	.197	.922	.0886
%RSD	.14860	.26188	.11673	.23688	.05069	.50514	1.0342	1.0045

#1	.84051	.76934	15.661	1.5235	2.1498	38.824	89.068	8.8114
#2	.83824	.76534	15.638	1.5189	2.1499	38.772	88.264	8.7308
#3	.84028	.76762	15.674	1.5165	2.1517	39.136	90.103	8.9077

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	21.595	54.336	6.6293	6.2324	9.5036	13.956	34.519	8.7299
Stddev	.028	.350	.0033	.0066	.0325	.072	.227	.0543
%RSD	.13058	.64499	.04947	.10502	.34241	.51577	.65632	.62227

#1	21.594	54.153	6.6256	6.2354	9.4853	13.896	34.366	8.7103
#2	21.567	54.115	6.6306	6.2249	9.4842	13.936	34.413	8.6882
#3	21.623	54.740	6.6318	6.2369	9.5412	14.036	34.780	8.7914

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	3.4783	1.5447	2.2747	.86160	16.056	7.7480	1.0322	8.6368
Stddev	.0043	.0125	.0086	.00567	.181	.0424	.0026	.1095
%RSD	.12218	.81194	.37689	.65763	1.1250	.54668	.25096	1.2682

#1	3.4745	1.5356	2.2717	.85733	15.862	7.7423	1.0337	8.5935
#2	3.4775	1.5395	2.2681	.85945	16.220	7.7087	1.0293	8.5556
#3	3.4829	1.5590	2.2844	.86803	16.087	7.7929	1.0338	8.7614

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.4702	.74964	8.0207	1.2402	8.7646	13.857	157.80
Stddev	.0109	.00286	.0765	.0016	.0452	.102	1.14
%RSD	.11454	.38142	.95349	.13161	.51535	.73471	.72044

#1	9.4792	.75211	8.0107	1.2399	8.7255	13.806	159.11
#2	9.4582	.74651	7.9497	1.2387	8.7542	13.790	157.22
#3	9.4731	.75029	8.1017	1.2420	8.8140	13.974	157.06

Sample Name: S5 Acquired: 08/26/2019 15:40:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	1027.6	1786.8	26328.	4322.4	2181.9
Stddev	4.9	4.5	130.	47.1	5.2
%RSD	.47596	.25248	.49432	1.0889	.24015
#1	1032.6	1783.1	26319.	4315.0	2178.4
#2	1027.3	1791.8	26462.	4372.7	2187.9
#3	1022.8	1785.4	26202.	4279.5	2179.3

Sample Name: S6 Acquired: 08/26/2019 15:44:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	100.52	85.255	36.636	14.200	6.1379
Stddev	.46	.822	.117	.059	.0080
%RSD	.45845	.96411	.31838	.41703	.13020

#1	100.51	86.141	36.535	14.180	6.1295
#2	100.06	84.517	36.764	14.266	6.1388
#3	100.98	85.107	36.611	14.153	6.1454

Int. Std.	Y_3710
Units	Cts/S
Avg	4246.9
Stddev	1.3
%RSD	.03031

#1	4247.7
#2	4245.4
#3	4247.6

Sample Name: ICV Acquired: 08/26/2019 15:48:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.9024272	.9552785	.9313607	.9465651	.9602630	2.303562
Stddev	.0046933	.0025151	.0006969	.0040984	.0022712	.005791
%RSD	.5200771	.2632848	.0748239	.4329718	.2365179	.2513953

#1	.8977425	.9551863	.9321551	.9419737	.9627859	2.307979
#2	.9071291	.9528108	.9310743	.9498536	.9596215	2.305702
#3	.9024098	.9578385	.9308526	.9478680	.9583815	2.297006

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4834786	.4691885	.5318451	10.02864	.5261822	.4943843
Stddev	.0051618	.0018229	.0012632	.13168	.0007544	.0011165
%RSD	1.067645	.3885135	.2375199	1.313000	.1433658	.2258284

#1	.4799524	.4688046	.5330641	9.95964	.5269459	.4956210
#2	.4894033	.4711728	.5305418	10.18048	.5261633	.4940813
#3	.4810800	.4675882	.5319294	9.94581	.5254375	.4934507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4622291	5.201598	.4835937	5.688308	.5167498	.4854916
Stddev	.0020910	.054959	.0038664	.065403	.0005625	.0017439
%RSD	.4523763	1.056572	.7995094	1.149779	.1088475	.3592010

#1	.4616628	5.162921	.4808958	5.686789	.5173970	.4840864
#2	.4645450	5.264508	.4880232	5.754458	.5164738	.4874433
#3	.4604796	5.177364	.4818620	5.623678	.5163787	.4849450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.738379	.4948176	.9874068	9.243756	F .0023891	F .0043840
Stddev	.391760	.0077139	.0091740	.085022	.0005085	.0003908
%RSD	4.022845	1.558933	.9291005	.9197759	21.28276	8.913583

