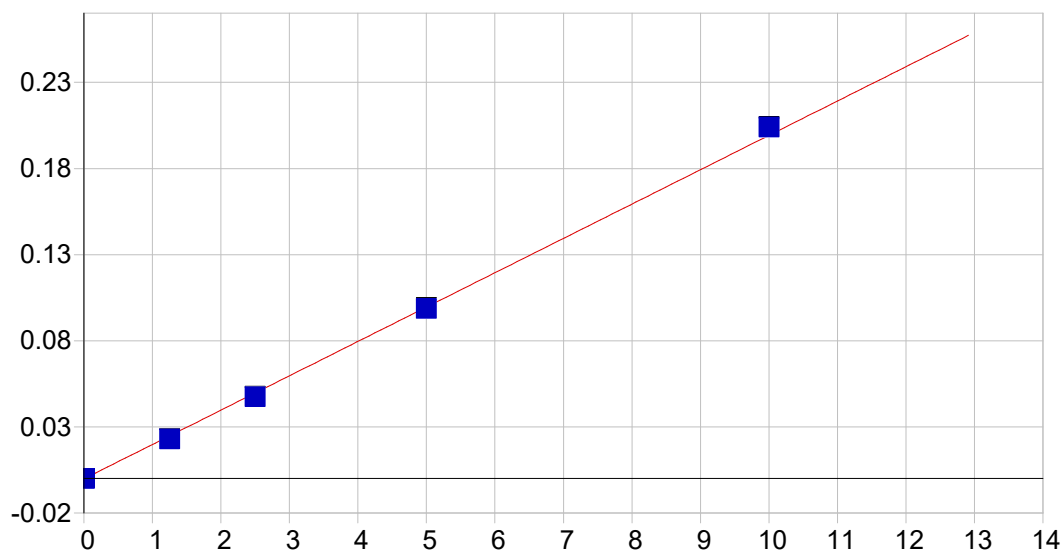


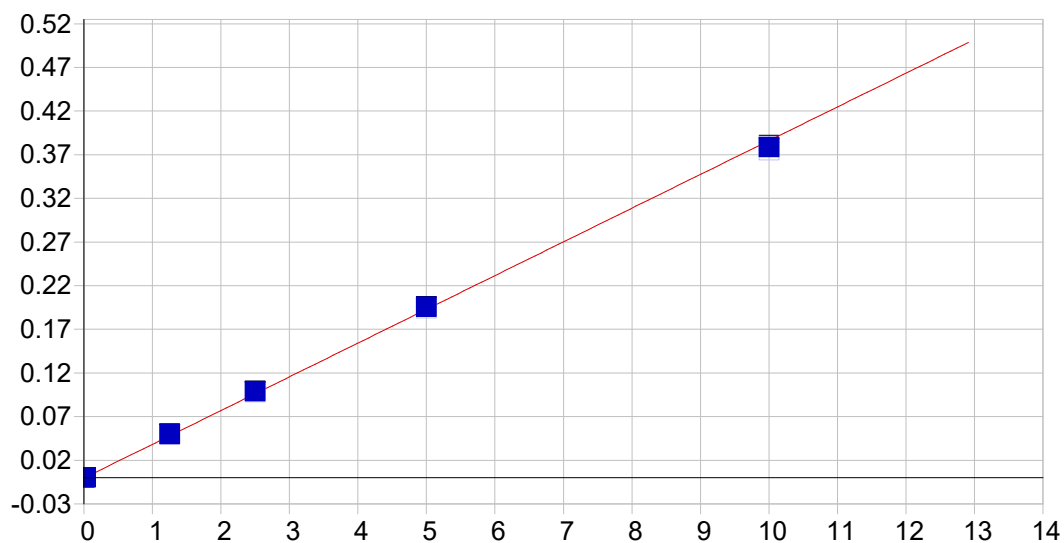


As 189.042 {479}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.019941 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.012247
 Predicted MQL: 0.040825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.01014	.000	1.44	.00003	.000	1
S2	1.2500	1.1578	-.092	-7.37	.02287	.000	1
S3	2.5000	2.3911	-.109	-4.36	.04742	.000	1
S4	5.0000	4.9570	-.043	-.860	.09849	.001	1
S5	10.000	10.244	.244	2.44	.20373	.000	1

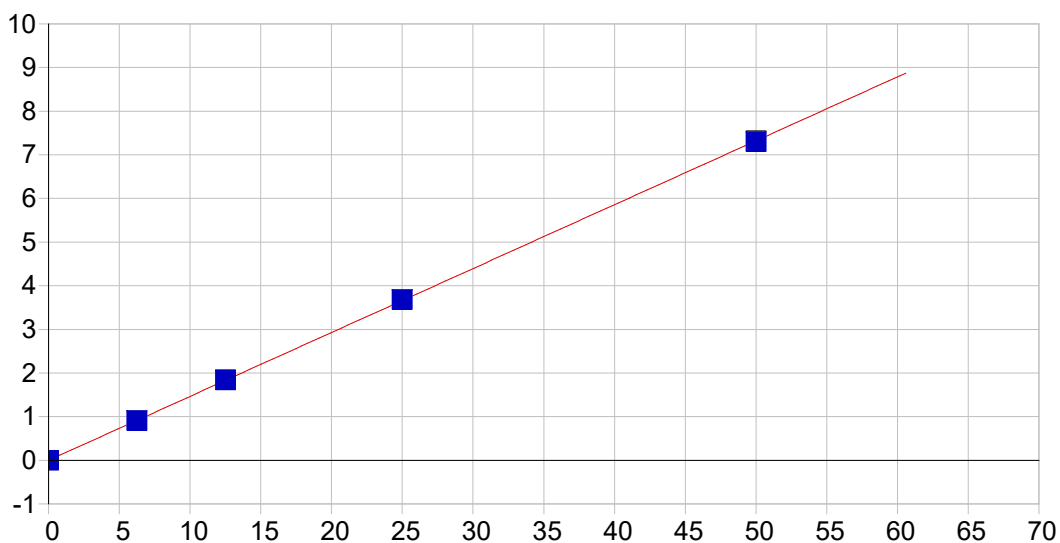


TI 190.856 {477}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000369 Re-Slope: 1.000000
 A1 (Gain): 0.038647 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.005226
 Predicted MQL: 0.017421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.02500	.02335	-.002	-6.58	.00049	.000	1
S2	1.2500	1.2992	.049	3.94	.04940	.000	1
S3	2.5000	2.5705	.070	2.82	.09809	.001	1
S4	5.0000	5.0745	.074	1.49	.19399	.000	1
S5	10.000	9.8074	-.193	-1.93	.37514	.002	1

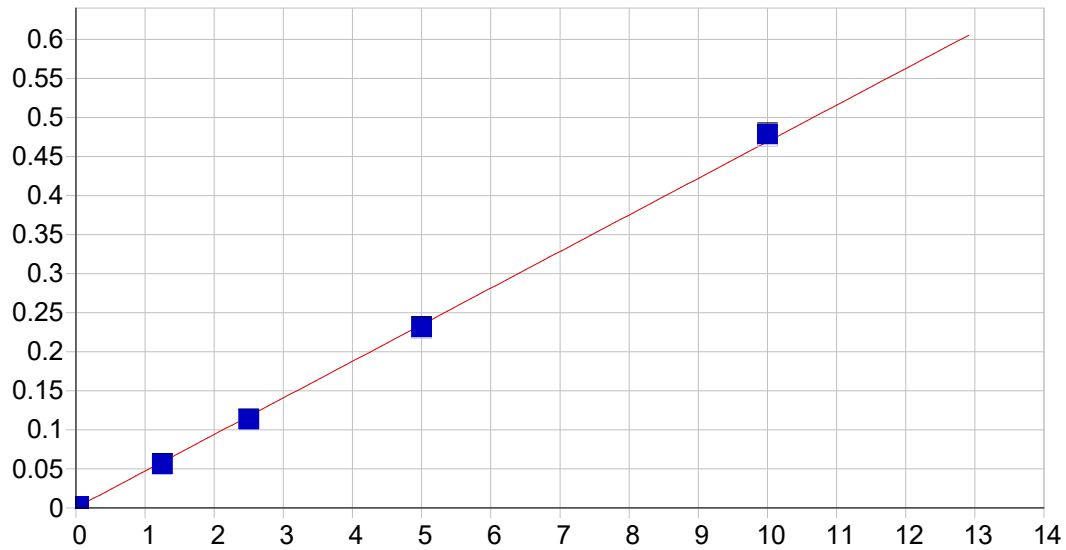


Pb 220.353 {453}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000416	Re-Slope:	1.000000
A1 (Gain):	0.146438	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.002797		
Predicted MQL:	0.009324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.01000	.00973	-.000	-2.65	.00101	.000	1
S2	6.2500	6.2054	-.045	-.713	.90827	.002	1
S3	12.500	12.537	.037	.294	1.8354	.005	1
S4	25.000	25.138	.138	.550	3.6806	.004	1
S5	50.000	49.870	-.130	-.259	7.3023	.011	1

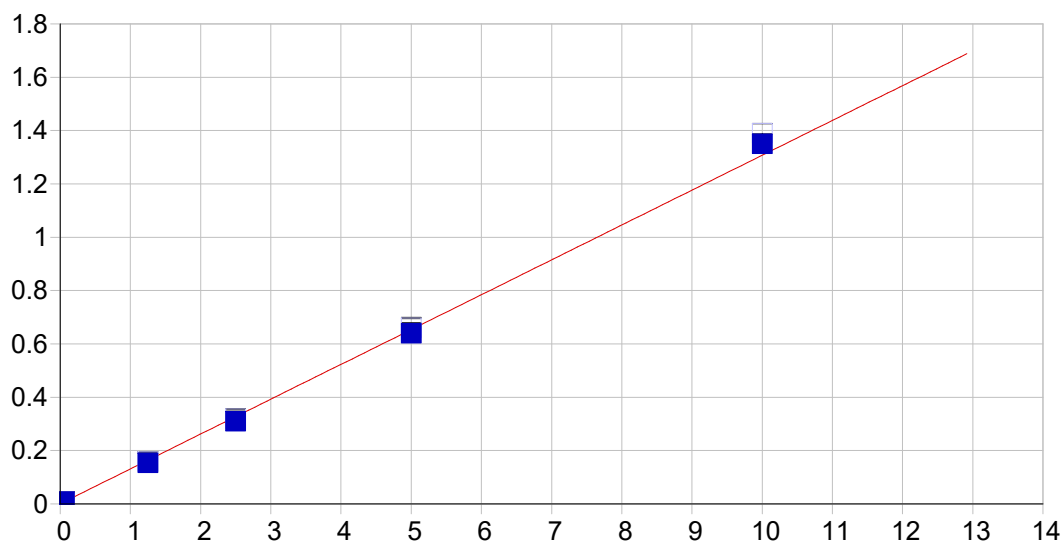


Se 196.090 {472}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.046851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.007044
 Predicted MQL: 0.023480

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.03500	.03732	.002	6.62	.00207	.000	1
S2	1.2500	1.1947	-.055	-4.42	.05587	.000	1
S3	2.5000	2.4145	-.086	-3.42	.11259	.001	1
S4	5.0000	4.9305	-.070	-1.39	.22962	.001	1
S5	10.000	10.208	.208	2.08	.47518	.002	1

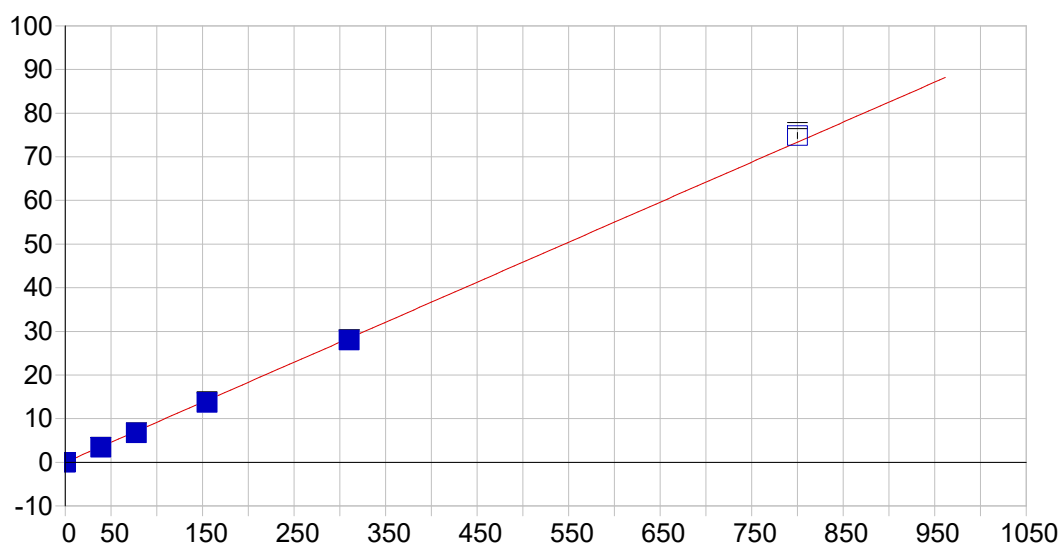


Sb 206.833 {463}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000570 Re-Slope: 1.000000
 A1 (Gain): 0.130661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999363 Status: OK.
 Std Error of Est: 0.000198
 Predicted MDL: 0.003226
 Predicted MQL: 0.010752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00057	.000	1
S1	.06000	.06013	.000	.216	.00843	.000	1
S2	1.2500	1.1700	-.080	-6.40	.15842	.001	1
S3	2.5000	2.3638	-.136	-5.45	.31940	.001	1
S4	5.0000	4.8912	-.109	-2.18	.65961	.002	1
S5	10.000	10.325	.325	3.25	1.3895	.001	1

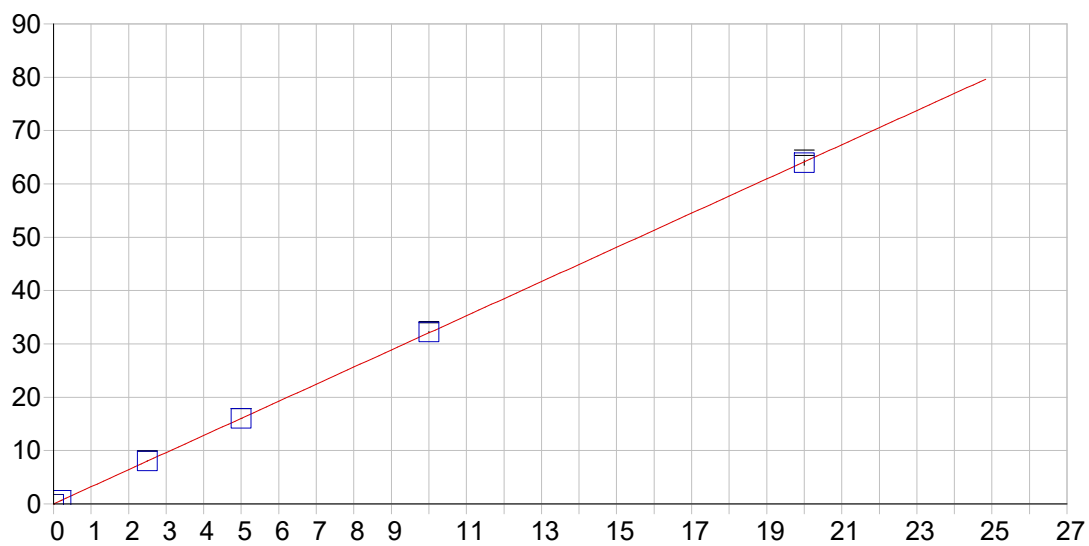


AI 396.152 { 85}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003147 Re-Slope: 1.000000
 A1 (Gain): 0.091705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.001474
 Predicted MDL: 0.011889
 Predicted MQL: 0.039631

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00315	.001	1
S1	.20000	.20691	.007	3.46	.01586	.002	1
S2	38.750	36.955	-1.80	-4.63	3.3895	.027	1
S3	77.500	73.463	-4.04	-5.21	6.7412	.068	1
S4	155.00	149.29	-5.71	-3.68	13.702	.109	1
S5	310.00	305.04	-4.96	-1.60	28.001	.144	1
S6	800.00	816.51	16.5	2.06	74.875	.672	1

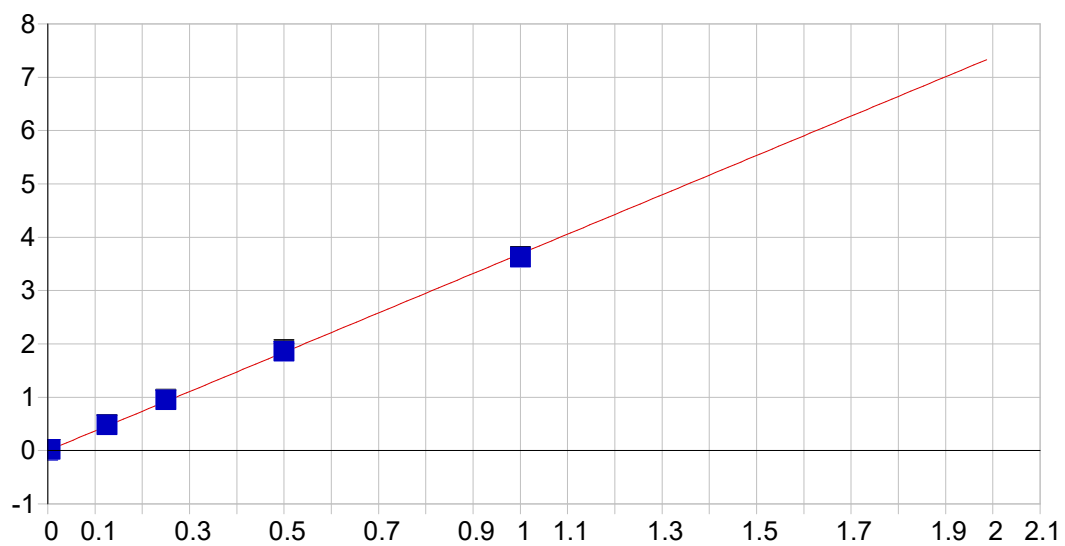


Ba 493.409 { 68}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005260 Re-Slope: 1.000000
 A1 (Gain): 3.206593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.001193
 Predicted MDL: 0.000750
 Predicted MQL: 0.002500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00525	.001	1
S1	.20000	.20289	.003	1.44	.65584	.001	1
S2	2.5000	2.5091	.009	.362	8.0508	.035	1
S3	5.0000	4.9915	-.009	-.170	16.011	.008	1
S4	10.000	10.049	.049	.487	32.227	.124	1
S5	20.000	19.948	-.052	-.261	63.970	.512	1

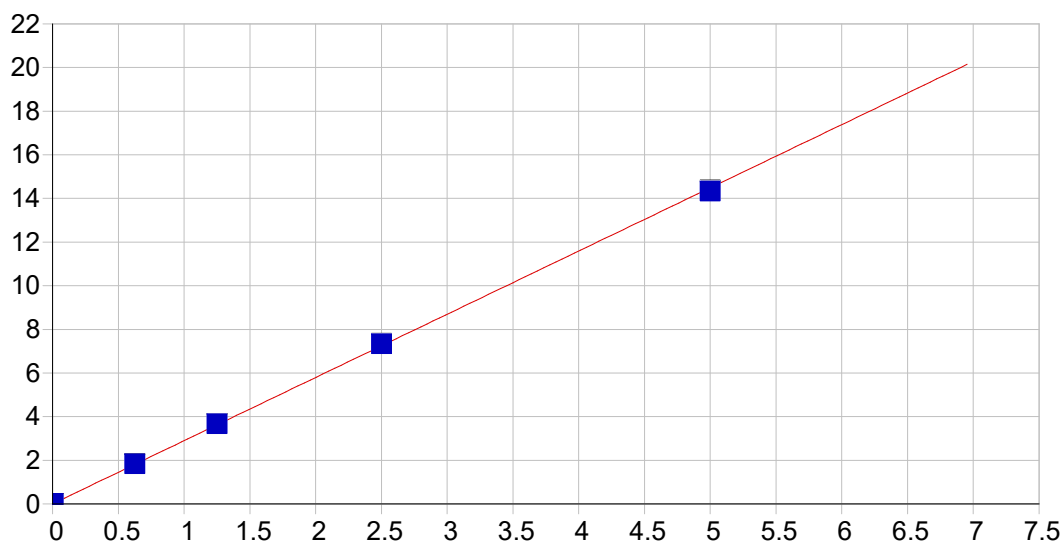


Be 234.861 {144}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000960	Re-Slope:	1.000000
A1 (Gain):	3.689575	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999776	Status:	OK.
Std Error of Est:	0.000292		
Predicted MDL:	0.000094		
Predicted MQL:	0.000313		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00096	.000	1
S1	.00500	.00523	.000	4.58	.01832	.000	1
S2	.12500	.13026	.005	4.21	.47845	.001	1
S3	.25000	.25800	.008	3.20	.94858	.011	1
S4	.50000	.50422	.004	.844	1.8546	.034	1
S5	1.0000	.98229	-.018	-1.77	3.6138	.013	1

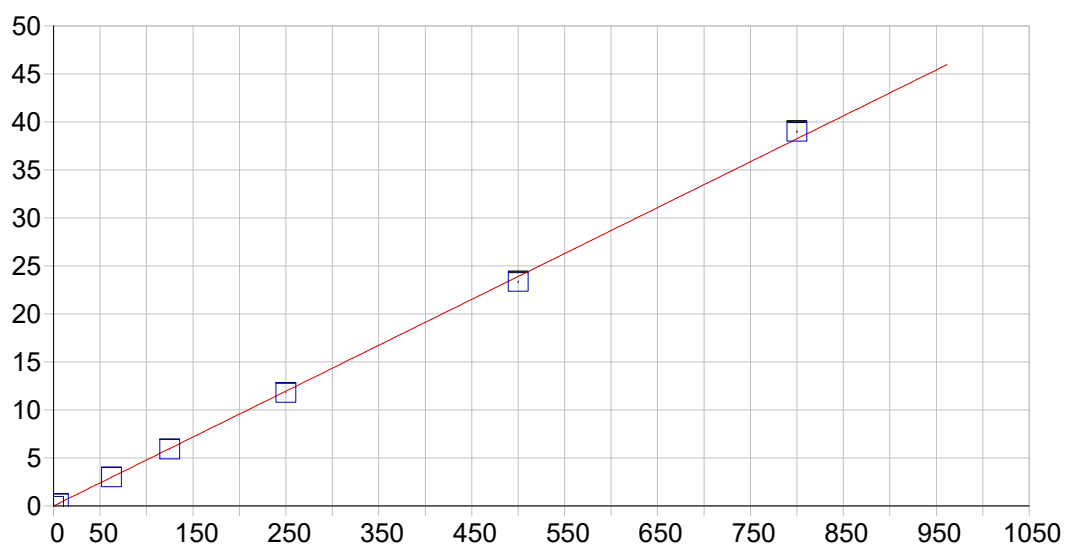


Cd 214.438 {457}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000717	Re-Slope:	1.000000
A1 (Gain):	2.897349	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000291		
Predicted MDL:	0.000112		
Predicted MQL:	0.000374		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.00500	.00529	.000	5.88	.01607	.000	1
S2	.62500	.63063	.006	.901	1.8314	.003	1
S3	1.2500	1.2672	.017	1.37	3.6792	.009	1
S4	2.5000	2.5325	.033	1.30	7.3526	.005	1
S5	5.0000	4.9444	-.056	-1.11	14.355	.026	1

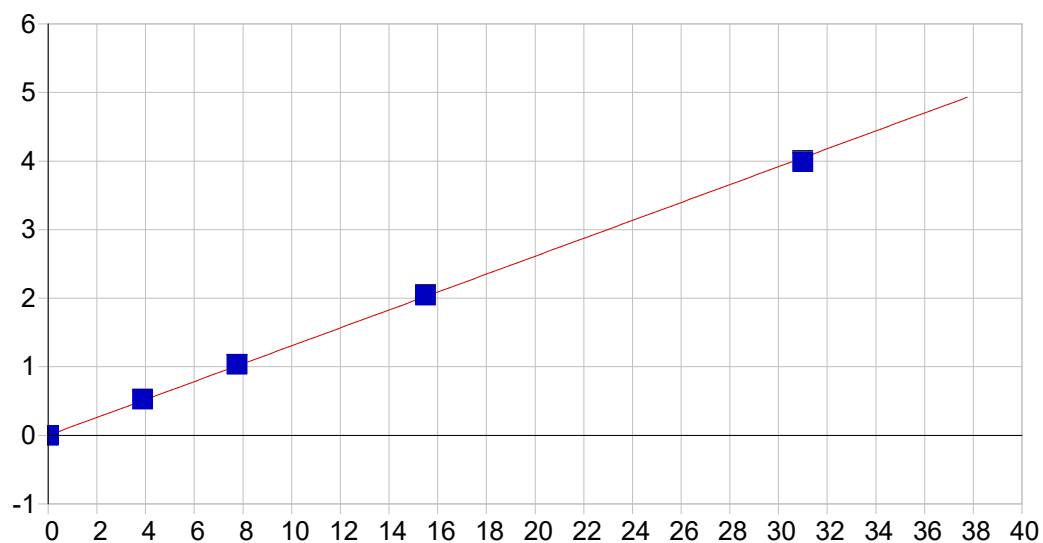


Ca 373.690 { 90}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000954 Re-Slope: 1.000000
 A1 (Gain): 0.047803 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999819 Status: OK.
 Std Error of Est: 0.003177
 Predicted MDL: 0.018189
 Predicted MQL: 0.060629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00096	.001	1
S1	5.0000	5.0671	.067	1.34	.24317	.001	1
S2	62.500	62.553	.053	.085	2.9912	.011	1
S3	125.00	123.69	-1.31	-1.05	5.9136	.020	1
S4	250.00	246.69	-3.31	-1.32	11.794	.011	1
S5	500.00	488.63	-11.4	-2.27	23.359	.083	1
S6	800.00	815.87	15.9	1.98	39.002	.096	1

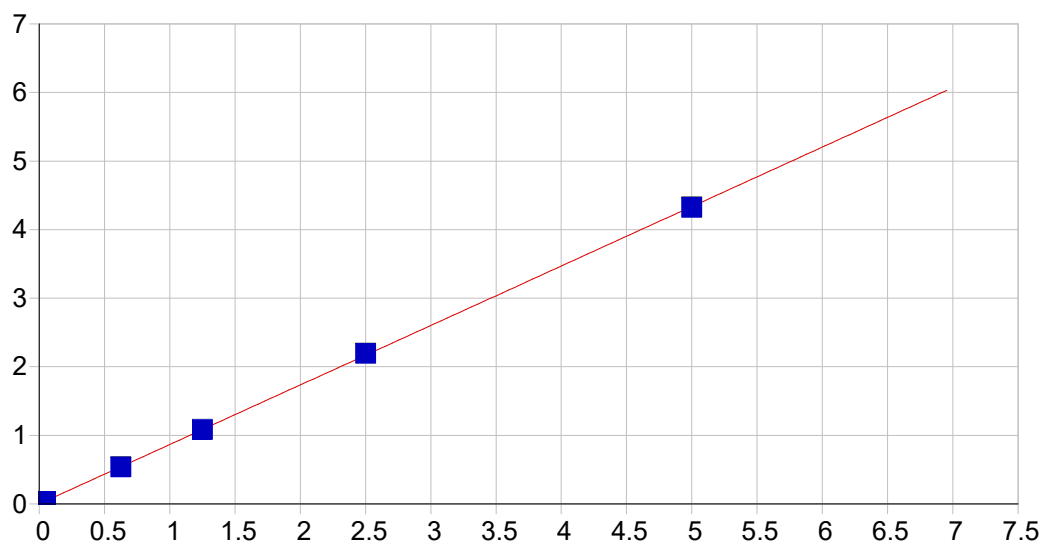


Cr 267.716 {126}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.130592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000679
 Predicted MQL: 0.002263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01000	.01089	.001	8.92	.00135	.000	1
S2	3.8750	4.0114	.136	3.52	.52393	.002	1
S3	7.7500	7.9205	.171	2.20	1.0346	.000	1
S4	15.500	15.649	.149	.961	2.0442	.006	1
S5	31.000	30.543	-.457	-1.47	3.9898	.014	1

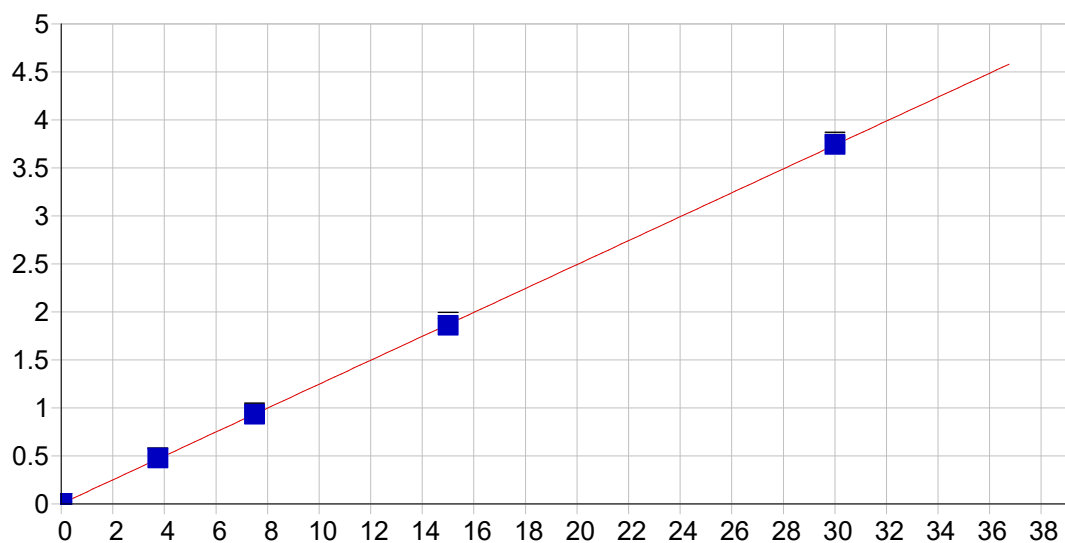


Co 228.616 {448}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.867273 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000373
 Predicted MQL: 0.001243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.05000	.04870	-.001	-2.59	.04246	.000	1
S2	.62500	.61816	-.007	-1.10	.53700	.001	1
S3	1.2500	1.2504	.000	.028	1.0861	.001	1
S4	2.5000	2.5272	.027	1.09	2.1951	.003	1
S5	5.0000	4.9806	-.019	-.388	4.3261	.005	1

