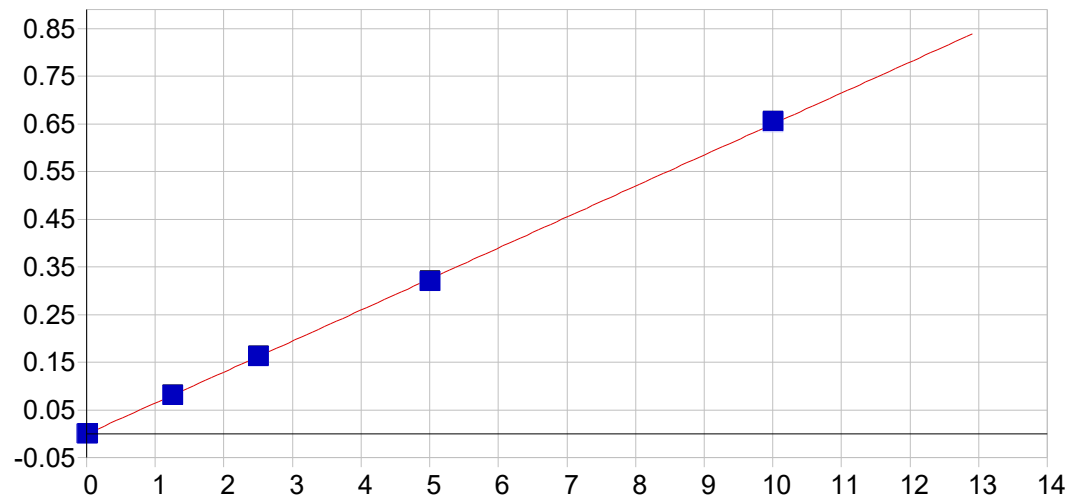


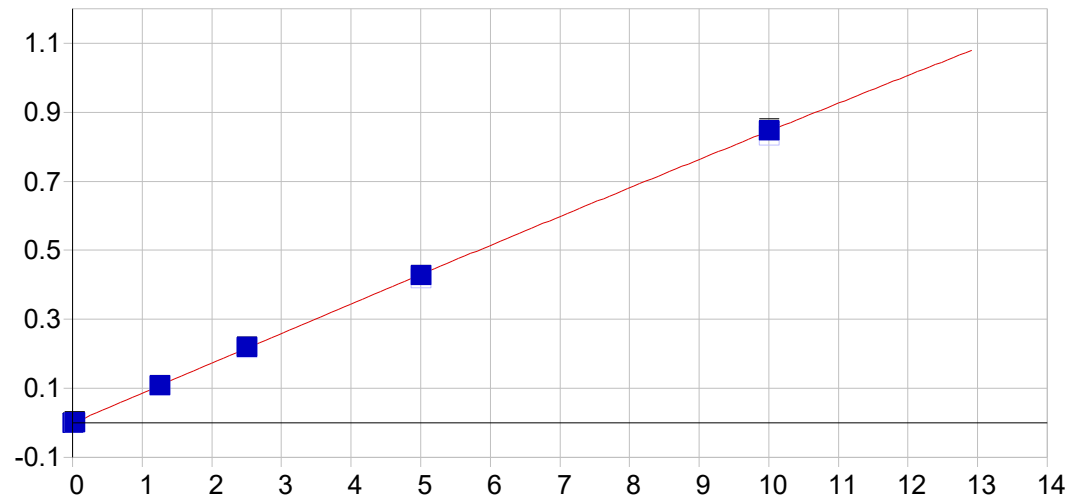


As 189.042 {479}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.065040 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003036
 Predicted MQL: 0.010120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01197	.002	19.7	.00014	.000	1
S2	1.2500	1.2499	-.000	-.007	.08036	.000	1
S3	2.5000	2.4979	-.002	-.082	.16124	.000	1
S4	5.0000	4.9292	-.071	-1.42	.31879	.000	1
S5	10.000	10.071	.071	.710	.65205	.001	1

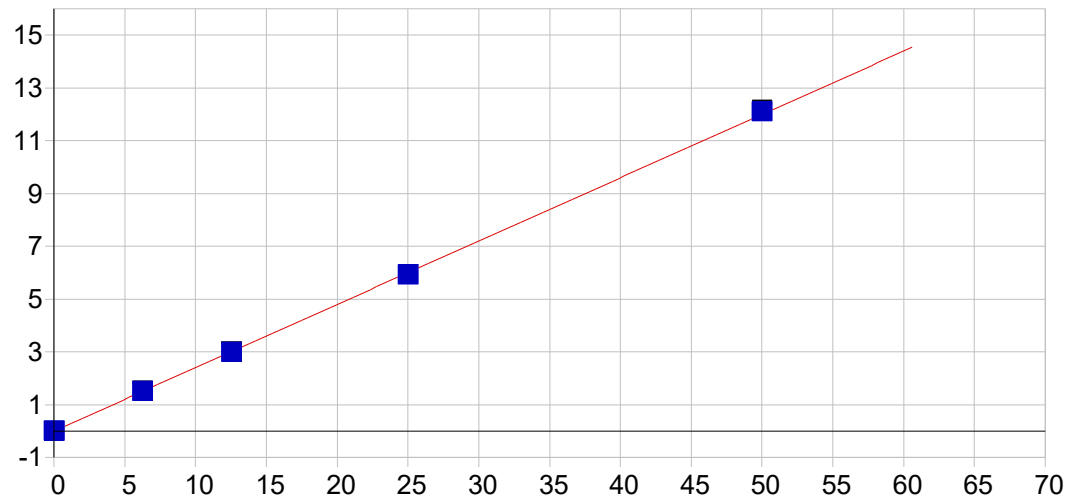


TI 190.856 {477}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.001308 Re-Slope: 1.000000
 A1 (Gain): 0.087846 Y-int: 0.000000
 A2 (Curvature): -0.000320
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002261
 Predicted MQL: 0.007538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00131	.000	1
S1	.02500	.02658	.002	6.33	.00094	.000	1
S2	1.2500	1.2526	.003	.204	.10620	.000	1
S3	2.5000	2.5244	.024	.976	.21436	.000	1
S4	5.0000	4.9549	-.045	-.902	.41799	.001	1
S5	10.000	10.017	.017	.166	.83026	.004	1

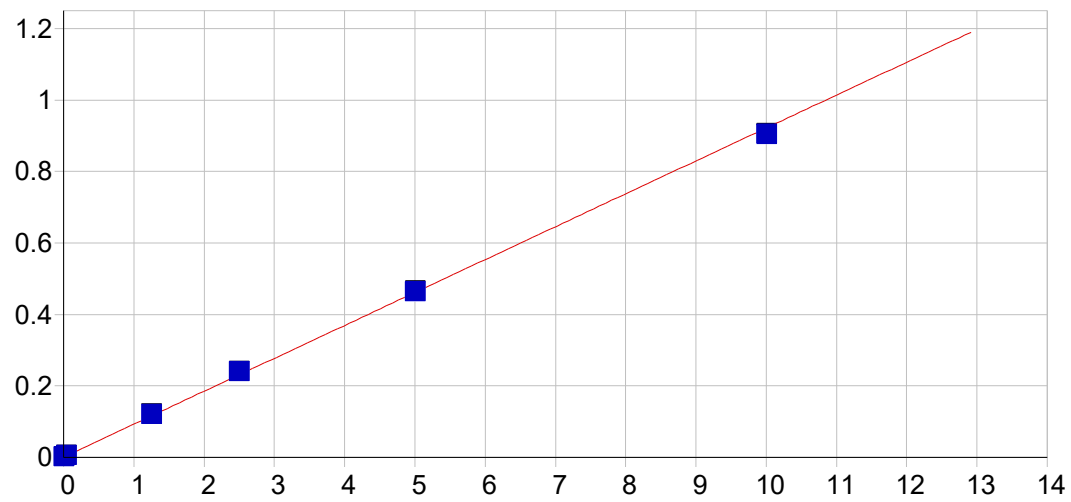


Pb 220.353 {453}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000333 Re-Slope: 1.000000
 A1 (Gain): 0.239911 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.001938
 Predicted MQL: 0.006459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.001	1
S1	.01000	.01260	.003	26.0	.00269	.000	1
S2	6.2500	6.2420	-.008	-.128	1.4970	.001	1
S3	12.500	12.431	-.069	-.552	2.9817	.008	1
S4	25.000	24.624	-.376	-1.51	5.9066	.001	1
S5	50.000	50.451	.451	.901	12.102	.043	1

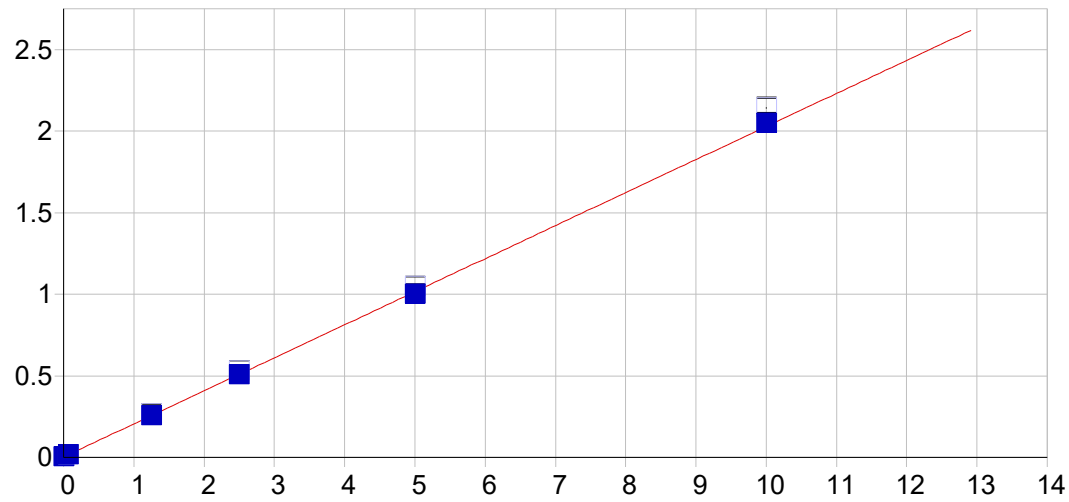


Se 196.090 {472}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000996 Re-Slope: 1.000000
 A1 (Gain): 0.092058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.002533
 Predicted MQL: 0.008442

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00099	.000	1
S1	.03500	.03974	.005	13.5	.00465	.000	1
S2	1.2500	1.2983	.048	3.86	.12021	.001	1
S3	2.5000	2.5976	.098	3.90	.23952	.001	1
S4	5.0000	5.0282	.028	.565	.46267	.001	1
S5	10.000	9.8212	-.179	-1.79	.90269	.001	1

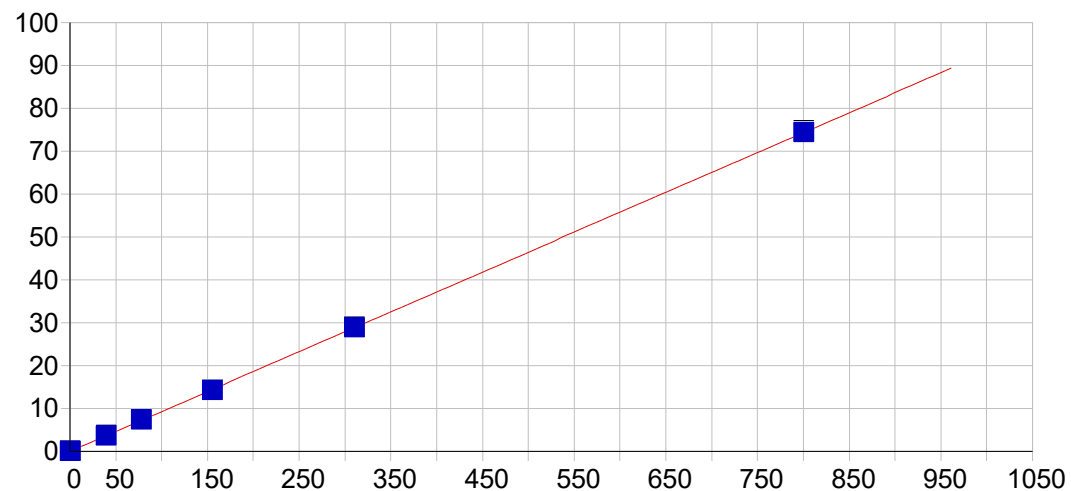


Sb 206.833 (463)

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002874 Re-Slope: 1.000000
 A1 (Gain): 0.202529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000127
 Predicted MDL: 0.001642
 Predicted MQL: 0.005474

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00287	.000	1
S1	.06000	.07038	.010	17.3	.01714	.000	1
S2	1.2500	1.2369	-.013	-1.05	.26504	.001	1
S3	2.5000	2.4799	-.020	-.806	.52843	.000	1
S4	5.0000	4.9209	-.079	-1.58	1.0461	.002	1
S5	10.000	10.102	.102	1.02	2.1422	.004	1

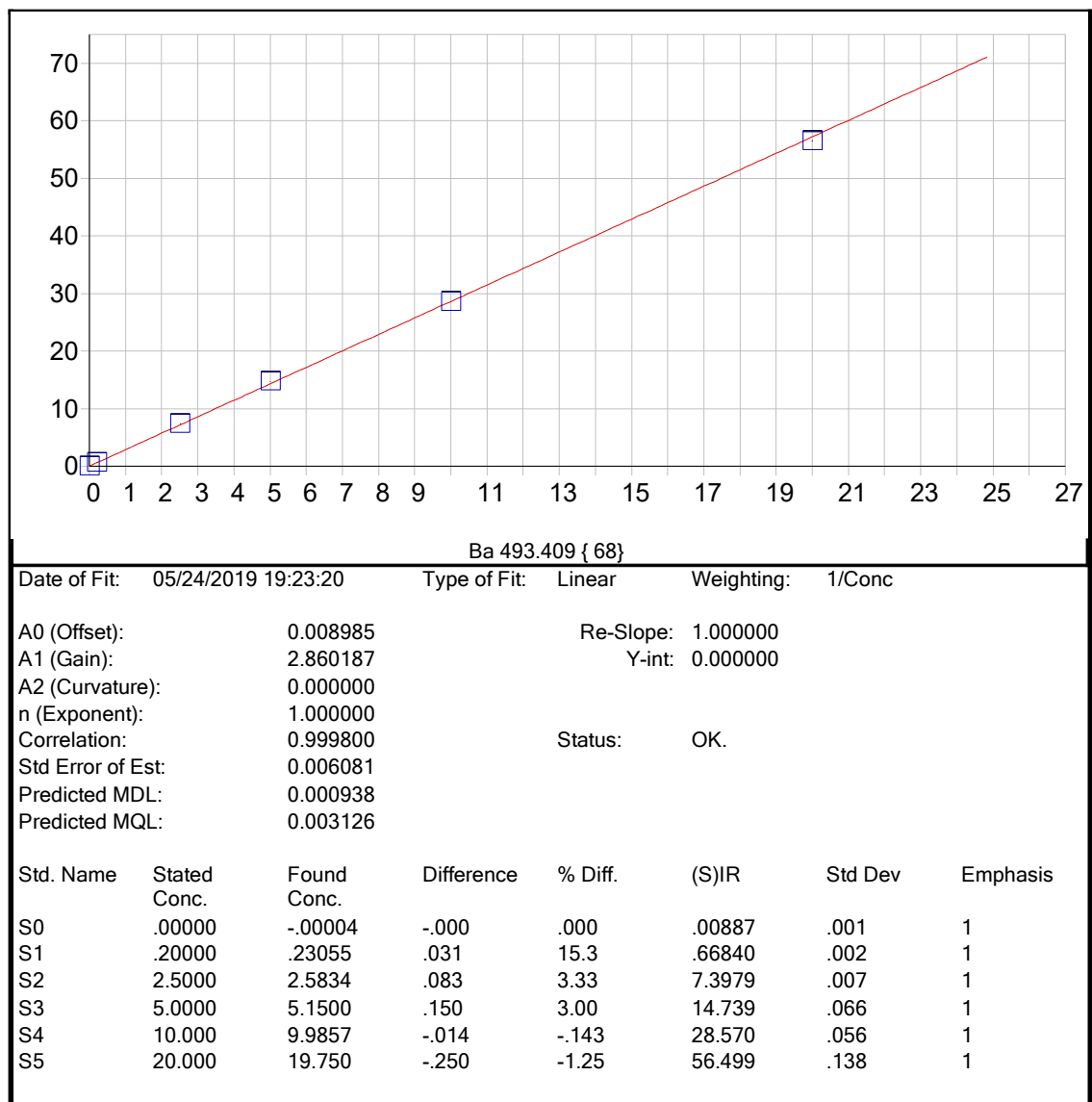


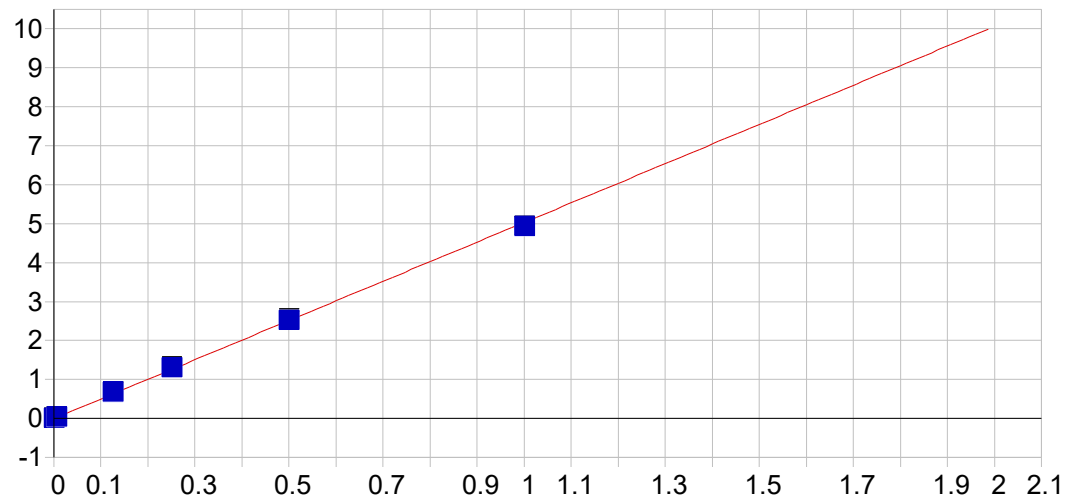
AI 396.152 { 85}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003547 Re-Slope: 1.000000
 A1 (Gain): 0.092926 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.009482
 Predicted MQL: 0.031607

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00354	.001	1
S1	.20000	.22851	.029	14.3	.02510	.001	1
S2	38.750	39.083	.333	.859	3.6426	.018	1
S3	77.500	77.871	.371	.479	7.2542	.039	1
S4	155.00	153.24	-1.76	-1.14	14.272	.062	1
S5	310.00	310.65	.649	.209	28.928	.037	1
S6	800.00	800.38	.379	.047	74.426	.412	1



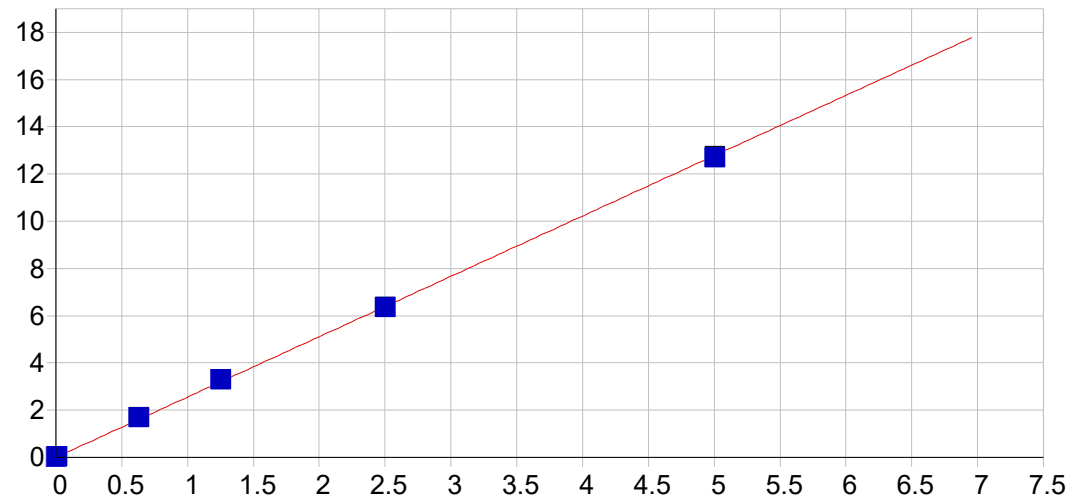


Be 234.861 {144}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002070 Re-Slope: 1.000000
 A1 (Gain): 5.031502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599 Status: OK.
 Std Error of Est: 0.000533
 Predicted MDL: 0.000064
 Predicted MQL: 0.000212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00208	.000	1
S1	.00500	.00574	.001	14.7	.02677	.000	1
S2	.12500	.13338	.008	6.70	.66694	.006	1
S3	.25000	.26023	.010	4.09	1.3031	.008	1
S4	.50000	.50090	.001	.179	2.5098	.034	1
S5	1.0000	.97976	-.020	-2.02	4.9109	.006	1