#1	10.16960	.4861449	.9788209	9.252829	.0018024	.0046414
#2	9.64114	.5009122	.9863262	9.154562	.0026631	.0045764
#3	9.40440	.4973959	.9970732	9.323878	.0027019	.0039344

Sample Name: ICV Acquired: 08/26/2019 15:48:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0021942	F .0078071	F .0019039	F .0004776	F -.000047	F .0073945
Stddev	.0002324	.0045088	.0009004	.0007346	.000429	.0039562
%RSD	10.58961	57.75277	47.29067	153.7920	905.7364	53.50252

#1	.0019313	.0073647	.0014230	.0009127	-.000181	.0074320
#2	.0022797	.0035358	.0029426	.0008907	.000432	.0113318
#3	.0023718	.0125209	.0013460	-.000370	-.000394	.0034196

Elem	Sr4077
Units	ppm
Avg	F .0109942
Stddev	.0000750
%RSD	.6826444

#1	.0109318
#2	.0110775
#3	.0109733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.480	2172.792	28200.14	4545.856	2302.066
Stddev	5.331	3.097	143.02	31.991	6.614
%RSD	.4009484	.1425442	.5071533	.7037426	.2873178

#1	1330.546	2171.814	28149.05	4543.600	2294.597
#2	1323.697	2176.260	28089.69	4515.053	2307.181
#3	1334.197	2170.302	28361.69	4578.916	2304.420

Sample Name: ICB Acquired: 08/26/2019 15:52:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.0003418	.0014030	-.000792	.0016288	.0020641	.0188482	.0008293
Stddev	.0010094	.0025863	.000516	.0024648	.0004362	.0016177	.0004695
%RSD	295.2737	184.3452	65.20258	151.3258	21.13307	8.582743	56.61122

#1	-.000260	.0009076	-.001239	.0032999	.0015604	.0178876	.0013713
#2	-.000221	-.000900	-.000227	-.001202	.0023180	.0207159	.0005681
#3	.001507	.004201	-.000910	.002788	.0023140	.0179411	.0005485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000119	-.000042	-.003472	.0006138	-.000163	.0056060	.0072945
Stddev	.0000918	.000143	.010317	.0000962	.000273	.0011934	.0097663
%RSD	770.7618	343.4384	297.1734	15.67578	167.7390	21.28725	133.8863

#1	.0000541	-.000144	-.014038	.0005028	-.000098	.0067679	-.003972
#2	-.000093	.000122	.006576	.0006649	.000072	.0056667	.012499
#3	.000075	-.000103	-.002953	.0006736	-.000462	.0043835	.013356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004072	.0030135	-.000411	.0032915	-.276661	.0032497	.0008243
Stddev	.0001640	.0205358	.000559	.0000857	.233206	.0021668	.0011572
%RSD	40.27595	681.4645	135.9973	2.604742	84.29280	66.67715	140.3947

#1	.0003665	-.005084	-.000691	.0032179	-.339065	.0007581	-.000415
#2	.0005877	.026364	-.000774	.0032710	-.472317	.0046930	.001012
#3	.0002674	-.012239	.000232	.0033856	-.018602	.0042980	.001876

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575015	-.000676	-.001604	-.000214	-.001638	-.003902	.0003296
Stddev	.0934572	.001377	.000740	.000447	.001513	.000459	.0002042
%RSD	162.5300	203.6237	46.13533	208.9039	92.38061	11.76793	61.94250

#1	-.047406	-.002097	-.000914	-.000335	-.003206	-.003375	.0005586
#2	.131865	.000651	-.001511	-.000588	-.000187	-.004115	.0001665
#3	.088045	-.000582	-.002385	.000281	-.001521	-.004216	.0002637

Sample Name: ICB Acquired: 08/26/2019 15:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) 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	.0006238	.0006087	-.000106
Stddev	.0007867	.0027889	.000027
%RSD	126.1118	458.1857	25.24511

#1	-.000271	.0036564	-.000125
#2	.000934	-.000014	-.000076
#3	.001208	-.001816	-.000119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.554	2166.427	28000.98	4486.784	2250.101
Stddev	11.453	5.082	193.59	40.304	3.112
%RSD	.8633469	.2345959	.6913645	.8982820	.1383037

#1	1316.333	2163.383	27804.58	4522.173	2246.802
#2	1338.932	2172.294	28191.63	4442.915	2252.984
#3	1324.396	2163.604	28006.72	4495.265	2250.519

Sample Name: ICSAB Acquired: 08/26/2019 16:00:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989695	.1073583	.0448565	.0576106	.6329872	232.8352
Stddev	.0014855	.0033868	.0038933	.0014913	.0015222	1.0240
%RSD	1.500928	3.154676	8.679423	2.588623	.2404726	.4397853

#1	.0992110	.1050734	.0438517	.0584050	.6346090	233.9748
#2	.0973781	.1112494	.0491537	.0585366	.6327629	232.5383
#3	.1003194	.1057522	.0415641	.0558903	.6315896	231.9924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057538	.4853879	1.041173	243.4092	.5668574	.5050361
Stddev	.0056259	.0051427	.003302	2.1785	.0007732	.0012878
%RSD	1.112371	1.059508	.3171556	.8950054	.1364076	.2549819