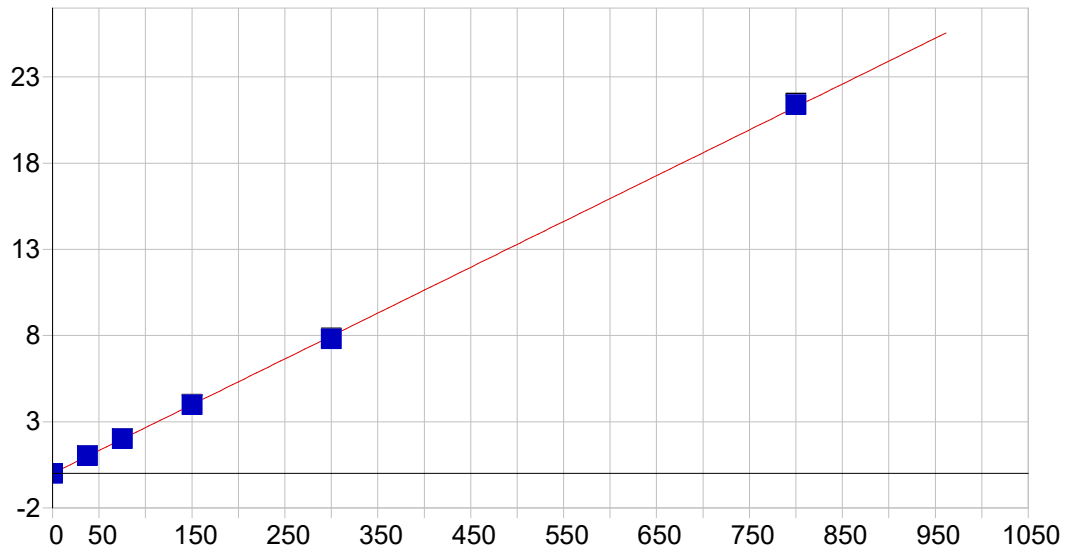


Cu 324.754 {104}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001585	Re-Slope:	1.000000
A1 (Gain):	0.124575	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.003984		
Predicted MQL:	0.013280		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00158	.000	1
S1	.02500	.02988	.005	19.5	.00530	.001	1
S2	3.7500	3.8066	.057	1.51	.47515	.006	1
S3	7.5000	7.4756	-.024	-.326	.93159	.013	1
S4	15.000	14.919	-.081	-.537	1.8576	.032	1
S5	30.000	30.044	.044	.145	3.7392	.025	1

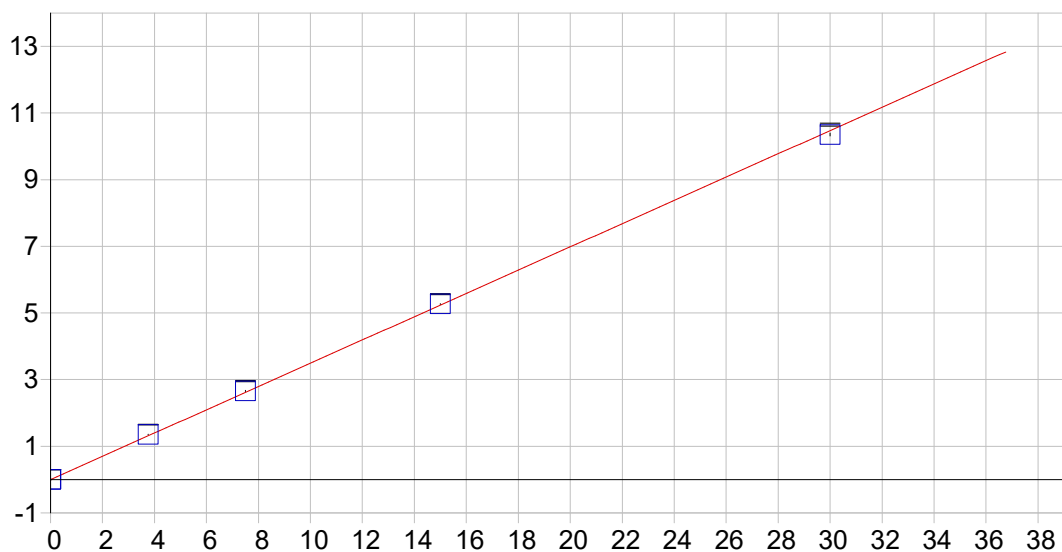


Fe 259.837 {130}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
 A1 (Gain): 0.026578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.015540
 Predicted MQL: 0.051799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.10000	.09865	-.001	-1.35	.00271	.000	1
S2	37.500	38.599	1.10	2.93	1.0271	.005	1
S3	75.000	75.730	.730	.973	2.0152	.013	1
S4	150.00	149.65	-.351	-.234	3.9822	.026	1
S5	300.00	293.48	-6.52	-2.17	7.8096	.046	1
S6	800.00	805.05	5.05	.631	21.411	.078	1

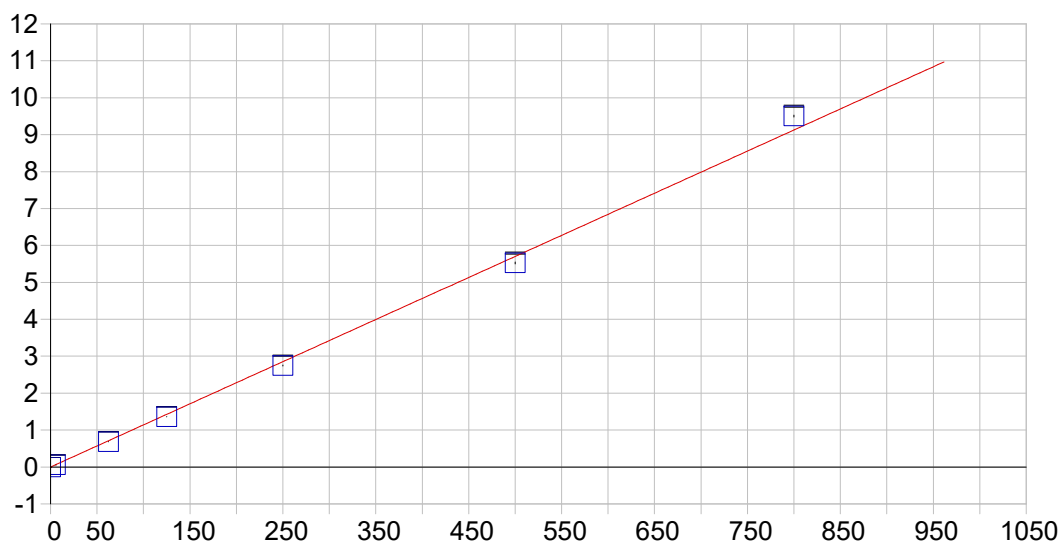


Mn 257.610 {131}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.349167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000176
 Predicted MDL: 0.000742
 Predicted MQL: 0.002473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01500	.01592	.001	6.13	.00548	.000	1
S2	3.7500	3.8864	.136	3.64	1.3569	.010	1
S3	7.5000	7.6215	.121	1.62	2.6611	.018	1
S4	15.000	15.084	.084	.559	5.2667	.015	1
S5	30.000	29.657	-.343	-1.14	10.355	.040	1

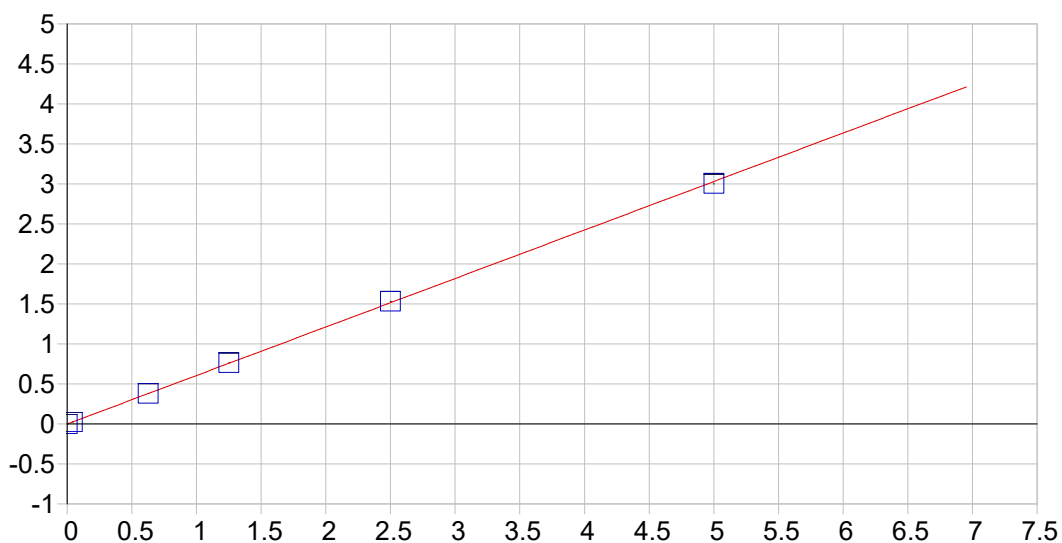


Mg 279.079 {121}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000387 Re-Slope: 1.000000
 A1 (Gain): 0.011408 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999265 Status: OK.
 Std Error of Est: 0.001527
 Predicted MDL: 0.031398
 Predicted MQL: 0.104661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00061	.001	.000	-.00038	.000	1
S1	5.0000	4.9591	-.041	-.818	.05619	.001	1
S2	62.500	59.916	-2.58	-4.13	.68316	.003	1
S3	125.00	119.36	-5.64	-4.51	1.3613	.008	1
S4	250.00	240.71	-9.29	-3.72	2.7457	.013	1
S5	500.00	484.43	-15.6	-3.11	5.5262	.027	1
S6	800.00	833.13	33.1	4.14	9.5042	.027	1

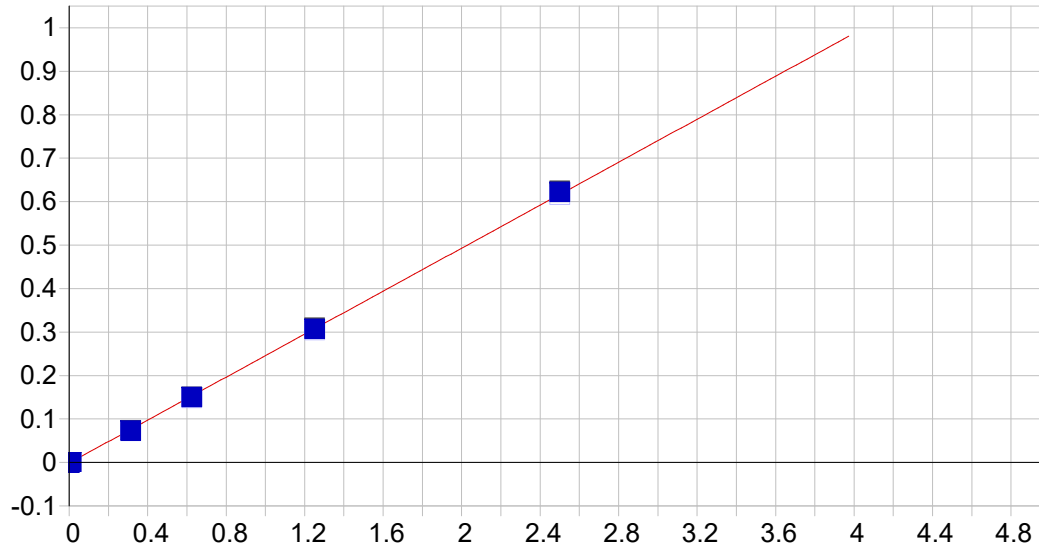


Ni 231.604 {446}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000848	Re-Slope:	1.000000
A1 (Gain):	0.606155	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.000613		
Predicted MQL:	0.002045		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00085	.000	1
S1	.04000	.04015	.000	.379	.02349	.000	1
S2	.62500	.62935	.004	.696	.38063	.001	1
S3	1.2500	1.2622	.012	.977	.76425	.000	1
S4	2.5000	2.5288	.029	1.15	1.5320	.001	1
S5	5.0000	4.9545	-.046	-.911	3.0023	.005	1

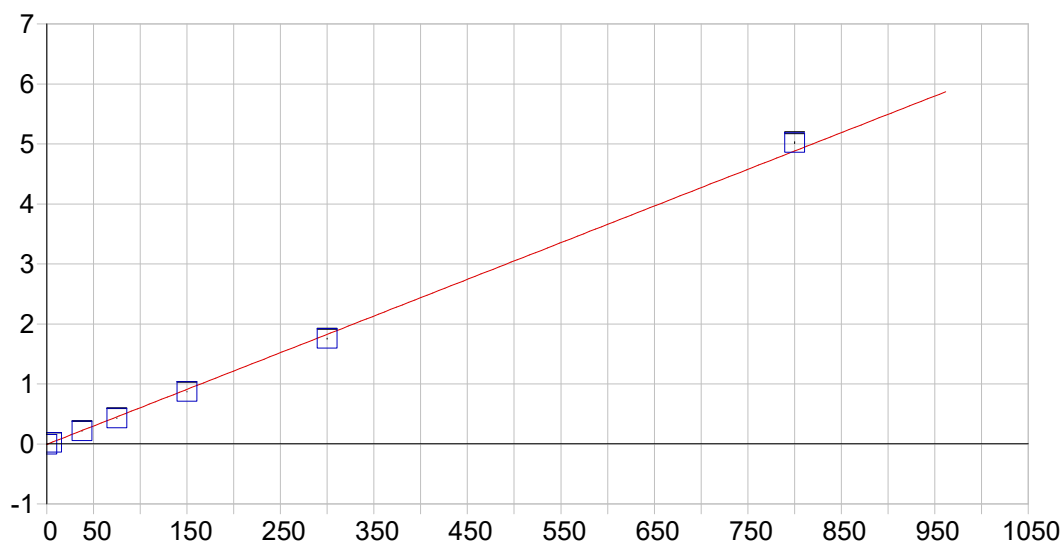


Ag 328.068 {103}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001459 Re-Slope: 1.000000
 A1 (Gain): 0.247213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000609
 Predicted MQL: 0.002031

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.01000	.01030	.000	3.05	.00107	.000	1
S2	.31250	.30200	-.010	-3.36	.07238	.001	1
S3	.62500	.61272	-.012	-1.96	.14837	.000	1
S4	1.2500	1.2492	-.001	-.062	.30408	.002	1
S5	2.5000	2.5232	.023	.930	.61574	.002	1

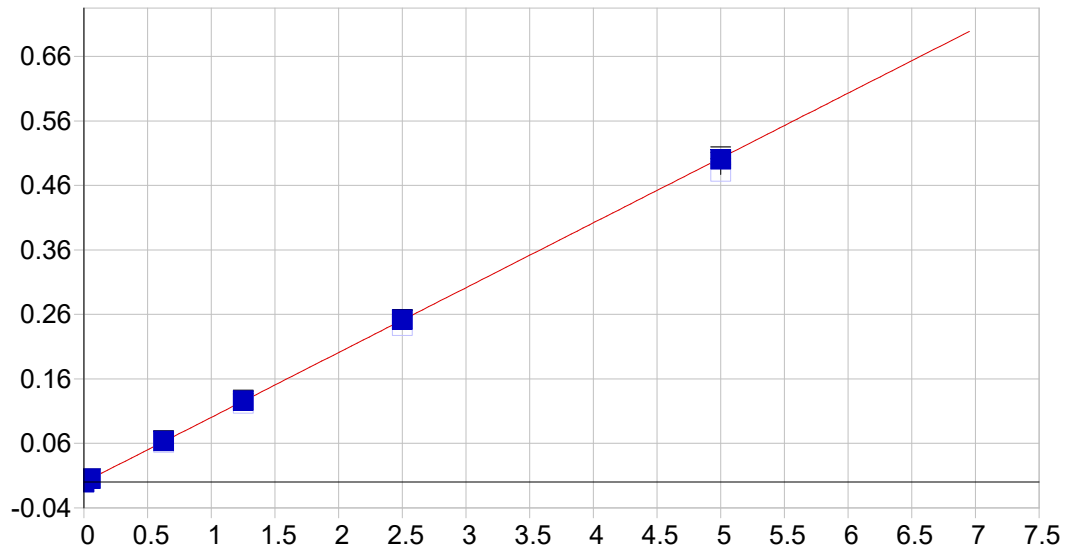


Na 818.326 { 41}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007201	Re-Slope:	1.000000
A1 (Gain):	0.006111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999424	Status:	OK.
Std Error of Est:	0.000642		
Predicted MDL:	0.311565		
Predicted MQL:	1.038551		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00075	.001	.000	-.00720	.001	1
S1	5.0000	4.8850	-.115	-2.30	.02265	.002	1
S2	37.500	36.578	-.922	-2.46	.21632	.003	1
S3	75.000	71.311	-3.69	-4.92	.42857	.003	1
S4	150.00	143.57	-6.43	-4.29	.87012	.002	1
S5	300.00	288.41	-11.6	-3.86	1.7553	.009	1
S6	800.00	822.74	22.7	2.84	5.0205	.017	1

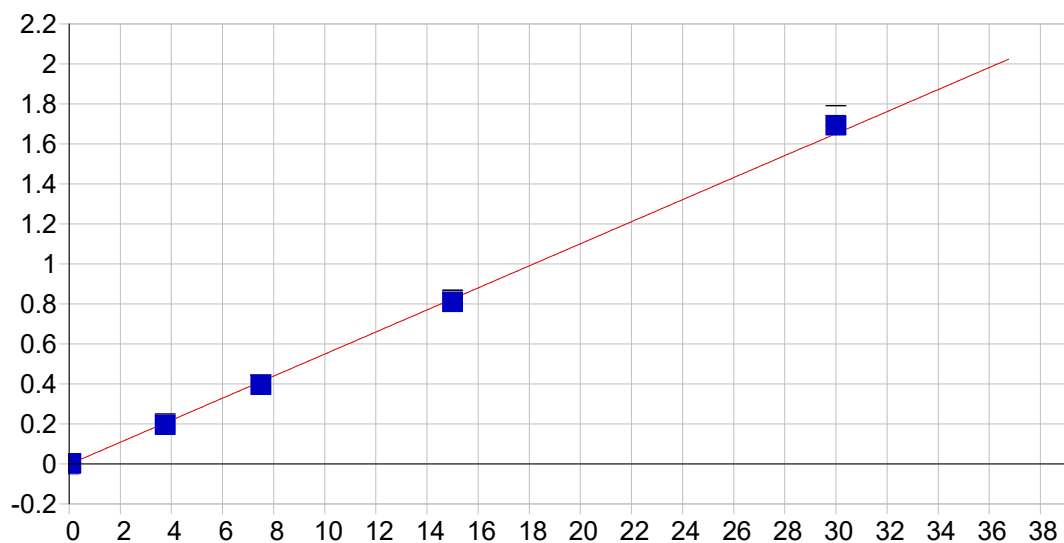


V 292.402 {115}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.100545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.004211
 Predicted MQL: 0.014038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.05000	.05230	.002	4.59	.00505	.000	1
S2	.62500	.63369	.009	1.39	.06121	.000	1
S3	1.2500	1.2594	.009	.750	.12181	.001	1
S4	2.5000	2.5038	.004	.152	.24230	.001	1
S5	5.0000	4.9758	-.024	-.485	.48160	.004	1

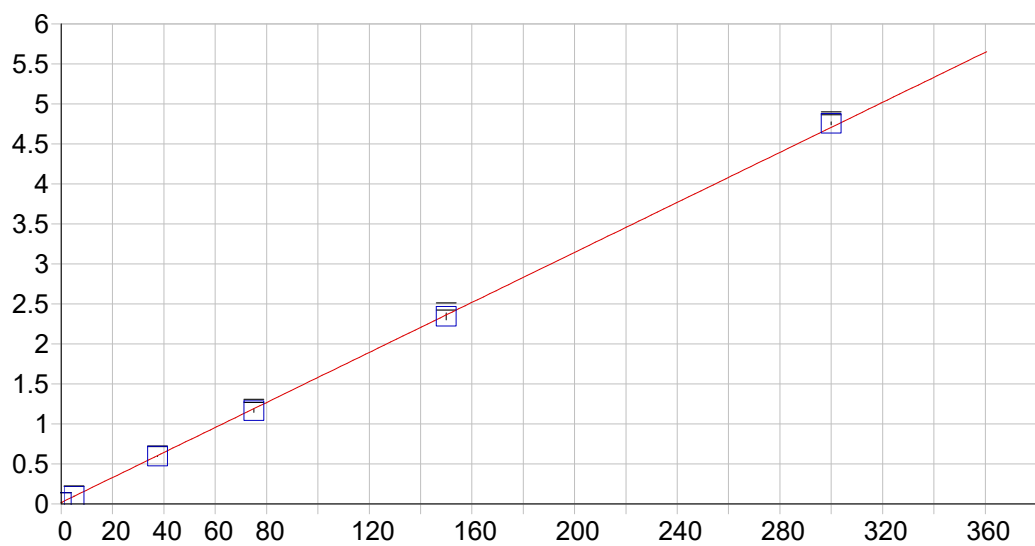


Zn 213.856 {158}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001999 Re-Slope: 1.000000
 A1 (Gain): 0.055121 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.022708
 Predicted MQL: 0.075693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00200	.000	1
S1	.06000	.07333	.013	22.2	.00205	.001	1
S2	3.7500	3.5639	-.186	-4.96	.19461	.005	1
S3	7.5000	7.2095	-.290	-3.87	.39572	.002	1
S4	15.000	14.730	-.270	-1.80	.81056	.009	1
S5	30.000	30.734	.734	2.45	1.6934	.048	1

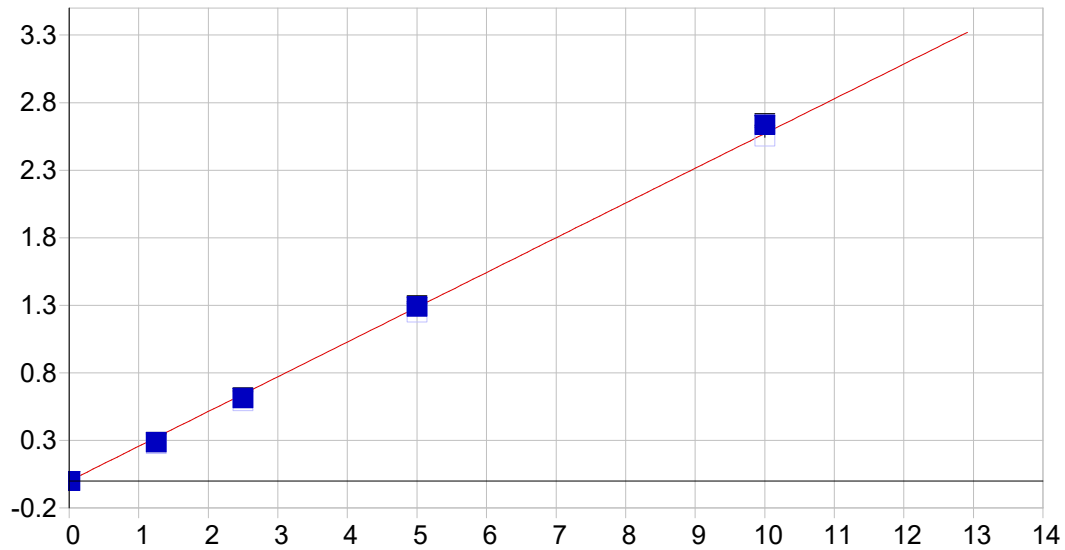


K 769.896 { 44 }

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017450 Re-Slope: 1.000000
 A1 (Gain): 0.015632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000412
 Predicted MDL: 0.102677
 Predicted MQL: 0.342257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.01745	.001	1
S1	5.0000	5.1437	.144	2.87	.09785	.002	1
S2	37.500	37.021	-.479	-1.28	.59615	.006	1
S3	75.000	73.339	-1.66	-2.22	1.1638	.018	1
S4	150.00	148.74	-1.26	-.837	2.3426	.045	1
S5	300.00	303.25	3.25	1.08	4.7577	.019	1

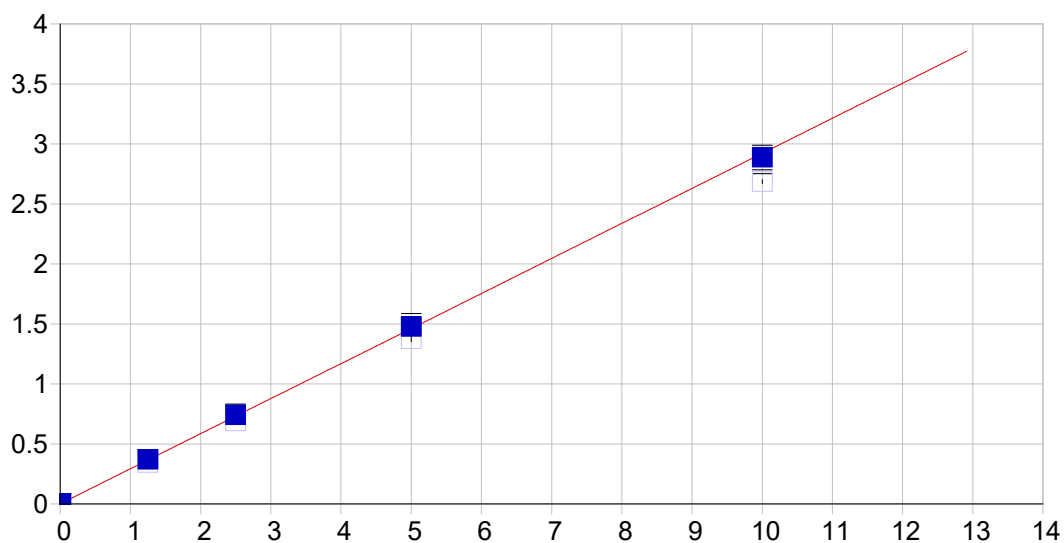


P 177.495 {490}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000663 Re-Slope: 1.000000
 A1 (Gain): 0.257187 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998971 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.000564
 Predicted MQL: 0.001881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00066	.000	1
S1	.01000	.00070	-.009	-93.0	-.00054	.000	1
S2	1.2500	1.1117	-.138	-11.1	.27461	.001	1
S3	2.5000	2.3799	-.120	-4.80	.59015	.004	1
S4	5.0000	5.0152	.015	.303	1.2466	.007	1
S5	10.000	10.253	.253	2.53	2.5511	.009	1

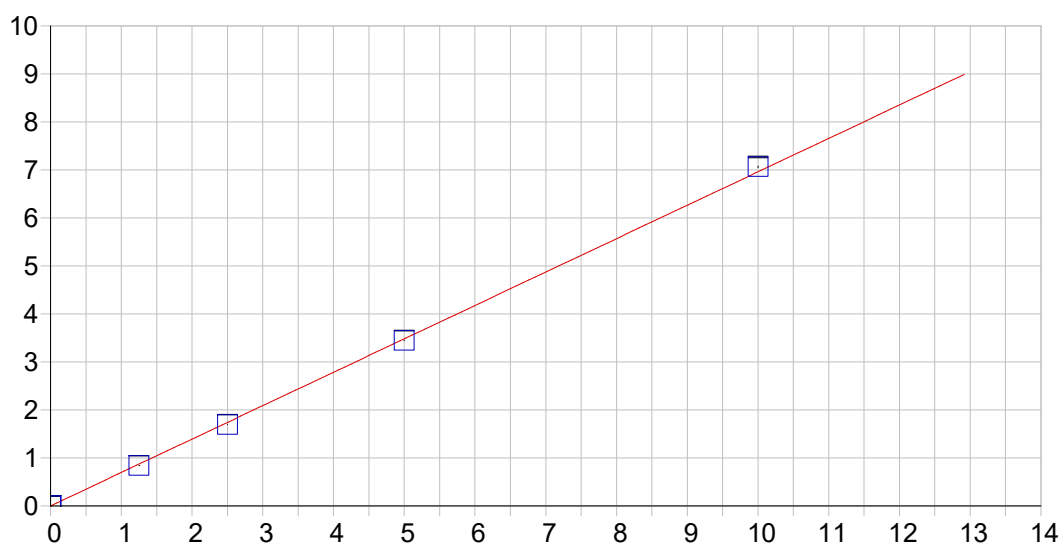


B 249.678 {135}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000789	Re-Slope:	1.000000
A1 (Gain):	0.292048	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999913	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.001351		
Predicted MQL:	0.004505		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.01000	.00909	-.001	-9.12	.00340	.000	1
S2	1.2500	1.2640	.014	1.12	.34453	.001	1
S3	2.5000	2.5400	.040	1.60	.69179	.007	1
S4	5.0000	5.0591	.059	1.18	1.3767	.024	1
S5	10.000	9.8879	-.112	-1.12	2.6854	.017	1