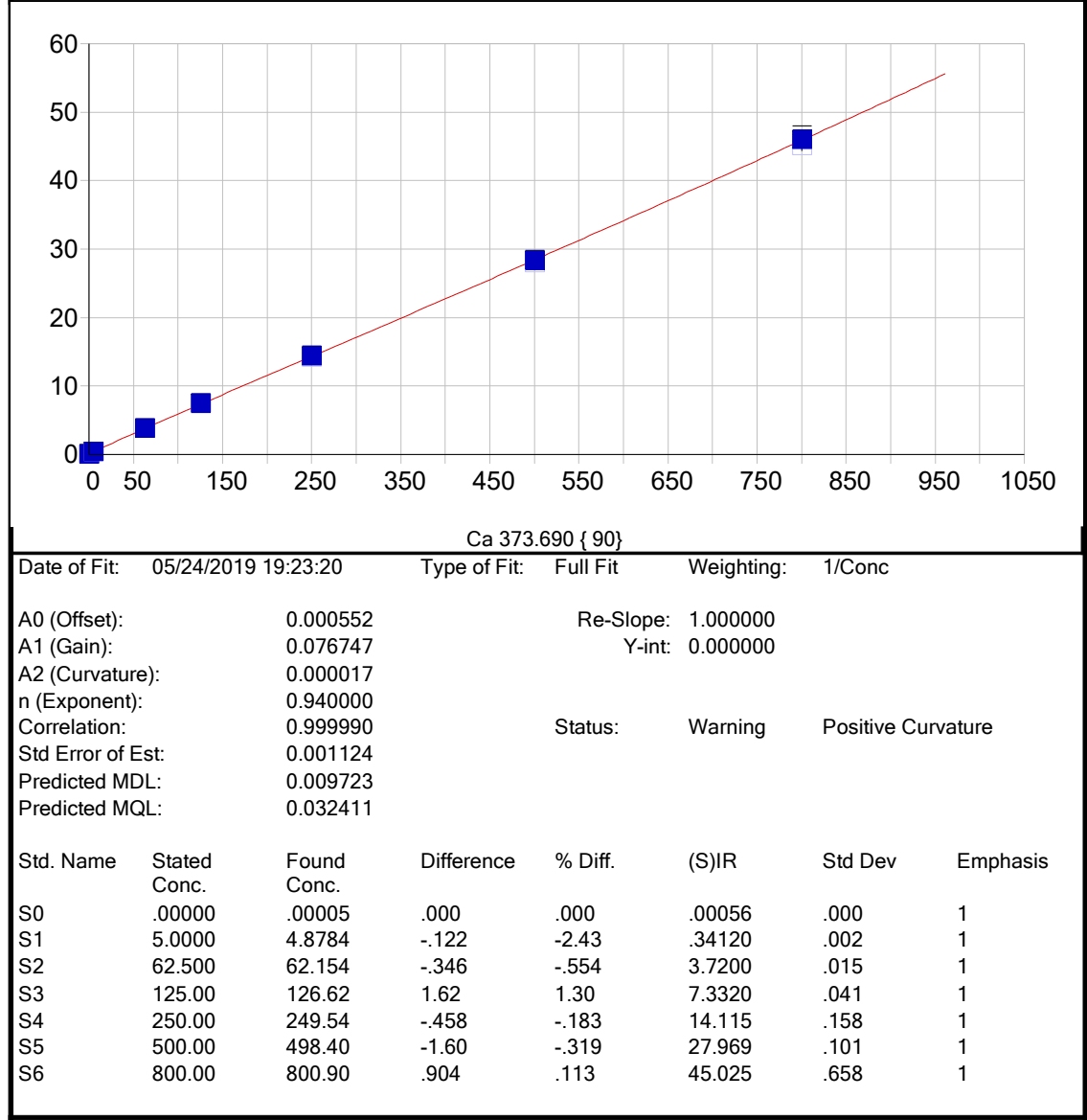


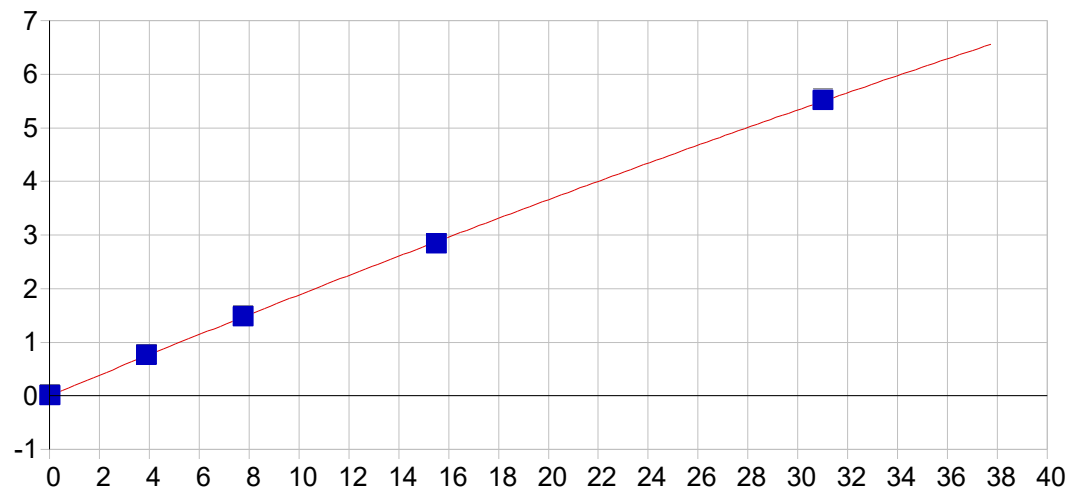
Cd 214.438 {457}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513 Re-Slope: 1.000000
 A1 (Gain): 2.555374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000374
 Predicted MDL: 0.000113
 Predicted MQL: 0.000375

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.00500	.00604	.001	20.8	.01595	.000	1
S2	.62500	.65357	.029	4.57	1.6731	.005	1
S3	1.2500	1.2821	.032	2.57	3.2817	.004	1
S4	2.5000	2.4784	-.022	-.865	6.3435	.003	1
S5	5.0000	4.9599	-.040	-.802	12.695	.045	1



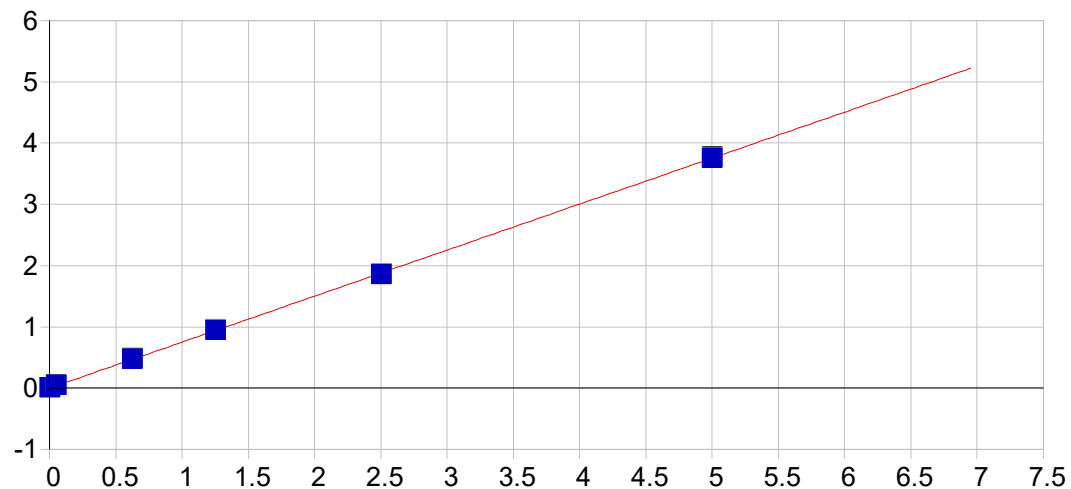


Cr 267.716 {126}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.193284 Y-int: 0.000000
 A2 (Curvature): -0.000518
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000536
 Predicted MQL: 0.001786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01178	.002	17.8	.00233	.000	1
S2	3.8750	3.9529	.078	2.01	.75692	.002	1
S3	7.7500	7.8058	.056	.720	1.4791	.004	1
S4	15.500	15.263	-.237	-1.53	2.8333	.003	1
S5	31.000	31.103	.103	.332	5.5182	.013	1

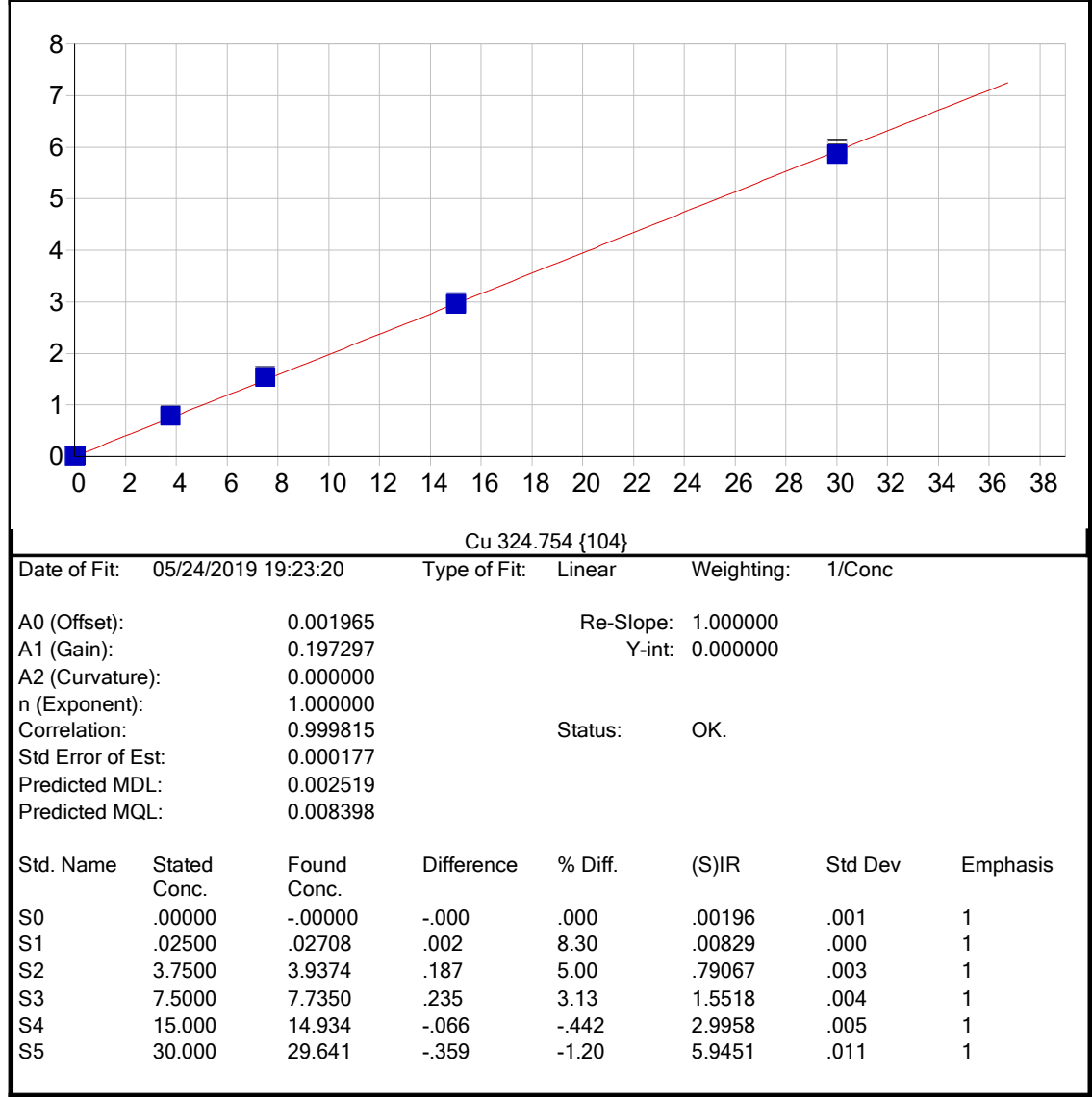


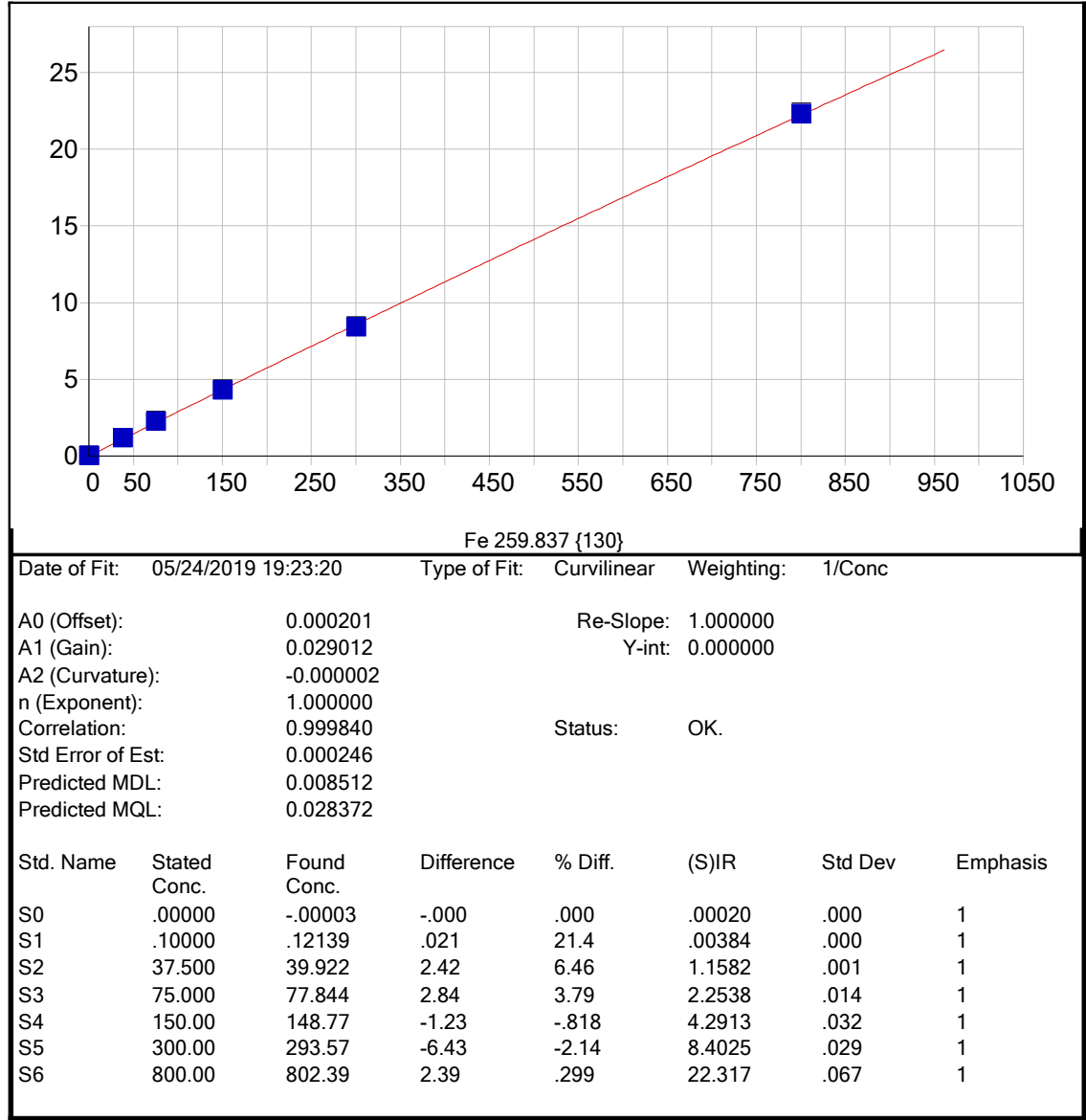
Co 228.616 {448}

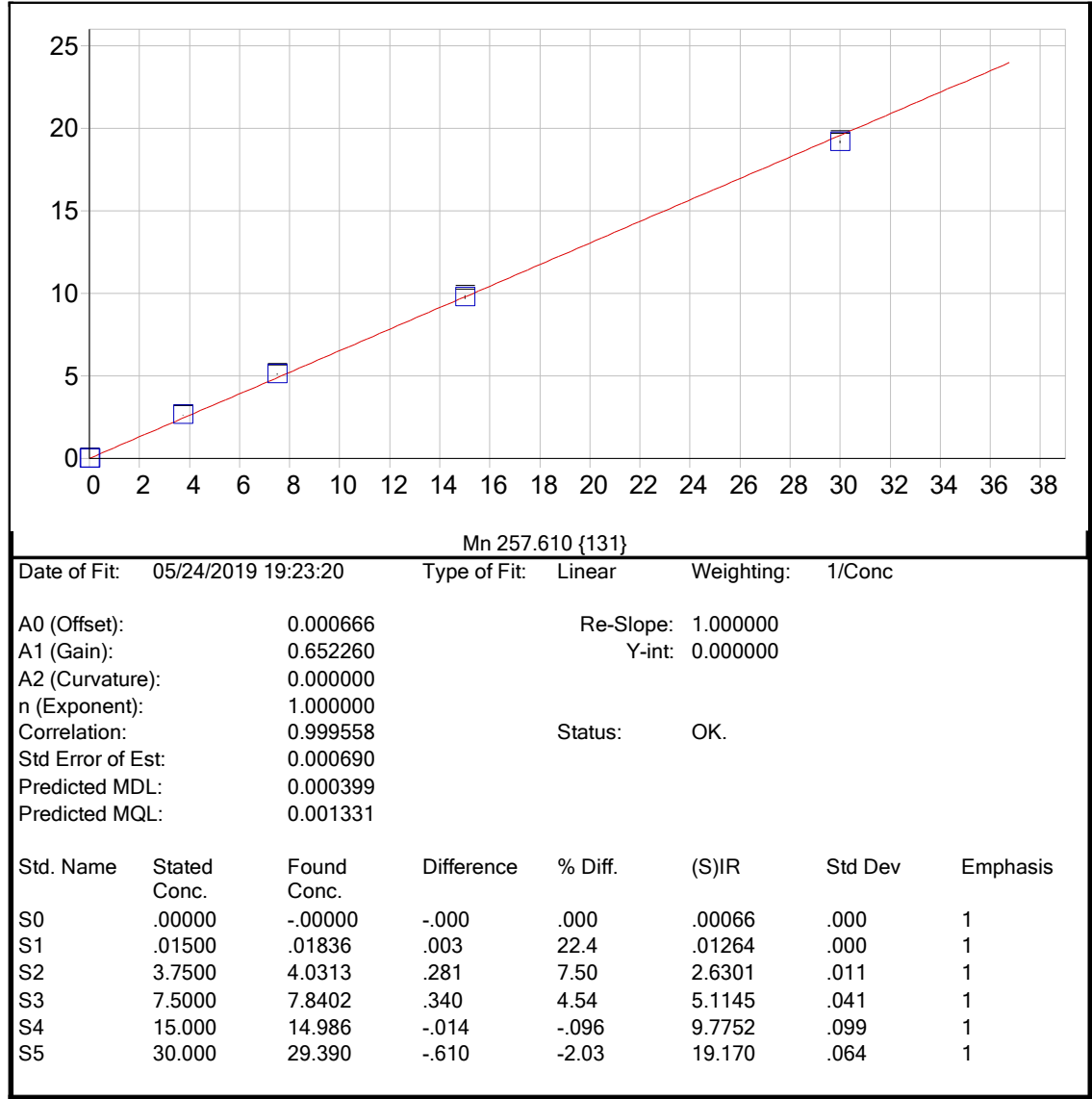
Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

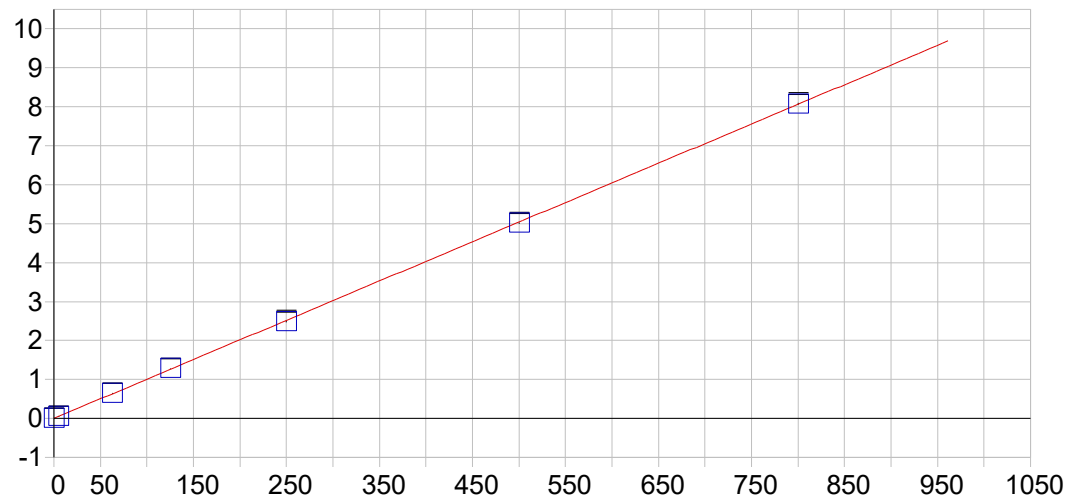
A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.751069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000250
 Predicted MDL: 0.000366
 Predicted MQL: 0.001218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.05000	.05663	.007	13.3	.04259	.000	1
S2	.62500	.63423	.009	1.48	.47702	.001	1
S3	1.2500	1.2620	.012	.961	.94928	.002	1
S4	2.5000	2.4707	-.029	-1.17	1.8585	.002	1
S5	5.0000	5.0014	.001	.029	3.7623	.013	1