#1	.5120227	.4898971	1.039657	245.7699	.5665518	.5056455
#2	.5040940	.4864795	1.038901	242.9814	.5677367	.5035567
#3	.5011445	.4797869	1.044961	241.4763	.5662836	.5059060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4637612	99.40982	.5035790	246.5903	1.023676	.1978137
Stddev	.0009586	.52491	.0022016	1.2632	.001626	.0002243
%RSD	.2067072	.5280241	.4371907	.5122488	.1588763	.1133771

#1	.4640482	99.74572	.5044239	247.7603	1.024142	.1976079
#2	.4645435	99.67880	.5052330	246.7594	1.021868	.1980527
#3	.4626918	98.80494	.5010801	245.2511	1.025019	.1977805

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.547533	.4950332	1.021365	-.217911	.0058982	-.001138
Stddev	.272355	.0034764	.001874	.014986	.0018314	.002202
%RSD	49.74213	.7022471	.1834979	6.877036	31.05105	193.4798

#1	-.861714	.4983437	1.020992	-.235135	.0074363	-.003552
#2	-.378401	.4914118	1.023398	-.207855	.0038722	-.000622
#3	-.402485	.4953441	1.019706	-.210744	.0063860	.000760

Sample Name: ICSAB Acquired: 08/26/2019 16:00:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000384	F .0032300	F -.002578	-.001470	F -.000729	W -.001294
Stddev	.000353	.0056456	.000775	.001507	.000608	.001551
%RSD	91.89652	174.7841	30.04697	102.4747	83.37229	119.8373
#1	-.000780	-.003213	-.002635	-.002550	-.001173	.000039
#2	-.000274	.005594	-.003323	.000251	-.000978	-.000925
#3	-.000099	.007309	-.001777	-.002112	-.000036	-.002997

Elem	Sr4077
Units	ppm
Avg	F .0963762
Stddev	.0005156
%RSD	.5350400
#1	.0969691
#2	.0960329
#3	.0961264

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.250	2086.496	27121.34	4482.422	2250.907
Stddev	9.232	4.056	155.46	54.652	4.359
%RSD	.7319980	.1943836	.5731894	1.219255	.1936695
#1	1253.340	2083.142	26973.93	4421.269	2246.920
#2	1271.394	2085.342	27283.75	4499.502	2255.562
#3	1259.017	2091.003	27106.33	4526.494	2250.238

Sample Name: ICSA Acquired: 08/26/2019 15:56:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062098	.0005219	-.004465	.0056888	-.000362	238.0201
Stddev	.0026622	.0054480	.002120	.0011081	.003230	.6341
%RSD	42.87073	1043.982	47.48883	19.47914	891.8198	.2664151

#1	.0031580	.0058395	-.004626	.0069122	.002769	237.3064
#2	.0080556	-.005048	-.002269	.0054016	-.003682	238.2356
#3	.0074158	.000774	-.006500	.0047525	-.000174	238.5184

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070753	.0011171	-.000565	249.8252	.0522736	.0000126
Stddev	.0003513	.0000558	.000154	2.1409	.0003591	.0005243
%RSD	4.964456	4.994620	27.31561	.8569605	.6869219	4144.382

#1	.0068481	.0010598	-.000416	247.5622	.0518642	-.000281
#2	.0068980	.0011713	-.000724	251.8185	.0525348	.000618
#3	.0074799	.0011204	-.000554	250.0948	.0524219	-.000299

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024906	101.4808	.0115022	253.2268	.0022832	.0012627
Stddev	.0018872	.5055	.0003188	1.6797	.0006216	.0002472
%RSD	75.77080	.4981654	2.771884	.6633343	27.22703	19.57440

#1	.0042473	100.9967	.0116395	251.3113	.0020243	.0009937
#2	.0004956	102.0053	.0117294	254.4484	.0018328	.0013146
#3	.0027290	101.4404	.0111377	253.9208	.0029925	.0014798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.510386	.0006649	.0113441	-.060215	.0050249	-.001786
Stddev	.119067	.0013305	.0018697	.040860	.0015597	.002683
%RSD	23.32890	200.1054	16.48182	67.85718	31.03994	150.2122

#1	-.478479	-.000770	.0132204	-.069769	.0032567	-.000456
#2	-.410523	.000908	.0113307	-.015424	.0062053	-.004874
#3	-.642156	.001857	.0094811	-.095451	.0056125	-.000028

Sample Name: ICSA Acquired: 08/26/2019 15:56:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000698	F .0072971	F -.003653	-.004127	F .0009088	W .0013437
Stddev	.000705	.0018739	.000879	.001267	.0009859	.0004859
%RSD	101.0378	25.68006	24.05340	30.69130	108.4846	36.15779

#1	-.000404	.0057746	-.002642	-.004161	.0019569	.0016391
#2	-.000187	.0067269	-.004086	-.005376	.0007698	.0007830
#3	-.001502	.0093899	-.004231	-.002844	-.000000	.0016091