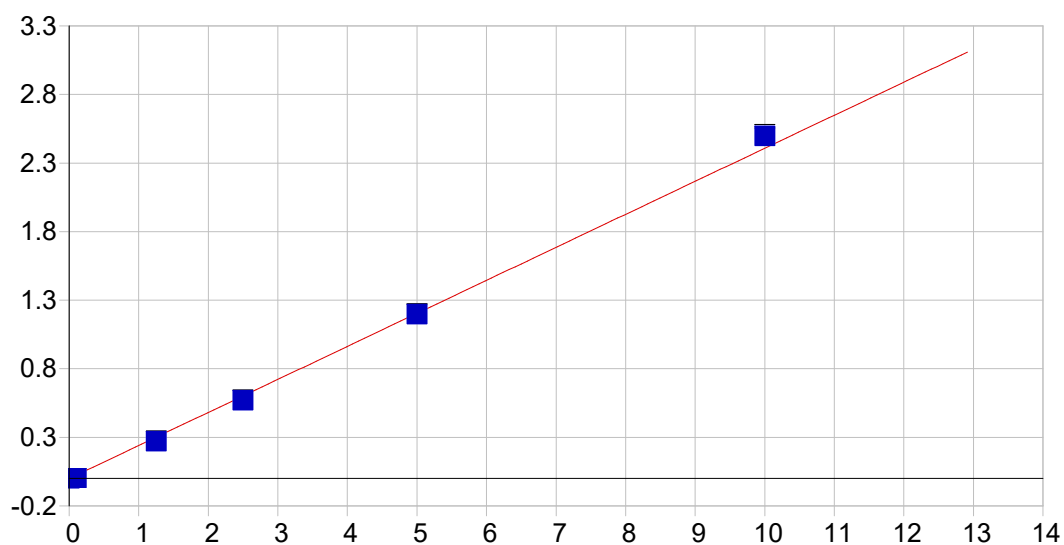


Mo 202.030 {467}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000242 Re-Slope: 1.000000
 A1 (Gain): 0.695993 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000203
 Predicted MDL: 0.000525
 Predicted MQL: 0.001750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.01050	.000	5.00	.00755	.000	1
S2	1.2500	1.2086	-.041	-3.31	.84141	.001	1
S3	2.5000	2.4368	-.063	-2.53	1.6963	.006	1
S4	5.0000	4.9541	-.046	-.918	3.4482	.008	1
S5	10.000	10.150	.150	1.50	7.0646	.015	1

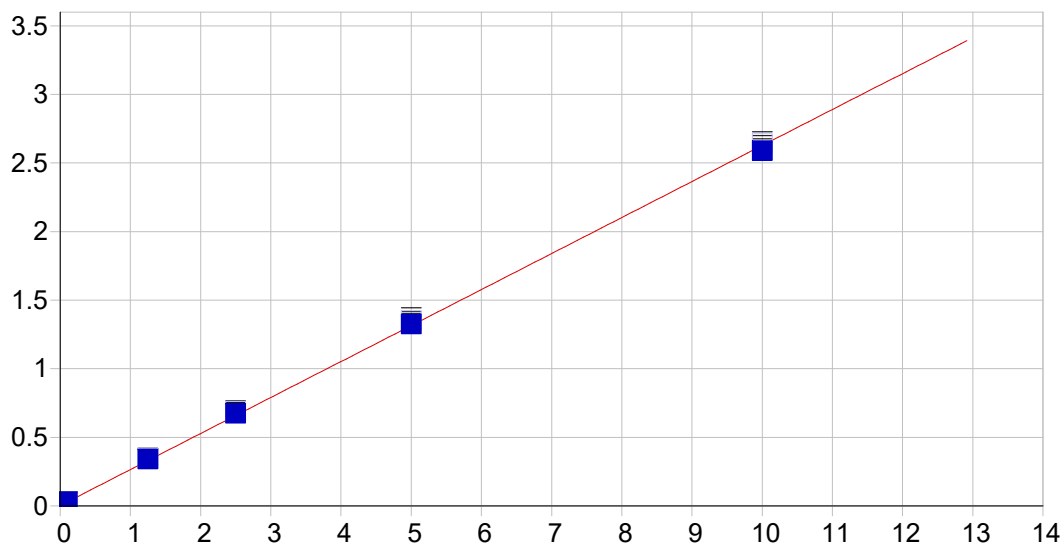


S 182.034 {485}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.240766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996920 Status: OK.
 Std Error of Est: 0.001006
 Predicted MDL: 0.000748
 Predicted MQL: 0.002494

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.00005	.000	1
S1	.10000	.00854	-.091	-91.5	.00207	.000	1
S2	1.2500	1.1272	-.123	-9.83	.27137	.002	1
S3	2.5000	2.3671	-.133	-5.31	.56987	.002	1
S4	5.0000	4.9780	-.022	-.440	1.1984	.004	1
S5	10.000	10.369	.369	3.69	2.4963	.012	1

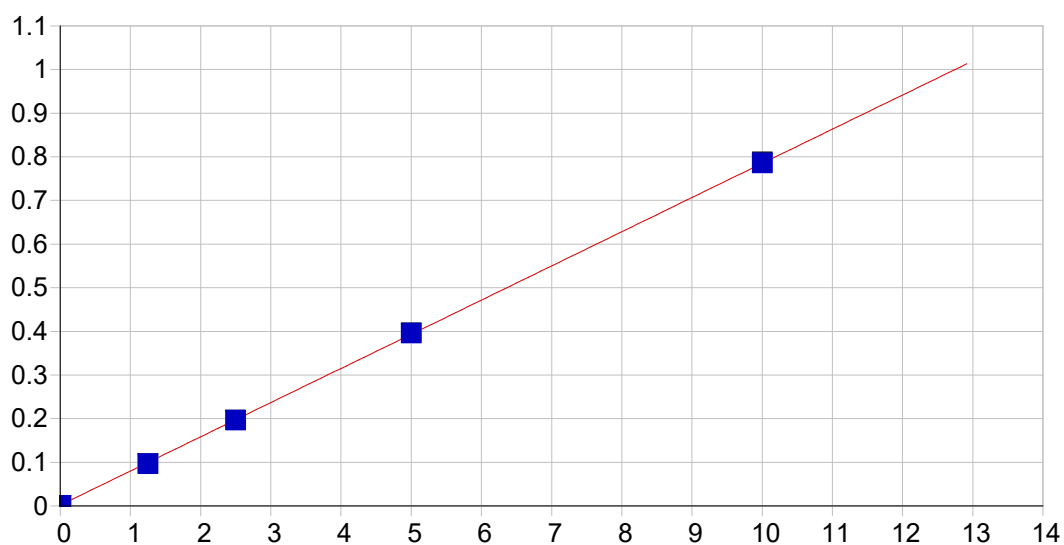


Si 251.611 {134}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002751 Re-Slope: 1.000000
 A1 (Gain): 0.262441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.001544
 Predicted MQL: 0.005147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00275	.000	1
S1	.10000	.10186	.002	1.86	.02977	.001	1
S2	1.2500	1.2890	.039	3.12	.34744	.001	1
S3	2.5000	2.5599	.060	2.40	.68736	.007	1
S4	5.0000	5.0398	.040	.795	1.3510	.020	1
S5	10.000	9.8595	-.141	-1.41	2.6415	.013	1

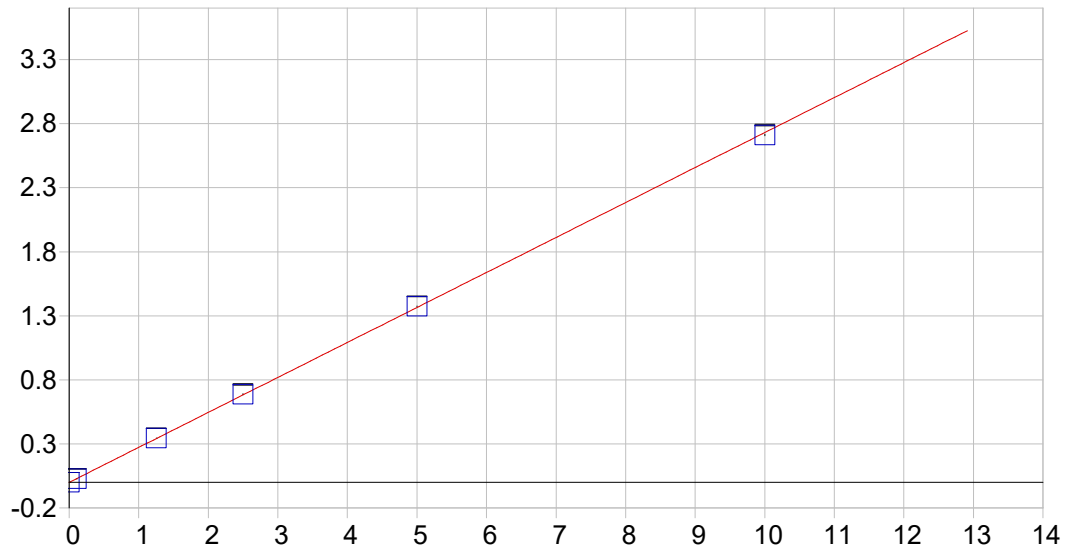


Sn 189.989 {478}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001669	Re-Slope:	1.000000
A1 (Gain):	0.078330	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.002267		
Predicted MQL:	0.007556		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00167	.000	1
S1	.00700	.00661	-.000	-5.57	.00217	.000	1
S2	1.2500	1.2115	-.038	-3.08	.09630	.000	1
S3	2.5000	2.4849	-.015	-.603	.19578	.000	1
S4	5.0000	5.0360	.036	.719	.39507	.000	1
S5	10.000	10.018	.018	.180	.78425	.002	1

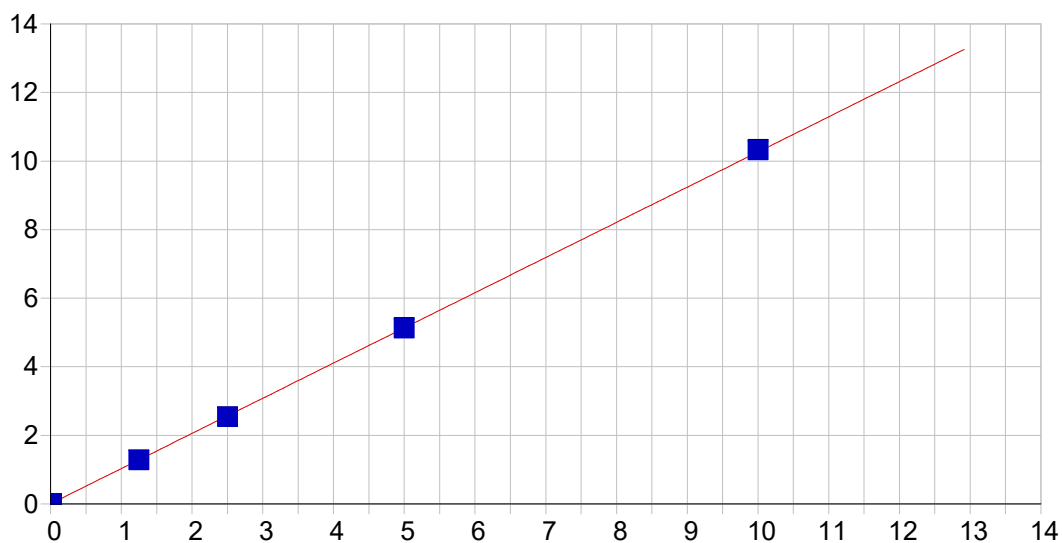


Ti 336.121 {100}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000529 Re-Slope: 1.000000
 A1 (Gain): 0.273109 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.002083
 Predicted MQL: 0.006942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00053	.000	1
S1	.10000	.10443	.004	4.43	.02799	.000	1
S2	1.2500	1.2641	.014	1.13	.34471	.001	1
S3	2.5000	2.5195	.020	.781	.68758	.005	1
S4	5.0000	5.0316	.032	.633	1.3737	.002	1
S5	10.000	9.9303	-.070	-.697	2.7115	.006	1

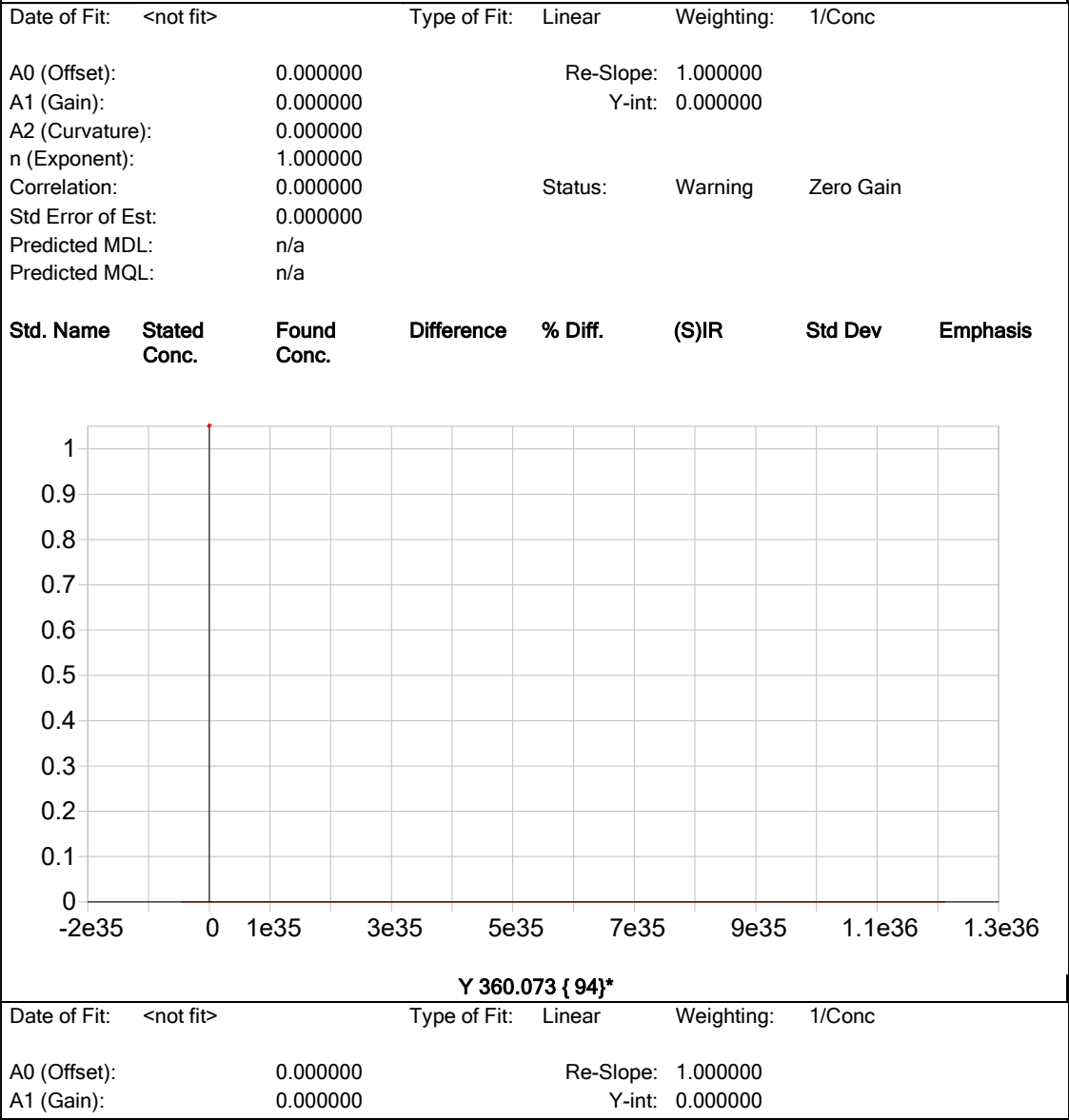
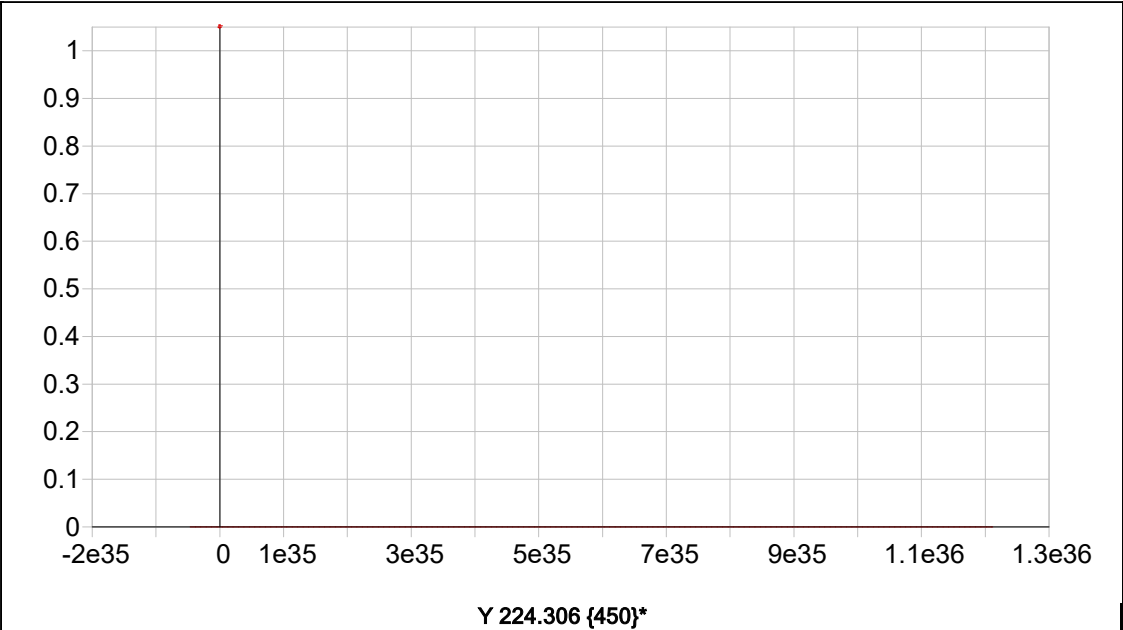


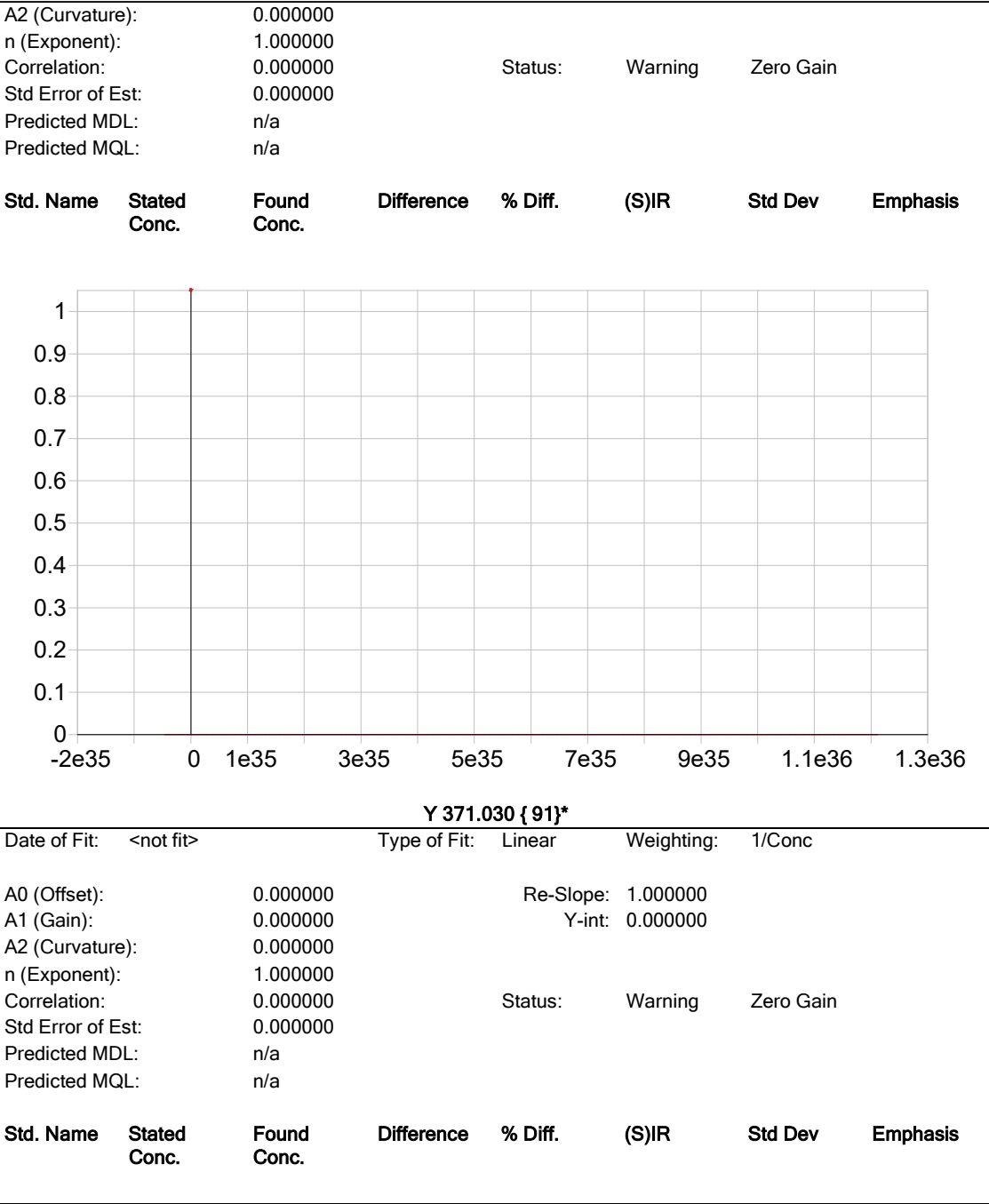
Li 670.784 { 50}

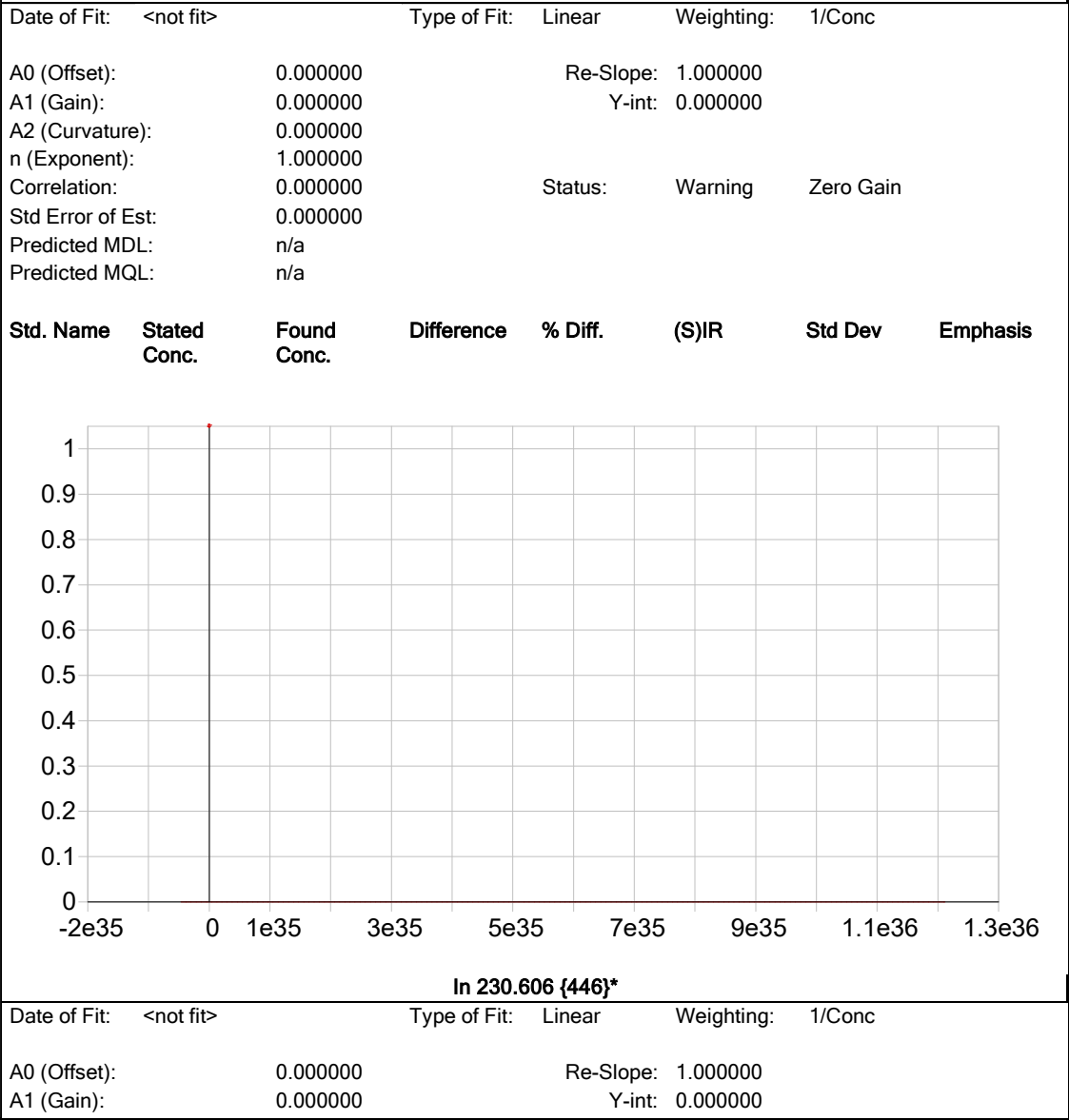
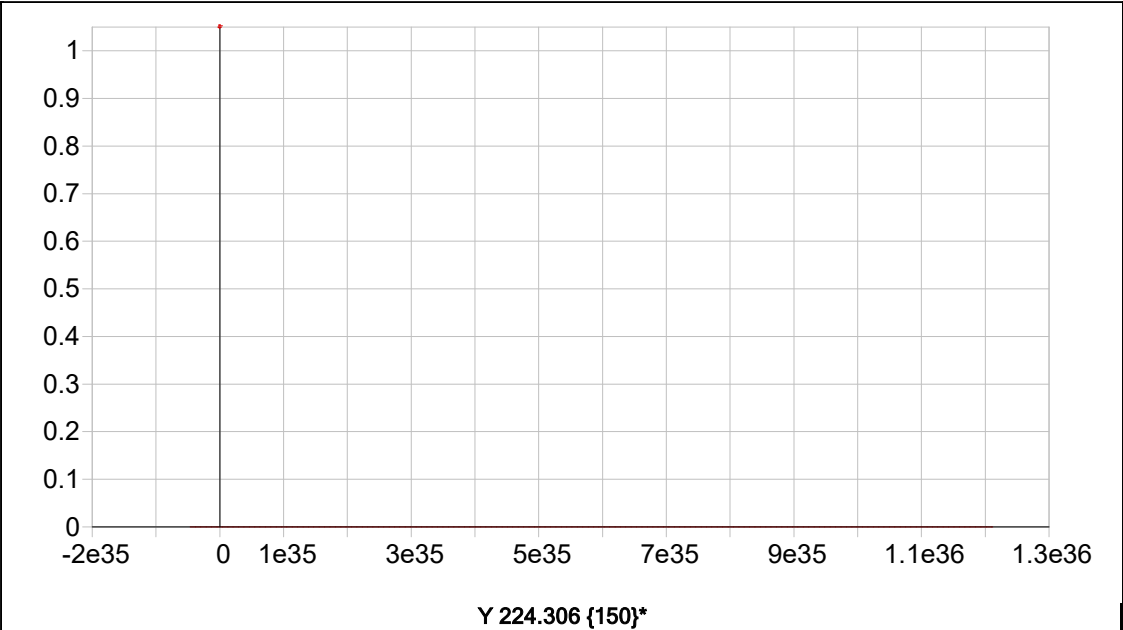
Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004039 Re-Slope: 1.000000
 A1 (Gain): 1.026075 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.001981
 Predicted MQL: 0.006603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00404	.001	1
S5	10.000	10.053	.053	.531	10.308	.022	1
S4	5.0000	4.9867	-.013	-.267	5.1152	.018	1
S3	2.5000	2.4719	-.028	-1.13	2.5376	.005	1
S2	1.2500	1.2397	-.010	-.820	1.2747	.004	1
S1	.01500	.01364	-.001	-9.04	.01796	.001	1



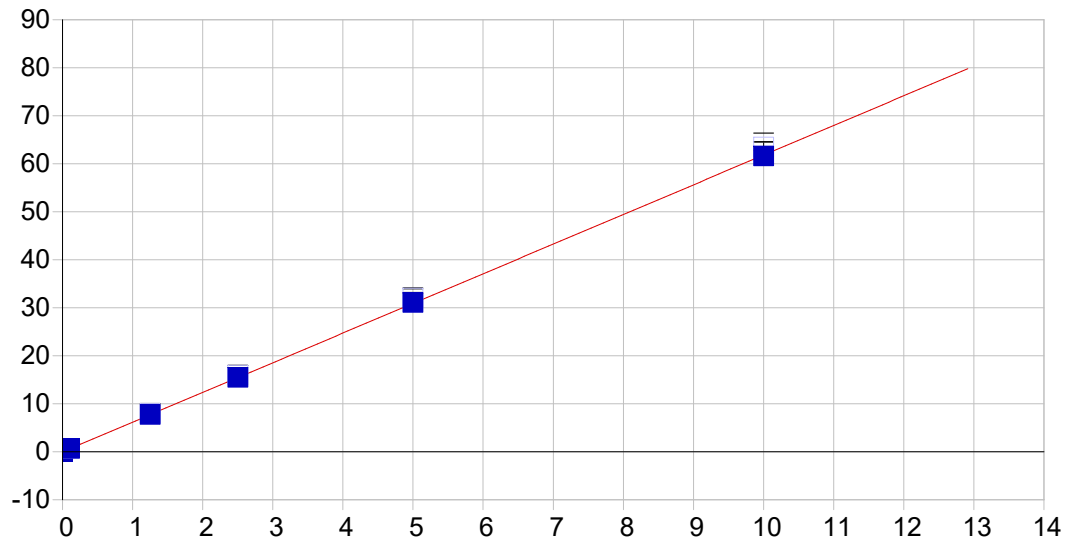




A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 01/10/2022 17:20:30 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000
 A1 (Gain): 6.179282 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.001740
 Predicted MDL: 0.000144
 Predicted MQL: 0.000478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00001	.000	1
S1	.10000	.10546	.005	5.46	.65232	.003	1
S2	1.2500	1.2518	.002	.142	7.9669	.030	1
S3	2.5000	2.5024	.002	.094	15.926	.014	1
S4	5.0000	5.0240	.024	.479	31.971	.085	1
S5	10.000	9.9666	-.033	-.334	63.440	.879	1