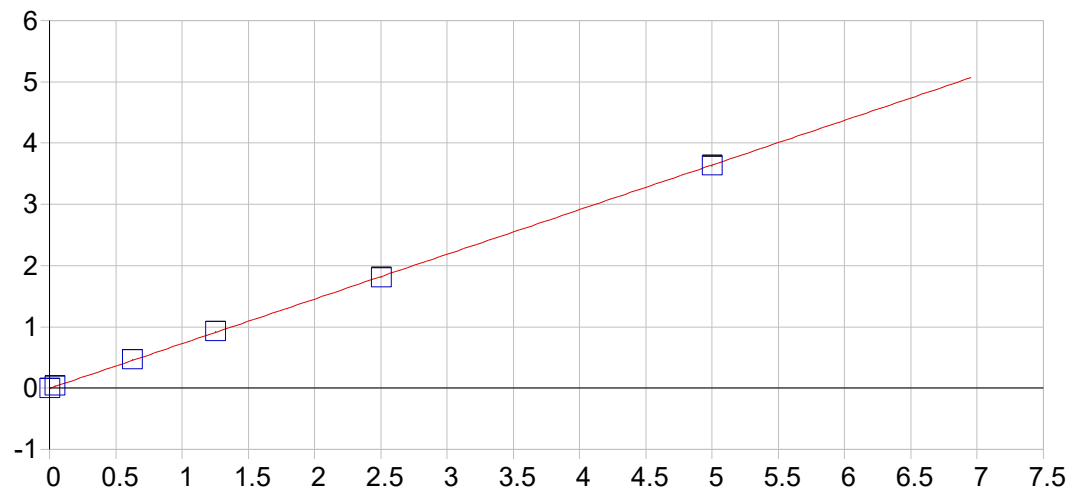


Mg 279.079 {121}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000039 Re-Slope: 1.000000
 A1 (Gain): 0.010078 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000408
 Predicted MDL: 0.027588
 Predicted MQL: 0.091961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00090	-.001	.000	-.00005	.000	1
S1	5.0000	5.7862	.786	15.7	.05828	.000	1
S2	62.500	64.031	1.53	2.45	.64528	.003	1
S3	125.00	126.76	1.76	1.41	1.2775	.006	1
S4	250.00	247.09	-2.91	-1.16	2.4902	.020	1
S5	500.00	497.55	-2.45	-.490	5.0144	.021	1
S6	800.00	801.28	1.28	.160	8.0754	.030	1

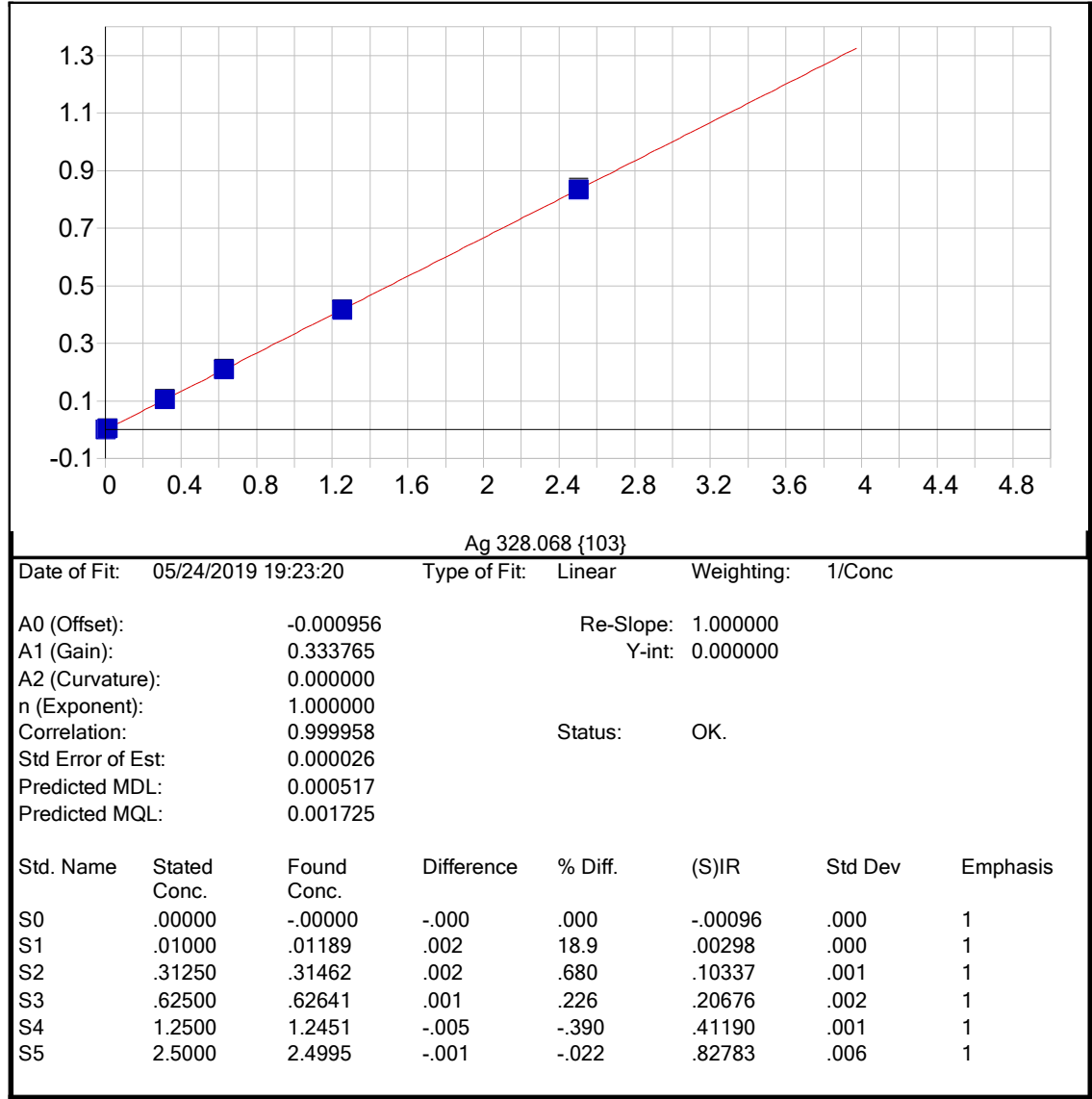


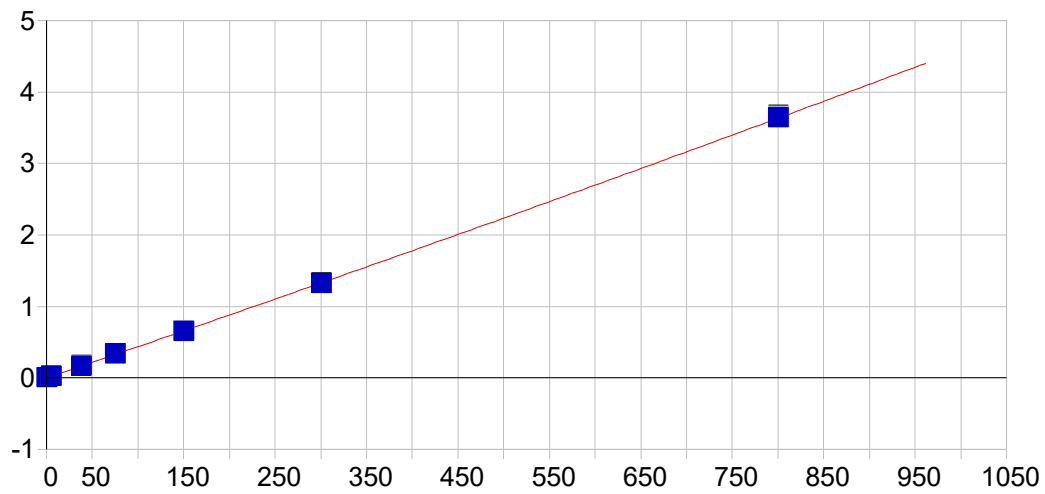
Ni 231.604 {446}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003713 Re-Slope: 1.000000
 A1 (Gain): 0.729341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.000498
 Predicted MQL: 0.001659

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00372	.000	1
S1	.04000	.04783	.008	19.6	.03117	.001	1
S2	.62500	.64200	.017	2.72	.46453	.001	1
S3	1.2500	1.2689	.019	1.51	.92175	.002	1
S4	2.5000	2.4785	-.021	-.859	1.8040	.002	1
S5	5.0000	4.9778	-.022	-.445	3.6268	.013	1



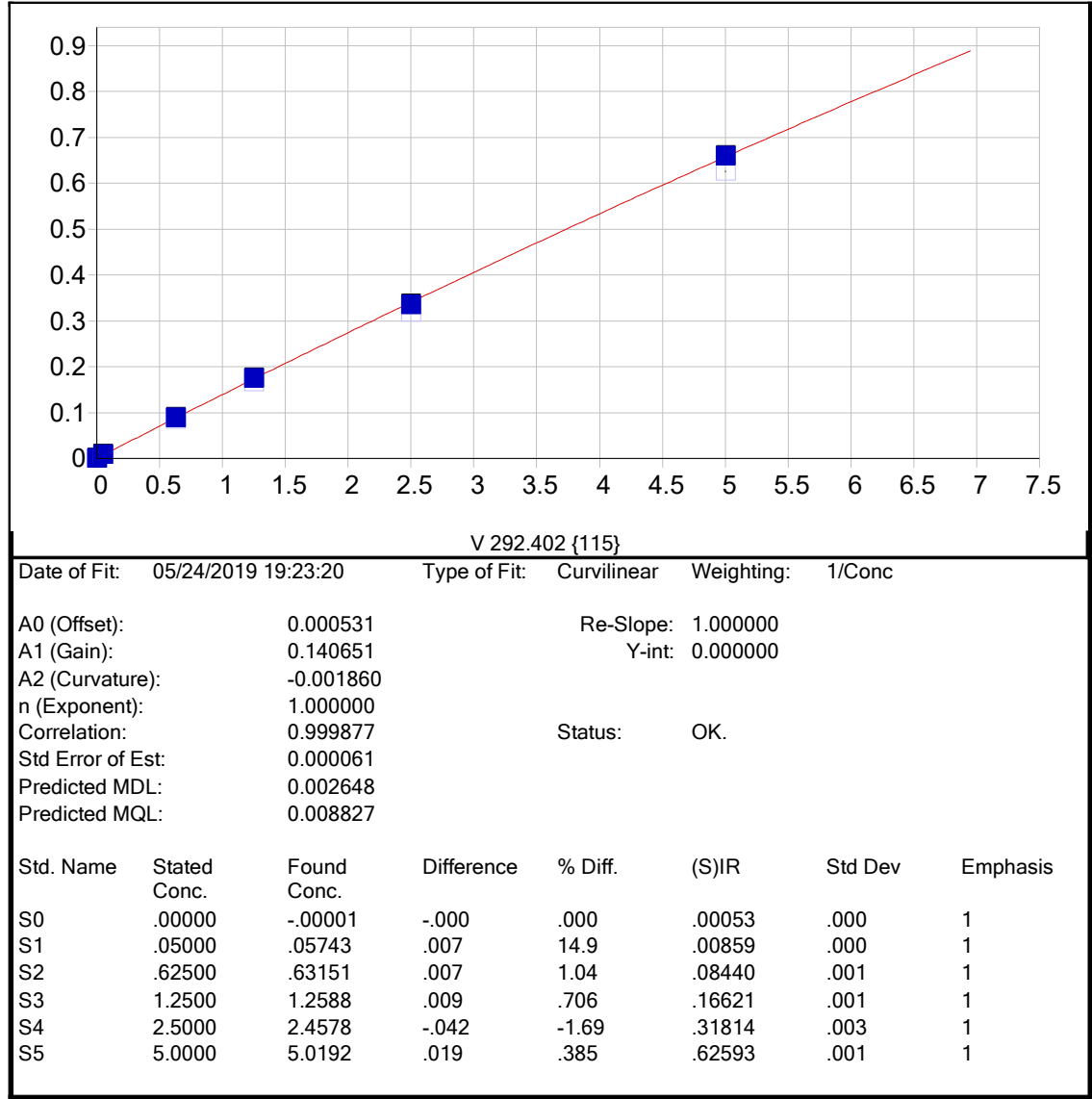


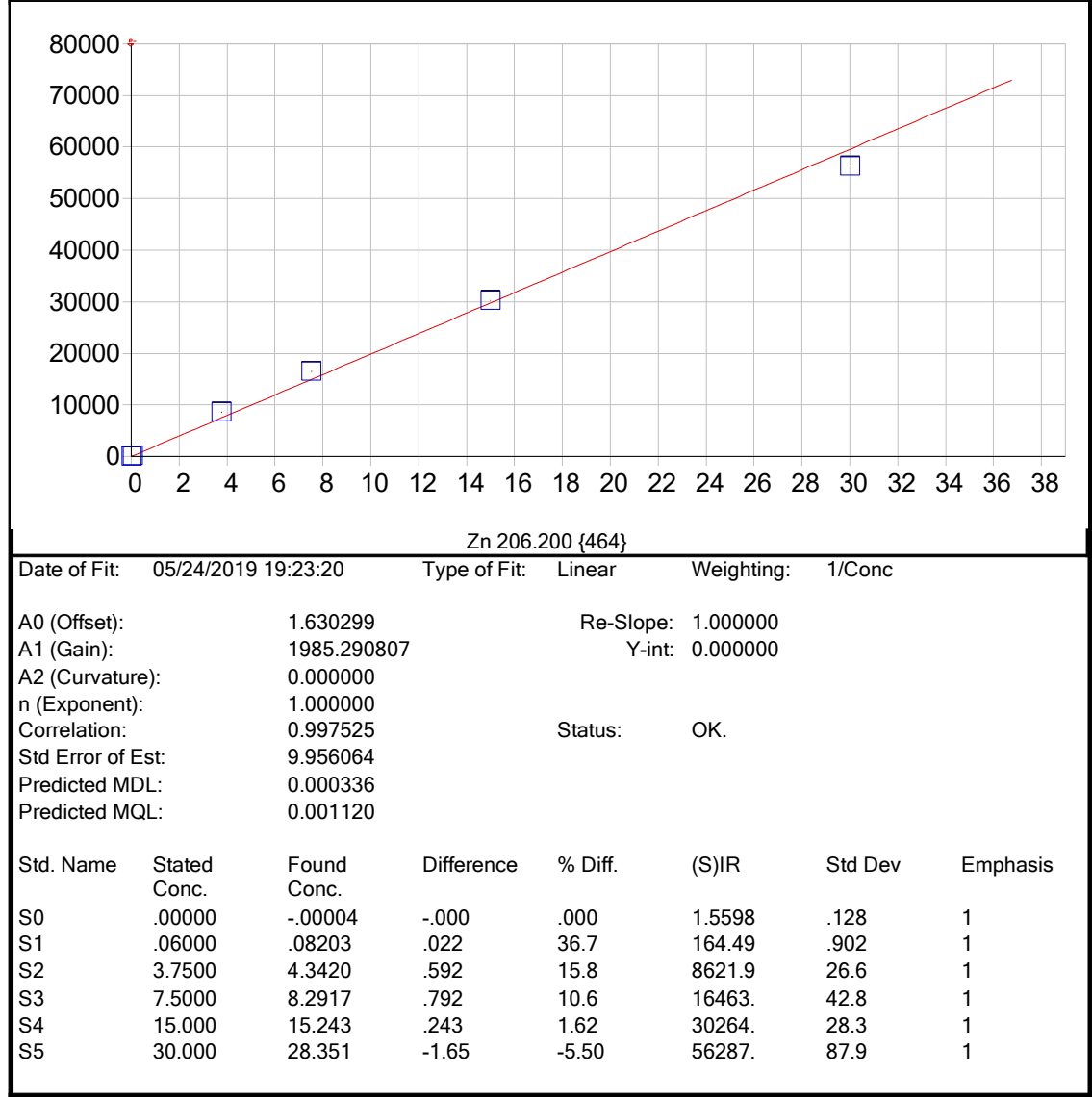
Na 818.326 { 41}

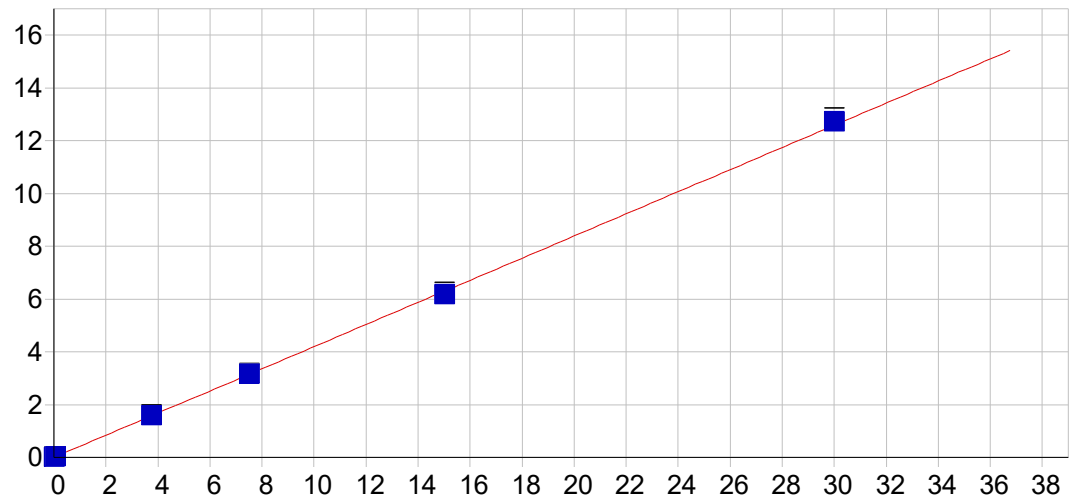
Date of Fit: 05/24/2019 19:23:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000753 Re-Slope: 1.000000
A1 (Gain): 0.004357 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999950 Status: Warning Positive Curvature
Std Error of Est: 0.000157
Predicted MDL: 0.322594
Predicted MQL: 1.075312

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00067	-.001	.000	-.00076	.001	1
S1	5.0000	5.5254	.525	10.5	.02333	.001	1
S2	37.500	38.640	1.14	3.04	.16868	.001	1
S3	75.000	76.245	1.24	1.66	.33426	.003	1
S4	150.00	148.33	-1.67	-1.11	.65356	.005	1
S5	300.00	297.87	-2.13	-.709	1.3236	.005	1
S6	800.00	800.89	.890	.111	3.6534	.019	1