Elem	Sr4077
Units	ppm
Avg	F .0981167
Stddev	.0000800
%RSD	.0814872

#1	.0980398
#2	.0981107
#3	.0981994

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.366	2092.176	27053.92	4432.304	2253.323
Stddev	14.187	3.844	35.98	19.788	2.419
%RSD	1.127409	.1837160	.1330105	.4464541	.1073611

#1	1243.228	2088.028	27067.95	4449.643	2253.658
#2	1271.357	2095.618	27013.04	4410.747	2255.557
#3	1260.513	2092.881	27080.79	4436.523	2250.753

Sample Name: CCV052 Acquired: 08/26/2019 16:04:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892100	5.242819	25.07442	4.987248	5.065762	407.4694	10.08263
Stddev	.027867	.022335	.05775	.006549	.003210	4.4484	.05528
%RSD	.5696422	.4260118	.2303138	.1313117	.0633583	1.091712	.5483075

#1	4.924192	5.229693	25.06256	4.993837	5.068622	411.8911	10.07742
#2	4.878090	5.230155	25.02352	4.987169	5.066373	402.9947	10.03014
#3	4.874017	5.268608	25.13718	4.980740	5.062291	407.5225	10.14034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5002499	2.465444	406.1042	15.40133	2.517978	15.10964	414.6778
Stddev	.0037559	.008968	2.7652	.01518	.010154	.01898	2.0416
%RSD	.7508099	.3637524	.6809006	.0985884	.4032654	.1256119	.4923291

#1	.5018960	2.458172	406.1855	15.41886	2.510869	15.08837	414.6334
#2	.4959520	2.462695	403.2992	15.39262	2.513458	15.12484	412.6587
#3	.5029017	2.475465	408.8277	15.39251	2.529608	15.11573	416.7411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96627	415.8167	2.538968	1.270354	395.9967	2.479182	15.13572
Stddev	.09281	1.9568	.008982	.001765	2.0022	.002302	.14934
%RSD	.6201381	.4705817	.3537474	.1389189	.5056015	.0928503	.9866602

#1	14.95520	415.7766	2.534416	1.269845	396.2094	2.477487	14.96342
#2	14.87949	413.8804	2.533174	1.272318	393.8968	2.478256	15.22787
#3	15.06412	417.7933	2.549314	1.268900	397.8841	2.481802	15.21587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.8847	5.172549	5.033902	4.907033	5.136340	4.977989	5.090479
Stddev	.1472	.014034	.030461	.004819	.007897	.033144	.015513
%RSD	.0968930	.2713208	.6051203	.0982102	.1537383	.6658087	.3047534

#1	151.8983	5.166225	5.042961	4.901518	5.136570	4.998146	5.090663
#2	151.7311	5.162789	4.999940	4.909145	5.128331	4.939736	5.074875
#3	152.0245	5.188632	5.058807	4.910435	5.144119	4.996084	5.105900

Sample Name: CCV052 Acquired: 08/26/2019 16:04:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.052948	5.016033	4.978859
Stddev	.021862	.032784	.053301
%RSD	.4326626	.6535929	1.070538

#1	5.057336	5.005395	4.917534
#2	5.029225	4.989888	5.005006
#3	5.072284	5.052815	5.014036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.996	1925.967	26506.34	4362.289	2215.652
Stddev	9.316	2.192	60.49	22.490	8.647
%RSD	.8295438	.1138081	.2282218	.5155612	.3902793

#1	1133.718	1925.561	26516.74	4351.381	2220.743
#2	1116.885	1928.334	26441.32	4388.153	2220.546
#3	1118.386	1924.007	26560.96	4347.333	2205.668

Sample Name: CCB052 Acquired: 08/26/2019 16:08:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007362	.0015835	-.001156	.0001636	-.000299	.0168430	.0009784
Stddev	.0019457	.0009081	.001449	.0019901	.001153	.0030886	.0005617
%RSD	264.3082	57.34786	125.3215	1216.139	385.0661	18.33742	57.41009

#1	.0023310	.0026217	.000452	.0003525	-.000516	.0133215	.0015901
#2	.0013093	.0009371	-.001561	.0020526	-.001328	.0190923	.0004858
#3	-.001432	.0011916	-.002360	-.001914	.000946	.0181152	.0008592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	-.000058	.0086405	.0009839	.0000611	.0055473	.0152677
Stddev	.0000335	.000082	.0053348	.0003930	.0004227	.0011491	.0061900
%RSD	125.2471	141.8592	61.74116	39.94479	691.3508	20.71485	40.54297

#1	.0000227	-.000051	.0029740	.0011540	.0004944	.0055777	.0215417
#2	.0000620	.000020	.0093814	.0005345	-.000350	.0043833	.0150961
#3	-.000005	-.000143	.0135661	.0012633	.000039	.0066809	.0091653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006032	.0131579	-.000272	.0006961	-.420853	.0008664	.0006831
Stddev	.0001975	.0211919	.000549	.0001398	.224402	.0018067	.0002105
%RSD	32.73951	161.0583	201.8726	20.08134	53.32084	208.5304	30.80999