Sample Name: S0 Acquired: 01/09/2022 20:01:22 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00017	-.00037	-.00042	.00032	.00057	-.00315	.00525	-.00096
Stddev	.00015	.00005	.00030	.00014	.00031	.00068	.00100	.00016
%RSD	85.685	14.413	71.581	42.399	55.093	21.693	19.108	16.971
#1	-.00025	-.00043	-.00059	.00032	.00021	-.00343	.00623	-.00110
#2	-.00026	-.00036	-.00059	.00046	.00076	-.00364	.00422	-.00078
#3	-.00000	-.00032	-.00007	.00019	.00075	-.00237	.00529	-.00101
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	.00072	.00096	-.00008	.00008	.00158	.00008	-.00008	-.00038
Stddev	.00011	.00052	.00008	.00005	.00011	.00042	.00011	.00033
%RSD	15.862	54.106	105.57	67.318	6.7473	539.77	139.17	86.251
#1	.00059	.00140	-.00008	.00012	.00160	-.00029	-.00020	-.00020
#2	.00079	.00109	.00001	.00002	.00147	-.00002	-.00001	-.00076
#3	.00077	.00039	-.00015	.00008	.00168	.00054	-.00002	-.00018
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	-.00085	-.00146	-.00720	-.00019	-.00200	.01745	-.00066	.00079
Stddev	.00013	.00005	.00118	.00047	.00042	.00133	.00001	.00031
%RSD	15.109	3.2128	16.431	245.19	20.927	7.6503	.78144	39.023
#1	-.00080	-.00145	-.00851	-.00018	-.00231	.01848	-.00066	.00101
#2	-.00075	-.00142	-.00686	-.00067	-.00152	.01792	-.00066	.00044
#3	-.00099	-.00151	-.00622	.00027	-.00216	.01594	-.00067	.00092
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	.00024	.00005	.00275	.00167	-.00053	.00404	.00001	
Stddev	.00009	.00020	.00004	.00014	.00046	.00141	.00040	
%RSD	37.494	429.34	1.3171	8.1082	86.308	34.872	6065.7	
#1	.00034	.00013	.00271	.00152	-.00000	.00302	.00024	
#2	.00023	-.00018	.00278	.00169	-.00083	.00345	-.00046	
#3	.00016	.00019	.00276	.00179	-.00075	.00565	.00024	

Sample Name: S0 Acquired: 01/09/2022 20:01:22 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.2	38800.	6131.1	1079.2	2028.3
Stddev	1.6	315.	89.3	2.9	3.8
%RSD	.12728	.81098	1.4573	.26871	.18921
#1	1266.9	38789.	6091.1	1081.8	2030.9
#2	1267.8	39120.	6068.7	1079.9	2023.9
#3	1270.0	38491.	6233.4	1076.1	2030.2

Sample Name: S1 Acquired: 01/09/2022 20:05:26 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	.00003	.00049	.00101	.00207	.00843	.01586	.65584	.01832
Stddev	.00012	.00006	.00035	.00014	.00015	.00155	.00103	.00017
%RSD	388.53	11.759	34.406	6.5331	1.8284	9.7747	.15766	.91941

#1	.00000	.00045	.00061	.00209	.00860	.01597	.65502	.01814
#2	-.00007	.00055	.00116	.00192	.00838	.01735	.65700	.01846
#3	.00016	.00047	.00125	.00219	.00830	.01426	.65550	.01837

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	.01607	.24317	.00135	.04246	.00530	.00271	.00548	.05619
Stddev	.00020	.00098	.00008	.00019	.00050	.00009	.00020	.00053
%RSD	1.2424	.40298	6.2391	.45462	9.4405	3.1991	3.7023	.93702

#1	.01599	.24254	.00129	.04265	.00586	.00276	.00560	.05574
#2	.01592	.24430	.00131	.04226	.00516	.00261	.00560	.05677
#3	.01629	.24268	.00144	.04247	.00488	.00276	.00525	.05606

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	.02349	.00107	.02265	.00505	.00205	.09785	-.00054	.00340
Stddev	.00024	.00002	.00165	.00023	.00133	.00155	.00009	.00010
%RSD	1.0213	1.9649	7.2699	4.5476	64.747	1.5844	17.038	3.0329

#1	.02359	.00107	.02163	.00499	.00319	.09712	-.00044	.00341
#2	.02367	.00105	.02455	.00486	.00059	.09963	-.00062	.00330
#3	.02322	.00109	.02177	.00531	.00238	.09680	-.00058	.00351

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	.00755	.00207	.02977	.00217	.02799	.01796	.65232	
Stddev	.00002	.00003	.00072	.00013	.00015	.00057	.00284	
%RSD	.31431	1.2298	2.4322	6.0754	.54165	3.1702	.43552	

#1	.00752	.00205	.03054	.00232	.02792	.01836	.65135	
#2	.00756	.00205	.02965	.00211	.02789	.01820	.65010	
#3	.00757	.00210	.02911	.00208	.02817	.01730	.65552	

Sample Name: S1 Acquired: 01/09/2022 20:05:26 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.9	39271.	6109.6	1085.7	2017.5
Stddev	1.3	357.	29.3	3.7	1.6
%RSD	.10563	.90857	.47915	.34199	.08047
#1	1268.9	39612.	6121.9	1084.9	2015.8
#2	1268.4	39300.	6076.1	1089.7	2017.9
#3	1266.4	38900.	6130.6	1082.4	2019.0

Sample Name: S2 Acquired: 01/09/2022 20:09:33 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	.02287	.04940	.90827	.05587	.15842	3.3895	8.0508	.47845
Stddev	.00023	.00034	.00192	.00047	.00052	.0270	.0349	.00054
%RSD	1.0083	.68704	.21102	.84013	.33086	.79590	.43404	.11227

#1	.02286	.04978	.90675	.05569	.15861	3.3689	8.0108	.47800
#2	.02311	.04912	.90763	.05640	.15783	3.4200	8.0662	.47904
#3	.02265	.04932	.91042	.05552	.15883	3.3796	8.0753	.47830

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	1.8314	2.9912	.52393	.53700	.47515	1.0271	1.3569	.68316
Stddev	.0032	.0115	.00191	.00111	.00555	.0053	.0102	.00294
%RSD	.17496	.38275	.36473	.20584	1.1690	.51737	.74902	.42989

#1	1.8328	2.9805	.52503	.53578	.47242	1.0228	1.3489	.68026
#2	1.8278	3.0033	.52173	.53794	.48155	1.0331	1.3684	.68613
#3	1.8337	2.9897	.52505	.53728	.47150	1.0255	1.3535	.68310

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	.38063	.07238	.21632	.06121	.19461	.59615	.27461	.34453
Stddev	.00055	.00083	.00305	.00045	.00549	.00574	.00129	.00122
%RSD	.14419	1.1472	1.4103	.74279	2.8218	.96244	.46809	.35510

#1	.38032	.07310	.21349	.06074	.20095	.59393	.27385	.34403
#2	.38031	.07257	.21955	.06165	.19134	.60266	.27389	.34593
#3	.38127	.07147	.21591	.06124	.19154	.59185	.27610	.34364

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	.84141	.27137	.34744	.09630	.34471	1.2747	7.9669
Stddev	.00113	.00157	.00097	.00021	.00050	.0043	.0300
%RSD	.13473	.57733	.27939	.21546	.14561	.33677	.37599

#1	.84028	.27299	.34724	.09632	.34460	1.2700	7.9552
#2	.84142	.26987	.34850	.09650	.34428	1.2783	8.0009
#3	.84254	.27126	.34659	.09609	.34526	1.2759	7.9445

Sample Name: S2 Acquired: 01/09/2022 20:09:33 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.5	38302.	6048.8	1048.4	1823.5
Stddev	3.6	290.	30.8	9.4	5.0
%RSD	.30022	.75613	.50858	.89759	.27628
#1	1217.2	38030.	6028.7	1046.2	1826.6
#2	1213.3	38269.	6033.5	1040.3	1826.1
#3	1209.9	38606.	6084.2	1058.7	1817.6

Sample Name: S3 Acquired: 01/09/2022 20:13:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	.04742	.09809	1.8354	.11259	.31940	6.7412	16.011	.94858
Stddev	.00030	.00058	.0054	.00066	.00135	.0681	.008	.01107
%RSD	.62633	.59591	.29524	.58798	.42284	1.0109	.04830	1.1674

#1	.04741	.09813	1.8326	.11183	.31817	6.7608	16.018	.95583
#2	.04712	.09749	1.8320	.11304	.32085	6.6654	16.003	.93583
#3	.04772	.09866	1.8416	.11290	.31918	6.7974	16.011	.95408

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	3.6792	5.9136	1.0346	1.0861	.93159	2.0152	2.6611	1.3613
Stddev	.0089	.0203	.0003	.0014	.01345	.0129	.0182	.0081
%RSD	.24110	.34240	.03218	.12420	1.4439	.64102	.68294	.59797

#1	3.6726	5.9021	1.0349	1.0871	.93618	2.0177	2.6608	1.3612
#2	3.6759	5.9017	1.0345	1.0846	.91645	2.0012	2.6431	1.3532
#3	3.6893	5.9370	1.0343	1.0866	.94215	2.0267	2.6794	1.3695

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	.76425	.14837	.42857	.12181	.39572	1.1638	.59015	.69179
Stddev	.00046	.00008	.00348	.00058	.00174	.0184	.00399	.00658
%RSD	.06050	.05531	.81112	.47924	.43926	1.5780	.67571	.95184

#1	.76375	.14836	.42857	.12193	.39488	1.1720	.58664	.69720
#2	.76432	.14846	.42510	.12117	.39772	1.1428	.58933	.68446
#3	.76467	.14829	.43205	.12232	.39456	1.1767	.59449	.69372

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	1.6963	.56987	.68736	.19578	.68758	2.5376	15.926
Stddev	.0061	.00235	.00669	.00038	.00503	.0051	.014
%RSD	.36196	.41298	.97369	.19521	.73195	.19987	.08800

#1	1.6901	.56814	.69149	.19534	.68526	2.5357	15.940
#2	1.7023	.56893	.67964	.19600	.69335	2.5433	15.912
#3	1.6964	.57255	.69096	.19600	.68412	2.5337	15.927

Sample Name: S3 Acquired: 01/09/2022 20:13:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.8	37702.	6013.7	1013.6	1724.4
Stddev	5.1	342.	31.7	7.3	2.3
%RSD	.43779	.90746	.52660	.71698	.13434
#1	1166.8	37743.	5977.9	1017.7	1722.2
#2	1165.0	37341.	6038.1	1005.2	1726.8
#3	1174.6	38021.	6025.1	1017.9	1724.1

Sample Name: S4 Acquired: 01/09/2022 20:17:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	.09849	.19399	3.6806	.22962	.65961	13.702	32.227	1.8546
Stddev	.00057	.00047	.0036	.00118	.00244	.109	.124	.0338
%RSD	.57432	.24107	.09698	.51600	.36981	.79837	.38389	1.8197

#1	.09784	.19385	3.6764	.22983	.65980	13.578	32.362	1.8161
#2	.09885	.19451	3.6827	.23068	.65708	13.784	32.200	1.8787
#3	.09878	.19360	3.6826	.22834	.66195	13.745	32.120	1.8691

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.3526	11.794	2.0442	2.1951	1.8576	3.9822	5.2667	2.7457
Stddev	.0046	.011	.0061	.0028	.0315	.0260	.0153	.0135
%RSD	.06252	.09007	.29670	.12823	1.6968	.65170	.29039	.49079

#1	7.3529	11.785	2.0455	2.1926	1.8213	3.9558	5.2493	2.7303
#2	7.3571	11.805	2.0494	2.1946	1.8781	4.0077	5.2780	2.7554
#3	7.3479	11.791	2.0375	2.1981	1.8735	3.9831	5.2728	2.7515

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	1.5320	.30408	.87012	.24230	.81056	2.3426	1.2466	1.3767
Stddev	.0008	.00185	.00232	.00061	.00861	.0445	.0070	.0244
%RSD	.05248	.60885	.26703	.25362	1.0625	1.9010	.55830	1.7741

#1	1.5329	.30571	.86757	.24232	.80745	2.2913	1.2388	1.3500
#2	1.5318	.30445	.87066	.24291	.80394	2.3717	1.2521	1.3979
#3	1.5314	.30207	.87212	.24168	.82030	2.3647	1.2490	1.3822

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	3.4482	1.1984	1.3510	.39507	1.3737	5.1152	31.971	
Stddev	.0077	.0039	.0198	.00016	.0023	.0181	.085	
%RSD	.22257	.32684	1.4679	.04065	.16954	.35436	.26683	

#1	3.4445	1.1969	1.3287	.39521	1.3759	5.1351	31.874	
#2	3.4571	1.2029	1.3667	.39510	1.3712	5.0997	32.005	
#3	3.4432	1.1955	1.3575	.39490	1.3739	5.1107	32.035	

Sample Name: S4 Acquired: 01/09/2022 20:17:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.0	36548.	5932.5	962.92	1613.5
Stddev	1.6	157.	88.5	4.10	2.1
%RSD	.14730	.43039	1.4914	.42622	.13128
#1	1100.6	36367.	6034.5	963.37	1615.8
#2	1097.3	36629.	5885.6	966.78	1611.6
#3	1099.1	36649.	5877.2	958.61	1613.1

Sample Name: S5 Acquired: 01/09/2022 20:21:05 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	.20373	.37514	7.3023	.47518	1.3895	28.001	63.970	3.6138
Stddev	.00031	.00225	.0106	.00151	.0006	.144	.512	.0132
%RSD	.15233	.60108	.14564	.31803	.04202	.51405	.80053	.36428

#1	.20408	.37722	7.3144	.47642	1.3891	27.902	63.908	3.6231
#2	.20361	.37545	7.2977	.47349	1.3902	27.934	63.491	3.6195
#3	.20350	.37274	7.2947	.47561	1.3893	28.166	64.510	3.5987

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	14.355	23.359	3.9898	4.3261	3.7392	7.8096	10.355	5.5262
Stddev	.026	.083	.0137	.0052	.0247	.0461	.040	.0266
%RSD	.18276	.35533	.34328	.12035	.66169	.58995	.39099	.48142

#1	14.383	23.313	3.9811	4.3320	3.7187	7.7921	10.353	5.5209
#2	14.331	23.309	4.0056	4.3221	3.7322	7.7749	10.316	5.5025
#3	14.351	23.455	3.9827	4.3243	3.7667	7.8619	10.397	5.5550

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	3.0023	.61574	1.7553	.48160	1.6934	4.7577	2.5511	2.6854
Stddev	.0051	.00220	.0086	.00435	.0484	.0190	.0085	.0169
%RSD	.16898	.35723	.49029	.90416	2.8567	.39876	.33480	.62780

#1	3.0082	.61385	1.7517	.47824	1.6467	4.7413	2.5604	2.6918
#2	2.9994	.61816	1.7490	.48004	1.6902	4.7535	2.5495	2.6981
#3	2.9994	.61522	1.7651	.48652	1.7433	4.7785	2.5435	2.6663

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	7.0646	2.4963	2.6415	.78425	2.7115	10.308	63.440
Stddev	.0151	.0121	.0134	.00217	.0063	.022	.879
%RSD	.21388	.48673	.50565	.27652	.23332	.21208	1.3851

#1	7.0591	2.5095	2.6511	.78666	2.7162	10.289	63.360
#2	7.0529	2.4937	2.6470	.78365	2.7141	10.304	62.605
#3	7.0816	2.4856	2.6262	.78245	2.7043	10.332	64.357

Sample Name: S5 Acquired: 01/09/2022 20:21:05 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.16	35509.	5819.9	898.64	1496.7
Stddev	2.78	36.	13.5	5.62	3.1
%RSD	.27836	.10071	.23216	.62527	.20961
#1	997.30	35551.	5804.3	896.64	1493.6
#2	999.86	35487.	5828.4	904.99	1499.9
#3	994.32	35490.	5826.9	894.30	1496.4

Sample Name: S6 Acquired: 01/09/2022 20:25:10 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) 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	74.875	39.002	21.411	9.5042	5.0205
Stddev	.672	.096	.078	.0267	.0174
%RSD	.89814	.24673	.36552	.28128	.34568

#1	74.455	38.973	21.381	9.4932	5.0290
#2	75.650	38.923	21.353	9.4847	5.0005
#3	74.518	39.109	21.500	9.5347	5.0319

Int. Std.	Y_3710
Units	Cts/S
Avg	5723.9
Stddev	41.3
%RSD	.72118

#1	5688.5
#2	5769.3
#3	5713.9

Sample Name: ICV005 Acquired: 01/09/2022 20:29:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9402542	1.091673	1.009384	1.020999	.9726073	2.413642
Stddev	.0046304	.003298	.002803	.006346	.0047773	.014406
%RSD	.4924629	.3020721	.2776584	.6215288	.4911838	.5968574

#1	.9349075	1.094655	1.008453	1.022038	.9671922	2.430276
#2	.9429201	1.088131	1.012533	1.014198	.9744039	2.405212
#3	.9429350	1.092232	1.007164	1.026761	.9762258	2.405439

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5241942	.5505051	.5205555	10.30341	.5702931	.5081809
Stddev	.0023847	.0002643	.0011783	.02325	.0015802	.0008837
%RSD	.4549316	.0480108	.2263613	.2256811	.2770879	.1738912

#1	.5235325	.5506371	.5191971	10.29060	.5717705	.5077437
#2	.5222102	.5502008	.5213020	10.33025	.5686270	.5091980
#3	.5268399	.5506774	.5211674	10.28938	.5704819	.5076011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267660	10.60328	.5155636	5.730807	.5198794	.2467259
Stddev	.0013969	.04725	.0021146	.017896	.0020969	.0004187
%RSD	.2651758	.4456485	.4101618	.3122686	.4033521	.1696932

#1	.5256675	10.62435	.5142761	5.737692	.5191342	.2464609
#2	.5262922	10.54916	.5144105	5.710491	.5182568	.2465081
#3	.5283381	10.63633	.5180041	5.744238	.5222472	.2472085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.875068	.5277459	.9184971	9.975880	F .0035969	F .0164886
Stddev	.204197	.0075690	.0189435	.110999	.0001941	.0004703
%RSD	2.067800	1.434218	2.062442	1.112675	5.395054	2.852160

#1	9.667808	.5208875	.9280094	10.09698	.0033910	.0163312
#2	9.881338	.5264834	.9307995	9.95168	.0037764	.0161172
#3	10.07606	.5358667	.8966825	9.87898	.0036232	.0170174

Sample Name: ICV005 Acquired: 01/09/2022 20:29:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0002627	F -.001219	F .0086293	F .0023397	F -.001184	F .0029898
Stddev	.0003885	.000168	.0014607	.0014673	.000610	.0011625
%RSD	147.9002	13.76616	16.92673	62.71450	51.49704	38.88227
#1	-.000182	-.001314	.0102221	.0036554	-.001687	.0041639
#2	.000538	-.001026	.0083134	.0026063	-.001360	.0029665
#3	.000432	-.001319	.0073525	.0007573	-.000506	.0018392

Elem	Sr4077
Units	ppm
Avg	F -.009306
Stddev	.000087
%RSD	.9325659
#1	-.009298
#2	-.009224
#3	-.009397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.513	39148.15	6139.970	1101.479	2003.212
Stddev	.259	77.94	26.322	4.015	.541
%RSD	.0204056	.1991018	.4286983	.3645064	.0269954
#1	1271.803	39102.56	6133.716	1098.175	2003.837
#2	1271.304	39103.73	6117.339	1100.314	2002.908
#3	1271.432	39238.15	6168.856	1105.947	2002.892

Sample Name: ICB005 Acquired: 01/09/2022 20:34:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006556	-.001245	.0007977	-.000737	.0011345	.0035514	-.000012
Stddev	.0065325	.002977	.0016793	.005384	.0027099	.0074472	.000202
%RSD	996.3753	239.2107	210.5000	730.9263	238.8632	209.6979	1633.327

#1	.0081957	.001777	-.000993	.000975	.0038273	.0079487	.000092
#2	-.002930	-.001335	.001050	-.006768	-.001592	-.005047	.000116
#3	-.003299	-.004176	.002337	.003584	.001168	.007753	-.000245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0000851	.0057441	.0000698	-.000509	.0023246	.0053533
Stddev	.000069	.0000842	.0062688	.0000809	.000320	.0026624	.0045108
%RSD	117.2114	98.91202	109.1343	115.8429	62.92035	114.5307	84.26118

#1	.000004	.0001065	.0015137	-.000002	-.000506	.0008679	.0001554
#2	-.000047	.0001566	.0129462	.000158	-.000190	.0007084	.0082404
#3	-.000132	-.000008	.0027725	.000054	-.000830	.0053976	.0076642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000983	-.008277	-.000259	.0001267	.1918785	-.001406	.0132858
Stddev	.000336	.002407	.000300	.0006735	.2901810	.002793	.0055423
%RSD	34.15382	29.07425	115.9451	531.7223	151.2317	198.5967	41.71589

#1	-.000790	-.009904	.000034	-.000408	.2767712	-.001461	.0133016
#2	-.001370	-.005513	-.000565	-.000095	.4301454	-.004171	.0077356
#3	-.000788	-.009415	-.000245	.000883	-.131281	.001414	.0188201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3228822	-.000788	.0048507	.0003861	.0003855	.0017958	.0014446
Stddev	.0170910	.000132	.0018273	.0004223	.0006839	.0009195	.0006102
%RSD	5.293261	16.72699	37.66991	109.3521	177.4321	51.20336	42.23678

#1	.3045705	-.000687	.0035630	.0005115	-.000293	.0020938	.0021446
#2	.3256650	-.000937	.0069420	-.000085	.000374	.0025293	.0010250
#3	.3384110	-.000740	.0040471	.000732	.001075	.0007642	.0011643

Sample Name: ICB005 Acquired: 01/09/2022 20:34:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003300	.0021342	-.000224
Stddev	.0021593	.0021200	.000097
%RSD	654.3114	99.33551	43.24589

#1	-.001108	.0030559	-.000300
#2	-.000715	-.000291	-.000115
#3	.002813	.003637	-.000258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.684	38876.43	6044.058	1084.194	2047.285
Stddev	1.473	314.28	21.312	17.768	2.068
%RSD	.1153603	.8084156	.3526181	1.638863	.1010088

#1	1276.671	38644.36	6052.600	1070.361	2049.637
#2	1275.217	39234.09	6059.775	1104.233	2045.751
#3	1278.162	38750.85	6019.800	1077.988	2046.468

Sample Name: ICSA005 Acquired: 01/09/2022 20:38:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004725	-.011360	-.000791	.0085264	.0026110	249.1867
Stddev	.010316	.005035	.002732	.0036537	.0021589	2.4759
%RSD	218.3489	44.32131	345.5249	42.85217	82.68266	.9936054

#1	.006974	-.016086	.002202	.0063783	.0006264	246.4737
#2	-.012519	-.006065	-.003151	.0127451	.0049098	249.7622
#3	-.008628	-.011928	-.001422	.0064558	.0022969	251.3242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070529	.0009855	-.001664	255.8983	.0588278	-.000835
Stddev	.0007057	.0000630	.000169	.8476	.0005192	.000371
%RSD	10.00641	6.396839	10.16367	.3312094	.8825286	44.47255

#1	.0062502	.0009719	-.001809	255.0970	.0587722	-.000598
#2	.0075758	.0009303	-.001478	255.8125	.0593726	-.000645
#3	.0073327	.0010542	-.001703	256.7856	.0583387	-.001263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020723	103.4019	.0087185	248.9123	.0031653	-.008647
Stddev	.0014470	.7841	.0003504	2.1147	.0007284	.000096
%RSD	69.82668	.7583330	4.018639	.8495930	23.01093	1.104626

#1	.0030943	102.5886	.0083730	246.6301	.0023254	-.008747
#2	.0027060	103.4637	.0090736	249.3011	.0035479	-.008557
#3	.0004165	104.1532	.0087089	250.8056	.0036226	-.008636

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131726	-.001220	.0497816	.2222450	F -.010630	F .0801733
Stddev	.1589040	.002200	.0210264	.0389633	.000108	.0010007
%RSD	74.54241	180.3946	42.23735	17.53171	1.016167	1.248224

#1	.0777782	-.003758	.0429903	.2668029	-.010751	.0808012
#2	.3881160	-.000053	.0329901	.2053590	-.010594	.0806995
#3	.1736237	.000152	.0733643	.1945730	-.010545	.0790192

Sample Name: ICSA005 Acquired: 01/09/2022 20:38:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002295	.0000030	-.000845	-.001930	-.001696	.0023642
Stddev	.0008377	.0009711	.002172	.001663	.001702	.0015019
%RSD	365.0212	32143.17	256.9232	86.16886	100.3374	63.52826
#1	.0008614	-.001085	.001429	-.000354	-.001908	.0006720
#2	.0005477	.000783	-.001067	-.001768	.000102	.0028812
#3	-.000721	.000310	-.002898	-.003668	-.003283	.0035392

Elem	Sr4077
Units	ppm
Avg	.0046589
Stddev	.0005883
%RSD	12.62788
#1	.0050169
#2	.0049798
#3	.0039799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.095	37014.23	5977.206	1009.514	1692.023
Stddev	1.050	201.88	52.522	7.418	2.528
%RSD	.0889413	.5454161	.8787095	.7348348	.1494364
#1	1180.441	36815.90	6036.053	1001.121	1692.556
#2	1182.307	37219.49	5935.079	1012.225	1694.242
#3	1180.537	37007.31	5960.487	1015.195	1689.270

Sample Name: ICSAB005 Acquired: 01/09/2022 20:42:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038637	.0966904	.0517149	.0701364	.5931153	248.3097
Stddev	.0136966	.0060404	.0018739	.0013964	.0072872	.9466
%RSD	13.18708	6.247147	3.623600	1.990906	1.228630	.3812030

#1	.1171150	.0966399	.0515272	.0685854	.5941212	248.5220
#2	.0897615	.0906754	.0536756	.0712934	.5998473	247.2751
#3	.1047145	.1027558	.0499419	.0705305	.5853774	249.1322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5311387	.5469361	1.054638	254.2681	.6064586	.5153482
Stddev	.0010670	.0007944	.001100	.2876	.0017909	.0002700
%RSD	.2008959	.1452434	.1043028	.1131108	.2953096	.0524003

#1	.5320982	.5468421	1.055466	254.4245	.6043906	.5150685
#2	.5299896	.5461930	1.053390	253.9361	.6074830	.5153686
#3	.5313286	.5477734	1.055059	254.4435	.6075021	.5156074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5128353	102.9214	.5109620	248.0603	1.037040	.2019166
Stddev	.0023516	.1648	.0020540	.4031	.004184	.0021042
%RSD	.4585546	.1601569	.4019914	.1624886	.4034393	1.042119

#1	.5106966	103.0382	.5119079	248.3025	1.035495	.2042708
#2	.5124557	102.7329	.5086054	247.5950	1.033850	.2012601
#3	.5153537	102.9932	.5123726	248.2835	1.041777	.2002189

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3322673	.5234790	.8842153	.0746379	-.005178	F .0763808
Stddev	.3406694	.0073848	.0461645	.0654313	.000439	.0030847
%RSD	102.5287	1.410720	5.220952	87.66495	8.478122	4.038546

#1	.2194652	.5180624	.9272392	.1459669	-.005682	.0728591
#2	.0623059	.5318909	.8354478	.0605464	-.004971	.0776794
#3	.7150308	.5204837	.8899589	.0174005	-.004880	.0786038

Sample Name: ICSAB005 Acquired: 01/09/2022 20:42:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005670	-.000810	-.000543	.0005796	-.004114	-.000073
Stddev	.0004473	.000811	.000842	.0017433	.002258	.001459
%RSD	78.87810	100.0759	154.9436	300.7559	54.89376	1987.919

#1	.0006162	-.001710	-.000889	.0023890	-.005154	-.001020
#2	.0009876	-.000136	.000416	.0004388	-.001523	-.000807
#3	.0000972	-.000585	-.001157	-.001089	-.005664	.001607

Elem	Sr4077
Units	ppm
Avg	.0039529
Stddev	.0003589
%RSD	9.080362

#1	.0035400
#2	.0041902
#3	.0041286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.520	37222.64	5957.583	1024.184	1699.514
Stddev	.623	153.23	32.437	4.633	1.763
%RSD	.0526850	.4116591	.5444621	.4523887	.1037292

#1	1182.092	37050.42	5922.846	1020.962	1698.760
#2	1182.232	37273.61	5987.083	1029.494	1698.253
#3	1183.235	37343.89	5962.819	1022.096	1701.528

Sample Name: CCV060 Acquired: 01/09/2022 20:46:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020648	4.868409	24.51431	4.849779	4.869590	400.5730
Stddev	.041349	.025316	.06908	.015111	.014243	2.4303
%RSD	.8235775	.5200040	.2817961	.3115717	.2924947	.6067172

#1	5.068371	4.896491	24.56582	4.836995	4.875662	403.3381
#2	4.998051	4.861400	24.43581	4.845889	4.853316	398.7751
#3	4.995521	4.847336	24.54131	4.866455	4.879790	399.6060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.986985	.5008801	2.469838	396.3397	15.20067	2.493165
Stddev	.033390	.0014330	.004385	1.0821	.02379	.004454
%RSD	.3343370	.2860995	.1775333	.2730357	.1565342	.1786318