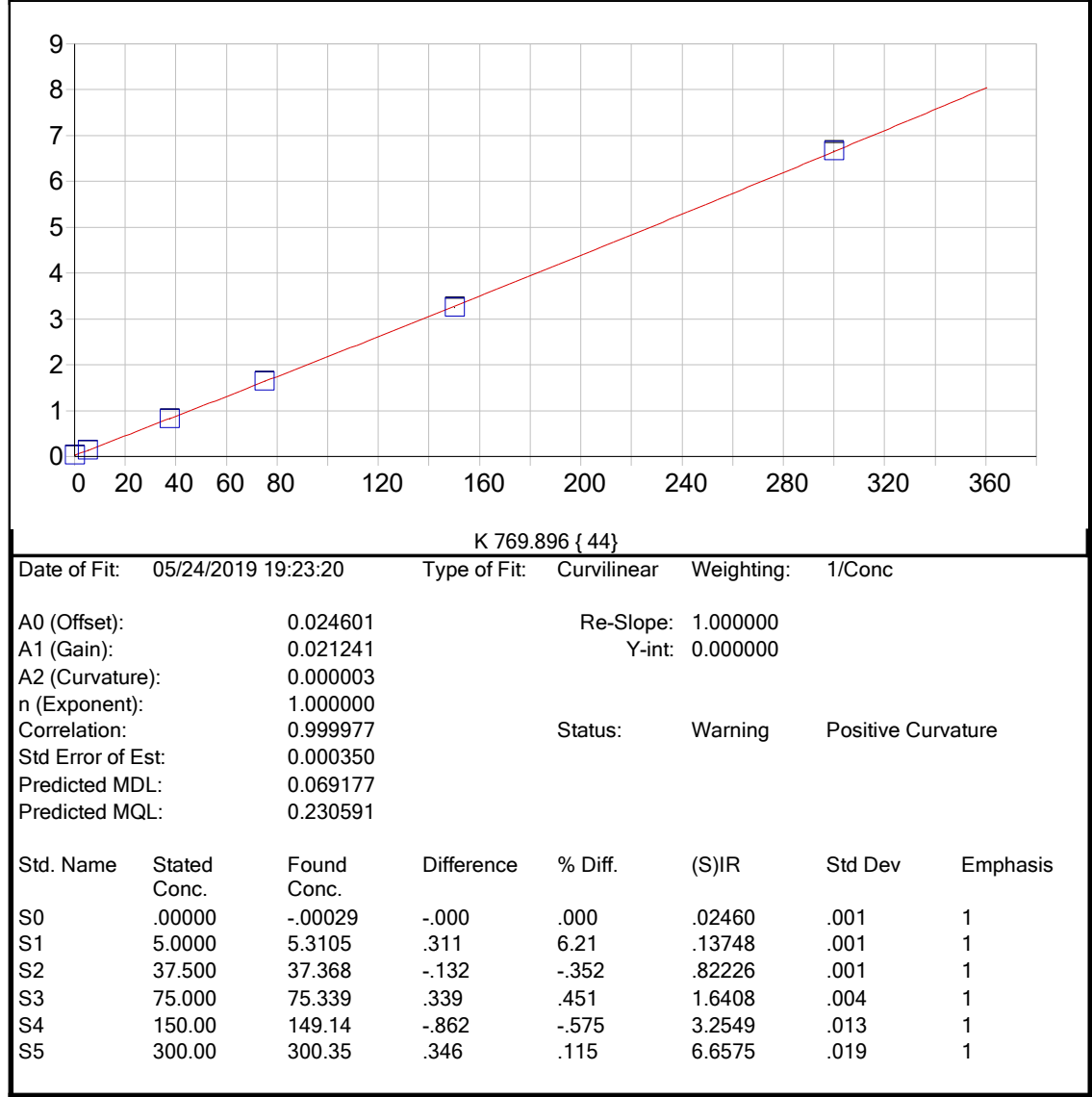


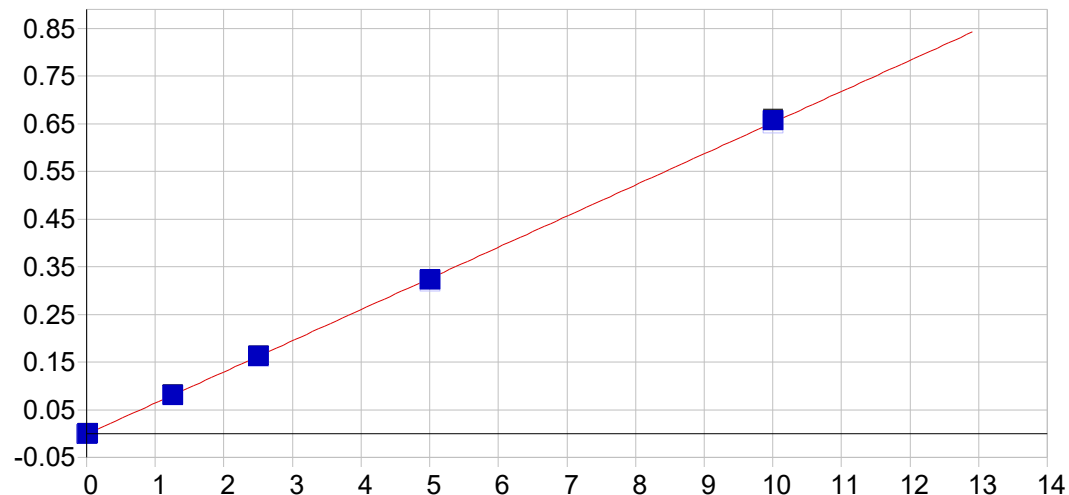
Zn 213.856 {158}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000399 Re-Slope: 1.000000
 A1 (Gain): 0.419399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000386
 Predicted MDL: 0.001583
 Predicted MQL: 0.005278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00040	.000	1
S1	.06000	.06691	.007	11.5	.02853	.001	1
S2	3.7500	3.7513	.001	.034	1.5763	.020	1
S3	7.5000	7.5063	.006	.084	3.1537	.020	1
S4	15.000	14.701	-.299	-1.99	6.1765	.078	1
S5	30.000	30.284	.284	.947	12.722	.140	1



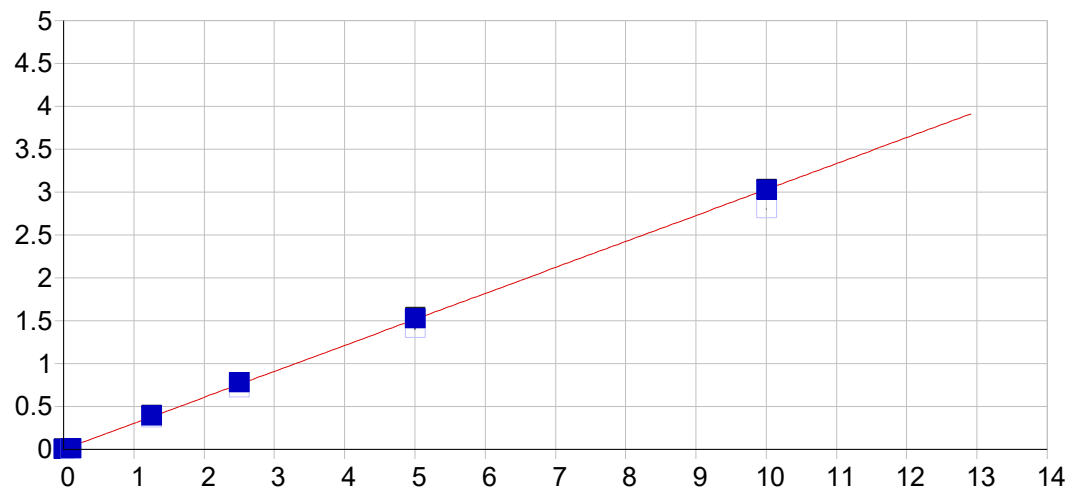


P 177.495 {490}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001360 Re-Slope: 1.000000
 A1 (Gain): 0.065367 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002348
 Predicted MQL: 0.007828

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00136	.000	1
S1	.01000	.01473	.005	47.3	-.00040	.000	1
S2	1.2500	1.2454	-.005	-.366	.07913	.000	1
S3	2.5000	2.4932	-.007	-.270	.15978	.000	1
S4	5.0000	4.9397	-.060	-1.21	.31787	.001	1
S5	10.000	10.067	.067	.669	.64935	.003	1

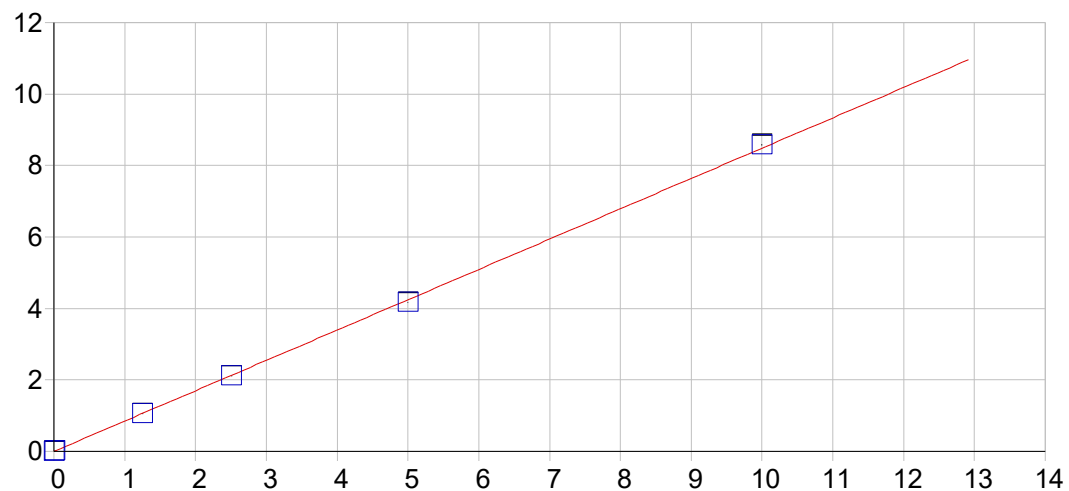


B 249.678 {135}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000482 Re-Slope: 1.000000
 A1 (Gain): 0.302943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997476 Status: OK.
 Std Error of Est: 0.001063
 Predicted MDL: 0.001066
 Predicted MQL: 0.003553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00051	.000	1
S1	.10000	.01077	-.089	-89.2	.00368	.000	1
S2	1.2500	1.2883	.038	3.06	.36328	.003	1
S3	2.5000	2.5552	.055	2.21	.71959	.002	1
S4	5.0000	5.0210	.021	.420	1.4116	.018	1
S5	10.000	9.9815	-.018	-.185	2.8044	.004	1

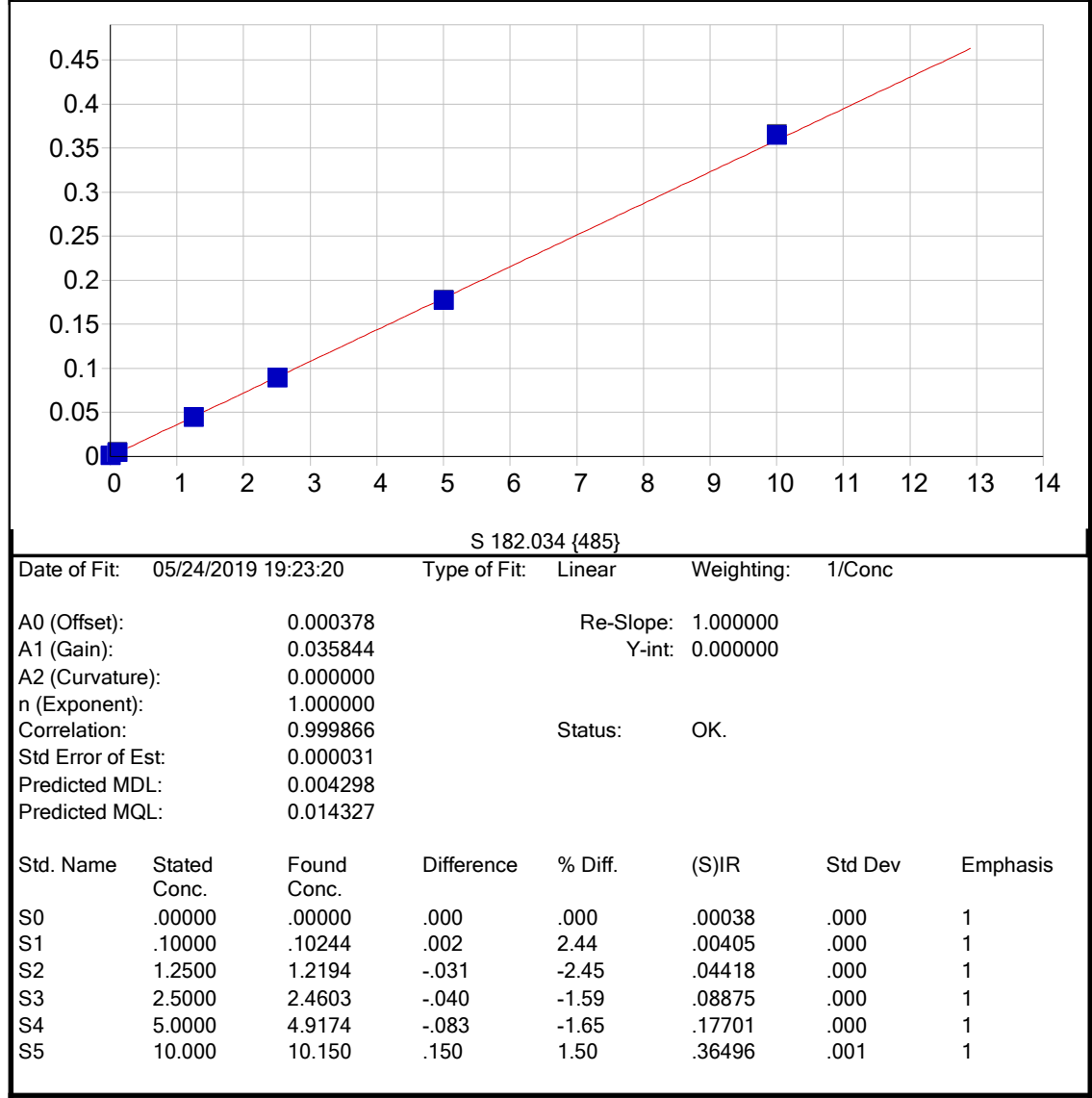


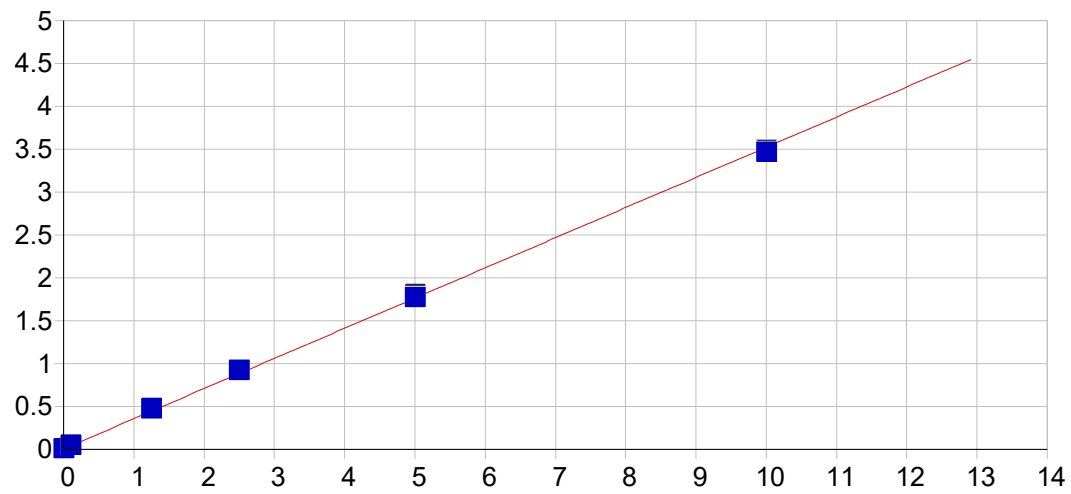
Mo 202.030 {467}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000801 Re-Slope: 1.000000
 A1 (Gain): 0.848485 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.000351
 Predicted MQL: 0.001170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00080	.000	1
S1	.01000	.01096	.001	9.62	.01010	.000	1
S2	1.2500	1.2403	-.010	-.780	1.0531	.002	1
S3	2.5000	2.4871	-.013	-.516	2.1111	.002	1
S4	5.0000	4.9079	-.092	-1.84	4.1651	.008	1
S5	10.000	10.114	.114	1.14	8.5822	.012	1



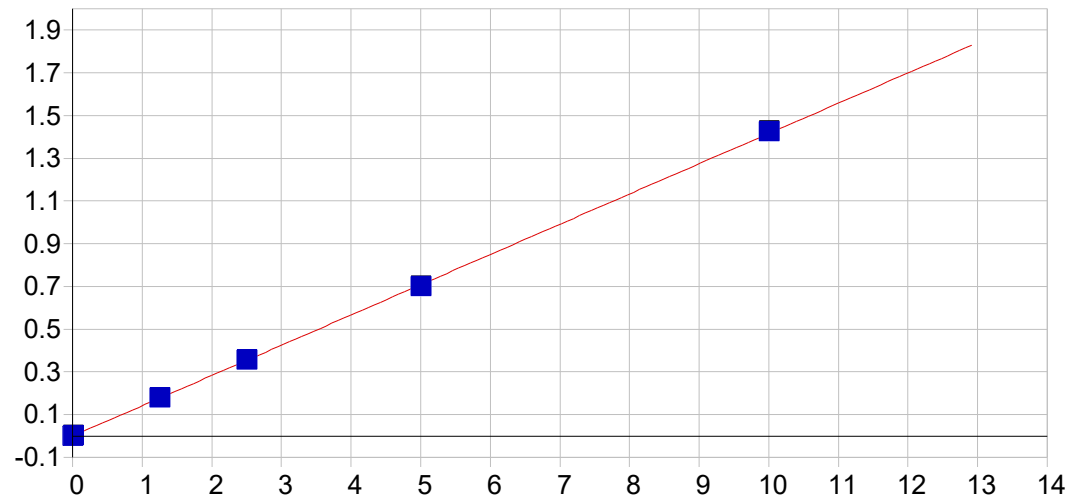


Si 251.611 {134}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005652 Re-Slope: 1.000000
 A1 (Gain): 0.351710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000475
 Predicted MDL: 0.001062
 Predicted MQL: 0.003540

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00564	.000	1
S1	.10000	.11305	.013	13.0	.04554	.001	1
S2	1.2500	1.3231	.073	5.85	.47491	.003	1
S3	2.5000	2.5863	.086	3.45	.92305	.005	1
S4	5.0000	5.0061	.006	.122	1.7819	.022	1
S5	10.000	9.8215	-.178	-1.78	3.4911	.004	1

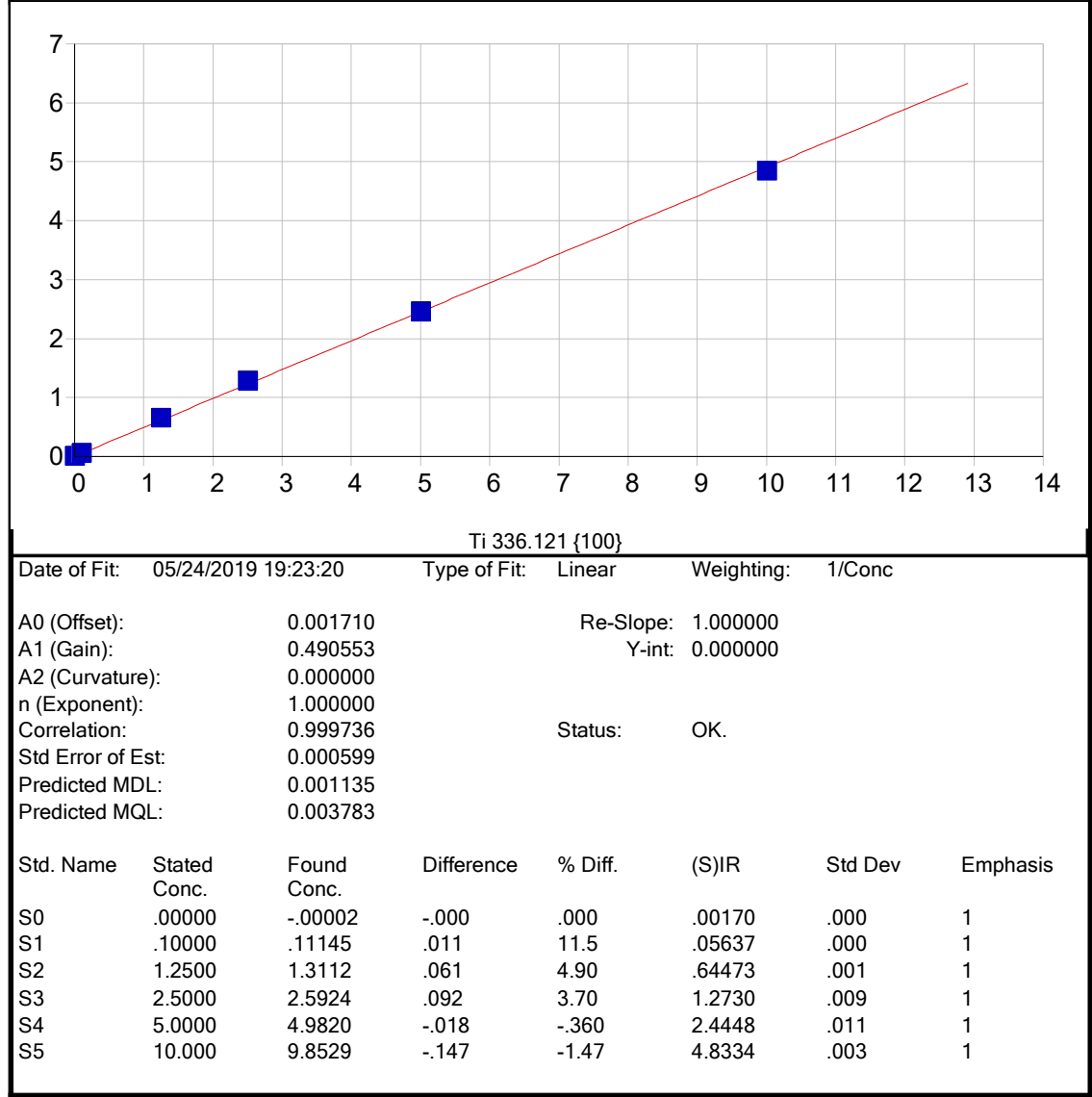


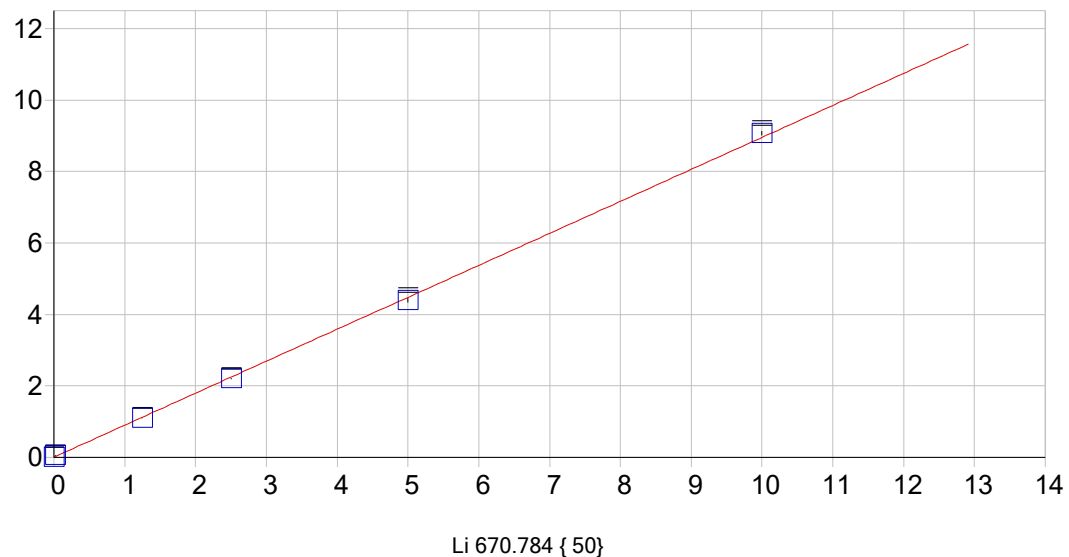
Sn 189.989 {478}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.141631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001195
 Predicted MQL: 0.003983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.00700	.00762	.001	8.84	.00104	.000	1
S2	1.2500	1.2530	.003	.244	.17709	.001	1
S3	2.5000	2.5069	.007	.275	.35431	.001	1
S4	5.0000	4.9382	-.062	-1.24	.69793	.001	1
S5	10.000	10.051	.051	.512	1.4206	.003	1