#1	.0006589	.0013173	-.000754	.0007544	-.245524	-.000791	.0004824
#2	.0003839	.0376239	-.000388	.0005366	-.673749	.002792	.0006647
#3	.0007669	.0005324	.000326	.0007973	-.343287	.000599	.0009021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.048087	.0002887	.0038037	.0001516	.0024705	-.004061	.0003234
Stddev	.038912	.0012031	.0010576	.0003623	.0014042	.000533	.0005130
%RSD	80.92082	416.7211	27.80357	238.8842	56.83820	13.12740	158.6189

#1	-.044512	.0008159	.0050107	.0005263	.0036981	-.003835	-.000141
#2	-.088663	-.001088	.0030401	-.000197	.0009394	-.004670	.000874
#3	-.011085	.001138	.0033601	.000125	.0027739	-.003678	.000236

Sample Name: CCB052 Acquired: 08/26/2019 16:08:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000064	-.001346	.0000826
Stddev	.000695	.001401	.0000681
%RSD	1091.928	104.0903	82.45479

#1	-.000857	-.000867	.0001186
#2	.000229	-.002923	.0001251
#3	.000437	-.000247	.0000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.815	2167.586	28095.31	4566.995	2250.787
Stddev	9.794	4.416	95.76	35.042	3.192
%RSD	.7409429	.2037329	.3408539	.7672829	.1418226

#1	1316.130	2167.595	28052.29	4528.934	2253.649
#2	1316.191	2171.997	28205.05	4597.919	2251.368
#3	1333.124	2163.165	28028.61	4574.131	2247.344

Sample Name: K4218-08 Acquired: 08/26/2019 16:14:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW495 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324656	-.023542	.0178970	.0243729	-.002234	.2838510	.0695981
Stddev	.0024241	.002913	.0018202	.0006401	.000180	.0111219	.0006640
%RSD	7.466676	12.37460	10.17060	2.626097	8.042661	3.918199	.9540888

#1	.0323604	-.025367	.0199613	.0250814	-.002102	.2963430	.0697174
#2	.0349407	-.025076	.0165225	.0238364	-.002439	.2801852	.0688825
#3	.0300959	-.020182	.0172073	.0242010	-.002162	.2750248	.0701944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001780	-.000261	101.8782	.0011042	.0002969	.0000469	1.288461
Stddev	.0000296	.000084	.5556	.0004328	.0002673	.0006062	.018724
%RSD	16.63828	32.14395	.5453842	39.19752	90.02344	1292.172	1.453182

#1	.0001545	-.000308	102.4989	.0013627	.0003812	-.000600	1.287050
#2	.0002113	-.000164	101.7085	.0006045	-.000002	.000601	1.270482
#3	.0001684	-.000311	101.4273	.0013454	.000512	.000140	1.307850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7160614	20.46166	.0033727	.0005780	14.23381	.0041276	.0169826
Stddev	.0012926	.10884	.0004581	.0003316	.09558	.0025232	.0010951
%RSD	.1805155	.5318997	13.58339	57.37459	.6714809	61.12935	6.448300

#1	.7175350	20.58501	.0038742	.0008825	14.30335	.0064855	.0157191
#2	.7155298	20.42080	.0032680	.0006270	14.27326	.0044310	.0176564
#3	.7151193	20.37917	.0029761	.0002246	14.12482	.0014665	.0175725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.589072	.1570803	.2101461	.0054775	16.69451	9.368511	.0217701
Stddev	.063014	.0058710	.0015678	.0000147	.37276	.054722	.0005148
%RSD	1.127456	3.737553	.7460351	.2676260	2.232850	.5841061	2.364726

#1	5.536184	.1623202	.2093982	.0054796	16.78136	9.381084	.0223368
#2	5.572238	.1507353	.2090922	.0054619	16.28599	9.308596	.0213314
#3	5.658794	.1581855	.2119477	.0054910	17.01618	9.415852	.0216422

Sample Name: K4218-08 Acquired: 08/26/2019 16:14:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW495 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025748	-.008519	1.234539
Stddev	.0004674	.001982	.001679
%RSD	18.15196	23.26318	.1359916

#1	.0029650	-.006401	1.236213
#2	.0027025	-.010328	1.234550
#3	.0020568	-.008828	1.232855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.685	2351.646	30374.39	4816.523	2493.582
Stddev	42.582	35.112	921.17	10.145	39.400
%RSD	2.988876	1.493097	3.032704	.2106234	1.580068

#1	1399.579	2343.438	29840.08	4805.741	2489.552
#2	1400.625	2390.135	29845.04	4825.880	2534.842
#3	1473.851	2321.364	31438.06	4817.947	2456.351

Sample Name: K4218-18 Acquired: 08/26/2019 16:18:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS495 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172923	-.007580	.0066393	.0099216	-.003391	.4303885	.0402123
Stddev	.0039916	.000980	.0004140	.0027276	.001616	.0091433	.0002004
%RSD	23.08309	12.92663	6.234897	27.49167	47.66986	2.124426	.4982589