#1	10.02487	.5023854	2.471488	397.0522	15.22378	2.494079
#2	9.96183	.4995324	2.464868	395.0945	15.17625	2.488325
#3	9.97426	.5007227	2.473159	396.8726	15.20197	2.497091

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97715	399.5320	14.80816	388.8011	2.472065	1.229562
Stddev	.11047	2.1477	.06137	1.2722	.006172	.003429
%RSD	.7375877	.5375446	.4144288	.3272082	.2496687	.2788810

#1	15.10062	401.9452	14.87609	390.1999	2.476733	1.233490
#2	14.88768	397.8308	14.75673	387.7131	2.465067	1.228027
#3	14.94314	398.8199	14.79167	388.4903	2.474395	1.227169

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.2948	2.477787	14.50345	150.5997	F 5.514177	5.112596
Stddev	2.7061	.024065	.33306	.9554	.004085	.020997
%RSD	.6933374	.9712149	2.296429	.6344278	.0740866	.4106818

#1	393.3158	2.504085	14.11899	151.6712	5.517703	5.135743
#2	388.0930	2.472411	14.68720	149.8365	5.515127	5.094776
#3	389.4756	2.456866	14.70415	150.2915	5.509700	5.107270

Sample Name: CCV060 Acquired: 01/09/2022 20:46:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.841805	5.126511	4.927625	4.969556	4.941845	4.988820
Stddev	.005290	.021575	.017051	.016206	.024329	.014621
%RSD	.1092493	.4208450	.3460279	.3261093	.4923071	.2930839
#1	4.842549	5.149967	4.947298	4.988265	4.913995	4.977468
#2	4.836183	5.122048	4.917124	4.960537	4.958963	4.983673
#3	4.846683	5.107516	4.918451	4.959866	4.952576	5.005319

Elem	Sr4077
Units	ppm
Avg	4.733513
Stddev	.017008
%RSD	.3593147
#1	4.714462
#2	4.738908
#3	4.747170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.361	35812.84	5839.835	939.9490	1523.456
Stddev	3.291	21.08	5.397	1.2230	2.982
%RSD	.3109110	.0588657	.0924116	.1301175	.1957166
#1	1061.113	35836.72	5833.923	939.5185	1523.047
#2	1059.255	35796.81	5844.497	938.9994	1526.621
#3	1054.716	35805.00	5841.086	941.3291	1520.700

Sample Name: CCB060 Acquired: 01/09/2022 20:50:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002053	-.000092	.0006111	.0010833	-.000070	.0022325	.0003088
Stddev	.018234	.003235	.0015003	.0096833	.001590	.0078540	.0005959
%RSD	888.3878	3505.503	245.5281	893.8527	2265.777	351.8028	192.9795

#1	-.022933	.001588	-.000703	-.009445	.001244	.0111592	.0004008
#2	.006042	.001956	.000290	.003086	-.001838	-.000845	.0008533
#3	.010733	-.003821	.002246	.009608	.000383	-.003617	-.000328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000224	.0000914	.0332382	.0003486	-.000084	.0016080	.0017827
Stddev	.0000544	.0000689	.0210140	.0003014	.000116	.0026438	.0156296
%RSD	242.7182	75.33612	63.22233	86.44437	138.7441	164.4147	876.7466

#1	.0000323	.0001542	.0466581	.0000014	.000047	.0010974	.0152501
#2	-.000036	.0000177	.0440359	.0005030	-.000122	.0044699	-.015356
#3	.000071	.0001024	.0090206	.0005415	-.000176	-.000743	.005454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	.0261797	-.000192	.0003593	.0797558	-.001038	.0000971
Stddev	.000528	.0124825	.000123	.0000840	.1437163	.002651	.0127754
%RSD	940.6286	47.67979	64.37155	23.37677	180.1955	255.3562	13164.10

#1	-.000580	.0382097	-.000310	.0002628	.2412793	.001383	-.012356
#2	.000476	.0270402	-.000200	.0004163	-.033975	-.003871	.013172
#3	-.000064	.0132893	-.000064	.0003988	.031963	-.000627	-.000525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156597	-.001098	.0097247	.0009778	.0006302	.0016058	.0022912
Stddev	.1560541	.000108	.0013417	.0005389	.0005477	.0006693	.0031548
%RSD	72.36126	9.815336	13.79698	55.11014	86.92237	41.67697	137.6922

#1	.0358634	-.001088	.0087702	.0010911	.0000020	.0009381	-.000264
#2	.2951737	-.001210	.0091451	.0003913	.0008806	.0022766	.005817
#3	.3159420	-.000995	.0112588	.0014511	.0010079	.0016027	.001321

Sample Name: CCB060 Acquired: 01/09/2022 20:50:15 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002875	.0016943	-.000027
Stddev	.0008630	.0026473	.000102
%RSD	300.1968	156.2432	376.4316

#1	.0005957	.0037792	-.000017
#2	-.000687	-.001284	-.000133
#3	.000954	.002588	.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.876	39237.20	6077.567	1099.799	2042.280
Stddev	2.118	65.30	26.559	7.277	2.780
%RSD	.1661618	.1664302	.4369962	.6617108	.1361424

#1	1274.961	39305.50	6108.000	1099.111	2041.884
#2	1276.950	39175.37	6065.625	1092.889	2045.237
#3	1272.716	39230.73	6059.075	1107.395	2039.718

Sample Name: PB140367BL Acquired: 01/09/2022 20:54:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076394	-.000193	-.000104	-.006659	.0029659	.0022892	.0000574
Stddev	.0042353	.003224	.000521	.001311	.0011139	.0037268	.0002296
%RSD	55.44090	1667.398	502.2976	19.68104	37.55814	162.7954	400.0560

#1	.0113191	-.003767	-.000702	-.005377	.0019701	.0009673	.0001369
#2	.0030097	.000691	.000246	-.007997	.0041689	.0064967	.0002367
#3	.0085893	.002496	.000145	-.006603	.0027587	-.000596	-.000201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000046	.0031673	-.000016	-.000460	.0061902	.0028372
Stddev	.000082	.000056	.0125785	.000325	.000121	.0017157	.0093133
%RSD	304.8427	123.0813	397.1321	2049.612	26.26516	27.71586	328.2524

#1	-.000106	-.000066	.0010829	.000057	-.000343	.0069204	-.003858
#2	-.000032	-.000089	-.008239	.000266	-.000584	.0074200	.013473
#3	.000058	.000018	.016658	-.000371	-.000453	.0042302	-.001103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002723	.0174407	-.000175	.0001304	.1725152	-.003178	-.000199
Stddev	.0002199	.0195743	.000733	.0004227	.2404069	.000992	.007273
%RSD	80.74872	112.2338	420.0418	324.2917	139.3540	31.20640	3655.561

#1	.0003173	.0046279	-.000649	.0006054	.4416003	-.003255	-.003707
#2	.0004662	.0077216	.000670	-.000204	-.021107	-.002150	-.005052
#3	.0000334	.0399725	-.000544	-.000010	.097052	-.004129	.008163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2534431	-.001059	.0026692	.0003661	.0005266	-.000245	.0033441
Stddev	.0399376	.000512	.0010639	.0004640	.0006212	.002026	.0006644
%RSD	15.75800	48.33373	39.85849	126.7480	117.9636	826.8500	19.86682

#1	.2713755	-.000490	.0018813	.0008761	-.000185	.002036	.0040953
#2	.2076824	-.001481	.0038794	-.000031	.000804	-.001834	.0028338
#3	.2812713	-.001207	.0022469	.000254	.000961	-.000937	.0031031

Sample Name: PB140367BL Acquired: 01/09/2022 20:54:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS367 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007338	.0008069	-.000161
Stddev	.0013034	.0013348	.000098
%RSD	177.6204	165.4170	60.52838

#1	.0018857	.0022496	-.000267
#2	-.000681	-.000384	-.000075
#3	.000997	.000556	-.000142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1274.363	39001.96	6131.883	1086.976	2043.276
Stddev	1.695	322.18	65.576	2.590	4.064
%RSD	.1330448	.8260637	1.069422	.2382521	.1989067

#1	1275.921	38706.69	6062.925	1085.181	2039.799
#2	1272.557	38953.62	6193.450	1089.945	2042.286
#3	1274.611	39345.58	6139.275	1085.803	2047.744

Sample Name: PB140367BS Acquired: 01/09/2022 21:02:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239398	.0535750	.0200413	.0700944	.1188207	.3987718
Stddev	.0099753	.0041276	.0017728	.0021809	.0040512	.0033388
%RSD	41.66831	7.704329	8.845520	3.111416	3.409470	.8372802

#1	.0311463	.0567226	.0201831	.0687790	.1206446	.3975996
#2	.0125547	.0489018	.0217389	.0726118	.1141782	.3961772
#3	.0281183	.0551007	.0182019	.0688923	.1216393	.4025387

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4095163	.0109202	.0107606	10.41010	.0216404	.0990251
Stddev	.0019901	.0000530	.0001110	.04127	.0002893	.0002221
%RSD	.4859605	.4855242	1.031571	.3964346	1.336813	.2243136

#1	.4080576	.0108612	.0108274	10.43101	.0218250	.0989356
#2	.4117834	.0109637	.0106324	10.43674	.0213070	.0992780
#3	.4087078	.0109358	.0108219	10.36256	.0217892	.0988617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560822	.2166722	.0320976	10.12359	.0810781	.0207086
Stddev	.0030704	.0119379	.0009521	.04554	.0008691	.0004405
%RSD	5.474803	5.509654	2.966127	.4498389	1.071871	2.127013

#1	.0594967	.2235845	.0327556	10.10784	.0800781	.0202023
#2	.0535485	.2235445	.0325312	10.08802	.0815055	.0209193
#3	.0552014	.2028875	.0310059	10.17492	.0816507	.0210041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10814	.1064977	.1129842	10.48930	F .0016219	.0232985
Stddev	.09672	.0021663	.0218896	.08673	.0007395	.0005885
%RSD	.9568685	2.034165	19.37405	.8268225	45.59315	2.525717

#1	10.21612	.1070195	.0988050	10.58328	.0024007	.0227038
#2	10.02944	.1041181	.1381947	10.41235	.0015358	.0233114
#3	10.07887	.1083555	.1019528	10.47228	.0009292	.0238805

Sample Name: PB140367BS Acquired: 01/09/2022 21:02:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS367 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211804	F .0186015	.2081554	.0172452	.2112669	.0308775
Stddev	.0004448	.0007383	.0004267	.0003762	.0018658	.0020936
%RSD	2.099848	3.968956	.2049880	2.181687	.8831460	6.780519

#1	.0215675	.0184454	.2078765	.0175652	.2093596	.0292579
#2	.0212792	.0179538	.2086466	.0168307	.2130882	.0301330
#3	.0206946	.0194054	.2079432	.0173397	.2113529	.0332417

Elem	Sr4077
Units	ppm
Avg	.2139205
Stddev	.0002524
%RSD	.1179824

#1	.2137464
#2	.2142100
#3	.2138052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.539	38872.89	6077.686	1088.329	2004.113
Stddev	2.392	311.23	44.490	8.987	1.227
%RSD	.1880850	.8006294	.7320219	.8258038	.0612082

#1	1270.211	38604.42	6029.249	1079.729	2004.424
#2	1274.300	39214.02	6116.728	1087.600	2005.155
#3	1270.106	38800.22	6087.081	1097.659	2002.761

Sample Name: PB140400BL Acquired: 01/09/2022 21:06:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS400 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024620	.0004467	-.000243	.0058875	-.001794	.0010956	-.000020
Stddev	.0027625	.0042931	.002073	.0021225	.000411	.0082859	.000318
%RSD	112.2043	961.1570	854.6020	36.05020	22.90121	756.2925	1628.899

#1	.0026833	-.000830	.001944	.0070665	-.001739	.0003738	.000120
#2	.0051073	.005233	-.000492	.0071586	-.001414	.0097187	-.000384
#3	-.000404	-.003064	-.002180	.0034373	-.002230	-.006806	.000205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000795	.0033326	-.000169	-.000390	.0003506	.0073833
Stddev	.000055	.0001515	.0219064	.000229	.000183	.0014639	.0078855
%RSD	118.0282	190.7042	657.3332	135.3383	46.92544	417.5737	106.8018

#1	.000016	.0001902	-.016175	-.000388	-.000515	-.000103	.0149825
#2	-.000085	.0001414	-.000860	-.000190	-.000476	.001987	.0079277
#3	-.000071	-.000093	.027032	.000069	-.000180	-.000833	-.000760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	.0351116	-.000422	.0005259	.2115863	-.002808	.0078521
Stddev	.000482	.0033527	.000445	.0003836	.0290468	.002461	.0230334
%RSD	227.1566	9.548850	105.6184	72.94257	13.72812	87.63063	293.3404

#1	.000134	.0331731	-.000032	.0004081	.1886261	-.000004	-.016161
#2	-.000763	.0331786	-.000326	.0002150	.2442404	-.004607	.029762
#3	-.000008	.0389830	-.000907	.0009546	.2018923	-.003815	.009955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1128663	-.001151	-.000324	.0000368	.0002979	.0017633	.0025078
Stddev	.0192185	.000205	.000392	.0003286	.0004886	.0003453	.0011424
%RSD	17.02769	17.84422	121.1092	893.5316	164.0317	19.58080	45.55553

#1	.1032853	-.001320	-.000442	.0001857	-.000183	.0016894	.0018879
#2	.1349919	-.000922	.000114	-.000340	.000282	.0021396	.0038261
#3	.1003218	-.001211	-.000644	.000265	.000794	.0014610	.0018093

Sample Name: PB140400BL Acquired: 01/09/2022 21:06:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS400 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000262	.0011695	-.000077
Stddev	.001889	.0006858	.000043
%RSD	721.3954	58.63914	55.85557

#1	.001440	.0016918	-.000103
#2	.000070	.0003929	-.000102
#3	-.002295	.0014238	-.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.890	39111.71	6024.008	1088.040	2043.956
Stddev	.940	186.06	26.851	4.988	2.033
%RSD	.0736450	.4757227	.4457258	.4583959	.0994491

#1	1275.361	38897.84	5993.050	1082.285	2042.991
#2	1276.975	39200.85	6038.025	1091.093	2046.291
#3	1275.335	39236.43	6040.950	1090.744	2042.585

Sample Name: PB140400BS Acquired: 01/09/2022 21:10:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS400 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168202	.0531971	.0220806	.0743143	.1224653	.3970926
Stddev	.0071870	.0025814	.0021750	.0095857	.0020751	.0114419
%RSD	42.72814	4.852525	9.850104	12.89891	1.694459	2.881420

#1	.0250325	.0545462	.0212103	.0643874	.1241715	.4094045
#2	.0116792	.0548245	.0204756	.0750375	.1201552	.3867857
#3	.0137488	.0502207	.0245560	.0835179	.1230691	.3950877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4218157	.0111240	.0110081	10.72393	.0227618	.1029869
Stddev	.0025493	.0000883	.0000663	.00902	.0005300	.0003215
%RSD	.6043529	.7937202	.6023096	.0841205	2.328529	.3121322

#1	.4189718	.0111930	.0110182	10.72379	.0232907	.1031919
#2	.4225798	.0111545	.0109374	10.73302	.0227639	.1031525
#3	.4238956	.0110245	.0110688	10.71498	.0222307	.1026164

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574015	.2129251	.0332233	10.40727	.0837577	.0213314
Stddev	.0037002	.0038746	.0002988	.04787	.0004277	.0005582
%RSD	6.446092	1.819705	.8994905	.4600131	.5106177	2.616645

#1	.0571540	.2157441	.0335632	10.36686	.0841703	.0214124
#2	.0612192	.2145243	.0331049	10.46014	.0837866	.0218448
#3	.0538313	.2085068	.0330018	10.39481	.0833164	.0207372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33933	.1092334	.1232900	10.64775	F .0075995	.0230807
Stddev	.27148	.0006129	.0093586	.15379	.0005203	.0018730
%RSD	2.625695	.5610731	7.590763	1.444298	6.846671	8.114934

#1	10.49172	.1097050	.1327572	10.72871	.0078455	.0232461
#2	10.50038	.1085406	.1140438	10.74413	.0079512	.0248655
#3	10.02589	.1094545	.1230689	10.47039	.0070018	.0211305

Sample Name: PB140400BS Acquired: 01/09/2022 21:10:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS400 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215598	F .0195436	.2157578	.0161426	.2195476	.0316179
Stddev	.0006090	.0006125	.0047921	.0016543	.0014559	.0019460
%RSD	2.824551	3.133955	2.221051	10.24780	.6631222	6.154672
#1	.0216015	.0196582	.2167843	.0143976	.2181762	.0338636
#2	.0209311	.0200907	.2199536	.0163422	.2193913	.0304288
#3	.0221468	.0188819	.2105357	.0176880	.2210753	.0305612

Elem	Sr4077
Units	ppm
Avg	.2199586
Stddev	.0008476
%RSD	.3853267
#1	.2207748
#2	.2200181
#3	.2190828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.287	39037.86	6109.224	1094.816	2001.137
Stddev	1.861	215.83	77.726	4.608	3.936
%RSD	.1467060	.5528839	1.272279	.4208959	.1966998
#1	1267.592	38979.93	6063.410	1100.135	2003.110
#2	1270.395	38856.90	6065.293	1092.281	2003.697
#3	1266.874	39276.74	6198.968	1092.032	1996.605

Sample Name: PB140401BL Acquired: 01/09/2022 21:15:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS401 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009125	-.000590	-.000536	-.004174	-.000865	.0045864	.0002480
Stddev	.014935	.006543	.001377	.001743	.001043	.0131414	.0007294
%RSD	163.6673	1108.962	256.8988	41.75583	120.5987	286.5314	294.1197

#1	.006318	-.004711	-.002031	-.003716	-.001871	.0103041	.0006040
#2	-.023495	-.004014	.000681	-.006100	.000212	.0139003	-.000591
#3	-.010199	.006955	-.000258	-.002706	-.000936	-.010445	.000731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000107	.0000347	.0128614	-.000082	-.000309	.0012296	-.002324
Stddev	.000055	.0000812	.0199762	.000641	.000248	.0014758	.008094
%RSD	50.96958	234.1273	155.3186	783.0381	80.17963	120.0289	348.3284

#1	-.000129	.0000291	.0339085	.000253	-.000035	.0001823	-.003006
#2	-.000148	-.000044	.0105118	.000322	-.000376	.0029175	.006090
#3	-.000045	.000119	-.005836	-.000821	-.000517	.0005889	-.010054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004369	.0135955	-.000413	.0000973	.2423517	.0016198	.0280109
Stddev	.0009997	.0252268	.000636	.0005696	.0795094	.0011938	.0193705
%RSD	228.8479	185.5519	153.9066	585.4107	32.80747	73.70463	69.15353

#1	.0015009	.0220028	.000222	-.000510	.2665231	.0028900	.0482946
#2	-.000483	-.014761	-.000412	.000183	.1535616	.0014486	.0097054
#3	.000292	.033545	-.001051	.000619	.3069704	.0005208	.0260328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955551	-.001508	-.001881	.0001558	.0002628	-.000488	-.000027
Stddev	.1998286	.000682	.000118	.0003712	.0001803	.001305	.002652
%RSD	209.1240	45.25146	6.253279	238.2315	68.62283	267.4682	9806.628

#1	-.126362	-.000883	-.001941	.0001985	.0000844	.001006	.003015
#2	.151777	-.001405	-.001957	-.000235	.0004449	-.001407	-.001243
#3	.261250	-.002236	-.001746	.000504	.0002590	-.001063	-.001853

Sample Name: PB140401BL Acquired: 01/09/2022 21:15:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS401 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017452	-.000265	-.000171
Stddev	.0010557	.001150	.000070
%RSD	60.48904	433.9019	40.60515

#1	.0026055	-.000788	-.000101
#2	.0005671	.001053	-.000174
#3	.0020631	-.001060	-.000240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.888	39089.53	6069.658	1093.030	2047.506
Stddev	2.372	136.99	33.012	5.396	2.188
%RSD	.1856387	.3504539	.5438901	.4936422	.1068589

#1	1280.602	38980.39	6076.100	1096.273	2050.005
#2	1276.206	39243.26	6033.900	1086.801	2045.935
#3	1276.857	39044.95	6098.975	1096.016	2046.578

Sample Name: PB140401BS Acquired: 01/09/2022 21:19:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS401 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178325	.0505135	.0196331	.0750501	.1212744	.4172015
Stddev	.0080880	.0020551	.0010662	.0086753	.0020936	.0013591
%RSD	45.35560	4.068423	5.430867	11.55930	1.726329	.3257736

#1	.0233609	.0527586	.0196398	.0781732	.1212516	.4156603
#2	.0085495	.0500567	.0185636	.0817315	.1191922	.4182285
#3	.0215870	.0487252	.0206960	.0652457	.1233792	.4177159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4151988	.0109886	.0109731	10.60033	.0223833	.1011802
Stddev	.0020562	.0001338	.0000833	.02411	.0008861	.0008936
%RSD	.4952220	1.217371	.7595021	.2274273	3.958579	.8832267

#1	.4175448	.0110500	.0110638	10.62571	.0219242	.1012949
#2	.4143422	.0110806	.0109557	10.57773	.0234047	.1002348
#3	.4137094	.0108351	.0108999	10.59755	.0218210	.1020110

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572515	.2188751	.0326431	10.23343	.0823141	.0212492
Stddev	.0012860	.0068727	.0010715	.03702	.0002439	.0004673
%RSD	2.246178	3.140008	3.282346	.3617334	.2963506	2.198968

#1	.0557823	.2267981	.0334245	10.24825	.0820326	.0207114
#2	.0581727	.2153051	.0330830	10.26074	.0824615	.0215551
#3	.0577995	.2145221	.0314217	10.19130	.0824484	.0214812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47615	.1122701	.1196656	10.46508	F .0016023	.0206434
Stddev	.53968	.0047709	.0207468	.15330	.0005204	.0005282
%RSD	5.151536	4.249517	17.33728	1.464874	32.47634	2.558945

#1	10.43155	.1173120	.1421859	10.57825	.0022020	.0200336
#2	9.96015	.1078266	.1013304	10.29062	.0013336	.0209612
#3	11.03675	.1116715	.1154806	10.52638	.0012712	.0209354

Sample Name: PB140401BS Acquired: 01/09/2022 21:19:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS401 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215018	F .0190922	.2124696	.0148239	.2144108	.0318317
Stddev	.0006261	.0005422	.0011183	.0020733	.0016483	.0011843
%RSD	2.911803	2.839664	.5263295	13.98602	.7687587	3.720634

#1	.0208909	.0184913	.2130467	.0124593	.2145218	.0319280
#2	.0214724	.0192406	.2131815	.0163303	.2127098	.0306022
#3	.0221421	.0195446	.2111807	.0156820	.2160008	.0329650

Elem	Sr4077
Units	ppm
Avg	.2173047
Stddev	.0003800
%RSD	.1748802

#1	.2177318
#2	.2171784
#3	.2170039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.621	39159.33	6094.457	1089.905	1999.068
Stddev	2.488	142.25	47.733	8.448	2.801
%RSD	.1964281	.3632634	.7832204	.7751230	.1401136

#1	1266.256	39318.29	6040.044	1096.821	1997.981
#2	1264.336	39044.02	6129.271	1092.405	1996.973
#3	1269.272	39115.67	6114.056	1080.489	2002.249

Sample Name: PB140468BL Acquired: 01/09/2022 21:23:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS468 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044104	-.001583	-.000508	-.000583	-.000065	-.001725	-.000042
Stddev	.0092074	.004916	.001622	.006219	.001168	.013711	.000037
%RSD	208.7673	310.5126	319.2946	1066.763	1797.491	795.0439	86.58701

#1	.0144528	.003200	-.002127	-.007328	.001103	-.017131	-.000034
#2	.0024122	-.001327	.001116	.004925	-.000065	.002822	-.000082
#3	-.003634	-.006622	-.000512	.000654	-.001233	.009136	-.000011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0000014	.0160256	-.000362	-.000352	.0021234	.0076244
Stddev	.000035	.0001020	.0075392	.000701	.000439	.0026489	.0120689
%RSD	95.10564	7515.418	47.04508	193.5956	124.6087	124.7491	158.2929

#1	-.000031	-.000101	.0155723	-.000998	-.000176	.0017422	-.004886
#2	-.000005	.000103	.0237812	-.000477	-.000029	-.000314	.008561
#3	-.000074	.000003	.0087232	.000389	-.000851	.004942	.019198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000031	.0114866	-.000263	.0002826	.2228294	-.003837	.0288086
Stddev	.0008416	.0032079	.000681	.0003294	.1996192	.002543	.0287274
%RSD	27198.38	27.92766	259.0310	116.5293	89.58387	66.27613	99.71823

#1	.0007830	.0138127	.000517	-.000095	.3677047	-.006718	.0614069
#2	.0001151	.0078270	-.000564	.000509	.3056536	-.001908	.0071916
#3	-.000889	.0128200	-.000742	.000435	-.004870	-.002884	.0178273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1344912	-.001306	-.001585	.0003384	.0000650	.0001468	.0015890
Stddev	.0247125	.000486	.000296	.0008616	.0004521	.0010448	.0014914
%RSD	18.37479	37.23863	18.65246	254.6355	695.9157	711.5166	93.85355

#1	.1216461	-.001802	-.001911	.0000571	.0001661	.0010671	.0017103
#2	.1629809	-.001285	-.001510	.0013055	-.000429	.0003622	.0030160
#3	.1188466	-.000831	-.001334	-.000347	.000458	-.000989	.0000407

Sample Name: PB140468BL Acquired: 01/09/2022 21:23:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS468 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008743	-.002984	-.000166
Stddev	.0006341	.001211	.000206
%RSD	72.52733	40.57782	123.5995

#1	.0015200	-.004361	-.000331
#2	.0008503	-.002086	.000064
#3	.0002525	-.002505	-.000232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.045	39082.12	6025.767	1085.521	2052.216
Stddev	1.694	212.93	25.893	5.685	5.515
%RSD	.1326577	.5448143	.4297075	.5236953	.2687522

#1	1278.406	38981.65	5998.775	1082.060	2049.640
#2	1277.581	39326.69	6050.400	1092.082	2058.548
#3	1275.148	38938.02	6028.125	1082.420	2048.459

Sample Name: PB140468BS Acquired: 01/09/2022 21:31:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS468 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203778	.0509075	.0190522	.0759013	.1202526	.4102505
Stddev	.0045078	.0044605	.0024806	.0041010	.0030270	.0116009
%RSD	22.12120	8.761877	13.01994	5.403031	2.517161	2.827750

#1	.0255179	.0560150	.0192034	.0713053	.1234537	.4235630
#2	.0185180	.0477788	.0164995	.0772117	.1174366	.4048838
#3	.0170974	.0489288	.0214537	.0791870	.1198676	.4023047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4178199	.0109316	.0107961	10.64545	.0220824	.1004801
Stddev	.0008546	.0000746	.0001677	.03595	.0005846	.0005368
%RSD	.2045491	.6823875	1.553174	.3376899	2.647505	.5342641

#1	.4186758	.0110143	.0109809	10.67899	.0217803	.1006632
#2	.4178175	.0108693	.0107536	10.60750	.0217105	.1009015
#3	.4169665	.0109113	.0106537	10.64986	.0227562	.0998757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569639	.2177821	.0329280	10.34677	.0817551	.0210767
Stddev	.0035232	.0151422	.0006744	.02563	.0004614	.0003992
%RSD	6.184992	6.952928	2.048045	.2476792	.5643288	1.893947

#1	.0604604	.2221085	.0326857	10.36941	.0821864	.0212164
#2	.0534146	.2302902	.0324083	10.31895	.0812686	.0206264
#3	.0570167	.2009475	.0336901	10.35196	.0818103	.0213872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28396	.1098111	.1069471	10.36108	F .0010423	.0216577
Stddev	.04519	.0063791	.0184137	.17121	.0003699	.0014425
%RSD	.4393964	5.809138	17.21755	1.652475	35.49038	6.660505

#1	10.28201	.1171702	.1061435	10.54665	.0012518	.0211951
#2	10.33008	.1064059	.0889484	10.32734	.0012599	.0232747
#3	10.23977	.1058571	.1257494	10.20924	.0006152	.0205032

Sample Name: PB140468BS Acquired: 01/09/2022 21:31:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS468 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212924	F .0188216	.2107676	.0162535	.2162182	.0320623
Stddev	.0005071	.0007821	.0008862	.0011901	.0025953	.0006366
%RSD	2.381724	4.155178	.4204823	7.322192	1.200301	1.985357

#1	.0207135	.0191445	.2114408	.0151841	.2132604	.0314817
#2	.0216580	.0179298	.2110984	.0175357	.2172797	.0327429
#3	.0215058	.0193906	.2097635	.0160407	.2181144	.0319623

Elem	Sr4077
Units	ppm
Avg	.2163211
Stddev	.0003979
%RSD	.1839365

#1	.2159290
#2	.2167245
#3	.2163097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.076	39203.12	6146.470	1091.805	2002.096
Stddev	1.695	117.59	29.336	1.864	.756
%RSD	.1336528	.2999526	.4772803	.1706919	.0377450

#1	1269.196	39117.52	6112.866	1090.019	2002.889
#2	1268.906	39337.20	6166.974	1093.738	2002.016
#3	1266.126	39154.63	6159.568	1091.658	2001.384

Sample Name: PB140470BL Acquired: 01/09/2022 21:35:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS470 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018703	-.001008	.0025333	.0018447	-.001411	.0059500	-.000656
Stddev	.0058271	.001848	.0005524	.0026445	.001507	.0011327	.000510
%RSD	311.5622	183.3134	21.80667	143.3562	106.8193	19.03604	77.72145