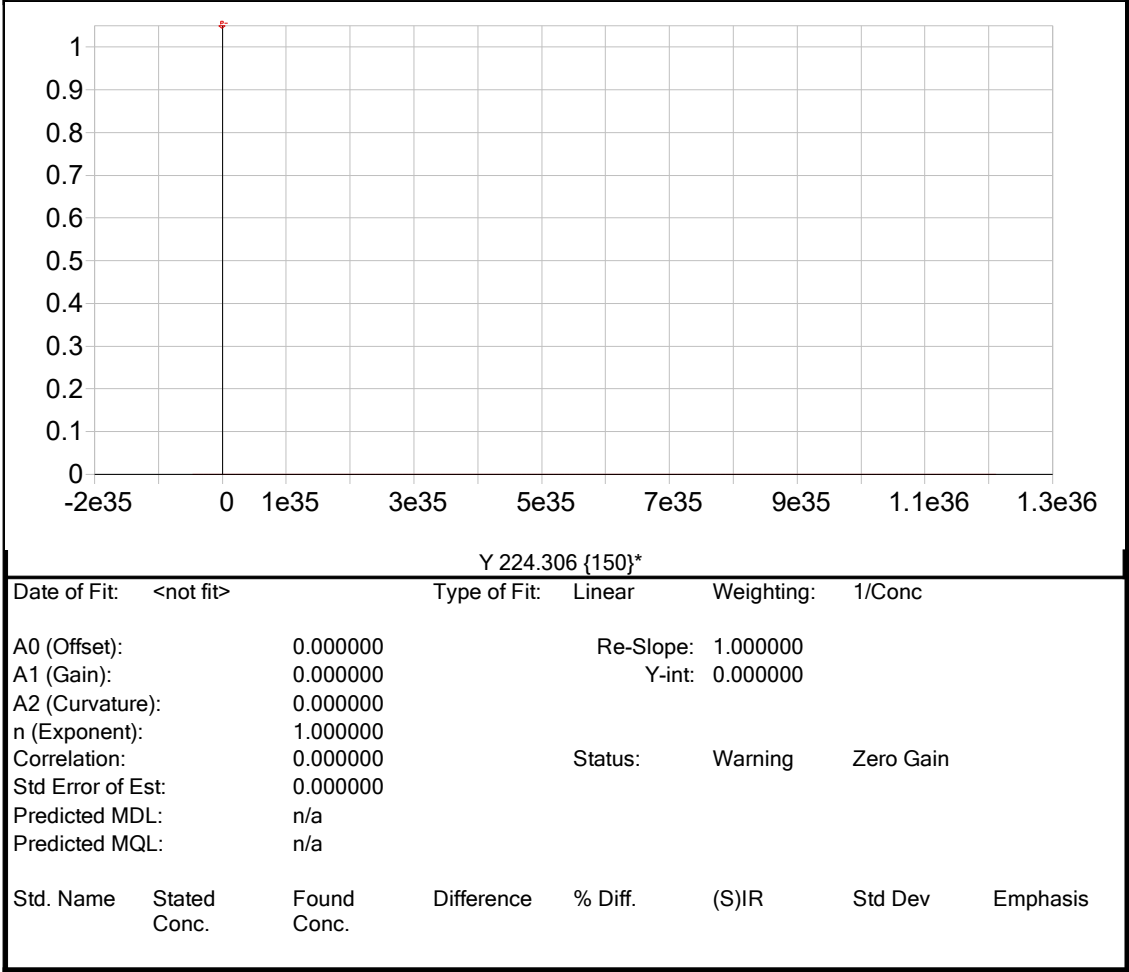


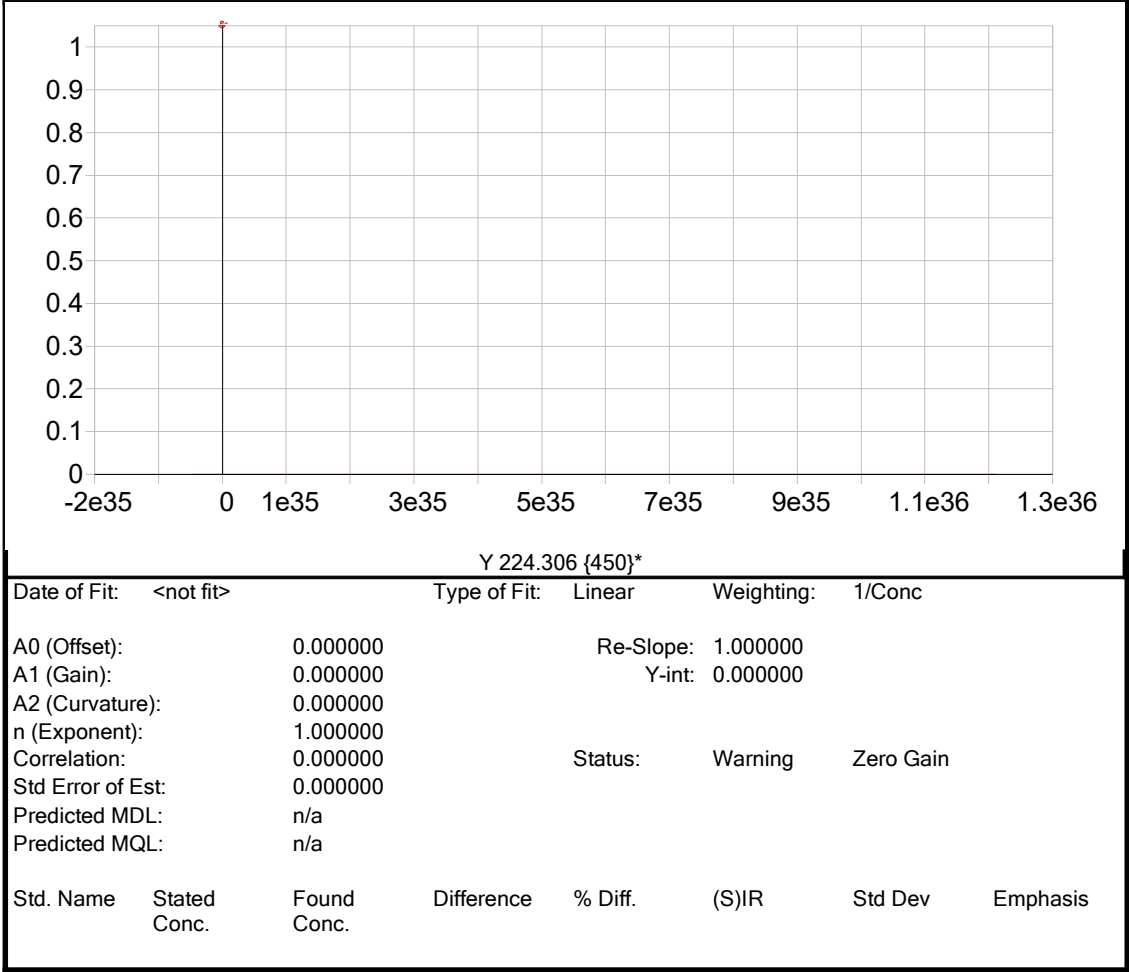


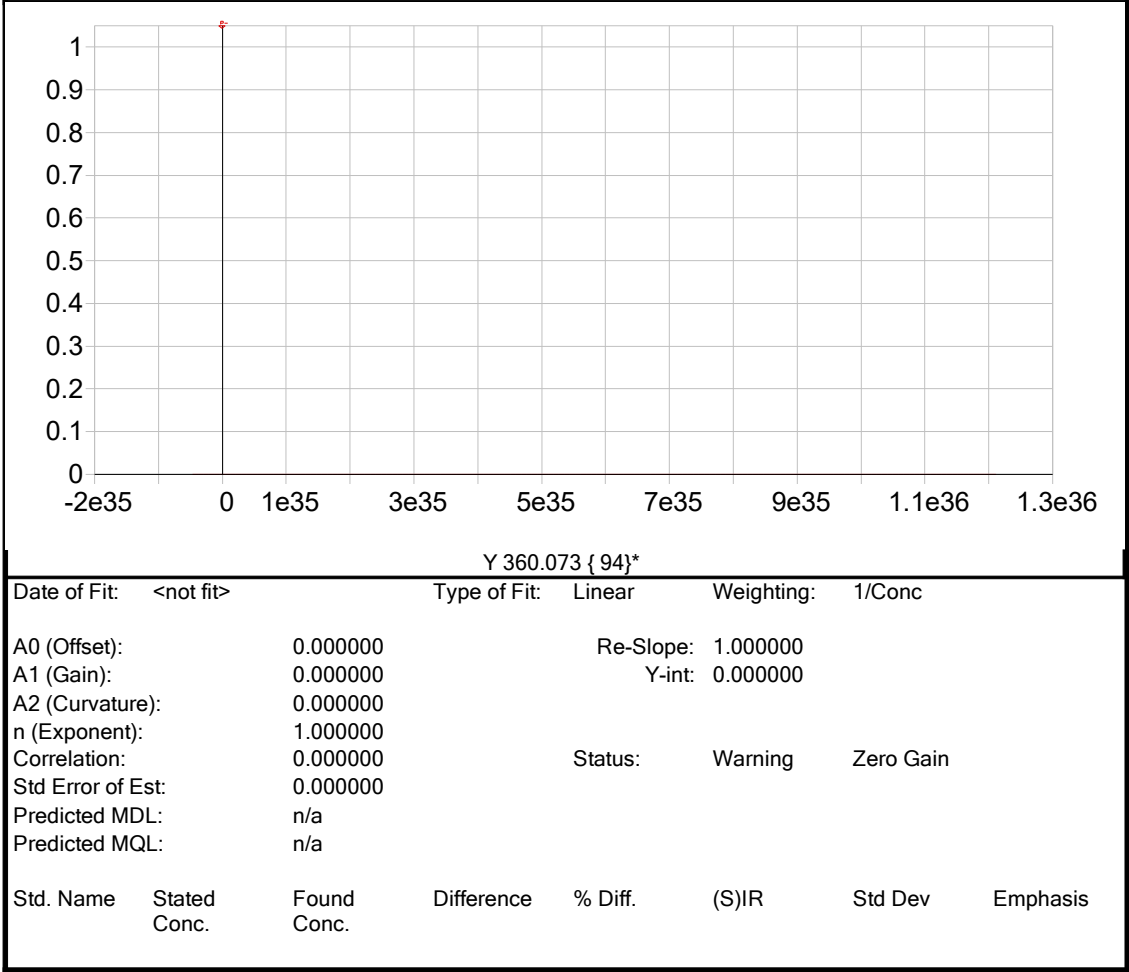
Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

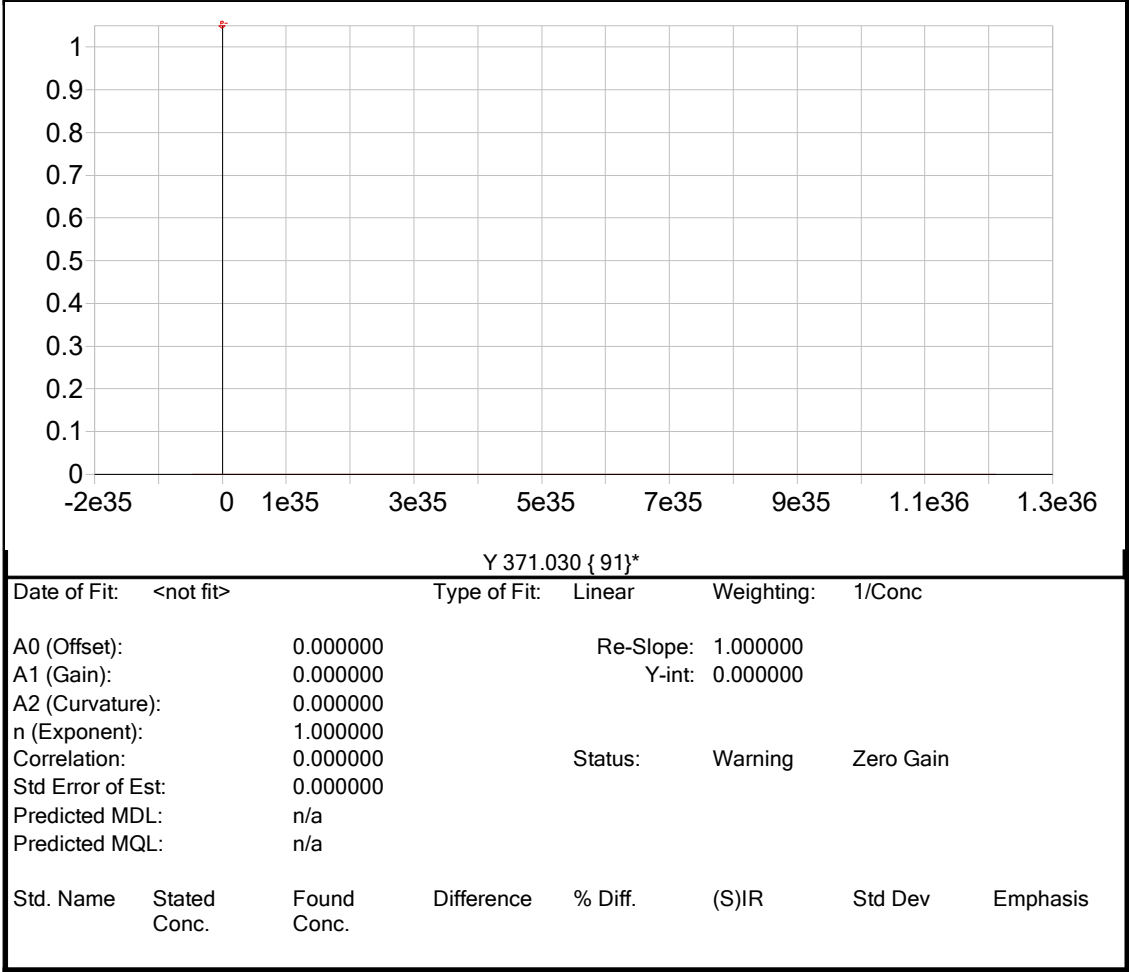
A0 (Offset): 0.004689 Re-Slope: 1.000000
 A1 (Gain): 0.895039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997233 Status: OK.
 Std Error of Est: 0.001370
 Predicted MDL: 0.001835
 Predicted MQL: 0.006117

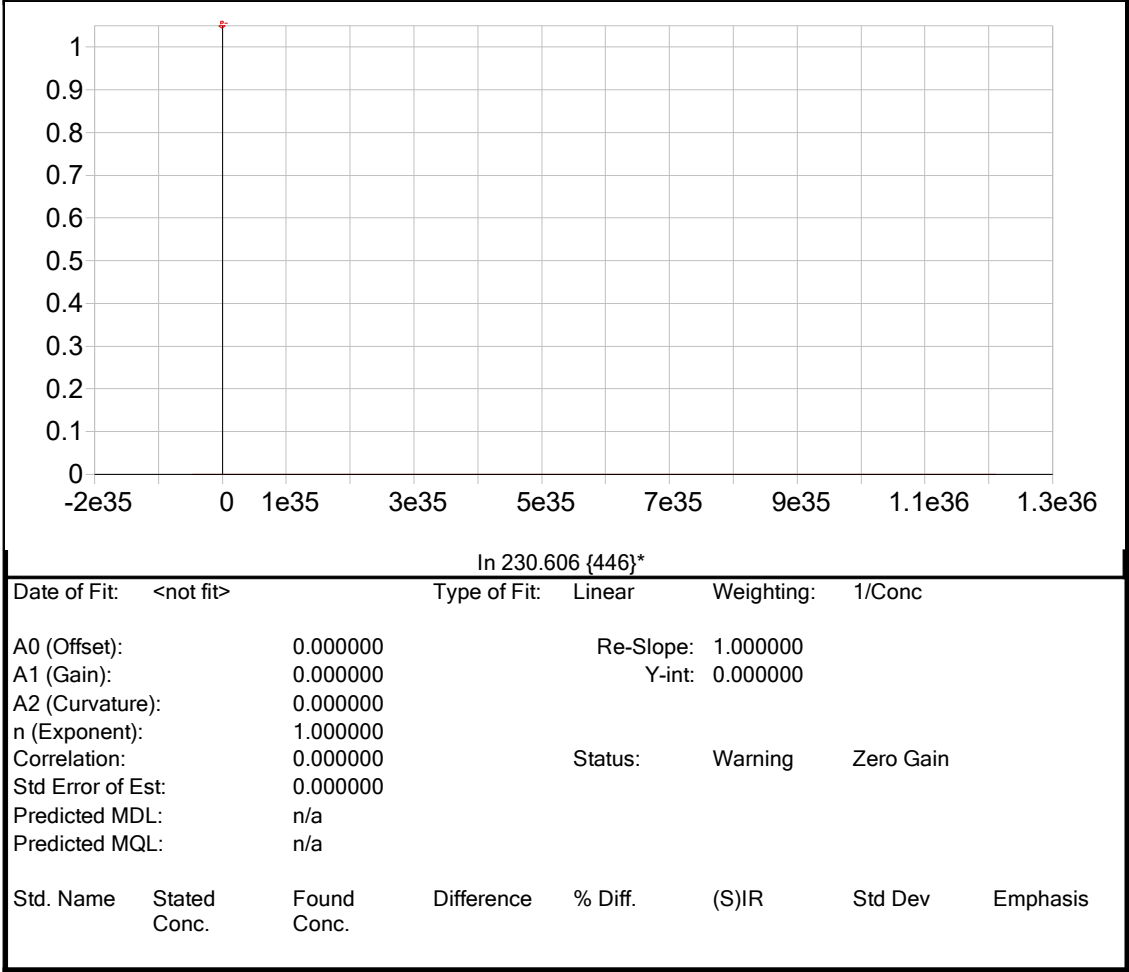
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00466	.000	1
S5	10.000	10.126	.126	1.26	9.0676	.057	1
S4	5.0000	4.9058	-.094	-1.88	4.3956	.061	1
S3	2.5000	2.4576	-.042	-1.69	2.2044	.011	1
S2	1.2500	1.2222	-.028	-2.23	1.0986	.007	1
S1	.01500	.05363	.039	258.	.05269	.002	1

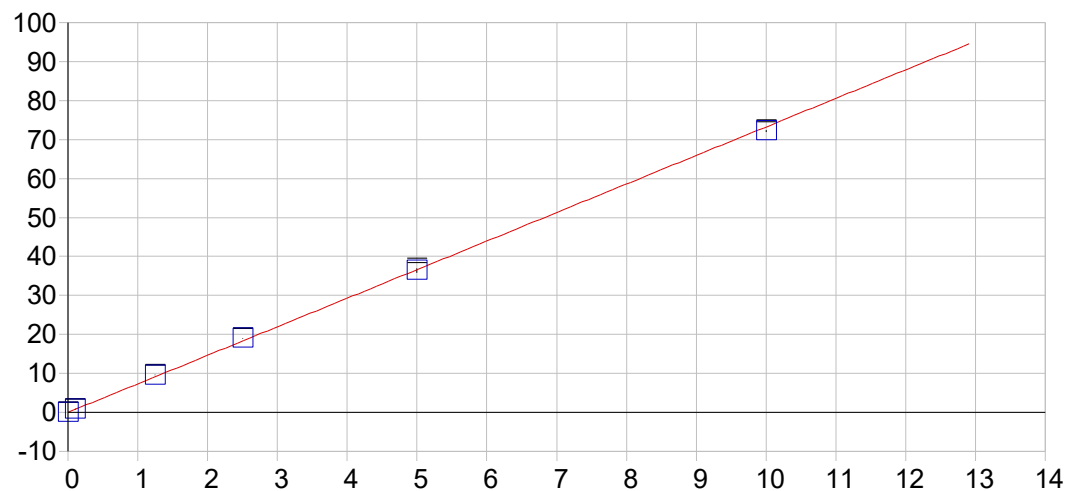












Sr 407.771 { 83}

Date of Fit: 05/24/2019 19:23:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000360 Re-Slope: 1.000000
 A1 (Gain): 7.323547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.009144
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00051	.000	1
S1	.10000	.11349	.013	13.5	.83077	.001	1
S2	1.2500	1.3105	.061	4.84	9.5972	.028	1
S3	2.5000	2.5935	.094	3.74	18.993	.041	1
S4	5.0000	4.9749	-.025	-.501	36.434	.552	1
S5	10.000	9.8576	-.142	-1.42	72.192	.279	1

Sample Name: S0 Acquired: 05/24/2019 16:41:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00064	-.00131	-.00033	.00099	.00287	.00354	.00887	-.00208
Stddev	.00006	.00010	.00075	.00019	.00020	.00081	.00104	.00015
%RSD	9.2844	7.8898	224.64	19.232	7.0210	22.795	11.684	7.0764