#1	.0218425	-.007988	.0061690	.0078202	-.004690	.4381568	.0402596
#2	.0156532	-.008290	.0069487	.0130040	-.003901	.4326962	.0403848
#3	.0143812	-.006462	.0068001	.0089405	-.001581	.4203124	.0399925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001700	-.000228	48.55856	.0017056	-.000353	.0012957	.6631758
Stddev	.0000419	.000054	.28904	.0001928	.000218	.0017711	.0062618
%RSD	24.63557	23.63676	.5952344	11.30352	61.81121	136.6969	.9442154

#1	.0001819	-.000214	48.80836	.0016857	-.000131	.0021281	.6656382
#2	.0001234	-.000287	48.24198	.0019075	-.000567	.0024972	.6560571
#3	.0002046	-.000182	48.62535	.0015235	-.000359	-.000738	.6678321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502211	13.15980	.0028356	.0000681	15.21841	.0008764	.0106483
Stddev	.0003564	.08727	.0002590	.0003433	.07242	.0031506	.0006628
%RSD	.7097240	.6631314	9.133205	504.3105	.4758406	359.4810	6.223998

#1	.0502391	13.19753	.0030122	.0001816	15.30119	-.002268	.0114059
#2	.0498561	13.06002	.0025383	-.000318	15.16677	.004033	.0101759
#3	.0505683	13.22186	.0029564	.000340	15.18728	.000864	.0103632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.945471	.1348439	.0685973	.0031466	10.32892	2.895333	.0065739
Stddev	.031784	.0030546	.0007884	.0001795	.29504	.012802	.0001972
%RSD	.8055883	2.265264	1.149301	5.705089	2.856403	.4421745	2.999203

#1	3.908816	.1314650	.0676930	.0029788	10.01486	2.893615	.0064172
#2	3.965398	.1374095	.0689590	.0031252	10.60028	2.883476	.0067953
#3	3.962199	.1356573	.0691400	.0033359	10.37163	2.908907	.0065092

Sample Name: K4218-18 Acquired: 08/26/2019 16:18:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS495 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054528	-.011898	.5046720
Stddev	.0011955	.000424	.0023087
%RSD	21.92436	3.567376	.4574628

#1	.0058427	-.011481	.5043845
#2	.0064047	-.012329	.5025206
#3	.0041111	-.011885	.5071110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.261	2337.059	30130.57	4765.347	2449.716
Stddev	10.604	53.761	20.98	4.854	59.302
%RSD	.7408835	2.300385	.0696436	.1018522	2.420767

#1	1420.822	2398.306	30123.65	4762.196	2515.939
#2	1430.939	2297.663	30113.93	4770.936	2401.519
#3	1442.022	2315.210	30154.15	4762.909	2431.690

Sample Name: K4255-01 Acquired: 08/26/2019 16:22:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388696	-.029336	.0157217	.0303348	-.001299	.0968851	.0924997
Stddev	.0040215	.002645	.0025078	.0020038	.001227	.0198257	.0095179
%RSD	10.34609	9.017196	15.95107	6.605719	94.45428	20.46308	10.28966

#1	.0365607	-.027011	.0157895	.0301138	-.000979	.1170032	.1033326
#2	.0435132	-.028782	.0131807	.0284506	-.002655	.0773655	.0854781
#3	.0365349	-.032214	.0181948	.0324399	-.000264	.0962865	.0886883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001976	-.000490	121.9186	.0000766	.0003192	-.003364	8.286895
Stddev	.0000111	.000073	13.2893	.0006493	.0001942	.001567	.876342
%RSD	5.629796	14.93421	10.90018	847.7123	60.82529	46.59893	10.57503

#1	.0001859	-.000503	136.9611	.0005836	.0003181	-.004350	9.278001
#2	.0001988	-.000411	111.7709	.0003014	.0005140	-.004185	7.614546
#3	.0002081	-.000556	117.0237	-.000655	.0001256	-.001556	7.968138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7845569	25.67310	.0019377	.0005480	16.83677	.0026615	.0051131
Stddev	.0847459	2.78231	.0002657	.0003669	1.62835	.0002235	.0009917
%RSD	10.80175	10.83744	13.71457	66.94479	9.671379	8.398193	19.39460

#1	.8798783	28.82547	.0021319	.0007693	18.68166	.0025747	.0040993
#2	.7177327	23.56013	.0016348	.0007502	15.60002	.0024944	.0060811
#3	.7560598	24.63368	.0020464	.0001245	16.22862	.0029154	.0051588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632887	.3507408	.2928578	.0035266	15.35354	11.43942	.0283970
Stddev	.803055	.0071239	.0324528	.0001690	.18350	1.24236	.0021104
%RSD	12.10717	2.031093	11.08143	4.792175	1.195174	10.86033	7.431566