#1	.0072663	.000671	.0021832	.0045445	-.001184	.0060168	-.001056
#2	.0026533	-.002987	.0022466	-.000741	-.003019	.0047855	-.000829
#3	-.004309	-.000707	.0031702	.001730	-.000030	.0070478	-.000082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000349	.0107419	-.000389	-.000043	.0005766	-.007508
Stddev	.000036	.0000475	.0191947	.000490	.000183	.0010479	.011145
%RSD	259.5284	136.1465	178.6905	126.1469	430.5363	181.7519	148.4288

#1	-.000025	-.000017	.0315206	-.000612	-.000138	.0012528	-.016736
#2	-.000042	.000075	.0070321	-.000727	-.000158	-.000631	-.010662
#3	.000026	.000047	-.006327	.000174	.000169	.001107	.004873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000278	.0204902	-.000159	-.000177	.2199523	-.005315	.0195260
Stddev	.000692	.0021358	.000299	.000239	.0788210	.002683	.0040551
%RSD	248.8369	10.42371	188.0440	135.3526	35.83549	50.47329	20.76786

#1	.000473	.0193139	.000186	.000079	.1755095	-.005043	.0158430
#2	-.000417	.0192011	-.000340	-.000215	.1733888	-.002779	.0238717
#3	-.000890	.0229556	-.000323	-.000394	.3109587	-.008124	.0188635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797006	-.001167	-.002204	.0000140	.0003581	.0004539	.0007138
Stddev	.1746343	.000482	.000838	.0007482	.0002844	.0001983	.0018491
%RSD	219.1130	41.25382	38.03379	5363.676	79.42496	43.69501	259.0455

#1	.1857712	-.000669	-.003066	.0008348	.0004489	.0002570	.0010367
#2	-.121857	-.001204	-.002155	-.000163	.0000394	.0004509	.0023802
#3	.175188	-.001630	-.001391	-.000630	.0005861	.0006536	-.001275

Sample Name: PB140470BL Acquired: 01/09/2022 21:35:53 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS470 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024691	-.000540	-.000051
Stddev	.0002147	.001499	.000018
%RSD	8.694136	277.8004	34.22108

#1	.0022342	-.000500	-.000064
#2	.0026551	.000940	-.000058
#3	.0025179	-.002059	-.000031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.916	38885.05	6040.892	1083.127	2046.961
Stddev	1.824	33.57	60.391	6.539	4.966
%RSD	.1432077	.0863403	.9997099	.6036877	.2426197

#1	1275.846	38848.14	6007.675	1090.542	2052.478
#2	1273.680	38913.77	6110.600	1078.187	2045.554
#3	1272.220	38893.25	6004.400	1080.652	2042.849

Sample Name: PB140470BS Acquired: 01/09/2022 21:44:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS470 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153450	.0527845	.0206130	.0751950	.1211845	.4075713
Stddev	.0022703	.0045670	.0018164	.0019398	.0016519	.0064191
%RSD	14.79494	8.652126	8.811951	2.579622	1.363150	1.574955

#1	.0150533	.0580530	.0187770	.0738011	.1203948	.4020391
#2	.0132347	.0503485	.0224092	.0743736	.1200755	.4146095
#3	.0177471	.0499520	.0206528	.0774103	.1230830	.4060653

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4197814	.0110411	.0109086	10.69625	.0226238	.1016628
Stddev	.0031959	.0002425	.0000208	.07062	.0008489	.0007484
%RSD	.7613278	2.196719	.1901874	.6602392	3.752152	.7361358

#1	.4188003	.0111449	.0108909	10.70041	.0233179	.1024278
#2	.4233528	.0112145	.0109034	10.76470	.0228762	.1016283
#3	.4171910	.0107639	.0109314	10.62364	.0216774	.1009322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0569952	.2231571	.0327437	10.39462	.0830518	.0214355
Stddev	.0018557	.0072048	.0002861	.10065	.0007423	.0001945
%RSD	3.255908	3.228577	.8737138	.9682677	.8938280	.9071248

#1	.0564583	.2228947	.0324621	10.44522	.0823270	.0212443
#2	.0554670	.2160871	.0330341	10.45993	.0830179	.0216330
#3	.0590601	.2304895	.0327349	10.27871	.0838105	.0214293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48592	.1092522	.1212289	10.66364	F .0013475	.0206402
Stddev	.11515	.0007917	.0255323	.15530	.0004919	.0014284
%RSD	1.098177	.7246277	21.06123	1.456322	36.50093	6.920265

#1	10.61550	.1088968	.0917559	10.78042	.0011823	.0218230
#2	10.44694	.1087005	.1353285	10.72309	.0009596	.0210443
#3	10.39531	.1101593	.1366023	10.48739	.0019007	.0190533

Sample Name: PB140470BS Acquired: 01/09/2022 21:44:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS470 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214020	F .0194814	.2121522	.0155017	.2187297	.0319542
Stddev	.0003406	.0003007	.0029650	.0029887	.0039794	.0028292
%RSD	1.591231	1.543302	1.397596	19.27980	1.819308	8.853784
#1	.0212986	.0194056	.2141805	.0184937	.2169462	.0336877
#2	.0217822	.0192258	.2135268	.0154950	.2159540	.0334856
#3	.0211250	.0198127	.2087494	.0125164	.2232888	.0286895

Elem	Sr4077
Units	ppm
Avg	.2187626
Stddev	.0002379
%RSD	.1087353
#1	.2185238
#2	.2189996
#3	.2187645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.001	38958.18	6058.458	1082.258	1998.907
Stddev	2.679	272.12	56.531	3.666	5.776
%RSD	.2116032	.6984843	.9330877	.3387511	.2889627
#1	1268.733	39269.15	6046.635	1081.611	2002.126
#2	1265.893	38763.67	6008.774	1086.205	2002.357
#3	1263.378	38841.73	6119.965	1078.959	1992.239

Sample Name: PB139452BL Acquired: 01/09/2022 21:53:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064206	-.002479	-.000781	.0011553	-.001560	-.002255	.0002703
Stddev	.0076310	.007550	.000322	.0040064	.001968	.007308	.0002994
%RSD	118.8515	304.5714	41.17716	346.7720	126.1757	324.0314	110.7888

#1	-.002361	-.011058	-.000515	.0010907	-.000276	.006007	.0001749
#2	.011443	.000468	-.000691	.0051936	-.003825	-.004900	.0000301
#3	.010180	.003153	-.001139	-.002818	-.000577	-.007873	.0006058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000019	.0094556	.0002424	-.000283	-.000781	-.005532
Stddev	.000065	.000080	.0025108	.0005557	.000305	.005853	.013619
%RSD	722.1400	411.0972	26.55395	229.2300	107.8160	749.2731	246.1718

#1	.000020	.000048	.0072055	.0007192	.000005	.005780	-.001732
#2	-.000083	-.000108	.0121640	-.000368	-.000251	-.002655	-.020647
#3	.000036	.000001	.0089973	.000376	-.000602	-.005468	.005783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004061	.0133190	.0002467	-.000184	-.040667	-.002564	.0197106
Stddev	.0000558	.0173072	.0005676	.000288	.622312	.002508	.0048542
%RSD	13.73329	129.9430	230.0706	156.7457	1530.280	97.79083	24.62739

#1	.0004447	.0108610	.0000426	.000133	.305148	-.001976	.0245573
#2	.0003422	-.002628	-.000191	-.000255	.331937	-.005314	.0148490
#3	.0004314	.031724	.000888	-.000430	-.759085	-.000403	.0197254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864587	-.001381	-.001715	.0002425	.0007879	.0016433	.0015966
Stddev	.0556127	.000279	.000601	.0003709	.0004855	.0006244	.0008457
%RSD	64.32285	20.17244	35.03878	152.9316	61.61920	37.99475	52.97049

#1	.0243456	-.001428	-.001254	-.000028	.0007756	.0009332	.0012082
#2	.1316305	-.001633	-.002394	.000665	.0003087	.0018903	.0025667
#3	.1034001	-.001082	-.001497	.000091	.0012795	.0021065	.0010148

Sample Name: PB139452BL Acquired: 01/09/2022 21:53:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS452 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002134	-.000925	-.000054
Stddev	.0019757	.000834	.000070
%RSD	925.6883	90.14168	130.4845

#1	.0024825	-.001103	.000011
#2	-.000716	-.001657	-.000044
#3	-.001126	-.000017	-.000129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.434	39019.82	6058.092	1094.688	2043.060
Stddev	3.279	332.94	28.352	8.492	3.071
%RSD	.2570964	.8532666	.4680012	.7757610	.1503314

#1	1275.904	38638.63	6086.250	1085.156	2046.264
#2	1271.945	39253.69	6058.475	1101.447	2040.141
#3	1278.452	39167.13	6029.550	1097.460	2042.774

Sample Name: PB139452BS Acquired: 01/09/2022 22:01:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162987	.0456947	.0173276	.0627769	.1051046	.3639534
Stddev	.0062509	.0009839	.0033599	.0074026	.0021969	.0034254
%RSD	38.35193	2.153128	19.39027	11.79197	2.090193	.9411579

#1	.0202928	.0453109	.0178835	.0576778	.1030339	.3654150
#2	.0195082	.0449607	.0137244	.0712677	.1074090	.3600397
#3	.0090950	.0468127	.0203748	.0593852	.1048709	.3664056

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3694921	.0095753	.0096229	9.353811	.0203915	.0890100
Stddev	.0009574	.0001810	.0000783	.015227	.0004536	.0004608
%RSD	.2591231	1.890330	.8135419	.1627844	2.224251	.5176396

#1	.3689765	.0097807	.0096952	9.363923	.0198686	.0885215
#2	.3689030	.0095062	.0096338	9.336299	.0206779	.0890715
#3	.3705968	.0094390	.0095398	9.361212	.0206281	.0894368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472549	.1815121	.0294491	9.109446	.0726602	.0178578
Stddev	.0033080	.0077298	.0006829	.102773	.0001787	.0002839
%RSD	7.000369	4.258551	2.318761	1.128199	.2458940	1.589653

#1	.0510663	.1899284	.0291484	9.218013	.0728035	.0176487
#2	.0451309	.1798776	.0302307	9.096661	.0727171	.0177437
#3	.0455674	.1747302	.0289681	9.013663	.0724600	.0181810

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.211476	.0933488	.1124381	9.074260	F .0009382	.0166180
Stddev	.154046	.0022872	.0061879	.235940	.0001394	.0008749
%RSD	1.672322	2.450147	5.503383	2.600102	14.85941	5.265097

#1	9.375332	.0909468	.1057756	9.345867	.0010802	.0176193
#2	9.189491	.0955006	.1180050	8.920018	.0009326	.0162338
#3	9.069603	.0935991	.1135337	8.956896	.0008016	.0160009

Sample Name: PB139452BS Acquired: 01/09/2022 22:01:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS452 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189650	F .0163732	.1872528	.0123865	.1920566	.0259779
Stddev	.0007049	.0003620	.0060684	.0017420	.0012700	.0008969
%RSD	3.716940	2.210902	3.240732	14.06360	.6612511	3.452706
#1	.0189311	.0167376	.1939668	.0141078	.1933392	.0269745
#2	.0196863	.0160137	.1856328	.0106246	.1920310	.0257236
#3	.0182777	.0163685	.1821589	.0124272	.1907996	.0252356

Elem	Sr4077
Units	ppm
Avg	.1923113
Stddev	.0003371
%RSD	.1752931
#1	.1922121
#2	.1926869
#3	.1920350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.551	39239.74	6125.719	1097.340	2008.965
Stddev	1.513	182.20	93.468	7.010	1.062
%RSD	.1192576	.4643363	1.525835	.6388377	.0528492
#1	1270.291	39444.95	6025.715	1099.735	2009.965
#2	1267.819	39096.96	6140.569	1102.839	2007.851
#3	1267.544	39177.29	6210.874	1089.446	2009.080

Sample Name: PB139523BL Acquired: 01/09/2022 22:05:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001566	-.002211	-.000866	.0048412	-.001668	.0087207	-.000079
Stddev	.007702	.001602	.001223	.0047838	.001029	.0084936	.000478
%RSD	491.9117	72.44059	141.1529	98.81394	61.67233	97.39578	605.2770

#1	.006941	-.003927	-.002266	.0043627	-.000488	.0159687	.000429
#2	-.008064	-.001951	-.000006	.0098462	-.002376	-.000625	-.000519
#3	-.003575	-.000755	-.000327	.0003146	-.002139	.010819	-.000148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000031	-.007519	-.000225	-.000296	.0009716	-.002769
Stddev	.000069	.000048	.008892	.000373	.000083	.0035962	.017469
%RSD	91.65415	155.0739	118.2514	165.9946	27.91656	370.1133	630.8188

#1	-.000149	-.000077	-.009841	.000201	-.000282	-.002959	-.016359
#2	-.000060	-.000034	.002303	-.000382	-.000221	.004097	.016935
#3	-.000015	.000018	-.015019	-.000494	-.000384	.001776	-.008884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	.0283551	.0001889	-.000250	.1595944	-.003076	.0138548
Stddev	.0002810	.0052689	.0004801	.000648	.0989558	.005419	.0152835
%RSD	3288.143	18.58168	254.0992	259.5472	62.00458	176.1730	110.3122

#1	-.000021	.0339045	.0002665	-.000312	.2207620	.001047	.0209783
#2	.000303	.0234207	-.000325	.000427	.0454274	-.009214	-.003690
#3	-.000257	.0277402	.000626	-.000864	.2125938	-.001061	.024276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572023	-.001236	-.002667	.0001700	-.000183	.0005946	.0000372
Stddev	.0626383	.000145	.000541	.0005749	.000470	.0010659	.0041479
%RSD	39.84565	11.70392	20.29400	338.1574	256.9383	179.2716	11165.08

#1	.2109776	-.001363	-.003282	.0008333	.000281	.0017463	-.004091
#2	.0884253	-.001079	-.002458	-.000137	-.000172	-.000357	-.000003
#3	.1722041	-.001266	-.002262	-.000186	-.000658	.000395	.004205

Sample Name: PB139523BL Acquired: 01/09/2022 22:05:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS523 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000276	-.001672	-.000174
Stddev	.002655	.001068	.000070
%RSD	962.7946	63.90057	40.14221

#1	-.003315	-.000926	-.000169
#2	.001589	-.002895	-.000107
#3	.000900	-.001193	-.000247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.133	39231.24	6049.108	1095.089	2048.452
Stddev	1.355	165.75	10.971	5.648	3.763
%RSD	.1061473	.4224975	.1813683	.5157224	.1836990

#1	1277.503	39248.95	6042.075	1090.099	2052.776
#2	1276.102	39057.35	6061.750	1093.949	2046.663
#3	1274.794	39387.42	6043.500	1101.220	2045.918

Sample Name: PB139523BS Acquired: 01/09/2022 22:09:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS523 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203725	.0454762	.0173883	.0601665	.0994841	.3502424
Stddev	.0144512	.0055604	.0025329	.0057874	.0018009	.0068239
%RSD	70.93488	12.22711	14.56667	9.619032	1.810264	1.948345

#1	.0098389	.0413347	.0175930	.0555769	.1015556	.3469295
#2	.0368473	.0432980	.0147593	.0582546	.0982909	.3580904
#3	.0144313	.0517960	.0198127	.0666679	.0986056	.3457074

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3586577	.0095152	.0093843	9.087867	.0193742	.0867199
Stddev	.0010488	.0000476	.0001159	.034238	.0002397	.0003731
%RSD	.2924288	.5008088	1.235181	.3767485	1.237388	.4302229

#1	.3587074	.0095653	.0092508	9.048997	.0192456	.0862943
#2	.3596808	.0095101	.0094594	9.113555	.0196508	.0868748
#3	.3575849	.0094704	.0094426	9.101050	.0192262	.0869906

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472052	.1726370	.0278895	8.818426	.0704027	.0180246
Stddev	.0015622	.0150122	.0008119	.048713	.0001765	.0003839
%RSD	3.309294	8.695814	2.911218	.5524053	.2507552	2.130109

#1	.0490039	.1703341	.0277126	8.774510	.0702632	.0180872
#2	.0464235	.1886676	.0287754	8.870823	.0703437	.0176132
#3	.0461881	.1589093	.0271807	8.809946	.0706012	.0183734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.742816	.0941347	.0960967	9.059687	F .0015246	.0162257
Stddev	.281105	.0054774	.0259905	.090727	.0000705	.0011899
%RSD	3.215269	5.818707	27.04620	1.001434	4.627165	7.333360

#1	8.662830	.0972185	.1091633	8.991095	.0014431	.0173371
#2	8.510372	.0878106	.1129610	9.025406	.0015649	.0149704
#3	9.055246	.0973751	.0661656	9.162559	.0015657	.0163694

Sample Name: PB139523BS Acquired: 01/09/2022 22:09:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS523 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189288	F .0160808	.1797319	.0119369	.1850854	.0248036
Stddev	.0007462	.0002582	.0015867	.0022915	.0003279	.0007182
%RSD	3.942244	1.605446	.8828207	19.19635	.1771544	2.895465
#1	.0196869	.0157949	.1815616	.0123911	.1854000	.0245229
#2	.0189044	.0162969	.1788990	.0139673	.1847457	.0256198
#3	.0181950	.0161506	.1787350	.0094524	.1851106	.0242682

Elem	Sr4077
Units	ppm
Avg	.1859871
Stddev	.0001796
%RSD	.0965636
#1	.1858161
#2	.1859709
#3	.1861742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.232	39120.89	6100.974	1092.656	2006.345
Stddev	2.526	122.16	29.840	1.631	2.010
%RSD	.1992008	.3122620	.4891024	.1492414	.1001807
#1	1268.500	39117.82	6073.237	1090.941	2004.024
#2	1265.582	39000.30	6132.546	1094.187	2007.505
#3	1270.613	39244.56	6097.139	1092.839	2007.505

Sample Name: PB139499BL Acquired: 01/09/2022 22:13:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS499 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006642	-.003446	.0000275	-.000490	.0000170	-.007369	-.000781
Stddev	.015677	.002564	.0024023	.004886	.0032717	.013426	.000181
%RSD	236.0468	74.39194	8740.144	996.4598	19218.52	182.2018	23.19881

#1	-.023080	-.003865	.0027477	.004865	.0032633	-.012595	-.000601
#2	-.004988	-.005774	-.000862	-.004706	-.003279	.007884	-.000777
#3	.008143	-.000699	-.001803	-.001630	.000067	-.017395	-.000963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	-.000080	-.006232	-.000056	-.000199	.0016022	-.007670
Stddev	.000008	.000073	.004321	.000422	.000517	.0007005	.019995
%RSD	19.30783	91.50833	69.34436	750.4799	259.5289	43.72444	260.6960

#1	-.000051	-.000142	-.008063	-.000264	-.000713	.0019815	-.028019
#2	-.000039	.000000	-.009335	.000429	-.000205	.0020313	.011952
#3	-.000036	-.000097	-.001296	-.000334	.000321	.0007938	-.006943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000465	.0192411	-.000138	.0002628	-.096947	-.003850	.0091637
Stddev	.000663	.0304133	.000597	.0004267	.349767	.002600	.0154927
%RSD	142.4516	158.0640	434.2251	162.4019	360.7830	67.54162	169.0671

#1	.000262	-.009730	.000532	.0006468	.275515	-.004881	.0150182
#2	-.000623	.050916	-.000616	-.000197	-.418422	-.005776	.0208760
#3	-.001035	.016537	-.000328	.000338	-.147932	-.000892	-.008403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1870079	-.001364	-.002932	.0001876	.0001899	-.000170	.0020619
Stddev	.0394831	.000437	.001378	.0006192	.0005260	.001864	.0024826
%RSD	21.11308	32.07116	46.99843	330.1132	277.0050	1093.236	120.4053

#1	.1502819	-.001618	-.004203	.0008899	-.000400	.001875	.0018210
#2	.1819760	-.000859	-.001468	-.000047	.000359	-.001772	.0046562
#3	.2287658	-.001615	-.003126	-.000280	.000610	-.000615	-.000292

Sample Name: PB139499BL Acquired: 01/09/2022 22:13:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS499 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000322	-.001991	-.000145
Stddev	.000905	.001078	.000045
%RSD	281.4553	54.11739	30.75183

#1	-.000742	-.003067	-.000114
#2	.000717	-.001996	-.000196
#3	-.000941	-.000912	-.000126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.583	39143.24	6062.550	1097.401	2045.301
Stddev	2.471	36.22	12.388	5.820	6.440
%RSD	.1937526	.0925292	.2043298	.5303812	.3148909

#1	1277.099	39134.79	6076.800	1094.867	2052.544
#2	1276.919	39112.00	6054.350	1093.277	2043.138
#3	1272.731	39182.94	6056.500	1104.059	2040.220

Sample Name: PB139499BS Acquired: 01/09/2022 22:17:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS499 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145159	.0415035	.0162747	.0586430	.0950842	.3313191
Stddev	.0109474	.0010534	.0047076	.0071899	.0045660	.0072011
%RSD	75.41651	2.538042	28.92606	12.26042	4.802063	2.173469

#1	.0051807	.0425762	.0146567	.0662756	.0998343	.3248409
#2	.0265649	.0404706	.0215780	.0519979	.0946905	.3390727
#3	.0118020	.0414636	.0125895	.0576556	.0907278	.3300437

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3335815	.0088038	.0086230	8.428821	.0175724	.0798634
Stddev	.0011036	.0000776	.0001110	.011375	.0002705	.0006315
%RSD	.3308388	.8817594	1.287223	.1349512	1.539476	.7906918

#1	.3345183	.0087712	.0087290	8.430262	.0174391	.0791673
#2	.3323649	.0088924	.0085076	8.416794	.0173945	.0800233
#3	.3338612	.0087478	.0086323	8.439406	.0178837	.0803995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413473	.1599846	.0259374	8.201322	.0654324	.0166398
Stddev	.0030540	.0097206	.0010847	.025831	.0004505	.0001636
%RSD	7.386265	6.075945	4.182057	.3149637	.6884130	.9833789

#1	.0407500	.1500725	.0271346	8.221282	.0649230	.0168118
#2	.0446558	.1603796	.0256575	8.172147	.0655958	.0166217
#3	.0386360	.1695017	.0250200	8.210536	.0657783	.0164860

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.259632	.0834959	F .0761127	8.278885	F .0003972	.0150334
Stddev	.136991	.0059195	.0185888	.111127	.0004207	.0013345
%RSD	1.658560	7.089605	24.42269	1.342291	105.9203	8.876723

#1	8.348311	.0782058	.0742377	8.242407	.0002040	.0160050
#2	8.101853	.0898896	.0585325	8.403666	.0001078	.0155834
#3	8.328733	.0823923	.0955679	8.190581	.0008798	.0135118

Sample Name: PB139499BS Acquired: 01/09/2022 22:17:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS499 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175143	F .0151097	.1672968	.0125950	.1725336	.0253571
Stddev	.0005871	.0005872	.0012867	.0029204	.0005471	.0010997
%RSD	3.351946	3.886359	.7691439	23.18720	.3170837	4.336661

#1	.0168367	.0145807	.1665573	.0119142	.1726386	.0244760
#2	.0178379	.0150069	.1665504	.0157956	.1730206	.0265895
#3	.0178684	.0157416	.1687826	.0100750	.1719417	.0250059

Elem	Sr4077
Units	ppm
Avg	.1723661
Stddev	.0002491
%RSD	.1444965

#1	.1726500
#2	.1722641
#3	.1721843

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.650	39346.08	6095.671	1093.796	2008.728
Stddev	1.537	386.87	56.291	14.305	1.988
%RSD	.1213654	.9832534	.9234613	1.307797	.0989914

#1	1265.716	39043.09	6094.498	1086.479	2010.547
#2	1265.809	39213.30	6039.975	1084.631	2006.605
#3	1268.424	39781.86	6152.539	1110.279	2009.033

Sample Name: PB139559BL Acquired: 01/09/2022 22:22:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS559 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007932	.0016269	-.000457	-.000382	-.001213	-.002612	-.000797
Stddev	.015446	.0059133	.001618	.000867	.002771	.010941	.000515
%RSD	194.7423	363.4592	353.8334	226.9055	228.5254	418.8293	64.56724
#1	.008339	.0060515	.001200	-.001204	-.003137	-.012226	-.000491
#2	-.009740	-.005089	-.002031	.000524	.001964	.009293	-.000509
#3	-.022394	.003919	-.000540	-.000467	-.002464	-.004903	-.001391
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000345	.0000222	.0175232	-.000242	-.000082	.0002012	-.001883
Stddev	.0001458	.0000091	.0185051	.000236	.000229	.0009778	.011384
%RSD	422.2855	40.90126	105.6035	97.62985	279.5252	486.0795	604.5517
#1	-.000109	.0000305	.0001439	-.000513	-.000333	-.000923	-.000130
#2	.000029	.0000125	.0154468	-.000119	-.000025	.000853	-.014042
#3	.000183	.0000234	.0369789	-.000092	.000113	.000673	.008523
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000196	.0263131	-.000143	.0001877	-.051592	-.001086	-.005435
Stddev	.001044	.0245146	.000309	.0002563	.307719	.002553	.028548
%RSD	533.1049	93.16537	216.2333	136.5390	596.4499	235.0080	525.2666
#1	-.000664	.0014216	.000123	.0004832	.264321	.001654	.021214
#2	.001001	.0504327	-.000483	.0000268	-.068691	-.003398	-.001956
#3	-.000925	.0270848	-.000070	.0000531	-.350405	-.001515	-.035564
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983139	-.001429	-.002772	.0000427	.0002209	.0018607	.0017993
Stddev	.0613501	.000300	.001455	.0003549	.0004794	.0015825	.0007975
%RSD	30.93588	20.97131	52.49777	831.4098	217.0181	85.04916	44.32433
#1	.1788233	-.001083	-.001152	.0000310	.0006027	.0031838	.0017628
#2	.1490767	-.001585	-.003970	-.000306	-.000317	.0022907	.0026145
#3	.2670416	-.001618	-.003195	.000403	.000377	.0001076	.0010206

Sample Name: PB139559BL Acquired: 01/09/2022 22:22:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS559 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007608	-.001302	-.000075
Stddev	.0011998	.002441	.000085
%RSD	157.7109	187.4310	113.1746

#1	-.000222	-.003157	.000023
#2	.000406	.001463	-.000122
#3	.002098	-.002213	-.000126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.892	39214.59	6069.458	1103.252	2044.751
Stddev	1.180	207.20	56.630	3.478	2.090
%RSD	.0924136	.5283666	.9330381	.3152704	.1022185

#1	1278.062	39415.19	6004.175	1107.136	2046.676
#2	1276.912	39001.37	6098.850	1100.424	2045.050
#3	1275.702	39227.22	6105.350	1102.196	2042.528

Sample Name: M4414-02 Acquired: 01/09/2022 22:30:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574155	-.009254	.9082005	.0256619	.0037634	94.63084	1.865270
Stddev	.0106158	.003007	.0032010	.0062811	.0015411	.97119	.008122
%RSD	18.48943	32.49455	.3524588	24.47625	40.94831	1.026292	.4354271

#1	.0691917	-.007569	.9109121	.0200611	.0019872	93.53650	1.855896
#2	.0485804	-.012726	.9090202	.0244718	.0045580	94.96583	1.869700
#3	.0544743	-.007467	.9046694	.0324530	.0047449	95.39020	1.870214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085319	.0276751	40.99083	.1444942	.0907288	.1284138	158.2537
Stddev	.0000894	.0003201	.29767	.0008647	.0000889	.0046861	1.6728
%RSD	1.048251	1.156443	.7261835	.5984401	.0979456	3.649220	1.057010

#1	.0084385	.0278667	40.64956	.1454721	.0907394	.1234702	156.3271
#2	.0085406	.0273057	41.12602	.1441798	.0908119	.1289803	159.0969
#3	.0086167	.0278531	41.19692	.1438306	.0906351	.1327909	159.3370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.972365	17.56839	.1382189	-.012720	1.227539	.2949511	4.697161
Stddev	.056304	.14232	.0016483	.000366	.284983	.0017859	.066535
%RSD	.9427442	.8100669	1.192551	2.875689	23.21583	.6054996	1.416484

#1	5.907651	17.40408	.1395877	-.012976	.909089	.2936160	4.631623
#2	5.999320	17.64843	.1363892	-.012301	1.458582	.2969798	4.764649
#3	6.010125	17.65267	.1386798	-.012882	1.314946	.2942575	4.695212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.757235	.3442520	.1794198	.0058362	.2303344	53.33360	-.009835
Stddev	.097053	.0000828	.0023538	.0000726	.0007428	.44992	.002539
%RSD	1.108258	.0240647	1.311909	1.244264	.3225107	.8436016	25.81309

#1	8.645292	.3443465	.1770923	.0057590	.2303322	52.81431	-.012664
#2	8.808642	.3441920	.1817991	.0058464	.2295927	53.57973	-.007757
#3	8.817771	.3442176	.1793680	.0059031	.2310784	53.60676	-.009082

Sample Name: M4414-02 Acquired: 01/09/2022 22:30:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA23 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.812729	.0834760	.0457989
Stddev	.010971	.0010517	.0003002
%RSD	.6052356	1.259845	.6553535

#1	1.801578	.0823560	.0456472
#2	1.823512	.0836294	.0461447
#3	1.813096	.0844425	.0456049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.654	44188.71	6867.715	1229.392	1954.227
Stddev	2.029	248.52	90.361	12.934	2.290
%RSD	.1423467	.5624073	1.315731	1.052092	.1171850

#1	1426.393	44175.88	6964.314	1238.466	1951.607
#2	1427.211	44443.40	6853.569	1235.129	1955.847
#3	1423.359	43946.86	6785.262	1214.582	1955.226

Sample Name: M4414-03 Acquired: 01/09/2022 22:34:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160432	-.006288	2.034454	.0315026	.0032909	135.5106	2.465624
Stddev	.0109337	.008322	.004542	.0098433	.0033344	2.5645	.016203
%RSD	9.422051	132.3449	.2232781	31.24591	101.3220	1.892457	.6571550