#1	-.00059	-.00136	-.00037	.00104	.00311	.00301	.00853	-.00212
#2	-.00063	-.00137	.00043	.00078	.00276	.00315	.00805	-.00219
#3	-.00071	-.00119	-.00106	.00116	.00276	.00447	.01003	-.00191

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	.00051	.00056	.00005	-.00008	.00196	.00020	.00066	-.00005
Stddev	.00025	.00034	.00006	.00016	.00080	.00019	.00035	.00022
%RSD	48.216	60.061	116.24	197.99	40.827	92.794	53.340	460.03

#1	.00074	.00042	.00010	-.00023	.00212	.00040	.00092	-.00029
#2	.00025	.00094	.00006	.00010	.00110	.00016	.00081	.00014
#3	.00054	.00032	-.00001	-.00012	.00268	.00004	.00026	.00001

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	-.00372	-.00096	-.00076	.00053	.00040	.02460	-.00136	.00051
Stddev	.00042	.00007	.00126	.00045	.00029	.00054	.00012	.00024
%RSD	11.411	6.9458	166.83	85.544	74.317	2.1935	8.9039	46.360

#1	-.00352	-.00088	-.00203	.00105	.00033	.02513	-.00149	.00054
#2	-.00421	-.00100	-.00073	.00020	.00072	.02461	-.00134	.00026
#3	-.00343	-.00099	.00049	.00035	.00014	.02405	-.00125	.00072

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	.00080	.00038	.00564	-.00001	.00170	.00466	-.00051	
Stddev	.00001	.00020	.00044	.00017	.00041	.00050	.00035	
%RSD	1.7751	52.224	7.8221	1784.4	23.938	10.688	69.375	

#1	.00080	.00016	.00597	.00018	.00190	.00429	-.00047	
#2	.00082	.00054	.00582	-.00012	.00197	.00445	-.00018	
#3	.00079	.00044	.00514	-.00010	.00123	.00522	-.00088	

Sample Name: S0 Acquired: 05/24/2019 16:41:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.8	2325.7	38771.	8948.6	2841.5
Stddev	5.3	4.4	192.	15.4	1.8
%RSD	.29171	.19006	.49408	.17156	.06191
#1	1799.2	2330.0	38592.	8950.4	2842.4
#2	1807.9	2326.0	38973.	8963.0	2842.6
#3	1798.4	2321.1	38749.	8932.5	2839.5

Sample Name: S1 Acquired: 05/24/2019 16:45:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00014	.00094	.00269	.00465	.01714	.02510	.66840	.02677
Stddev	.00011	.00020	.00045	.00020	.00024	.00074	.00223	.00032
%RSD	78.367	21.517	16.839	4.2724	1.3828	2.9663	.33396	1.1911

#1	.00012	.00088	.00217	.00443	.01731	.02585	.66945	.02710
#2	.00004	.00116	.00289	.00471	.01687	.02436	.66992	.02646
#3	.00025	.00077	.00300	.00482	.01724	.02509	.66584	.02675

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	.01595	.34120	.00233	.04259	.00829	.00384	.01264	.05828
Stddev	.00032	.00238	.00014	.00021	.00032	.00014	.00025	.00033
%RSD	1.9966	.69629	6.1415	.49092	3.8708	3.7307	1.9646	.55853

#1	.01620	.34299	.00249	.04246	.00863	.00396	.01282	.05851
#2	.01606	.33851	.00228	.04283	.00825	.00389	.01276	.05790
#3	.01559	.34211	.00222	.04247	.00800	.00368	.01236	.05841

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	.03117	.00298	.02333	.00859	.02853	.13748	-.00040	.00368
Stddev	.00062	.00004	.00102	.00022	.00067	.00117	.00005	.00019
%RSD	1.9767	1.1760	4.3595	2.5415	2.3497	.85208	12.884	5.0727

#1	.03180	.00296	.02363	.00869	.02853	.13786	-.00039	.00362
#2	.03114	.00302	.02416	.00834	.02921	.13617	-.00045	.00389
#3	.03057	.00297	.02220	.00874	.02786	.13842	-.00035	.00353

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	.01010	.00405	.04554	.00104	.05637	.05269	.83077	
Stddev	.00019	.00018	.00082	.00019	.00046	.00157	.00140	
%RSD	1.8904	4.4662	1.8055	18.350	.81492	2.9738	.16794	

#1	.01005	.00425	.04622	.00122	.05586	.05433	.83112	
#2	.00995	.00401	.04462	.00106	.05651	.05120	.82923	
#3	.01032	.00389	.04577	.00084	.05674	.05255	.83195	

Sample Name: S1 Acquired: 05/24/2019 16:45:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.9	2336.4	38827.	8854.4	2907.4
Stddev	6.6	4.6	91.	59.4	6.7
%RSD	.36901	.19523	.23494	.67036	.23055
#1	1807.8	2331.7	38725.	8811.6	2899.7
#2	1794.7	2340.8	38901.	8922.2	2910.4
#3	1803.4	2336.5	38856.	8829.6	2912.0

Sample Name: S2 Acquired: 05/24/2019 16:50:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08036	.10620	1.4970	.12021	.26504	3.6426	7.3979	.66694
Stddev	.00016	.00027	.0011	.00058	.00056	.0176	.0070	.00633
%RSD	.19653	.25604	.07336	.48415	.21296	.48179	.09458	.94869

#1	.08021	.10589	1.4958	.11985	.26555	3.6288	7.4038	.66961
#2	.08035	.10641	1.4979	.12088	.26514	3.6365	7.3902	.65971
#3	.08053	.10629	1.4974	.11989	.26443	3.6623	7.3996	.67149

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	1.6731	3.7200	.75692	.47702	.79067	1.1582	2.6301	.64528
Stddev	.0054	.0153	.00165	.00139	.00268	.0014	.0107	.00251
%RSD	.32520	.41000	.21862	.29111	.33850	.12419	.40745	.38871

#1	1.6716	3.7250	.75806	.47566	.78929	1.1593	2.6289	.64464
#2	1.6791	3.7029	.75502	.47844	.78896	1.1566	2.6201	.64315
#3	1.6686	3.7322	.75767	.47696	.79375	1.1588	2.6414	.64804

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	.46453	.10337	.16868	.08440	1.5763	.82226	.07913	.36328
Stddev	.00104	.00078	.00099	.00086	.0203	.00131	.00007	.00289
%RSD	.22345	.74975	.58408	1.0141	1.2870	.15875	.09266	.79659

#1	.46333	.10295	.16904	.08462	1.5724	.82181	.07917	.36324
#2	.46512	.10427	.16756	.08345	1.5982	.82124	.07918	.36040
#3	.46513	.10291	.16944	.08512	1.5582	.82373	.07905	.36619

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	1.0531	.04418	.47491	.17709	.64473	1.0986	9.5972
Stddev	.0019	.00008	.00274	.00065	.00131	.0075	.0279
%RSD	.18200	.17604	.57735	.36682	.20363	.68118	.29077

#1	1.0513	.04415	.47395	.17636	.64339	1.0918	9.5826
#2	1.0529	.04427	.47277	.17730	.64479	1.0973	9.5796
#3	1.0552	.04412	.47800	.17761	.64601	1.1066	9.6294

Sample Name: S2 Acquired: 05/24/2019 16:50:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.6	2279.0	38742.	8865.5	2868.6
Stddev	15.4	4.5	179.	59.8	8.3
%RSD	.87227	.19943	.46208	.67430	.28990
#1	1775.3	2280.0	38838.	8859.0	2870.6
#2	1747.0	2274.1	38535.	8928.3	2859.5
#3	1771.6	2283.0	38853.	8809.3	2875.7

Sample Name: S3 Acquired: 05/24/2019 16:53:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16124	.21436	2.9817	.23952	.52843	7.2542	14.739	1.3031
Stddev	.00025	.00037	.0082	.00063	.00037	.0389	.066	.0085
%RSD	.15771	.17363	.27540	.26116	.07071	.53651	.44526	.64925

#1	.16148	.21434	2.9896	.23890	.52800	7.2193	14.695	1.3077
#2	.16127	.21474	2.9732	.24015	.52857	7.2472	14.708	1.3083
#3	.16098	.21399	2.9822	.23951	.52871	7.2962	14.814	1.2933

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	3.2817	7.3320	1.4791	.94928	1.5518	2.2538	5.1145	1.2775
Stddev	.0042	.0412	.0035	.00225	.0039	.0143	.0407	.0065
%RSD	.12653	.56234	.23875	.23721	.24949	.63422	.79589	.50755

#1	3.2863	7.2846	1.4790	.95184	1.5484	2.2373	5.0676	1.2701
#2	3.2782	7.3520	1.4756	.94761	1.5510	2.2609	5.1347	1.2820
#3	3.2806	7.3594	1.4827	.94838	1.5560	2.2631	5.1412	1.2805

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	.92175	.20676	.33426	.16621	3.1537	1.6408	.15978	.71959
Stddev	.00207	.00216	.00276	.00115	.0205	.0043	.00030	.00175
%RSD	.22461	1.0442	.82547	.68897	.64998	.26377	.18896	.24254

#1	.92414	.20832	.33109	.16566	3.1327	1.6358	.15996	.72137
#2	.92046	.20429	.33554	.16545	3.1547	1.6432	.15996	.71951
#3	.92065	.20765	.33615	.16753	3.1736	1.6434	.15943	.71789

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	2.1111	.08875	.92305	.35431	1.2730	2.2044	18.993
Stddev	.0023	.00031	.00509	.00100	.0092	.0111	.041
%RSD	.10945	.35155	.55172	.28232	.72528	.50520	.21779

#1	2.1085	.08908	.92843	.35315	1.2634	2.1916	18.950
#2	2.1130	.08871	.92241	.35493	1.2738	2.2095	18.997
#3	2.1117	.08846	.91831	.35484	1.2818	2.2120	19.033

Sample Name: S3 Acquired: 05/24/2019 16:53:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.9	2216.6	38451.	8887.0	2798.9
Stddev	2.9	6.9	190.	31.9	6.6
%RSD	.16860	.31189	.49323	.35868	.23482
#1	1724.6	2214.8	38471.	8882.2	2791.7
#2	1720.7	2210.7	38630.	8857.8	2800.2
#3	1726.4	2224.2	38252.	8921.0	2804.7

Sample Name: S4 Acquired: 05/24/2019 16:57:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31879	.41799	5.9066	.46267	1.0461	14.272	28.570	2.5098
Stddev	.00031	.00078	.0012	.00147	.0016	.062	.056	.0341
%RSD	.09706	.18553	.01965	.31725	.15683	.43490	.19655	1.3599

#1	.31883	.41889	5.9077	.46225	1.0453	14.328	28.550	2.5452
#2	.31846	.41757	5.9066	.46431	1.0480	14.205	28.526	2.4771
#3	.31908	.41752	5.9054	.46146	1.0451	14.284	28.633	2.5072

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3435	14.115	2.8333	1.8585	2.9958	4.2913	9.7752	2.4902
Stddev	.0026	.158	.0035	.0017	.0051	.0323	.0994	.0205
%RSD	.04140	1.1223	.12273	.09281	.17100	.75376	1.0165	.82202

#1	6.3450	14.263	2.8365	1.8603	2.9999	4.3210	9.8708	2.5070
#2	6.3450	13.948	2.8296	1.8584	2.9900	4.2568	9.6724	2.4674
#3	6.3404	14.136	2.8338	1.8569	2.9975	4.2963	9.7824	2.4962

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	1.8040	.41190	.65356	.31814	6.1765	3.2549	.31787	1.4116
Stddev	.0023	.00142	.00456	.00253	.0778	.0126	.00059	.0176
%RSD	.12998	.34359	.69711	.79568	1.2601	.38793	.18423	1.2472

#1	1.8056	.41131	.65765	.31959	6.1299	3.2591	.31739	1.4287
#2	1.8013	.41352	.64865	.31521	6.2663	3.2407	.31852	1.3935
#3	1.8050	.41088	.65439	.31960	6.1331	3.2649	.31769	1.4127

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	4.1651	.17701	1.7819	.69793	2.4448	4.3956	36.434
Stddev	.0077	.00009	.0222	.00086	.0107	.0614	.552
%RSD	.18477	.05060	1.2455	.12368	.43659	1.3978	1.5139

#1	4.1606	.17709	1.8059	.69887	2.4544	4.4544	37.030
#2	4.1740	.17692	1.7621	.69774	2.4333	4.3318	35.941
#3	4.1607	.17703	1.7778	.69718	2.4467	4.4006	36.331

Sample Name: S4 Acquired: 05/24/2019 16:57:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.4	2120.4	38015.	8805.8	2679.4
Stddev	9.4	4.0	14.	110.3	3.7
%RSD	.56094	.19024	.03693	1.2522	.13991
#1	1667.9	2118.3	38029.	8695.1	2675.8
#2	1657.7	2117.8	38001.	8915.6	2679.2
#3	1676.4	2125.0	38015.	8806.9	2683.3

Sample Name: S5 Acquired: 05/24/2019 17:01:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.65205	.83026	12.102	.90269	2.1422	28.928	56.499	4.9109
Stddev	.00075	.00405	.043	.00075	.0036	.037	.138	.0063
%RSD	.11514	.48814	.35534	.08332	.16674	.12697	.24409	.12780

#1	.65119	.82694	12.063	.90206	2.1382	28.954	56.343	4.9089
#2	.65243	.82907	12.095	.90249	2.1451	28.945	56.551	4.9179
#3	.65254	.83478	12.148	.90352	2.1432	28.886	56.604	4.9058

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	12.695	27.969	5.5182	3.7623	5.9451	8.4025	19.170	5.0144
Stddev	.045	.101	.0131	.0129	.0109	.0287	.064	.0212
%RSD	.35707	.36236	.23764	.34237	.18256	.34160	.33219	.42229

#1	12.662	27.926	5.5302	3.7511	5.9338	8.3880	19.131	5.0051
#2	12.675	28.085	5.5042	3.7594	5.9458	8.4356	19.244	5.0386
#3	12.746	27.896	5.5202	3.7764	5.9555	8.3840	19.136	4.9994

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	3.6268	.82783	1.3236	.62593	12.722	6.6575	.64935	2.8044
Stddev	.0129	.00610	.0053	.00132	.140	.0185	.00279	.0037
%RSD	.35682	.73732	.39668	.21094	1.1006	.27823	.43006	.13137

#1	3.6159	.83269	1.3283	.62445	12.613	6.6393	.64754	2.8087
#2	3.6233	.82098	1.3245	.62698	12.673	6.6763	.64795	2.8024
#3	3.6411	.82982	1.3179	.62636	12.880	6.6569	.65257	2.8022

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.5822	.36496	3.4911	1.4206	4.8334	9.0676	72.192	
Stddev	.0122	.00087	.0044	.0033	.0032	.0574	.279	
%RSD	.14225	.23718	.12716	.23016	.06672	.63347	.38619	

#1	8.5710	.36437	3.4960	1.4176	4.8320	9.0649	71.871	
#2	8.5803	.36456	3.4900	1.4201	4.8371	9.1263	72.376	
#3	8.5952	.36596	3.4873	1.4241	4.8311	9.0116	72.329	

Sample Name: S5 Acquired: 05/24/2019 17:01:36 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.1	1987.1	37520.	8703.9	2530.9
Stddev	8.0	1.6	130.	43.3	5.6
%RSD	.51365	.07801	.34724	.49771	.22174
#1	1567.9	1987.1	37379.	8689.7	2532.0
#2	1560.6	1988.6	37636.	8669.5	2535.9
#3	1551.9	1985.5	37544.	8752.5	2524.8

Sample Name: S6 Acquired: 05/24/2019 17:05:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	74.426	45.025	22.317	8.0754	3.6534
Stddev	.412	.658	.067	.0302	.0187
%RSD	.55365	1.4621	.30214	.37390	.51128

#1	74.736	44.620	22.239	8.0407	3.6352
#2	73.959	44.669	22.355	8.0901	3.6524
#3	74.585	45.784	22.357	8.0955	3.6725

Int. Std.	Y_3710
Units	Cts/S
Avg	8555.8
Stddev	65.2
%RSD	.76172

#1	8608.4
#2	8576.0
#3	8482.9

Sample Name: ICV Acquired: 05/24/2019 17:10:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9890459	1.001754	1.008163	1.021479	1.041603	2.419855
Stddev	.0066359	.008173	.004114	.002353	.001729	.013379
%RSD	.6709379	.8159161	.4081017	.2303638	.1659981	.5528688

#1	.9894690	.995459	1.010529	1.020379	1.042015	2.420903
#2	.9954601	.998811	1.003412	1.019878	1.039706	2.405983
#3	.9822086	1.010991	1.010548	1.024181	1.043089	2.432678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5171773	.4963459	.5353346	9.029432	.5101174	.5150969
Stddev	.0011752	.0049733	.0005738	.053159	.0005537	.0015806
%RSD	.2272294	1.001987	.1071803	.5887315	.1085417	.3068496

#1	.5183682	.4973212	.5350095	9.063518	.5106273	.5154015
#2	.5171452	.4909572	.5349972	8.968179	.5095284	.5133862
#3	.5160185	.5007593	.5359971	9.056600	.5101964	.5165030

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4868678	5.313609	.5224699	6.119287	.5289854	.4915616
Stddev	.0029736	.020682	.0034313	.027322	.0023164	.0023614
%RSD	.6107557	.3892240	.6567524	.4464863	.4378875	.4803911

#1	.4860850	5.296356	.5251253	6.141597	.5288426	.4889178
#2	.4843640	5.307936	.5185955	6.127449	.5267437	.4923057
#3	.4901545	5.336535	.5236889	6.088814	.5313698	.4934613

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43808	.4978578	.9974701	9.693697	F .0031438	F .0096475
Stddev	.30661	.0042058	.0112889	.105983	.0016406	.0007833
%RSD	2.937377	.8447864	1.131756	1.093314	52.18410	8.118982

#1	10.21343	.5026880	1.001436	9.717644	.0040582	.0103782
#2	10.31343	.4950060	1.006241	9.785657	.0012498	.0088205
#3	10.78738	.4958793	.984733	9.577790	.0041234	.0097438

Sample Name: ICV Acquired: 05/24/2019 17:10:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0003776	F .0058296	F .0049098	F .0021268	F .0005692	F .0063997
Stddev	.0002369	.0014387	.0005167	.0004512	.0001851	.0005809
%RSD	62.72479	24.67874	10.52408	21.21371	32.51636	9.076717
#1	.0001157	.0065496	.0043847	.0025652	.0003573	.0062128
#2	.0005768	.0067662	.0054176	.0021512	.0006511	.0059353
#3	.0004404	.0041731	.0049271	.0016639	.0006992	.0070510

Elem	Sr4077
Units	ppm
Avg	F .0118352
Stddev	.0000453
%RSD	.3825133
#1	.0118538
#2	.0117836
#3	.0118683

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.997	2376.784	39479.30	9039.601	2945.299
Stddev	15.639	5.100	36.28	65.464	1.615
%RSD	.8480911	.2145880	.0918862	.7241910	.0548283
#1	1833.995	2375.295	39458.00	9015.215	2943.615
#2	1835.977	2372.594	39458.71	9113.758	2946.834
#3	1862.019	2382.463	39521.18	8989.830	2945.448

Sample Name: ICB Acquired: 05/24/2019 17:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010569	-.000912	.0004004	-.000522	.0028413	.0038873	.0013041
Stddev	.0003771	.001375	.0008366	.001530	.0013210	.0062379	.0002594
%RSD	35.68157	150.7227	208.9526	293.3591	46.49392	160.4676	19.89091

#1	.0009288	.000462	.0001606	-.000650	.0039442	.0014910	.0015899
#2	.0007606	-.000910	.0013306	.001069	.0032024	.0109680	.0010835
#3	.0014814	-.002289	-.000290	-.001983	.0013773	-.000797	.0012389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000001	-.005696	-.000194	-.000222	-.000320	.0007427
Stddev	.000066	.000043	.001214	.000646	.000395	.002272	.0055620
%RSD	754.5544	3158.273	21.31366	333.5928	177.5913	709.4373	748.8433

#1	-.000008	-.000046	-.006575	-.000019	.000096	-.002722	.0071614
#2	.000057	.000040	-.006203	-.000910	-.000099	-.000034	-.002658
#3	-.000075	.000002	-.004311	.000347	-.000664	.001795	-.002275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000701	-.011384	.0003671	.0001067	-.325928	-.000078	-.001004
Stddev	.000140	.032102	.0002212	.0002081	.138569	.003481	.002353
%RSD	19.90703	281.9871	60.24036	195.0426	42.51523	4489.618	234.3520

#1	-.000579	.010786	.0001556	.0000793	-.482657	-.000062	.001388
#2	-.000853	-.048197	.0003490	-.000086	-.219665	.003396	-.001083
#3	-.000670	.003258	.0005968	.000327	-.275461	-.003566	-.003317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259646	.0010061	.0034430	.0001028	-.002922	.0001891	.0018052
Stddev	.0213001	.0015857	.0007343	.0003171	.002860	.0004246	.0003857
%RSD	82.03486	157.6155	21.32831	308.3754	97.86319	224.4780	21.36341

#1	.0013714	.0002475	.0037923	-.000198	-.005184	.0003033	.0022505
#2	.0379936	.0028285	.0039376	.000073	-.003875	-.000281	.0015849
#3	.0385290	-.000058	.0025993	.000434	.000292	.000545	.0015802