#1	7.549984	.3483974	.3295797	.0033740	15.21864	12.85170	.0307097
#2	6.055604	.3587411	.2680305	.0037082	15.56250	10.51525	.0279058
#3	6.293072	.3450838	.2809632	.0034977	15.27949	10.95129	.0265757

Sample Name: K4255-01 Acquired: 08/26/2019 16:22:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008356	-.006210	1.451005
Stddev	.0006975	.002113	.144799
%RSD	83.47858	34.02407	9.979233

#1	.0014147	-.005311	1.616363
#2	.0010308	-.004694	1.346888
#3	.0000612	-.008623	1.389766

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.735	2321.672	30129.45	4570.014	2486.344
Stddev	29.186	16.938	567.13	455.181	20.985
%RSD	2.076228	.7295614	1.882297	9.960165	.8439957

#1	1407.961	2332.766	30099.86	4056.200	2502.309
#2	1433.745	2302.176	30710.79	4922.765	2462.576
#3	1375.500	2330.075	29577.70	4731.077	2494.147

Sample Name: CCV053 Acquired: 08/26/2019 16:30:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915281	5.193347	24.94948	4.996940	5.062432	409.1424	10.10434
Stddev	.005311	.017067	.04658	.030674	.011570	1.8132	.02526
%RSD	.1080560	.3286337	.1867138	.6138617	.2285368	.4431624	.2500026

#1	4.918188	5.212500	24.99479	5.030814	5.075622	408.3503	10.10342
#2	4.909151	5.179749	24.95194	4.971042	5.057671	411.2168	10.13005
#3	4.918506	5.187793	24.90172	4.988963	5.054002	407.8601	10.07956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4941238	2.435082	404.4628	15.34888	2.504989	15.11834	412.7208
Stddev	.0048606	.005410	.9768	.02542	.002318	.03808	1.5430
%RSD	.9836852	.2221802	.2414999	.1656442	.0925168	.2518483	.3738592

#1	.4958881	2.440985	404.1424	15.34182	2.505899	15.08749	413.1498
#2	.4978559	2.433903	405.5596	15.37709	2.506712	15.16089	414.0039
#3	.4886274	2.430359	403.6865	15.32774	2.502354	15.10663	411.0087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90424	413.3983	2.522783	1.273652	395.7745	2.474605	15.00906
Stddev	.04684	.6772	.002534	.001494	.9700	.008469	.20412
%RSD	.3143037	.1638050	.1004386	.1172715	.2450939	.3422213	1.359952

#1	14.90028	412.9357	2.523439	1.273347	394.7173	2.465327	14.85255
#2	14.95294	414.1755	2.524925	1.275274	396.6234	2.481919	14.93470
#3	14.85951	413.0836	2.519986	1.272334	395.9829	2.476569	15.23993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.2822	5.188430	4.982418	4.866602	5.115720	4.920412	5.059649
Stddev	.6115	.009936	.047355	.018159	.039924	.046447	.005924
%RSD	.4042012	.1915009	.9504381	.3731351	.7804146	.9439705	.1170840

#1	151.0135	5.199831	5.000667	4.887561	5.159777	4.942602	5.066466
#2	151.9820	5.181619	5.017933	4.855592	5.081938	4.951602	5.055749
#3	150.8511	5.183839	4.928654	4.856653	5.105443	4.867032	5.056732

Sample Name: CCV053 Acquired: 08/26/2019 16:30:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.047434	5.028480	4.967879
Stddev	.007619	.021421	.042311
%RSD	.1509434	.4259845	.8516823

#1	5.043665	5.033446	4.968059
#2	5.056203	5.046981	5.010099
#3	5.042434	5.005012	4.925479

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.414	1905.282	26020.40	4337.878	2196.132
Stddev	5.571	3.282	83.25	32.440	3.152
%RSD	.5067675	.1722368	.3199582	.7478381	.1435404

#1	1105.548	1901.794	26115.80	4339.613	2192.923
#2	1098.026	1908.308	25982.98	4304.604	2196.250
#3	1094.667	1905.743	25962.43	4369.415	2199.224

Sample Name: K4255-09 Acquired: 08/26/2019 16:26:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: METOF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465035	-.037278	.0152199	.0357819	-.000228	.0861103	.0939580
Stddev	.0036453	.001767	.0004807	.0029610	.000328	.0093509	.0018081
%RSD	7.838827	4.739082	3.158322	8.275215	143.6305	10.85919	1.924317

#1	.0474942	-.038045	.0147665	.0342382	.000150	.0930183	.0939147
#2	.0424653	-.038531	.0157239	.0391958	-.000412	.0754696	.0921720
#3	.0495511	-.035257	.0151691	.0339116	-.000422	.0898429	.0957873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002747	-.000508	121.1164	.0000677	.0002446	-.002796	9.729902
Stddev	.0000368	.000086	2.0968	.0002380	.0001153	.000594	.200781
%RSD	13.39368	16.99406	1.731232	351.6804	47.14517	21.23092	2.063541