#1	.1198792	-.003615	2.038392	.0418539	.0045317	134.5650	2.461126
#2	.1245420	.000369	2.029484	.0303922	.0058270	138.4136	2.483600
#3	.1037085	-.015617	2.035485	.0222616	-.000486	133.5531	2.452144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145649	.1889723	133.2112	.2177390	.1147691	.3701891	235.8787
Stddev	.0000902	.0007020	.9706	.0008980	.0002921	.0069492	3.9476
%RSD	.6192939	.3714596	.7286522	.4124243	.2545479	1.877213	1.673588

#1	.0145868	.1893446	132.9355	.2167046	.1146476	.3733610	234.2475
#2	.0146421	.1881626	134.2899	.2183178	.1145574	.3749865	240.3805
#3	.0144657	.1894097	132.4082	.2181948	.1151024	.3622199	233.0081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.783988	36.83542	.3462706	-.017273	1.778205	.3785453	15.12460
Stddev	.109325	.49078	.0007550	.000446	.114569	.0023296	.12887
%RSD	1.244597	1.332369	.2180399	2.583763	6.442969	.6154165	.8520460

#1	8.753422	36.70788	.3458208	-.016772	1.906375	.3799546	15.08588
#2	8.905343	37.37738	.3458488	-.017629	1.742502	.3798249	15.26839
#3	8.693199	36.42099	.3471423	-.017418	1.685738	.3758563	15.01953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.17112	.9243837	.2621197	.0060867	.3474011	54.84071	.0030766
Stddev	.55976	.0030907	.0016828	.0000273	.0004307	.58429	.0004186
%RSD	2.524712	.3343540	.6419946	.4477019	.1239693	1.065432	13.60604

#1	22.05849	.9277817	.2623934	.0060694	.3478051	54.82968	.0034231
#2	22.77862	.9236293	.2636489	.0060725	.3474504	55.43044	.0031952
#3	21.67624	.9217399	.2603169	.0061181	.3469480	54.26202	.0026115

Sample Name: M4414-03 Acquired: 01/09/2022 22:34:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.103687	.0945460	.2758054
Stddev	.010072	.0013613	.0039355
%RSD	.9125723	1.439810	1.426916

#1	1.111023	.0935069	.2773875
#2	1.092204	.0940441	.2713251
#3	1.107835	.0960869	.2787037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.919	45269.68	7137.449	1257.166	1848.039
Stddev	2.162	44.66	56.815	6.585	1.576
%RSD	.1490946	.0986445	.7960081	.5237925	.0852977

#1	1449.844	45280.89	7110.240	1251.774	1848.905
#2	1447.795	45307.67	7099.356	1264.505	1846.220
#3	1452.117	45220.49	7202.751	1255.218	1848.994

Sample Name: CCV061 Acquired: 01/09/2022 22:38:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.092886	4.920813	24.55837	4.902846	4.868208	402.8926
Stddev	.035124	.027703	.02771	.051727	.004950	4.0145
%RSD	.6896760	.5629817	.1128152	1.055045	.1016902	.9964281

#1	5.121527	4.892769	24.53597	4.845014	4.870772	399.4661
#2	5.103435	4.921507	24.54979	4.944697	4.871351	401.9020
#3	5.053696	4.948163	24.58935	4.918827	4.862501	407.3097

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07267	.5041069	2.475951	397.2246	15.27141	2.498467
Stddev	.00692	.0032985	.007130	.7793	.07072	.003897
%RSD	.0686538	.6543338	.2879534	.1961796	.4630918	.1559785

#1	10.06495	.5003705	2.467988	396.3995	15.24890	2.495800
#2	10.07477	.5066151	2.478120	397.3263	15.35064	2.496661
#3	10.07829	.5053353	2.481743	397.9480	15.21468	2.502939

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08353	399.8775	14.87622	390.2581	2.477008	1.239776
Stddev	.26684	2.7821	.08133	2.7852	.006305	.004726
%RSD	1.769082	.6957286	.5467343	.7136737	.2545566	.3812282

#1	14.83584	397.1797	14.79696	387.5238	2.470937	1.243701
#2	15.04866	399.7160	14.87222	390.1590	2.476563	1.241097
#3	15.36609	402.7368	14.95948	393.0915	2.483524	1.234530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.9014	2.495125	14.05357	151.6018	F 5.884319	5.156874
Stddev	1.6054	.028574	.37931	2.6555	.035164	.023415
%RSD	.4086110	1.145202	2.698996	1.751629	.5975927	.4540479

#1	391.4388	2.486394	14.01386	149.2417	5.848982	5.131985
#2	392.6463	2.471935	13.69568	151.0865	5.884667	5.160172
#3	394.6191	2.527046	14.45117	154.4772	5.919308	5.178464

Sample Name: CCV061 Acquired: 01/09/2022 22:38:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853974	5.231502	4.974292	4.982250	4.974722	5.029924
Stddev	.008883	.021905	.024859	.021711	.013751	.006336
%RSD	.1830148	.4187178	.4997415	.4357746	.2764207	.1259565
#1	4.845877	5.206302	4.945743	4.971638	4.979660	5.035948
#2	4.863477	5.242217	4.991145	4.967886	4.985322	5.030507
#3	4.852568	5.245987	4.985989	5.007227	4.959184	5.023317

Elem	Sr4077
Units	ppm
Avg	4.758200
Stddev	.014833
%RSD	.3117320
#1	4.742280
#2	4.760689
#3	4.771631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1058.202	35660.22	5817.524	939.3753	1522.171
Stddev	1.571	60.80	41.179	5.6427	2.045
%RSD	.1485024	.1704854	.7078423	.6006882	.1343203
#1	1058.780	35592.70	5849.725	936.8770	1524.531
#2	1056.423	35710.63	5831.723	945.8358	1521.028
#3	1059.402	35677.31	5771.125	935.4129	1520.953

Sample Name: CCB061 Acquired: 01/09/2022 22:42:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022952	-.000184	-.001974	.0035534	.0001001	.0062842	.0003132
Stddev	.0031943	.002460	.001863	.0031818	.0007547	.0067157	.0006804
%RSD	139.1717	1338.125	94.36788	89.54333	754.0231	106.8661	217.2698

#1	.0036573	-.003007	-.002540	.0050146	.0008030	.0089865	-.000216
#2	-.001354	.000950	.000106	.0057422	-.000698	-.001362	.001081
#3	.004583	.001505	-.003488	-.000097	.000195	.011228	.000075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	.0000745	.0110812	.0002316	-.000388	.0028171	.0045268
Stddev	.0000693	.0001065	.0184513	.0002798	.000144	.0013361	.0058815
%RSD	186.3317	142.9519	166.5110	120.8186	37.09392	47.42833	129.9248

#1	.0000660	.0001833	.0275066	.0004094	-.000463	.0030269	.0063817
#2	-.000042	.0000697	-.008883	-.000091	-.000479	.0013885	-.002058
#3	.000087	-.000029	.014620	.000376	-.000222	.0040358	.009257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000127	.0464093	.0001975	.0000451	.1818823	-.000527	.0123732
Stddev	.0009554	.0178957	.0003308	.0000993	.3233827	.001619	.0259168
%RSD	7507.767	38.56063	167.4606	220.0109	177.7978	307.0864	209.4599

#1	.0006934	.0628520	.0005679	.0000451	-.087758	.001339	-.001801
#2	-.001080	.0490270	.0000932	.0001444	.092990	-.001360	.042286
#3	.000424	.0273489	-.000069	-.000054	.540414	-.001559	-.003365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2377875	-.001391	.0055629	.0007743	.0002202	.0033774	.0030099
Stddev	.1408014	.000684	.0014044	.0001315	.0005169	.0012519	.0001742
%RSD	59.21311	49.15221	25.24519	16.98179	234.8149	37.06633	5.788249

#1	.1344211	-.001555	.0071748	.0009081	.0007862	.0042436	.0031774
#2	.1807897	-.000640	.0049102	.0006453	.0001012	.0019421	.0030227
#3	.3981517	-.001977	.0046036	.0007696	-.000227	.0039466	.0028296

Sample Name: CCB061 Acquired: 01/09/2022 22:42:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012541	.0013621	.0000046
Stddev	.0016085	.0015114	.0000449
%RSD	128.2552	110.9551	984.0763

#1	.0018595	-.000138	-.000034
#2	-.000569	.002885	-.000007
#3	.002472	.001340	.000054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.097	39296.69	6053.100	1106.742	2039.827
Stddev	2.733	1038.09	34.662	44.158	5.036
%RSD	.2148147	2.641685	.5726263	3.989918	.2468700

#1	1273.855	39134.56	6056.125	1109.372	2036.377
#2	1273.486	40406.31	6086.150	1149.526	2045.605
#3	1268.949	38349.20	6017.025	1061.327	2037.498

Sample Name: M4414-04 Acquired: 01/09/2022 22:46:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896922	-.008188	.8059962	.0330570	.0049613	113.7455	1.876297
Stddev	.0088689	.002227	.0042090	.0050475	.0038619	1.6617	.003937
%RSD	9.888168	27.19302	.5222064	15.26911	77.84149	1.460917	.2098499

#1	.0973367	-.005910	.8107126	.0379780	.0067510	115.3822	1.879417
#2	.0799684	-.008296	.8026221	.0278918	.0005291	112.0599	1.877600
#3	.0917715	-.010359	.8046538	.0333012	.0076035	113.7943	1.871873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100617	.0487802	58.85571	.1652129	.0988146	.1804294	199.5101
Stddev	.0000248	.0002118	.47335	.0011794	.0001866	.0020830	2.6661
%RSD	.2466791	.4342724	.8042521	.7138400	.1887960	1.154446	1.336301

#1	.0100609	.0486355	59.40215	.1639031	.0988171	.1802402	202.4174
#2	.0100869	.0490233	58.59315	.1655449	.0986269	.1784475	197.1797
#3	.0100373	.0486816	58.57183	.1661906	.0990000	.1826005	198.9332

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.355049	20.21706	.1738154	-.016556	1.411073	.3411868	5.753489
Stddev	.076723	.29812	.0009701	.000297	.291897	.0027996	.130439
%RSD	1.207283	1.474573	.5581224	1.793409	20.68620	.8205325	2.267133

#1	6.441629	20.54247	.1740426	-.016236	1.098721	.3440502	5.903435
#2	6.295501	19.95712	.1727519	-.016822	1.457562	.3384558	5.666206
#3	6.328016	20.15160	.1746517	-.016610	1.676936	.3410544	5.690826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.636904	.5292306	.2203282	.0060033	.2324502	55.10968	-.002816
Stddev	.206450	.0029237	.0023908	.0006689	.0021466	.35047	.002331
%RSD	2.142289	.5524437	1.085113	11.14142	.9234876	.6359462	82.78665

#1	9.865356	.5273801	.2225882	.0052501	.2307214	55.45785	-.001147
#2	9.463693	.5326012	.2178252	.0062316	.2348529	54.75695	-.001821
#3	9.581664	.5277106	.2205711	.0065280	.2317762	55.11423	-.005479

Sample Name: M4414-04 Acquired: 01/09/2022 22:46:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.579590	.0757302	.0805017
Stddev	.010189	.0008474	.0012854
%RSD	.6450555	1.118916	1.596718

#1	1.580486	.0750687	.0790788
#2	1.589302	.0754367	.0815788
#3	1.568983	.0766853	.0808474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.294	44256.34	6833.578	1231.895	1921.930
Stddev	3.063	189.10	65.685	10.685	2.548
%RSD	.2168614	.4272759	.9612035	.8673578	.1325982

#1	1410.627	44039.74	6765.431	1219.967	1921.115
#2	1415.829	44388.55	6896.487	1235.129	1924.786
#3	1410.427	44340.73	6838.815	1240.590	1919.888

Sample Name: M4414-05 Acquired: 01/09/2022 22:50:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242981	-.003238	2.396772	.0189897	.0076107	86.62005	1.992619
Stddev	.0140619	.007511	.006234	.0008722	.0027860	.58937	.007341
%RSD	11.31306	231.9837	.2600860	4.592859	36.60639	.6804114	.3684042

#1	.1093706	-.001430	2.391586	.0198622	.0057748	86.10981	1.984187
#2	.1372950	.003205	2.403688	.0189890	.0108165	86.48516	1.996081
#3	.1262287	-.011488	2.395043	.0181179	.0062410	87.26517	1.997588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098548	.1560499	356.8509	.2523484	.0777756	.7845657	156.6862
Stddev	.0001863	.0002534	1.3616	.0013493	.0007073	.0097975	.5929
%RSD	1.889922	.1623536	.3815588	.5347126	.9094066	1.248783	.3784045

#1	.0100540	.1557883	355.3769	.2537989	.0778677	.7771852	156.1407
#2	.0096850	.1562941	357.1140	.2511304	.0784323	.7808304	156.6007
#3	.0098253	.1560675	358.0617	.2521158	.0770268	.7956814	157.3172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.948981	84.12604	.2975170	-.009752	1.816502	.2579310	14.96586
Stddev	.025128	.45381	.0006551	.000495	.135032	.0048639	.16023
%RSD	.3161123	.5394390	.2201848	5.079464	7.433629	1.885719	1.070621

#1	7.920408	83.67125	.2968433	-.009845	1.764526	.2527702	14.80238
#2	7.958903	84.12801	.2981518	-.010194	1.715182	.2585925	15.12263
#3	7.967634	84.57886	.2975560	-.009216	1.969799	.2624302	14.97256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.18204	2.896374	.2743135	.0137376	1.033540	52.26123	.0594455
Stddev	.14146	.005169	.0016049	.0006571	.002076	.41729	.0046868
%RSD	.8741585	.1784797	.5850505	4.782999	.2008619	.7984644	7.884236

#1	16.23126	2.896157	.2730175	.0134041	1.035385	52.43222	.0633317
#2	16.02255	2.901648	.2738143	.0133142	1.033944	51.78561	.0607643
#3	16.29231	2.891316	.2761086	.0144946	1.031292	52.56586	.0542406

Sample Name: M4414-05 Acquired: 01/09/2022 22:50:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.331714	.0643428	.3486153
Stddev	.007623	.0005645	.0009524
%RSD	.5723841	.8773180	.2731938

#1	1.323540	.0638910	.3475444
#2	1.332975	.0641619	.3493673
#3	1.338628	.0649756	.3489343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.392	42492.60	6756.666	1166.056	1761.840
Stddev	3.236	97.28	27.820	4.784	1.227
%RSD	.2417833	.2289283	.4117414	.4102840	.0696160

#1	1341.875	42488.80	6745.241	1171.332	1763.153
#2	1337.822	42397.27	6788.379	1161.998	1760.724
#3	1335.478	42591.71	6736.377	1164.840	1761.643

Sample Name: M4414-06 Acquired: 01/09/2022 22:54:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1512347	-.008058	3.050063	.0189183	.0085273	93.98116	2.062960
Stddev	.0194942	.003873	.018671	.0059070	.0027692	.66576	.009433
%RSD	12.89002	48.06103	.6121469	31.22393	32.47519	.7083973	.4572666

#1	.1718869	-.003835	3.038231	.0148427	.0061473	93.39908	2.060831
#2	.1486636	-.011444	3.040371	.0256927	.0115667	94.70709	2.054774
#3	.1331536	-.008893	3.071586	.0162195	.0078678	93.83731	2.073276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134354	.2218520	330.3867	.3655553	.0787050	.9297489	193.0481
Stddev	.0001554	.0016966	1.3335	.0010215	.0009924	.0113934	1.0672
%RSD	1.156491	.7647451	.4036141	.2794417	1.260929	1.225427	.5528413

#1	.0132705	.2211306	328.9020	.3666972	.0778936	.9219450	192.0190
#2	.0135791	.2206354	331.4825	.3647285	.0784099	.9428233	194.1498
#3	.0134566	.2237901	330.7755	.3652402	.0798115	.9244785	192.9756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.669381	71.85205	.4935165	-.010752	2.729911	.2638264	20.65946
Stddev	.045600	.42377	.0015298	.000841	.171227	.0016567	.54197
%RSD	.5945703	.5897833	.3099712	7.824102	6.272246	.6279416	2.623366

#1	7.626802	71.51465	.4921659	-.011605	2.629000	.2624553	20.47887
#2	7.717496	72.32767	.4932058	-.009923	2.927612	.2656672	20.23085
#3	7.663846	71.71383	.4951777	-.010728	2.633120	.2633566	21.26868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.90388	3.221774	.4355712	.0153638	1.073352	50.02045	.0692678
Stddev	.21388	.020760	.0018611	.0003565	.005816	.38222	.0033209
%RSD	1.265272	.6443670	.4272720	2.320181	.5418687	.7641256	4.794245

#1	16.74084	3.201926	.4353608	.0154083	1.067995	49.80587	.0657811
#2	17.14605	3.220058	.4375285	.0149871	1.072524	50.46175	.0723934
#3	16.82476	3.243339	.4338243	.0156959	1.079538	49.79375	.0696288

Sample Name: M4414-06 Acquired: 01/09/2022 22:54:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.576375	.0699614	.3598106
Stddev	.007322	.0005361	.0015615
%RSD	.4644724	.7662504	.4339776

#1	1.576290	.0694305	.3592063
#2	1.569096	.0699511	.3586416
#3	1.583739	.0705025	.3615839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.942	42836.16	6881.398	1168.964	1766.715
Stddev	10.654	115.30	47.869	6.731	12.006
%RSD	.7857509	.2691742	.6956274	.5758266	.6795434

#1	1363.600	42707.69	6921.897	1170.632	1774.474
#2	1360.451	42930.68	6828.571	1174.705	1772.785
#3	1343.774	42870.11	6893.726	1161.556	1752.886

Sample Name: M4414-07 Acquired: 01/09/2022 22:58:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1349796	-.006583	2.408413	.0207301	.0022219	104.9721	1.994632
Stddev	.0041290	.001432	.003031	.0055340	.0019110	1.0140	.010031
%RSD	3.058990	21.74692	.1258705	26.69550	86.01012	.9659672	.5028928

#1	.1302821	-.005065	2.409731	.0270352	.0031596	106.1426	1.985602
#2	.1366224	-.007909	2.404946	.0166778	.0034830	104.3615	2.005429
#3	.1380345	-.006776	2.410563	.0184774	.0000231	104.4123	1.992863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131916	.1502951	150.7165	.2172019	.0820419	.4711666	206.8736
Stddev	.0000178	.0003272	.5510	.0013943	.0006827	.0139028	2.2238
%RSD	.1346510	.2177262	.3655927	.6419486	.8321364	2.950728	1.074973

#1	.0131958	.1504769	151.3263	.2161955	.0822158	.4869596	209.4162
#2	.0132069	.1499173	150.5690	.2166167	.0812891	.4607748	205.2909
#3	.0131721	.1504911	150.2543	.2187934	.0826209	.4657656	205.9138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.772720	38.63235	.2910854	-.014272	1.795517	.2952711	14.43567
Stddev	.042777	.27995	.0010209	.000330	.120502	.0013166	.08698
%RSD	.6316077	.7246540	.3507326	2.312986	6.711251	.4458814	.6025384

#1	6.821806	38.92362	.2901379	-.013905	1.901740	.2967380	14.37783
#2	6.743402	38.36529	.2909517	-.014368	1.664571	.2948830	14.53569
#3	6.752953	38.60815	.2921666	-.014544	1.820241	.2941921	14.39347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.80937	1.757507	.3064431	.0118890	.7393317	53.48257	.0962247
Stddev	.34372	.002593	.0050537	.0003524	.0026567	.03707	.0011669
%RSD	1.827393	.1475461	1.649154	2.963628	.3593435	.0693207	1.212695

#1	19.19876	1.757980	.3122785	.0119866	.7420486	53.44115	.0957812
#2	18.54813	1.754711	.3035568	.0114982	.7367395	53.51265	.0975484
#3	18.68123	1.759832	.3034939	.0121823	.7392071	53.49392	.0953446

Sample Name: M4414-07 Acquired: 01/09/2022 22:58:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.427828	.0788665	.1933316
Stddev	.005439	.0015750	.0022934
%RSD	.3809180	1.997075	1.186245

#1	1.421584	.0806793	.1907023
#2	1.430368	.0778335	.1949195
#3	1.431533	.0780867	.1943731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.185	44289.85	6971.592	1222.590	1855.967
Stddev	2.823	431.56	46.715	13.215	6.125
%RSD	.2017324	.9744045	.6700820	1.080914	.3300073

#1	1399.012	43841.39	6918.481	1207.392	1855.091
#2	1402.090	44702.25	7006.320	1229.000	1862.482
#3	1396.452	44325.91	6989.974	1231.377	1850.327

Sample Name: M4414-08 Acquired: 01/09/2022 23:01:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1175566	-.010173	.7591964	.0237515	.0009383	137.3660	1.508517
Stddev	.0125050	.004950	.0016019	.0030947	.0022433	1.6286	.005775
%RSD	10.63744	48.66042	.2109937	13.02961	239.0665	1.185566	.3828052

#1	.1140987	-.014593	.7599579	.0212700	.0002585	135.9276	1.502109
#2	.1314267	-.011102	.7573558	.0227655	.0034429	137.0363	1.510125
#3	.1071445	-.004824	.7602754	.0272191	-.000886	139.1342	1.513318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099197	.0362565	87.93247	.2016364	.0786903	.2274715	197.4339
Stddev	.0001538	.0000302	.51424	.0004236	.0003261	.0025822	2.0939
%RSD	1.549965	.0832470	.5848075	.2100948	.4144344	1.135164	1.060577

#1	.0100920	.0362238	87.46413	.2012597	.0783383	.2252637	195.8139
#2	.0098706	.0362834	87.85052	.2015546	.0787506	.2268400	196.6896
#3	.0097965	.0362623	88.48276	.2020950	.0789821	.2303109	199.7984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868117	32.22284	.1897942	-.016077	1.095811	.3528746	4.272665
Stddev	.037143	.30554	.0004685	.000257	.026230	.0049215	.116027
%RSD	.7629839	.9482035	.2468255	1.596888	2.393692	1.394697	2.715570

#1	4.835115	32.08645	.1892778	-.015918	1.072172	.3479708	4.249505
#2	4.860895	32.00925	.1899131	-.016373	1.091232	.3528393	4.398525
#3	4.908341	32.57282	.1901918	-.015940	1.124030	.3578136	4.169964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.16660	1.000433	.2293057	.0051836	.2499650	52.09158	.0108812
Stddev	.27817	.003756	.0022127	.0005895	.0008278	.38922	.0003713
%RSD	1.620391	.3754272	.9649611	11.37180	.3311686	.7471796	3.412175

#1	16.97506	1.004763	.2281242	.0045552	.2507660	51.85502	.0106758
#2	17.03907	.998478	.2279346	.0057244	.2491127	51.87893	.0113098
#3	17.48566	.998058	.2318584	.0052711	.2500162	52.54080	.0106580

Sample Name: M4414-08 Acquired: 01/09/2022 23:01:58 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.617178	.0864112	.0309453
Stddev	.008774	.0005689	.0018090
%RSD	.5425798	.6583825	5.845911

#1	1.618503	.0857949	.0323267
#2	1.625215	.0869164	.0316116
#3	1.607816	.0865224	.0288977

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.271	43840.07	6858.958	1221.356	1889.649
Stddev	1.988	69.60	64.078	5.453	2.383
%RSD	.1412620	.1587589	.9342189	.4464603	.1261123

#1	1406.685	43855.64	6867.866	1215.094	1890.546
#2	1409.486	43900.56	6918.116	1223.919	1891.454
#3	1405.642	43764.00	6790.892	1225.055	1886.948

Sample Name: M4414-09 Acquired: 01/09/2022 23:05:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886093	-.009011	1.514310	.0306057	.0042804	132.2034	2.458148
Stddev	.0137516	.003068	.003252	.0041656	.0013988	2.2235	.025841
%RSD	15.51931	34.04337	.2147817	13.61053	32.67838	1.681888	1.051256

#1	.0910002	-.012495	1.517584	.0285768	.0050301	129.6753	2.431528
#2	.1010087	-.007827	1.514264	.0278434	.0026666	133.8554	2.483133
#3	.0738191	-.006712	1.511080	.0353971	.0051446	133.0796	2.459782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136812	.1159039	151.6770	.2459571	.1052218	.3554366	218.2100
Stddev	.0001645	.0001564	1.7401	.0006348	.0003976	.0103765	3.3384
%RSD	1.202624	.1348996	1.147257	.2580790	.3779032	2.919373	1.529893

#1	.0135177	.1159359	149.7228	.2456350	.1051068	.3435083	214.3940
#2	.0138468	.1157340	153.0588	.2466884	.1048943	.3604217	220.5906
#3	.0136790	.1160418	152.2495	.2455480	.1056643	.3623798	219.6453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.770896	41.26943	.3811404	-.015701	1.902211	.3556085	9.627121
Stddev	.091020	.50231	.0009497	.000141	.048595	.0068487	.051556
%RSD	1.171294	1.217145	.2491868	.8980954	2.554662	1.925918	.5355274

#1	7.668591	40.73176	.3800523	-.015763	1.847629	.3480216	9.609383
#2	7.842901	41.72668	.3818030	-.015799	1.940777	.3613345	9.586776
#3	7.801198	41.34985	.3815659	-.015539	1.918227	.3574694	9.685204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.13198	1.023375	.2491946	.0044006	.3224900	54.56838	.0044086
Stddev	.51542	.001135	.0017741	.0005395	.0012244	.75426	.0009500
%RSD	2.135851	.1108730	.7119284	12.26077	.3796673	1.382221	21.54875

#1	23.53780	1.024257	.2493674	.0037957	.3210969	53.85900	.0033404
#2	24.45866	1.023773	.2473405	.0048324	.3229777	55.36066	.0047266
#3	24.39948	1.022095	.2508760	.0045736	.3233953	54.48549	.0051589

Sample Name: M4414-09 Acquired: 01/09/2022 23:05:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.026014	.0931363	.3785211
Stddev	.008257	.0009792	.0033651
%RSD	.8048009	1.051343	.8890219

#1	1.019420	.0941272	.3748973
#2	1.035275	.0921693	.3815475
#3	1.023348	.0931124	.3791185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.646	44995.86	7064.664	1250.620	1835.556
Stddev	2.820	132.51	89.053	3.739	.914
%RSD	.1976697	.2944903	1.260536	.2989336	.0497893

#1	1424.145	45148.64	7160.150	1248.626	1836.579
#2	1429.702	44912.20	6983.873	1254.933	1835.267
#3	1426.092	44926.75	7049.970	1248.302	1834.821

Sample Name: M4414-10 Acquired: 01/09/2022 23:09:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979621	-.012954	1.425562	.0284717	-.000044	121.9454	2.294026
Stddev	.0062646	.005134	.008313	.0093120	.001382	1.0177	.005310
%RSD	6.394880	39.63172	.5831711	32.70614	3106.637	.8345716	.2314585
#1	.0926266	-.018214	1.424234	.0346544	.001539	122.8835	2.296053
#2	.0963997	-.012691	1.417992	.0329990	-.001008	120.8634	2.288002
#3	.1048600	-.007957	1.434459	.0177617	-.000664	122.0892	2.298024
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130593	.1117248	142.9964	.2445631	.0961026	.3353778	206.1871
Stddev	.0002213	.0003913	.7886	.0010793	.0008443	.0086702	1.7268
%RSD	1.694594	.3502758	.5515012	.4413019	.8785379	2.585220	.8375016
#1	.0133084	.1121458	143.8375	.2448529	.0956379	.3453816	207.8823
#2	.0129841	.1116567	142.2736	.2454679	.0955927	.3307178	204.4304
#3	.0128854	.1113720	142.8780	.2433686	.0970771	.3300341	206.2487
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.713963	36.32872	.3673207	-.014556	2.019098	.3394330	9.947048
Stddev	.057850	.18504	.0009946	.000263	.148469	.0028278	.145979
%RSD	.8616425	.5093403	.2707737	1.803898	7.353224	.8331112	1.467565
#1	6.773561	36.52691	.3681735	-.014837	1.949718	.3371145	9.833733
#2	6.658034	36.16049	.3662281	-.014318	2.189555	.3386010	10.11178
#3	6.710295	36.29876	.3675604	-.014512	1.918020	.3425835	9.89563
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.96855	1.029949	.2595829	.0048255	.3321841	56.00381	.0154776
Stddev	.25901	.002266	.0014576	.0002575	.0008522	.66338	.0039680
%RSD	1.235219	.2199804	.5615298	5.335990	.2565532	1.184534	25.63728
#1	21.26725	1.029789	.2583286	.0047796	.3322092	56.76370	.0142489
#2	20.83216	1.032290	.2592382	.0045941	.3330236	55.70751	.0199147
#3	20.80624	1.027767	.2611821	.0051029	.3313197	55.54021	.0122693

Sample Name: M4414-10 Acquired: 01/09/2022 23:09:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.066800	.0839154	.3246203
Stddev	.003750	.0012556	.0008006
%RSD	.3515606	1.496309	.2466139

#1	1.069884	.0830079	.3248011
#2	1.062625	.0853484	.3253150
#3	1.067891	.0833898	.3237448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.144	44405.10	7006.500	1232.053	1856.097
Stddev	2.220	455.63	62.402	20.786	1.891
%RSD	.1559720	1.026080	.8906274	1.687085	.1018610

#1	1425.637	44645.08	6936.316	1250.125	1857.206
#2	1422.412	43879.63	7027.462	1209.338	1857.171
#3	1421.382	44690.58	7055.722	1236.695	1853.914

Sample Name: M4414-11 Acquired: 01/09/2022 23:13:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1196016	-.007875	2.874784	.0245212	.0033124	114.7753	2.068189
Stddev	.0149784	.005325	.007891	.0039918	.0035011	.5545	.002757
%RSD	12.52354	67.61463	.2744939	16.27882	105.6970	.4831288	.1333213