Sample Name: ICB Acquired: 05/24/2019 17:14:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003121	.0027298	-.000019
Stddev	.0004250	.0013364	.000072
%RSD	136.1827	48.95468	370.2051

#1	.0007227	.0042266	-.000079
#2	-.000126	.0023061	.000060
#3	.000340	.0016566	-.000039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.840	2352.155	39204.66	8937.046	2852.013
Stddev	8.981	5.506	126.05	60.975	7.728
%RSD	.4924276	.2340905	.3215282	.6822679	.2709770

#1	1827.698	2348.227	39082.30	8996.331	2845.604
#2	1830.248	2358.449	39334.11	8874.512	2849.840
#3	1813.575	2349.790	39197.56	8940.296	2860.595

Sample Name: ICSA Acquired: 05/24/2019 17:18:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034226	.0053578	.0053551	-.006143	.0052813	234.7818
Stddev	.0038000	.0031517	.0019145	.000749	.0008223	.6845
%RSD	111.0272	58.82476	35.75127	12.18614	15.57074	.2915455

#1	.0075673	.0080963	.0053050	-.005681	.0045321	234.7124
#2	.0025977	.0060642	.0072942	-.007006	.0051507	235.4984
#3	.0001028	.0019128	.0034661	-.005741	.0061611	234.1347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058242	.0007686	.0006727	246.3613	.0468877	.0012664
Stddev	.0003701	.0000593	.0002559	.8494	.0001137	.0001846
%RSD	6.354610	7.720309	38.04497	.3447584	.2425302	14.57612

#1	.0053985	.0008223	.0003773	246.0605	.0467615	.0013759
#2	.0060042	.0007049	.0008140	247.3201	.0469822	.0010533
#3	.0060698	.0007787	.0008269	245.7032	.0469195	.0013701

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001177	97.72698	.0132708	252.9484	.0008613	-.005967
Stddev	.001934	.21705	.0003248	.6134	.0002069	.000353
%RSD	164.3269	.2221005	2.447360	.2425108	24.01774	5.908502

#1	-.001163	97.66972	.0129601	252.6386	.0008472	-.006141
#2	.000750	97.96693	.0136080	253.6549	.0006618	-.005561
#3	-.003117	97.54430	.0132444	252.5516	.0010748	-.006198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.175317	.0010917	-.003034	-.084055	F .0134779	-.005816
Stddev	.357240	.0014632	.001784	.034004	.0037629	.001742
%RSD	203.7681	134.0265	58.81307	40.45503	27.91875	29.95207

#1	.175633	.0005516	-.002962	-.121566	.0167491	-.007576
#2	-.163053	.0027481	-.004854	-.055251	.0143189	-.005781
#3	-.538532	-.000025	-.001287	-.075347	.0093657	-.004092

Sample Name: ICSA Acquired: 05/24/2019 17:18:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012480	F .0063967	F -.002424	-.001843	F -.000523	W .0033851
Stddev	.0001840	.0024590	.000740	.002040	.000811	.0007552
%RSD	14.73937	38.44141	30.52663	110.6992	155.1134	22.31041

#1	.0011759	.0043417	-.001580	-.004196	-.001301	.0036661
#2	.0014571	.0091210	-.002961	-.000743	-.000584	.0025296
#3	.0011110	.0057273	-.002731	-.000589	.000317	.0039595

Elem	Sr4077
Units	ppm
Avg	F .0987324
Stddev	.0002781
%RSD	.2816989

#1	.0988237
#2	.0989533
#3	.0984200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.062	2261.693	38278.47	8959.449	2765.288
Stddev	5.081	4.677	198.65	41.290	3.717
%RSD	.2881815	.2068008	.5189611	.4608511	.1344120

#1	1757.599	2256.742	38111.19	9004.157	2762.312
#2	1763.943	2266.038	38226.19	8922.751	2769.454
#3	1767.645	2262.298	38498.03	8951.439	2764.098

Sample Name: ICSAB Acquired: 05/24/2019 17:22:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007383	.1096775	.0569546	.0375012	.6542202	227.9656
Stddev	.0024324	.0025259	.0003785	.0029103	.0017020	.2893
%RSD	2.414561	2.303009	.6644940	7.760671	.2601609	.1269099

#1	.1011446	.1082460	.0565293	.0373590	.6530809	227.6595
#2	.1029420	.1125940	.0572541	.0404800	.6534029	228.0029
#3	.0981284	.1081925	.0570804	.0346645	.6561767	228.2345

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5284243	.5073433	1.043523	240.3363	.5579620	.5168427
Stddev	.0007286	.0055054	.000019	1.6849	.0014069	.0008157
%RSD	.1378804	1.085134	.0018573	.7010753	.2521538	.1578204

#1	.5292602	.5021826	1.043527	238.8525	.5581370	.5159115
#2	.5279239	.5131383	1.043540	242.1680	.5564758	.5171858
#3	.5280887	.5067090	1.043502	239.9883	.5592733	.5174307

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4779850	94.97942	.5267553	245.8614	1.042189	.2017365
Stddev	.0026279	.44597	.0037549	1.2404	.000138	.0007324
%RSD	.5497879	.4695468	.7128318	.5045319	.0132025	.3630365

#1	.4772502	94.50038	.5227750	244.4814	1.042203	.2009344
#2	.4758026	95.38260	.5302345	246.8838	1.042318	.2023697
#3	.4809020	95.05526	.5272565	246.2190	1.042044	.2019054

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.408214	.4968683	1.000282	-.181708	F .0103085	-.006715
Stddev	.382067	.0017232	.005901	.054828	.0016637	.002385
%RSD	93.59479	.3468093	.5899159	30.17347	16.13950	35.52122

#1	-.519387	.4949662	1.000616	-.124795	.0115507	-.005266
#2	-.722364	.4973135	.994221	-.186149	.0109565	-.009469
#3	.017110	.4983251	1.006009	-.234180	.0084182	-.005412

Sample Name: ICSAB Acquired: 05/24/2019 17:22:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007437	F .0103962	F -.001318	-.002130	F -.002141	W .0025556
Stddev	.0002894	.0046238	.000985	.000683	.000811	.0015999
%RSD	38.90612	44.47532	74.78273	32.04525	37.88363	62.60313
#1	.0006940	.0123167	-.001205	-.002122	-.003029	.0029461
#2	.0004824	.0137503	-.002355	-.001452	-.001439	.0039241
#3	.0010547	.0051217	-.000394	-.002817	-.001955	.0007966

Elem	Sr4077
Units	ppm
Avg	F .0956512
Stddev	.0002595
%RSD	.2713467
#1	.0954350
#2	.0955797
#3	.0959390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.857	2277.891	38345.49	8929.166	2782.098
Stddev	2.247	5.481	21.61	58.859	4.572
%RSD	.1272606	.2406097	.0563672	.6591757	.1643537
#1	1767.706	2274.476	38322.15	8976.182	2779.809
#2	1766.510	2274.985	38349.48	8863.155	2779.121
#3	1763.356	2284.213	38364.82	8948.163	2787.363

Sample Name: CCV041 Acquired: 05/24/2019 17:26:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV041 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.727065	4.792759	24.30809	4.627885	4.724288	406.9474	9.765938
Stddev	.011673	.001474	.01192	.005583	.007226	.8414	.017631
%RSD	.2469405	.0307619	.0490494	.1206432	.1529602	.2067528	.1805382

#1	4.732736	4.793507	24.31122	4.633634	4.727895	406.6441	9.779891
#2	4.713640	4.793709	24.31813	4.622483	4.715968	407.8983	9.771800
#3	4.734819	4.791061	24.29491	4.627537	4.729000	406.2997	9.746122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4882223	2.419633	419.2853	14.72554	2.445898	14.68555	410.5799
Stddev	.0040955	.001841	4.6157	.00991	.001659	.05473	2.9760
%RSD	.8388611	.0760704	1.100838	.0672778	.0678231	.3726849	.7248253

#1	.4875875	2.417926	416.8417	14.73568	2.447758	14.67054	409.1405
#2	.4925981	2.421583	424.6091	14.72507	2.445367	14.74621	414.0019
#3	.4844812	2.419389	416.4052	14.71588	2.444570	14.63988	408.5973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59227	412.4085	2.429832	1.232241	410.2838	2.372628	14.41910
Stddev	.16780	3.5305	.002052	.007895	3.4670	.019677	.04192
%RSD	1.149901	.8560688	.0844615	.6406728	.8450296	.8293406	.2907035

#1	14.50083	409.6768	2.432073	1.236050	407.0863	2.366185	14.37280
#2	14.78593	416.3950	2.429377	1.223164	413.9687	2.394719	14.45446
#3	14.49006	411.1538	2.428045	1.237508	409.7964	2.356980	14.43006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.5601	4.969690	4.866531	4.651894	4.956494	4.930077	4.862336
Stddev	.4326	.006889	.037573	.007695	.013244	.025385	.008058
%RSD	.2854390	.1386262	.7720692	.1654175	.2671985	.5149038	.1657290

#1	151.9338	4.971605	4.851950	4.658589	4.941636	4.925229	4.858989
#2	151.6604	4.975420	4.909209	4.643487	4.967057	4.957537	4.856491
#3	151.0862	4.962046	4.838434	4.653605	4.960791	4.907466	4.871528

Sample Name: CCV041 Acquired: 05/24/2019 17:26:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.878064	4.919841	4.868818
Stddev	.045662	.037891	.048932
%RSD	.9360753	.7701668	1.004998

#1	4.849537	4.890022	4.820005
#2	4.930730	4.962479	4.868582
#3	4.853926	4.907024	4.917867

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.481	2099.823	37176.46	8658.231	2565.758
Stddev	4.759	2.063	126.00	60.719	1.104
%RSD	.2897623	.0982361	.3389236	.7012861	.0430210

#1	1643.007	2098.274	37183.58	8689.214	2566.379
#2	1646.955	2102.165	37298.74	8588.271	2564.484
#3	1637.480	2099.031	37047.04	8697.207	2566.412

Sample Name: CCB041 Acquired: 05/24/2019 17:30:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000456	-.002530	.0018364	.0003546	.0010388	.0160888	.0013188
Stddev	.000918	.002407	.0009403	.0009533	.0018511	.0099346	.0011191
%RSD	201.1979	95.15129	51.20050	268.8106	178.1905	61.74855	84.85953

#1	-.001008	-.000832	.0028328	.0014224	.0027678	.0243541	.0026069
#2	-.000965	-.005285	.0017119	-.000411	.0012627	.0050670	.0005852
#3	.000603	-.001473	.0009647	.000053	-.000914	.0188453	.0007643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000689	-.002283	-.000038	-.000126	.0009406	.0020303
Stddev	.000083	.0001088	.008025	.000487	.000584	.0010287	.0012635
%RSD	968.1749	157.9879	351.4442	1273.166	465.1534	109.3633	62.23352

#1	-.000075	.0001323	.004598	.000101	.000428	.0014511	.0026882
#2	.000085	-.000057	-.000350	.000364	-.000069	.0016142	.0005736
#3	-.000036	.000131	-.011098	-.000580	-.000736	-.000243	.0028291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0110425	.0003332	.0000919	-.258944	-.000223	-.001191
Stddev	.000239	.0081288	.0001842	.0001255	.202784	.000442	.001078
%RSD	194.6639	73.61394	55.28149	136.5713	78.31192	198.8565	90.47612

#1	.000118	.0169882	.0004240	.0001505	-.379796	.000249	-.002141
#2	-.000360	.0017796	.0001212	-.000052	-.024830	-.000629	-.000020
#3	-.000126	.0143597	.0004543	.000177	-.372206	-.000287	-.001412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123511	.0019146	.0092002	.0003551	-.002134	.0015509	.0013948
Stddev	.0193420	.0013952	.0006024	.0002619	.006728	.0005242	.0002066
%RSD	17.21567	72.87185	6.547591	73.75322	315.2909	33.80241	14.81069

#1	.1339322	.0005630	.0095171	.0002671	.004375	.0014171	.0016250
#2	.1065409	.0018311	.0095780	.0006497	-.001716	.0021290	.0012257
#3	.0965802	.0033496	.0085055	.0001485	-.009061	.0011065	.0013335

Sample Name: CCB041 Acquired: 05/24/2019 17:30:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001412	.0029325	.0000772
Stddev	.0007286	.0021908	.0000449
%RSD	515.9801	74.70774	58.18858

#1	-.000660	.0037553	.0000260
#2	.000765	.0004494	.0000956
#3	.000318	.0045928	.0001099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.753	2339.738	38812.04	8802.864	2840.305
Stddev	21.240	3.163	257.04	35.292	4.814
%RSD	1.164608	.1351769	.6622639	.4009121	.1694953

#1	1806.125	2336.298	38642.05	8777.368	2834.959
#2	1847.334	2340.395	39107.74	8843.143	2844.297
#3	1817.799	2342.521	38686.34	8788.081	2841.658

Sample Name: K2787-02 Acquired: 05/24/2019 17:50:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MX2G87D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272111	.0814601	.1010432	.0817702	.1517676	28.05852	.5272489
Stddev	.0008485	.0019927	.0023561	.0017500	.0019756	.03920	.0020960
%RSD	3.118330	2.446226	2.331728	2.140106	1.301732	.1397167	.3975248

#1	.0262800	.0792432	.1005615	.0835321	.1511416	28.02664	.5248548
#2	.0274126	.0820345	.0989652	.0800324	.1539804	28.10229	.5287527
#3	.0279408	.0831024	.1036028	.0817461	.1501809	28.04662	.5281394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258786	.0795521	8.237602	.2600798	.6331671	.7443607	76.17328
Stddev	.0000178	.0001368	.036655	.0006258	.0009924	.0022323	.13825
%RSD	.0687970	.1720303	.4449692	.2406000	.1567426	.2998992	.1814957

#1	.0258860	.0794513	8.217256	.2593591	.6320897	.7469287	76.01367
#2	.0258583	.0797079	8.279917	.2604860	.6340440	.7432698	76.25557
#3	.0258916	.0794972	8.215634	.2603941	.6333675	.7428836	76.25060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0683818	9.141731	.2213619	.0622962	8.584530	.6537631	.4409809
Stddev	.0002931	.027102	.0004501	.0008719	.052942	.0020868	.0034906
%RSD	.4285643	.2964614	.2033296	1.399622	.6167088	.3192016	.7915485

#1	.0682720	9.124789	.2214973	.0615351	8.635051	.6542054	.4391100
#2	.0687139	9.172989	.2217286	.0632475	8.529462	.6555933	.4388246
#3	.0681595	9.127415	.2208596	.0621059	8.589078	.6514906	.4450081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.706341	.0055541	.0019237	.0001467	-.000429	-.001366	.0002975
Stddev	.084706	.0025438	.0020462	.0000840	.002844	.000581	.0003298
%RSD	1.099173	45.80055	106.3676	57.27446	663.7061	42.54193	110.8375

#1	7.753050	.0083074	.0042352	.0000608	-.003178	-.001060	.0002410
#2	7.608563	.0032913	.0003438	.0002287	.002501	-.001002	-.000000
#3	7.757409	.0050635	.0011922	.0001506	-.000609	-.002037	.000652

Sample Name: K2787-02 Acquired: 05/24/2019 17:50:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005899	.0009374	.0027111
Stddev	.0011100	.0012417	.0000980
%RSD	188.1574	132.4572	3.614467

#1	.0018025	.0023203	.0027382
#2	-.000376	.0005742	.0027927
#3	.000343	-.000082	.0026024

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.383	2331.726	38660.34	8796.676	2884.859
Stddev	5.750	6.171	126.46	28.606	8.789
%RSD	.3194029	.2646365	.3271012	.3251862	.3046522

#1	1801.006	2331.293	38800.89	8793.756	2882.259
#2	1805.797	2325.783	38555.76	8769.642	2877.663
#3	1794.347	2338.102	38624.39	8826.629	2894.654

Sample Name: K2787-01 Acquired: 05/24/2019 18:00:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295071	.0823269	.1034514	.0809381	.1537684	28.59348	.5355240
Stddev	.0032461	.0016942	.0016057	.0021578	.0026346	.13572	.0005550
%RSD	11.00104	2.057873	1.552158	2.666021	1.713359	.4746556	.1036332

#1	.0257784	.0827555	.1044227	.0810991	.1567174	28.49807	.5359287
#2	.0317025	.0804596	.1015980	.0830108	.1516470	28.53352	.5348913
#3	.0310406	.0837656	.1043335	.0787042	.1529406	28.74886	.5357519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263904	.0811873	8.299639	.2649534	.6469884	.7560884	77.08947
Stddev	.0001499	.0002873	.079286	.0002744	.0013404	.0029044	.41656
%RSD	.5679881	.3538922	.9552931	.1035541	.2071787	.3841292	.5403606

#1	.0262177	.0808640	8.280968	.2649584	.6474218	.7542650	76.98930
#2	.0264670	.0814135	8.231354	.2646765	.6480585	.7545625	76.73212
#3	.0264866	.0812844	8.386594	.2652252	.6454849	.7594376	77.54698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687711	9.249143	.2267409	.0582249	9.080930	.6686405	.4494916
Stddev	.0008738	.110029	.0005428	.0000950	.188542	.0024201	.0026301
%RSD	1.270539	1.189618	.2393953	.1630779	2.076236	.3619384	.5851373

#1	.0687802	9.178996	.2264150	.0583123	9.251476	.6677455	.4497448
#2	.0678927	9.192479	.2264403	.0582384	9.112846	.6667954	.4467441
#3	.0696402	9.375956	.2273676	.0581239	8.878467	.6713806	.4519860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.732185	.0045358	.0025600	.0003108	-.001681	-.001272	-.000570
Stddev	.052386	.0007145	.0007721	.0001400	.005104	.000090	.000471
%RSD	.6775005	15.75313	30.15883	45.05252	303.5877	7.079445	82.57588

#1	7.792576	.0041450	.0027611	.0004151	.001567	-.001337	-.000936
#2	7.698995	.0041018	.0017072	.0003657	.000953	-.001310	-.000039
#3	7.704985	.0053605	.0032115	.0001517	-.007564	-.001169	-.000734

Sample Name: K2787-01 Acquired: 05/24/2019 18:00:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003606	.0019868	.0028001
Stddev	.0003558	.0011243	.0000515
%RSD	98.64921	56.58680	1.840334

#1	.0001263	.0030414	.0028112
#2	.0001856	.0021152	.0028452
#3	.0007700	.0008039	.0027440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.092	2345.466	38850.98	8861.261	2899.342
Stddev	8.280	2.986	212.79	52.769	9.043
%RSD	.4566648	.1273066	.5477055	.5955018	.3119015

#1	1805.667	2343.141	38744.46	8869.061	2888.955
#2	1822.021	2348.833	39095.99	8909.697	2903.613
#3	1811.588	2344.424	38712.49	8805.027	2905.459

Sample Name: K2787-01LX5 Acquired: 05/24/2019 18:10:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055054	.0174186	.0230247	.0185789	.0263259	5.972577	.1134300
Stddev	.0023701	.0017575	.0019719	.0002861	.0014971	.023076	.0011365
%RSD	43.04977	10.08982	8.564160	1.540020	5.686740	.3863592	1.001897

#1	.0082410	.0158629	.0220522	.0186217	.0277130	5.965837	.1121620
#2	.0042055	.0193250	.0217280	.0188411	.0247389	5.953621	.1143566
#3	.0040697	.0170678	.0252939	.0182737	.0265258	5.998272	.1137715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055576	.0173416	1.605753	.0549398	.1361292	.1621161	16.38596
Stddev	.0000800	.0000157	.018122	.0001562	.0006506	.0021937	.07731
%RSD	1.438815	.0904488	1.128556	.2843352	.4778998	1.353144	.4718162

#1	.0055957	.0173462	1.596945	.0548469	.1354065	.1646396	16.38827
#2	.0054658	.0173544	1.593719	.0551201	.1363132	.1606645	16.30752
#3	.0056115	.0173241	1.626596	.0548523	.1366680	.1610442	16.46209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143246	1.957119	.0481909	.0123849	1.667798	.1373782	.0944034
Stddev	.0000417	.021098	.0001555	.0004090	.153946	.0006329	.0032037
%RSD	.2909606	1.078009	.3226627	3.302094	9.230493	.4606593	3.393652

#1	.0143354	1.958629	.0483362	.0128249	1.514258	.1369871	.0924896
#2	.0142786	1.977422	.0480269	.0123132	1.666989	.1381083	.0926186
#3	.0143598	1.935307	.0482096	.0120165	1.822147	.1370393	.0981020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.542141	.0044481	.0001355	.0001414	-.002634	.0012655	-.000229
Stddev	.057700	.0006687	.0004659	.0001763	.001532	.0003188	.000266
%RSD	3.741556	15.03453	343.8378	124.6753	58.16525	25.19134	116.0331

#1	1.511081	.0041721	.0004838	-.000054	-.004376	.0012042	-.000509
#2	1.506625	.0039615	.0003164	.000288	-.001498	.0016105	-.000197
#3	1.608718	.0052107	-.000394	.000191	-.002027	.0009818	.000019

Sample Name: K2787-01LX5 Acquired: 05/24/2019 18:10:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010150	.0012071	.0004944
Stddev	.0003401	.0014458	.0000105
%RSD	33.50885	119.7771	2.121296