#1	.0003060	-.000483	121.2783	-.000090	.0001171	-.002884	9.798319
#2	.0002839	-.000437	118.9434	.000342	.0002752	-.003340	9.503854
#3	.0002342	-.000604	123.1276	-.000049	.0003415	-.002163	9.887532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7867249	25.39595	.0023169	.0002739	15.97063	.0021965	.0065087
Stddev	.0154316	.52188	.0006262	.0002911	.47600	.0023924	.0018327
%RSD	1.961496	2.054982	27.03032	106.2697	2.980473	108.9161	28.15776

#1	.7924765	25.57270	.0030212	.0002911	16.04388	.0049589	.0056508
#2	.7692435	24.80865	.0021067	.0005559	15.46226	.0008343	.0086130
#3	.7984547	25.80651	.0018227	-.000025	16.40577	.0007964	.0052623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.272898	.4311654	.2967234	.0029809	14.51779	11.64958	.0329798
Stddev	.187032	.0036215	.0062429	.0000455	.16039	.25632	.0016642
%RSD	2.981587	.8399328	2.103959	1.527301	1.104797	2.200292	5.046267

#1	6.304323	.4287717	.2965078	.0029952	14.36691	11.63308	.0343709
#2	6.072144	.4353318	.2905911	.0029299	14.68625	11.40190	.0334324
#3	6.442227	.4293928	.3030714	.0030175	14.50023	11.91375	.0311361

Sample Name: K4255-09 Acquired: 08/26/2019 16:26:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: METOF6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014616	-.005339	1.428307
Stddev	.0001728	.001369	.028873
%RSD	11.82055	25.63925	2.021475

#1	.0015019	-.003825	1.431126
#2	.0016106	-.005703	1.398128
#3	.0012722	-.006489	1.455667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.308	2294.123	29921.92	4815.155	2466.381
Stddev	37.549	20.559	616.21	72.773	25.983
%RSD	2.673835	.8961471	2.059391	1.511334	1.053485

#1	1387.552	2308.146	29789.82	4811.320	2488.703
#2	1378.054	2270.523	29382.48	4889.770	2437.859
#3	1447.317	2303.699	30593.47	4744.376	2472.582

Sample Name: CCB053 Acquired: 08/26/2019 16:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002723	-.000093	-.001147	.0026961	.0006245	.0286618	.0008304
Stddev	.0032864	.003480	.002466	.0005547	.0022116	.0078639	.0008342
%RSD	1206.753	3744.958	215.0080	20.57464	354.1210	27.43677	100.4613

#1	-.001684	-.003874	-.002757	.0024875	-.000709	.0296367	.0009032
#2	-.001565	.002975	-.002375	.0022758	.003177	.0359927	-.000038
#3	.004066	.000620	.001692	.0033248	-.000595	.0203559	.001626

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000537	-.000075	-.004323	.0011578	.0000961	.0055515	.0111062
Stddev	.0000835	.000045	.001376	.0004973	.0001611	.0011702	.0048886
%RSD	155.5290	60.02034	31.82817	42.95508	167.6237	21.07958	44.01670

#1	-.000033	-.000029	-.003861	.0016636	.0002817	.0064760	.0115010
#2	.000133	-.000077	-.003238	.0011404	-.000007	.0059429	.0060322
#3	.000061	-.000119	-.005871	.0006694	.000014	.0042358	.0157853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005259	-.002641	-.000182	.0001067	-.242213	-.000140	.0012629
Stddev	.0002533	.008400	.000156	.0002980	.115682	.001669	.0007122
%RSD	48.15439	318.0300	85.95690	279.3540	47.76023	1188.800	56.39064

#1	.0005879	-.012174	-.000047	-.000233	-.308062	-.002002	.0006591
#2	.0002474	.000570	-.000145	.000230	-.309938	.000357	.0020483
#3	.0007424	.003680	-.000353	.000323	-.108640	.001223	.0010813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065576	.0001374	.0037646	.0004779	.0052613	-.003781	-.001097
Stddev	.072931	.0003028	.0010256	.0001241	.0035063	.000347	.001874
%RSD	111.2156	220.4130	27.24431	25.96509	66.64312	9.167440	170.7681

#1	-.037861	-.000105	.0048684	.0006029	.0085903	-.003383	.001016
#2	-.010566	.000041	.0028410	.0004762	.0016012	-.004016	-.002558
#3	-.148302	.000477	.0035843	.0003547	.0055924	-.003944	-.001750

Sample Name: CCB053 Acquired: 08/26/2019 16:34:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v952) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002879	.0007093	.0001508
Stddev	.0001829	.0016207	.0000349
%RSD	63.52976	228.4983	23.15230

#1	.0004493	.0024328	.0001115
#2	.0003250	-.000784	.0001626
#3	.0000893	.000479	.0001783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.431	2148.950	27696.00	4505.886	2232.102
Stddev	2.752	4.994	105.19	20.218	5.301
%RSD	.2107779	.2324023	.3798130	.4486952	.2374810

#1	1307.577	2143.441	27650.34	4497.561	2225.991
#2	1302.329	2153.181	27816.30	4491.161	2234.853
#3	1306.387	2150.228	27621.34	4528.938	2235.462