#1	.0010753	.0023927	.0004868
#2	.0006488	.0016322	.0004899
#3	.0013209	-.000404	.0005063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.687	2344.798	38674.21	8749.396	2855.818
Stddev	3.013	3.997	221.36	104.746	6.241
%RSD	.1669812	.1704435	.5723723	1.197174	.2185266

#1	1802.543	2343.321	38561.68	8771.768	2853.800
#2	1808.132	2341.751	38929.23	8841.147	2850.837
#3	1803.385	2349.323	38531.73	8635.271	2862.818

Sample Name: PB119985BL Acquired: 05/24/2019 18:14:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW985 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	-.000385	.0010979	-.002358	-.006554	.0126493	.0005419
Stddev	.000305	.001005	.0017381	.000615	.000875	.0097485	.0008998
%RSD	266.4059	260.8939	158.3081	26.06920	13.35638	77.06746	166.0375

#1	.000101	-.001419	.0028463	-.002289	-.006970	.0212069	.0007210
#2	.000019	.000588	.0010771	-.003004	-.007144	.0020374	.0013386
#3	-.000464	-.000324	-.000630	-.001780	-.005548	.0147036	-.000434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.000134	-.000263	-.000130	-.000414	-.001005	-.002068
Stddev	.000017	.000042	.006039	.000521	.000055	.001068	.005639
%RSD	141.1613	31.58810	2292.470	399.4620	13.40203	106.2180	272.7128

#1	.000006	-.000136	.006699	-.000575	-.000374	-.001661	.003779
#2	-.000015	-.000176	-.003414	-.000259	-.000477	-.001581	-.007472
#3	-.000027	-.000091	-.004075	.000443	-.000390	.000227	-.002510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000445	-.027638	.0003532	.0000098	-.103220	.0004672	.0017199
Stddev	.000145	.022868	.0005353	.0005119	.246651	.0047654	.0001874
%RSD	32.51520	82.74127	151.5505	5246.890	238.9570	1019.956	10.89672

#1	-.000470	-.019563	-.000134	.0005965	.180167	.0047469	.0017821
#2	-.000290	-.053449	.000926	-.000346	-.220301	.0013228	.0015093
#3	-.000576	-.009903	.000267	-.000221	-.269525	-.004668	.0018683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075192	.0017416	-.001735	-.000184	-.004563	.0009774	-.000248
Stddev	.031304	.0010499	.000805	.000091	.000137	.0003757	.000997
%RSD	41.63212	60.28284	46.41132	49.16100	2.991297	38.43459	401.7659

#1	-.080311	.0005994	-.002638	-.000283	-.004687	.0010434	.000733
#2	-.041643	.0026646	-.001473	-.000105	-.004585	.0013157	-.000218
#3	-.103620	.0019608	-.001093	-.000165	-.004417	.0005731	-.001260

Sample Name: PB119985BL Acquired: 05/24/2019 18:14:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW985 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000241	.0022541	-.000028
Stddev	.0008638	.0009446	.000058
%RSD	3584.800	41.90548	203.7528

#1	.0010180	.0021229	-.000056
#2	-.000400	.0032575	-.000068
#3	-.000546	.0013820	.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.248	2343.693	38647.99	8769.656	2826.980
Stddev	3.648	4.034	69.86	15.023	2.441
%RSD	.2015054	.1721197	.1807572	.1713034	.0863476

#1	1808.074	2345.874	38598.33	8752.318	2828.790
#2	1808.212	2346.167	38727.88	8777.851	2827.946
#3	1814.460	2339.038	38617.78	8778.800	2824.203

Sample Name: PB119985BS Acquired: 05/24/2019 18:18:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS985 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196752	.0476477	.0192490	.0689142	.1221968	.3962494
Stddev	.0014470	.0011960	.0011914	.0005012	.0033168	.0054553
%RSD	7.354245	2.510066	6.189193	.7272635	2.714313	1.376742

#1	.0212739	.0462818	.0198708	.0692572	.1225360	.3910290
#2	.0192965	.0481545	.0200007	.0683391	.1253309	.3958066
#3	.0184552	.0485068	.0178753	.0691464	.1187234	.4019127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4070325	.0103045	.0107495	8.760023	.0210022	.1001444
Stddev	.0016919	.0001555	.0000724	.075753	.0003892	.0004895
%RSD	.4156630	1.509393	.6739291	.8647594	1.853038	.4888466

#1	.4084335	.0104649	.0108041	8.833670	.0206047	.0995847
#2	.4051529	.0101543	.0106674	8.682326	.0213825	.1004931
#3	.4075111	.0102944	.0107771	8.764075	.0210194	.1003553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435651	.1970517	.0320598	10.13012	.0842321	.0202531
Stddev	.0014284	.0049079	.0004562	.07893	.0005045	.0000930
%RSD	3.278882	2.490682	1.422998	.7792020	.5989563	.4592324

#1	.0437023	.2003413	.0322892	10.19347	.0840439	.0202876
#2	.0420730	.1914105	.0315344	10.04170	.0848036	.0203239
#3	.0449200	.1994033	.0323558	10.15521	.0838487	.0201478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08427	.0980989	.1173808	9.448927	.0218459	F .0179526
Stddev	.19008	.0018236	.0014109	.094461	.0036650	.0006729
%RSD	1.884884	1.858915	1.201993	.9996959	16.77647	3.747994

#1	10.02751	.0993853	.1157712	9.351682	.0177118	.0175310
#2	9.92903	.0960120	.1184038	9.454767	.0246966	.0187286
#3	10.29626	.0988993	.1179674	9.540332	.0231291	.0175982

Sample Name: PB119985BS Acquired: 05/24/2019 18:18:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS985 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188030	.1834033	.1996004	.0124401	.1955077	F .0913318
Stddev	.0005071	.0034831	.0032294	.0015964	.0006585	.0012648
%RSD	2.696957	1.899140	1.617914	12.83296	.3368104	1.384871

#1	.0183518	.1828787	.2000938	.0134490	.1956444	.0927914
#2	.0187054	.1802122	.1961527	.0132719	.1947916	.0906473
#3	.0193519	.1871189	.2025547	.0105996	.1960871	.0905568

Elem	Sr4077
Units	ppm
Avg	.2009743
Stddev	.0005020
%RSD	.2497970

#1	.2014641
#2	.2004609
#3	.2009980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.267	2347.679	38959.59	8861.004	2910.586
Stddev	3.301	4.586	109.61	61.326	2.770
%RSD	.1820680	.1953453	.2813508	.6920849	.0951629

#1	1814.209	2351.217	38970.65	8821.219	2908.412
#2	1809.597	2342.498	38844.87	8931.628	2909.642
#3	1815.996	2349.323	39063.26	8830.166	2913.705

Sample Name: K2921-02DLX2 Acquired: 05/24/2019 18:33:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221584	.0073872	3.524291	-.014162	.0098504	30.71100
Stddev	.0050266	.0022552	.011815	.002359	.0011912	.09318
%RSD	22.68478	30.52891	.3352341	16.65767	12.09298	.3034116

#1	.0210403	.0093846	3.521069	-.015513	.0086609	30.70491
#2	.0177850	.0078355	3.514422	-.011438	.0098470	30.80707
#3	.0276499	.0049415	3.537382	-.015535	.0110434	30.62101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6595950	.0725371	.1023899	F 822.1968	.2178625	.2720871
Stddev	.0009700	.0009449	.0002786	7.3269	.0004245	.0007869
%RSD	.1470679	1.302617	.2720761	.8911323	.1948463	.2892227

#1	.6606943	.0732140	.1020883	826.0956	.2173824	.2714646
#2	.6592314	.0729398	.1024441	826.7498	.2181878	.2718250
#3	.6588592	.0714576	.1026375	813.7449	.2180175	.2729716

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03556	173.5261	3.965776	480.7098	1.268876	-.003854
Stddev	.00979	.6943	.024714	2.3599	.002812	.000557
%RSD	.0975363	.4001186	.6231738	.4909159	.2215751	14.44519

#1	10.04640	173.5464	3.962114	481.2460	1.268147	-.004443
#2	10.03292	174.2101	3.992117	482.7554	1.266501	-.003781
#3	10.02736	172.8219	3.943098	478.1280	1.271980	-.003337

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.702844	.0701668	F 32.62587	2.508062	2.318087	1.645680
Stddev	.357468	.0017880	.54501	.038599	.005891	.021446
%RSD	7.601094	2.548246	1.670495	1.538991	.2541300	1.303171

#1	5.076458	.0703634	32.07474	2.546187	2.316795	1.653406
#2	4.364074	.0718484	32.63832	2.508993	2.324517	1.662192
#3	4.668000	.0682886	33.16455	2.469006	2.312949	1.621441

Sample Name: K2921-02DLX2 Acquired: 05/24/2019 18:33:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF2 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052415	2.393390	6.449177	1.229711	1.343876	.0343534
Stddev	.0004295	.007830	.073266	.000740	.009829	.0012106
%RSD	.2092457	.3271702	1.136054	.0601850	.7314148	3.524007
#1	.2054121	2.388390	6.487488	1.230536	1.338090	.0329584
#2	.2055595	2.402415	6.495344	1.229492	1.355225	.0351286
#3	.2047530	2.389366	6.364698	1.229106	1.338312	.0349733

Elem	Sr4077
Units	ppm
Avg	.3531994
Stddev	.0001988
%RSD	.0562761
#1	.3534045
#2	.3531861
#3	.3530076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.172	2260.698	38633.12	8923.909	2631.835
Stddev	18.538	1.628	235.43	74.374	2.994
%RSD	1.064057	.0719979	.6094037	.8334242	.1137723
#1	1763.007	2258.836	38899.10	8908.348	2630.423
#2	1736.010	2261.407	38548.79	8858.546	2635.274
#3	1727.501	2261.851	38451.47	9004.832	2629.807

Sample Name: K2921-04A Acquired: 05/24/2019 18:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0AF4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337170	.0098063	3.603366	.0674294	.1174599	53.87472	1.483493
Stddev	.0003020	.0013343	.007944	.0007975	.0010874	.15322	.003972
%RSD	.8956292	13.60688	.2204643	1.182794	.9257711	.2844030	.2677448

#1	.0338355	.0109560	3.596031	.0680451	.1178758	53.77989	1.483402
#2	.0339418	.0101197	3.611804	.0677147	.1182780	54.05149	1.479568
#3	.0333738	.0083432	3.602262	.0665285	.1162259	53.79278	1.487510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076544	.0193961	232.0690	.4095218	.0687023	5.410427	183.7032
Stddev	.0001000	.0000301	1.8934	.0013799	.0002943	.018518	.9307
%RSD	1.306434	.1553921	.8158861	.3369538	.4283843	.3422712	.5066559

#1	.0077697	.0193742	233.2344	.4088466	.0687874	5.389110	184.3519
#2	.0075925	.0193835	233.0882	.4111093	.0689447	5.422545	184.1209
#3	.0076008	.0194304	229.8843	.4086096	.0683749	5.419626	182.6368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.878141	91.44486	.3285526	-.007409	4.028466	.3205106	5.714992
Stddev	.024368	.45530	.0017003	.000448	.225597	.0027714	.053389
%RSD	.8466742	.4979000	.5175052	6.046822	5.600082	.8646860	.9341871

#1	2.894342	91.74012	.3266337	-.007697	4.149753	.3230364	5.654249
#2	2.889965	91.67394	.3298716	-.006893	4.167476	.3175460	5.736248
#3	2.850116	90.92050	.3291526	-.007637	3.768170	.3209493	5.754479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75749	3.785782	.1169059	.0352736	5.259330	13.37319	.1537420
Stddev	.02209	.005500	.0020580	.0003749	.012668	.09060	.0013897
%RSD	.2053575	.1452798	1.760425	1.062741	.2408744	.6775106	.9039004

#1	10.73200	3.791848	.1190862	.0356571	5.259357	13.41671	.1522568
#2	10.77099	3.781120	.1166343	.0349080	5.246648	13.43382	.1539584
#3	10.76949	3.784378	.1149971	.0352558	5.271985	13.26903	.1550107

Sample Name: K2921-04A Acquired: 05/24/2019 18:37:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0AF4A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.702437	.0617322	.4452730
Stddev	.008792	.0004904	.0016660
%RSD	.5164610	.7943636	.3741516

#1	1.696781	.0612015	.4447733
#2	1.712567	.0618265	.4439141
#3	1.697965	.0621686	.4471317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.771	2481.018	41832.10	9568.316	2885.855
Stddev	10.828	4.584	139.53	54.969	5.251
%RSD	.5590714	.1847558	.3335438	.5744919	.1819691

#1	1941.522	2475.743	41986.16	9507.354	2879.905
#2	1944.412	2484.032	41795.89	9583.490	2887.818
#3	1924.380	2483.279	41714.24	9614.105	2889.843

Sample Name: K2787-03 Acquired: 05/24/2019 18:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MX2G87S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698646	.1362197	.1239015	.1309135	.2563729	29.43398	2.790161
Stddev	.0019137	.0010603	.0017128	.0033288	.0012824	.06697	.004548
%RSD	2.739116	.7783433	1.382387	2.542747	.5001888	.2275238	.1630090

#1	.0720121	.1363790	.1256598	.1298672	.2549704	29.45372	2.795399
#2	.0692422	.1371912	.1238066	.1346397	.2566626	29.35936	2.787213
#3	.0683397	.1350888	.1222381	.1282335	.2574855	29.48886	2.787870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0794966	.1369980	8.222476	.4769621	1.182279	.9695747	76.24941
Stddev	.0009956	.0001730	.025873	.0021067	.001034	.0036204	.14264
%RSD	1.252335	.1262654	.3146579	.4416835	.0874300	.3733973	.1870657

#1	.0803065	.1368170	8.251784	.4767518	1.183268	.9677808	76.30134
#2	.0783851	.1370152	8.202804	.4749685	1.181206	.9672015	76.08808
#3	.0797982	.1371617	8.212839	.4791660	1.182363	.9737417	76.35880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6417673	8.983859	.7816639	.1112701	8.775690	1.194398	.9760020
Stddev	.0019896	.043602	.0006817	.0011296	.049805	.002554	.0111068
%RSD	.3100207	.4853322	.0872110	1.015179	.5675311	.2137920	1.137993

#1	.6425959	8.964560	.7824267	.1099857	8.718679	1.197335	.9644570
#2	.6394973	8.953236	.7814510	.1117156	8.797649	1.192701	.9866114
#3	.6432087	9.033779	.7811141	.1121090	8.810741	1.193158	.9769378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.529870	.0019256	-.000842	.0002288	-.004836	.0009451	-.000196
Stddev	.140712	.0017752	.001046	.0004031	.003479	.0009989	.000154
%RSD	1.868722	92.19183	124.1537	176.1642	71.94249	105.6927	78.57582

#1	7.692339	.0020074	-.001251	.0004583	-.008577	.0017115	-.000069
#2	7.450321	.0036585	.000346	.0004647	-.001698	-.000185	-.000151
#3	7.446950	.0001109	-.001622	-.000237	-.004232	.001308	-.000368

Sample Name: K2787-03 Acquired: 05/24/2019 18:47:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G87S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000111	.0018726	.0027337
Stddev	.0006145	.0007713	.0000696
%RSD	5539.959	41.18981	2.547356

#1	.0006925	.0027259	.0027623
#2	-.000158	.0016672	.0027845
#3	-.000501	.0012248	.0026543

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.127	2380.136	38925.96	8906.083	2930.770
Stddev	13.818	2.591	193.29	79.877	5.453
%RSD	.7570862	.1088744	.4965589	.8968797	.1860691

#1	1825.978	2379.669	38881.90	8814.193	2926.507
#2	1810.903	2377.810	38758.51	8958.920	2928.889
#3	1838.499	2382.929	39137.48	8945.137	2936.915

Sample Name: CCV042 Acquired: 05/24/2019 18:52:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.702220	4.770310	24.37562	4.583666	4.679663	410.9447	9.780927
Stddev	.020783	.013141	.03942	.005166	.005755	3.8069	.030055
%RSD	.4419916	.2754695	.1617090	.1127130	.1229889	.9263658	.3072819

#1	4.723150	4.780734	24.40253	4.587708	4.684339	415.1683	9.813726
#2	4.681586	4.755549	24.33037	4.585445	4.681416	409.8879	9.774352
#3	4.701924	4.774647	24.39395	4.577846	4.673235	407.7779	9.754704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4919239	2.419742	425.4522	14.61281	2.442955	14.77234	414.1625
Stddev	.0034140	.001245	4.8757	.02561	.001993	.05906	3.4275
%RSD	.6940017	.0514536	1.146001	.1752655	.0815665	.3998012	.8275831

#1	.4950327	2.420525	430.8767	14.63657	2.444914	14.84052	418.0417
#2	.4924687	2.418306	424.0449	14.61617	2.440931	14.73704	412.9023
#3	.4882703	2.420395	421.4349	14.58568	2.443020	14.73946	411.5435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79523	415.6152	2.419995	1.239933	413.4030	2.375997	14.43605
Stddev	.16823	3.1470	.000501	.014114	2.5276	.008301	.09418
%RSD	1.137087	.7571893	.0207133	1.138304	.6114108	.3493591	.6523894

#1	14.98494	419.0553	2.419699	1.255989	415.8420	2.384225	14.34576
#2	14.73659	414.9093	2.419712	1.229480	413.5718	2.376142	14.42870
#3	14.66417	412.8812	2.420573	1.234332	410.7953	2.367625	14.53369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.9422	4.959672	4.895498	4.590385	4.909231	4.999029	4.820583
Stddev	.8076	.017464	.042719	.001418	.020692	.056306	.007192
%RSD	.5315509	.3521269	.8726227	.0308900	.4214967	1.126336	.1491986

#1	152.8742	4.974087	4.942845	4.589659	4.928064	5.062223	4.828268
#2	151.4490	4.940252	4.883808	4.592019	4.887080	4.980673	4.819467
#3	151.5033	4.964678	4.859840	4.589478	4.912549	4.954192	4.814014

Sample Name: CCV042 Acquired: 05/24/2019 18:52:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.934838	4.944909	4.873008
Stddev	.021376	.056238	.017913
%RSD	.4331595	1.137291	.3675887

#1	4.957744	5.005457	4.893268
#2	4.931348	4.934962	4.859272
#3	4.915422	4.894308	4.866483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.429	2106.770	37003.83	8495.946	2563.912
Stddev	.765	1.663	202.86	75.707	2.622
%RSD	.0471683	.0789387	.5482192	.8910929	.1022594

#1	1622.710	2106.616	36795.17	8410.357	2560.898
#2	1623.013	2105.189	37200.35	8523.330	2565.666
#3	1621.562	2108.504	37015.97	8554.150	2565.171

Sample Name: CCB042 Acquired: 05/24/2019 18:56:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014091	-.001105	.0019865	.0004857	-.002917	.0140395	.0005996
Stddev	.0008604	.000144	.0016249	.0019286	.000053	.0049677	.0004075
%RSD	61.06228	13.03675	81.79669	397.0557	1.821427	35.38384	67.95847

#1	.0007436	-.000959	.0005030	-.000227	-.002956	.0094441	.0002855
#2	.0011029	-.001109	.0017333	-.000985	-.002857	.0193103	.0010600
#3	.0023807	-.001248	.0037231	.002669	-.002939	.0133640	.0004532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	-.000034	.0065187	-.000101	-.000110	-.000616	.0118339
Stddev	.000071	.000091	.0065110	.000315	.000025	.002043	.0086187
%RSD	105.1051	268.6123	99.88221	311.9666	23.07988	331.6747	72.83049

#1	.000009	.000049	-.000797	.000126	-.000138	-.002409	.0193939
#2	-.000132	-.000131	.008674	-.000460	-.000089	.001609	.0136590
#3	-.000079	-.000019	.011679	.000032	-.000103	-.001048	.0024488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001198	-.000749	.0003449	.0000496	-.369442	.0017447	-.000911
Stddev	.0003209	.020258	.0007348	.0003424	.087646	.0017364	.000553
%RSD	267.8812	2703.297	213.0778	690.2836	23.72397	99.52739	60.64120

#1	.0004882	.008121	-.000433	-.000145	-.466959	.0019444	-.000528
#2	-.000030	-.023929	.000441	-.000151	-.344130	.0033726	-.000662
#3	-.000099	.013560	.001027	.000445	-.297238	-.000083	-.001545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005073	.0024618	.0072103	.0000730	-.003172	.0014817	.0008410
Stddev	.073975	.0021745	.0008031	.0005175	.001974	.0005910	.0008201
%RSD	1458.076	88.33049	11.13874	708.5982	62.22456	39.88566	97.50917

#1	-.028449	.0008439	.0064021	.0001951	-.004847	.0021032	.0003556
#2	.077765	.0016079	.0080083	.0005186	-.003675	.0014148	.0017878
#3	-.064536	.0049337	.0072205	-.000495	-.000996	.0009270	.0003796

Sample Name: CCB042 Acquired: 05/24/2019 18:56:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v887) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014038	.0028940	.0001174
Stddev	.0000611	.0024463	.0001086
%RSD	4.352142	84.52962	92.49047

#1	.0013909	.0000693	.0002294
#2	.0014703	.0043081	.0001104
#3	.0013502	.0043047	.0000125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.465	2379.593	38881.24	8820.856	2873.900
Stddev	3.293	4.222	23.97	35.620	2.129
%RSD	.1808710	.1774431	.0616410	.4038205	.0740965

#1	1823.694	2383.326	38906.52	8855.406	2871.457
#2	1820.590	2375.010	38878.35	8784.254	2874.880
#3	1817.112	2380.443	38858.85	8822.907	2875.363