#1	.1352526	-.003670	2.883450	.0240057	.0073187	114.3522	2.071106
#2	.1054015	-.006093	2.872890	.0287457	.0017780	114.5707	2.067837
#3	.1181507	-.013862	2.868013	.0208122	.0008404	115.4031	2.065625

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154540	.1653368	117.6191	.2038211	.0960432	.3657201	222.9342
Stddev	.0003258	.0003419	.0778	.0013083	.0002053	.0012891	1.3770
%RSD	2.108169	.2068041	.0661194	.6418955	.2137687	.3524878	.6176685

#1	.0152302	.1657302	117.6733	.2029000	.0960190	.3661973	222.3346
#2	.0158278	.1651691	117.5300	.2053187	.0958510	.3642604	221.9588
#3	.0153040	.1651111	117.6541	.2032447	.0962595	.3667025	224.5094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.304526	25.25511	.2397175	-.016385	2.054197	.3267062	17.69564
Stddev	.034538	.14723	.0015062	.000657	.070237	.0007516	.45820
%RSD	.4728282	.5829620	.6283115	4.012496	3.419192	.2300493	2.589351

#1	7.291354	25.16213	.2413521	-.016396	2.036031	.3264189	17.96910
#2	7.278513	25.17835	.2383858	-.017037	2.131732	.3261407	17.16666
#3	7.343712	25.42486	.2394146	-.015722	1.994828	.3275591	17.95117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91120	1.423068	.3160176	.0088615	.8760950	52.22680	.1181980
Stddev	.22706	.002154	.0054553	.0005990	.0013091	.91996	.0052673
%RSD	1.522766	.1513636	1.726258	6.759665	.1494186	1.761476	4.456344

#1	14.66675	1.424726	.3186921	.0093084	.8766485	51.91505	.1141301
#2	14.95131	1.420634	.3097412	.0090952	.8770364	53.26213	.1163161
#3	15.11553	1.423846	.3196195	.0081808	.8746002	51.50322	.1241478

Sample Name: M4414-11 Acquired: 01/09/2022 23:13:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.586227	.0864258	.1385703
Stddev	.003665	.0006932	.0004925
%RSD	.2310532	.8020621	.3553949

#1	1.583811	.0863859	.1391167
#2	1.590444	.0857534	.1384336
#3	1.584426	.0871381	.1381607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.125	44913.30	7096.876	1240.287	1884.979
Stddev	4.569	443.32	23.983	29.035	2.209
%RSD	.3185848	.9870612	.3379433	2.340960	.1171864

#1	1439.350	44819.58	7121.883	1223.437	1887.269
#2	1432.142	45396.00	7094.678	1273.813	1882.861
#3	1430.882	44524.34	7074.068	1223.611	1884.809

Sample Name: M4414-12 Acquired: 01/09/2022 23:17:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991350	-.008893	1.681353	.0200457	.0030719	116.1589	1.991265
Stddev	.0144189	.004740	.009114	.0009247	.0026510	.8272	.008254
%RSD	14.54470	53.30358	.5420695	4.613176	86.29819	.7121552	.4145174

#1	.1157813	-.009189	1.675280	.0201214	.0030439	115.3403	1.985090
#2	.0910935	-.004011	1.691833	.0209303	.0057368	116.9945	2.000640
#3	.0905301	-.013478	1.676946	.0190855	.0004350	116.1417	1.988064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110245	.0867790	105.5153	.2425933	.0755598	.3360888	185.1191
Stddev	.0001737	.0003334	.5347	.0026561	.0001602	.0034142	.8894
%RSD	1.575827	.3841659	.5067632	1.094895	.2120028	1.015855	.4804310

#1	.0109076	.0871636	105.0504	.2454065	.0755970	.3334872	184.2950
#2	.0112241	.0865722	106.0996	.2422447	.0756981	.3399548	186.0618
#3	.0109418	.0866012	105.3958	.2401286	.0753843	.3348245	185.0005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.131394	27.64531	.2704179	-.012734	1.631114	.3126455	9.007231
Stddev	.026603	.23922	.0015324	.000381	.167434	.0037808	.133566
%RSD	.4338868	.8653196	.5666796	2.992226	10.26501	1.209303	1.482875

#1	6.111152	27.45755	.2689734	-.013129	1.510132	.3093269	8.869739
#2	6.161526	27.91465	.2720252	-.012704	1.561004	.3167614	9.136490
#3	6.121505	27.56372	.2702550	-.012368	1.822206	.3118482	9.015466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.75743	1.337331	.2545648	.0057918	.3749790	54.21642	.0310800
Stddev	.24691	.000998	.0018317	.0006794	.0012052	.75393	.0000752
%RSD	1.935457	.0746454	.7195506	11.73054	.3214062	1.390601	.2420831

#1	12.49292	1.337278	.2566666	.0062130	.3738491	53.68746	.0310662
#2	12.98185	1.336361	.2533095	.0050081	.3748405	55.07971	.0311612
#3	12.79751	1.338356	.2537181	.0061545	.3762475	53.88209	.0310126

Sample Name: M4414-12 Acquired: 01/09/2022 23:17:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.464731	.0837001	.1236486
Stddev	.001506	.0020266	.0002617
%RSD	.1027960	2.421251	.2116476

#1	1.466120	.0852250	.1239371
#2	1.464941	.0844750	.1235824
#3	1.463131	.0814004	.1234264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.055	44592.64	6888.571	1237.551	1893.529
Stddev	1.897	169.53	91.305	5.954	4.163
%RSD	.1340447	.3801647	1.325457	.4811094	.2198277

#1	1413.220	44485.16	6980.670	1233.557	1891.362
#2	1414.936	44504.71	6798.081	1234.702	1890.897
#3	1417.008	44788.07	6886.963	1244.394	1898.328

Sample Name: M4414-13 Acquired: 01/09/2022 23:21:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074859	-.006848	.6925314	.0193867	.0026401	111.4418	1.933654
Stddev	.0117045	.005952	.0023824	.0052985	.0041435	.9941	.002843
%RSD	10.88929	86.92251	.3440062	27.33036	156.9423	.8919938	.1470379

#1	.1207801	-.010626	.6949140	.0176227	-.001235	110.3370	1.934792
#2	.0987311	.000014	.6925309	.0151953	.007008	111.7248	1.935752
#3	.1029466	-.009931	.6901493	.0253422	.002147	112.2638	1.930418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089203	.0279016	50.80362	.1761626	.0898994	.1607549	162.0020
Stddev	.0000811	.0001262	.16233	.0021414	.0006839	.0014771	1.4336
%RSD	.9088324	.4522684	.3195187	1.215591	.7607425	.9188487	.8849143

#1	.0088330	.0277729	50.63934	.1740536	.0903436	.1614524	160.3924
#2	.0089933	.0279067	50.80758	.1760992	.0891118	.1617541	162.4721
#3	.0089345	.0280251	50.96392	.1783350	.0902426	.1590582	163.1415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.752375	20.39072	.1665785	-.013158	1.118865	.3161809	3.875384
Stddev	.054486	.14366	.0001841	.000411	.197926	.0004335	.063286
%RSD	.7028249	.7045145	.1105256	3.122940	17.68994	.1371010	1.633029

#1	7.690236	20.24465	.1666623	-.013355	1.174692	.3157142	3.877026
#2	7.774916	20.39569	.1667058	-.013434	.899020	.3162576	3.811293
#3	7.791973	20.53183	.1663674	-.012686	1.282882	.3165710	3.937833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16644	.8770112	.1966404	.0043096	.2408875	51.05664	.0039618
Stddev	.12796	.0034371	.0037406	.0001317	.0009501	.33329	.0039872
%RSD	1.145929	.3919116	1.902253	3.055810	.3944063	.6527801	100.6422

#1	11.06667	.8808562	.1946753	.0043259	.2418580	50.77375	.0070844
#2	11.12195	.8742366	.2009540	.0044324	.2408454	50.97213	.0053304
#3	11.31071	.8759409	.1942920	.0041706	.2399592	51.42405	-.000530

Sample Name: M4414-13 Acquired: 01/09/2022 23:21:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.479400	.0798946	.0423504
Stddev	.003951	.0024337	.0011235
%RSD	.2670948	3.046102	2.652774

#1	1.480986	.0806851	.0435591
#2	1.482312	.0818347	.0421538
#3	1.474902	.0771639	.0413381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.867	44001.20	6922.344	1220.042	1933.731
Stddev	4.555	142.56	39.649	3.940	4.424
%RSD	.3201039	.3239853	.5727620	.3229508	.2287699

#1	1417.771	44097.71	6965.516	1216.996	1929.035
#2	1424.287	44068.43	6913.953	1218.638	1934.339
#3	1426.542	43837.46	6887.562	1224.492	1937.820

Sample Name: M4414-14 Acquired: 01/09/2022 23:25:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1231474	-.008806	3.614668	.0314970	.0056345	109.3644	2.553203
Stddev	.0157759	.004964	.051857	.0069176	.0005426	1.8619	.016099
%RSD	12.81058	56.37533	1.434635	21.96264	9.629542	1.702487	.6305491

#1	.1376235	-.014326	3.637650	.0299568	.0052877	111.4932	2.571793
#2	.1254858	-.004709	3.651062	.0390549	.0062598	108.5601	2.543807
#3	.1063328	-.007382	3.555291	.0254794	.0053561	108.0398	2.544010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157668	.1928753	231.2820	.2495918	.0925625	.6198700	250.2573
Stddev	.0000676	.0028965	1.7702	.0008624	.0011306	.0157772	3.6998
%RSD	.4284657	1.501731	.7654040	.3455265	1.221459	2.545246	1.478401

#1	.0157138	.1941467	233.3259	.2505664	.0925421	.6354608	254.5288
#2	.0157437	.1949186	230.2361	.2492816	.0937032	.6202365	248.1874
#3	.0158428	.1895606	230.2839	.2489274	.0914423	.6039127	248.0556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.862287	72.89441	.3259465	-.017034	2.759024	.3304238	17.43904
Stddev	.102319	1.02484	.0045812	.000468	.088090	.0049935	.26138
%RSD	1.154540	1.405919	1.405494	2.746377	3.192779	1.511231	1.498794

#1	8.980389	74.07039	.3273394	-.016501	2.858271	.3361158	17.15398
#2	8.800381	72.42085	.3296694	-.017378	2.690104	.3283749	17.66743
#3	8.806092	72.19199	.3208305	-.017223	2.728698	.3267807	17.49572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.18006	1.699601	.3314102	.0183655	.8434490	51.69420	.0803900
Stddev	.28723	.022574	.0049876	.0001573	.0144698	.74709	.0020890
%RSD	2.025596	1.328205	1.504962	.8563556	1.715547	1.445219	2.598555

#1	14.47952	1.718077	.3371661	.0184208	.8532741	52.54743	.0782298
#2	14.15380	1.706288	.3286981	.0184876	.8502401	51.37777	.0805408
#3	13.90686	1.674439	.3283662	.0181880	.8268329	51.15738	.0823996

Sample Name: M4414-14 Acquired: 01/09/2022 23:25:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.542833	.0828382	.2077027
Stddev	.011590	.0005801	.0042686
%RSD	.7512184	.7002754	2.055157

#1	1.529455	.0824682	.2028240
#2	1.549827	.0835068	.2107501
#3	1.549219	.0825397	.2095340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.793	44465.33	6973.639	1224.120	1817.708
Stddev	17.423	242.86	47.728	18.408	23.559
%RSD	1.231469	.5461757	.6844099	1.503770	1.296092

#1	1407.866	44660.98	6926.353	1244.475	1805.600
#2	1401.899	44193.51	6972.766	1208.641	1802.664
#3	1434.614	44541.49	7021.798	1219.243	1844.859

Sample Name: M4414-15 Acquired: 01/09/2022 23:29:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1407166	-.013207	3.396011	.0233215	.0065439	113.6645	1.910851
Stddev	.0301029	.005697	.011624	.0031701	.0048100	.6160	.007399
%RSD	21.39257	43.13873	.3422897	13.59310	73.50239	.5419402	.3871981

#1	.1303826	-.008040	3.393496	.0215247	.0017747	114.3401	1.919318
#2	.1746254	-.019317	3.408687	.0214579	.0064636	113.1341	1.907605
#3	.1171418	-.012264	3.385850	.0269818	.0113936	113.5194	1.905631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169303	.1101135	125.2082	.2104476	.1127262	.6076985	240.0642
Stddev	.0003060	.0002817	.2193	.0005263	.0001082	.0061451	.8400
%RSD	1.807541	.2558284	.1751520	.2500813	.0960122	1.011205	.3499137

#1	.0165976	.1104207	125.4044	.2099410	.1128300	.6119437	240.6659
#2	.0171998	.1100526	124.9714	.2109916	.1126140	.6006519	239.1045
#3	.0169934	.1098672	125.2487	.2104102	.1127345	.6104999	240.4223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.719394	29.20992	.3070794	-.018329	2.935591	.3807267	11.54161
Stddev	.025384	.12937	.0008041	.000067	.333751	.0020143	.07972
%RSD	.2911252	.4429118	.2618413	.3647261	11.36912	.5290747	.6907490

#1	8.723809	29.34538	.3072137	-.018301	2.747436	.3825350	11.61226
#2	8.692091	29.08764	.3062167	-.018406	2.738400	.3810895	11.45518
#3	8.742281	29.19673	.3078079	-.018282	3.320938	.3785556	11.55738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19561	1.138427	.4504231	.0186413	.6921433	45.08646	.0772227
Stddev	.13719	.005384	.0034371	.0002758	.0031596	.67183	.0035170
%RSD	.9028093	.4729659	.7630824	1.479420	.4564953	1.490083	4.554358

#1	15.08329	1.132293	.4539870	.0183739	.6892624	44.31513	.0756916
#2	15.34851	1.140616	.4471287	.0189247	.6955224	45.54384	.0812457
#3	15.15503	1.142373	.4501538	.0186252	.6916453	45.40039	.0747308

Sample Name: M4414-15 Acquired: 01/09/2022 23:29:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.675016	.0836036	.1213397
Stddev	.006781	.0020188	.0007958
%RSD	.4048325	2.414706	.6558347

#1	1.667544	.0858690	.1204291
#2	1.676724	.0819950	.1219019
#3	1.680779	.0829468	.1216881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.862	45496.56	7195.493	1250.206	1853.985
Stddev	1.598	236.67	78.213	11.166	1.332
%RSD	.1105356	.5201982	1.086974	.8931642	.0718550

#1	1444.940	45239.82	7280.000	1246.035	1855.329
#2	1447.707	45706.04	7180.828	1262.857	1852.665
#3	1444.937	45543.82	7125.650	1241.725	1853.961

Sample Name: M4414-16 Acquired: 01/09/2022 23:33:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1108887	-.003530	2.071914	.0308307	.0065414	102.3890	2.120374
Stddev	.0207548	.008844	.001664	.0131494	.0022822	1.1004	.012502
%RSD	18.71679	250.5449	.0803007	42.65033	34.88751	1.074689	.5896208

#1	.1332323	-.006726	2.070024	.0400500	.0056300	103.0651	2.118442
#2	.1072222	-.010331	2.073156	.0157731	.0091385	102.9824	2.133730
#3	.0922114	.006468	2.072562	.0366690	.0048559	101.1192	2.108951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127385	.1194469	139.1979	.1809857	.1002064	.3286087	224.0254
Stddev	.0002046	.0001226	.9270	.0008539	.0003796	.0049777	2.3526
%RSD	1.605834	.1026243	.6659329	.4717846	.3787847	1.514793	1.050148

#1	.0129289	.1193209	139.9178	.1805718	.1004710	.3322516	225.7096
#2	.0127643	.1194541	139.5239	.1804176	.0997715	.3306375	225.0292
#3	.0125222	.1195658	138.1519	.1819676	.1003768	.3229369	221.3374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.719121	27.73715	.2550715	-.016145	1.662926	.2829561	12.97003
Stddev	.091626	.32302	.0011751	.000666	.252728	.0056325	.33425
%RSD	.9427414	1.164569	.4606950	4.126965	15.19779	1.990577	2.577087

#1	9.797024	27.99691	.2546770	-.016792	1.503192	.2881725	12.67141
#2	9.742168	27.83908	.2541444	-.016181	1.531286	.2837120	13.33110
#3	9.618172	27.37547	.2563931	-.015461	1.954300	.2769839	12.90758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.78521	1.361853	.2870522	.0067588	.7790390	52.31064	.0570546
Stddev	.21410	.004718	.0054229	.0002490	.0030565	.55549	.0042353
%RSD	1.275534	.3464695	1.889165	3.683607	.3923416	1.061912	7.423317

#1	17.03108	1.359618	.2909767	.0068795	.7791842	52.94899	.0617627
#2	16.68469	1.358666	.2893155	.0064725	.7759125	52.04573	.0535544
#3	16.63987	1.367273	.2808642	.0069244	.7820203	51.93718	.0558467

Sample Name: M4414-16 Acquired: 01/09/2022 23:33:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.278900	.0827597	.2310046
Stddev	.002181	.0007724	.0012474
%RSD	.1705354	.9332639	.5400074

#1	1.279713	.0823507	.2308387
#2	1.280558	.0836506	.2298484
#3	1.276430	.0822778	.2323266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.996	44394.48	6960.726	1223.978	1874.280
Stddev	.715	77.46	73.171	8.059	1.980
%RSD	.0505134	.1744813	1.051194	.6584458	.1056669

#1	1415.636	44384.40	6889.341	1224.312	1876.498
#2	1415.126	44322.55	6957.276	1215.757	1873.654
#3	1414.225	44476.49	7035.561	1231.865	1872.689

Sample Name: M4414-17 Acquired: 01/09/2022 23:37:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894134	-.008318	.2102345	.0249917	-.003026	103.5440	2.408261
Stddev	.0034087	.001419	.0029591	.0049612	.003093	1.2155	.026833
%RSD	3.812266	17.06439	1.407522	19.85131	102.2290	1.173869	1.114188

#1	.0921789	-.009902	.2074091	.0208298	-.001555	102.3953	2.383420
#2	.0904561	-.007892	.2133112	.0236635	-.006580	104.8167	2.436718
#3	.0856051	-.007161	.2099830	.0304817	-.000942	103.4201	2.404646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078043	-.000256	34.38086	.1518226	.0799112	.0913722	169.8590
Stddev	.0001225	.000287	.39438	.0010752	.0002616	.0040235	2.1812
%RSD	1.569192	112.3824	1.147080	.7082061	.3273928	4.403458	1.284107

#1	.0076763	-.000041	33.98074	.1525530	.0800338	.0869873	167.6755
#2	.0079204	-.000582	34.76922	.1523268	.0796108	.0948944	172.0379
#3	.0078163	-.000145	34.39262	.1505879	.0800891	.0922350	169.8637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.048468	17.35139	.1137132	-.014668	1.109534	.3480069	.6187342
Stddev	.101422	.17148	.0005436	.000405	.163706	.0047058	.0316142
%RSD	1.260143	.9882893	.4780355	2.758289	14.75451	1.352220	5.109500

#1	7.942145	17.19628	.1132741	-.015051	1.293108	.3425731	.5881468
#2	8.144150	17.53554	.1143212	-.014707	.978692	.3507368	.6167721
#3	8.059109	17.32235	.1135442	-.014245	1.056803	.3507107	.6512838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.858551	.4605563	.1716106	.0032560	.0973927	52.05824	-.012981
Stddev	.166489	.0012993	.0014287	.0005667	.0010222	.71476	.001307
%RSD	1.879413	.2821250	.8324994	17.40554	1.049561	1.373008	10.06574

#1	8.667645	.4619193	.1714117	.0033825	.0962189	51.29734	-.013610
#2	8.973617	.4604177	.1731283	.0026367	.0978720	52.71557	-.013855
#3	8.934391	.4593317	.1702918	.0037488	.0980872	52.16180	-.011479

Sample Name: M4414-17 Acquired: 01/09/2022 23:37:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.212040	.0707087	.0145315
Stddev	.023251	.0013358	.0006392
%RSD	1.918351	1.889131	4.398649

#1	1.188966	.0693061	.0138262
#2	1.235464	.0719658	.0146958
#3	1.211691	.0708541	.0150725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.880	43765.15	6802.830	1212.678	1952.251
Stddev	2.357	214.62	87.038	5.743	3.642
%RSD	.1682702	.4903880	1.279433	.4735868	.1865744

#1	1401.961	43655.30	6901.097	1209.687	1951.763
#2	1402.503	44012.46	6735.440	1219.299	1956.113
#3	1398.176	43627.69	6771.955	1209.047	1948.877

Sample Name: M4414-18 Acquired: 01/09/2022 23:41:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0889563	-.008920	1.761627	.0304027	.0065077	99.46332	1.597655
Stddev	.0052074	.007484	.007331	.0076209	.0022070	.17921	.005358
%RSD	5.853874	83.89705	.4161590	25.06672	33.91450	.1801730	.3353714

#1	.0941560	-.016684	1.769919	.0391362	.0068306	99.57773	1.591555
#2	.0837412	-.001752	1.756005	.0269708	.0085355	99.55545	1.599813
#3	.0889716	-.008324	1.758958	.0251011	.0041570	99.25680	1.601597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154277	.0965709	113.9082	.1969506	.0981385	.3375564	214.5364
Stddev	.0001719	.0006057	.1210	.0006094	.0001854	.0049968	1.0064
%RSD	1.114193	.6271622	.1062067	.3094273	.1889576	1.480291	.4691003

#1	.0154017	.0971833	114.0040	.1972407	.0979874	.3425838	215.5250
#2	.0152703	.0959722	113.9485	.1962504	.0980826	.3374948	214.5709
#3	.0156111	.0965573	113.7723	.1973608	.0983454	.3325907	213.5131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.094424	38.01771	.2261403	-.016869	4.817278	.3049773	8.590510
Stddev	.052923	.12495	.0008988	.000282	.107296	.0023277	.313818
%RSD	.6538191	.3286584	.3974541	1.669020	2.227318	.7632456	3.653077

#1	8.152421	38.11556	.2256025	-.016561	4.720530	.3074566	8.321743
#2	8.082100	38.06061	.2271779	-.016934	4.932677	.3028387	8.935381
#3	8.048750	37.87696	.2256405	-.017113	4.798627	.3046366	8.514405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.94103	.9251989	.3069948	.0096310	.6259704	51.27499	.0203618
Stddev	.16820	.0006492	.0063619	.0008270	.0025880	.84200	.0012344
%RSD	1.408578	.0701664	2.072307	8.587436	.4134370	1.642118	6.062388

#1	12.01795	.9250671	.3069561	.0101794	.6242287	51.37597	.0206776
#2	12.05701	.9259039	.3133760	.0086797	.6247381	50.38706	.0214075
#3	11.74812	.9246258	.3006525	.0100339	.6289442	52.06194	.0190001

Sample Name: M4414-18 Acquired: 01/09/2022 23:41:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.715396	.0722367	-.002505
Stddev	.007435	.0027490	.001314
%RSD	.4334543	3.805542	52.47667

#1	1.710681	.0735808	-.003701
#2	1.711540	.0690743	-.002715
#3	1.723967	.0740550	-.001098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.364	45143.52	7036.405	1253.840	1883.296
Stddev	1.533	271.72	46.203	24.287	4.470
%RSD	.1065538	.6018981	.6566312	1.937045	.2373584

#1	1437.205	45342.36	7019.231	1253.289	1880.290
#2	1440.102	44833.92	7088.736	1229.832	1888.433
#3	1437.785	45254.28	7001.249	1278.398	1881.167

Sample Name: M4414-19 Acquired: 01/09/2022 23:45:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1127505	-.002781	1.105286	.0315704	.0036822	105.5934	1.876769
Stddev	.0135975	.005732	.006918	.0054788	.0019886	.7647	.007143
%RSD	12.05985	206.0866	.6259002	17.35436	54.00497	.7242142	.3806263

#1	.1211431	-.005177	1.100384	.0259395	.0021849	105.6551	1.884928
#2	.1200461	.003760	1.113199	.0368834	.0059385	106.3254	1.871642
#3	.0970622	-.006926	1.102274	.0318883	.0029232	104.7997	1.873736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134094	.0896538	88.28301	.1676787	.1116656	.3099350	206.9472
Stddev	.0002413	.0005906	.30373	.0010854	.0010475	.0034789	1.2553
%RSD	1.799491	.6587523	.3440433	.6472924	.9380881	1.122468	.6065766

#1	.0135532	.0890743	88.33331	.1689319	.1109638	.3063568	206.5042
#2	.0135441	.0902550	88.55846	.1670594	.1128697	.3133053	208.3640
#3	.0131308	.0896320	87.95727	.1670447	.1111634	.3101430	205.9736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.669157	32.03306	.2566395	-.017082	2.210306	.2978728	7.286725
Stddev	.042836	.22470	.0016885	.000278	.216297	.0041733	.059931
%RSD	.4430142	.7014685	.6579420	1.629110	9.785860	1.401047	.8224681

#1	9.656176	31.90993	.2547006	-.016761	1.960551	.2980755	7.247432
#2	9.716981	32.29241	.2577867	-.017221	2.336406	.2936018	7.257037
#3	9.634313	31.89683	.2574313	-.017263	2.333960	.3019411	7.355705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.83367	.6835073	.2498135	.0063565	.4230472	50.86280	.0108847
Stddev	.27990	.0037780	.0044373	.0004666	.0029292	.61728	.0003583
%RSD	2.181015	.5527381	1.776253	7.340202	.6924001	1.213612	3.291995

#1	12.68639	.6797135	.2448964	.0065086	.4203328	51.01868	.0105128
#2	13.15646	.6872693	.2535196	.0058328	.4261520	51.38720	.0109138
#3	12.65816	.6835393	.2510245	.0067279	.4226567	50.18253	.0112276

Sample Name: M4414-19 Acquired: 01/09/2022 23:45:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142037	.0858431	.0105389
Stddev	.005291	.0004038	.0001172
%RSD	.4633282	.4704384	1.111550

#1	1.136324	.0857774	.0106715
#2	1.143020	.0862758	.0104492
#3	1.146769	.0854762	.0104961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.131	45505.43	7140.491	1257.031	1897.809
Stddev	3.698	133.70	67.618	7.780	8.041
%RSD	.2541285	.2938176	.9469722	.6189317	.4236756

#1	1458.320	45612.97	7140.176	1266.000	1905.554
#2	1451.077	45547.59	7073.031	1252.098	1889.502
#3	1455.997	45355.73	7208.267	1252.995	1898.370

Sample Name: M4414-20 Acquired: 01/09/2022 23:49:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944742	-.010258	1.440955	.0261757	.0032421	100.6143	1.739667
Stddev	.0194595	.006990	.005154	.0019025	.0040614	1.2956	.017704
%RSD	20.59764	68.14977	.3576606	7.268165	125.2701	1.287644	1.017644

#1	.0735344	-.010865	1.436009	.0265151	.0027437	102.0400	1.750229
#2	.1120020	-.002983	1.446294	.0241263	-.000547	99.5091	1.719228
#3	.0978862	-.016925	1.440561	.0278856	.007530	100.2937	1.749543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151589	.0857254	51.82451	.1640417	.1027678	.2958045	234.9262
Stddev	.0001990	.0002710	.41683	.0009830	.0001029	.0054784	3.1906
%RSD	1.312992	.3160884	.8043199	.5992424	.1000913	1.852049	1.358138

#1	.0153833	.0854265	52.16297	.1651461	.1028074	.2995857	238.4807
#2	.0150037	.0857949	51.35891	.1637163	.1026510	.2895219	232.3098
#3	.0150897	.0859549	51.95164	.1632625	.1028449	.2983061	233.9882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.368594	25.13602	.2291272	-.018479	2.062475	.3346453	8.392687
Stddev	.093438	.32989	.0001687	.001247	.054922	.0027059	.151475
%RSD	1.116535	1.312408	.0736232	6.749725	2.662911	.8085727	1.804848

#1	8.465749	25.50038	.2289440	-.019129	2.052868	.3374238	8.488063
#2	8.279379	24.85763	.2291614	-.019266	2.012991	.3344936	8.471973
#3	8.360655	25.05004	.2292761	-.017041	2.121567	.3320185	8.218025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91812	.5583048	.3053073	.0079264	.3367752	52.64319	.0103160
Stddev	.21724	.0004744	.0051200	.0000766	.0019361	.50515	.0007290
%RSD	1.989680	.0849701	1.676997	.9657280	.5748900	.9595780	7.066285

#1	11.16653	.5588481	.3111323	.0079833	.3386312	52.64339	.0109834
#2	10.82410	.5580933	.3015191	.0079564	.3347679	52.13793	.0104267
#3	10.76372	.5579730	.3032706	.0078393	.3369263	53.14824	.0095381

Sample Name: M4414-20 Acquired: 01/09/2022 23:49:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.601339	.0864321	-.073143
Stddev	.015091	.0013028	.002635
%RSD	.9424294	1.507261	3.602911

#1	1.602537	.0858843	-.076152
#2	1.585684	.0854927	-.072031
#3	1.615796	.0879193	-.071247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.203	45410.90	6982.819	1258.438	1939.715
Stddev	2.718	688.22	41.508	23.850	1.504
%RSD	.1870601	1.515541	.5944372	1.895207	.0775252

#1	1451.222	44850.63	6943.997	1242.835	1941.082
#2	1456.302	45202.94	7026.573	1246.587	1938.104
#3	1452.085	46179.11	6977.885	1285.893	1939.960

Sample Name: M4414-21 Acquired: 01/09/2022 23:53:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947942	-.010350	1.415883	.0247048	.0031399	100.7395	1.715222
Stddev	.0160723	.003218	.005699	.0091361	.0050987	1.0559	.006007
%RSD	16.95498	31.09139	.4025196	36.98093	162.3826	1.048100	.3502397

#1	.1058196	-.006687	1.422406	.0348227	.0090261	101.2617	1.721584
#2	.1022103	-.012720	1.413376	.0170594	.0000872	99.5243	1.709646
#3	.0763529	-.011644	1.411866	.0222324	.0003066	101.4325	1.714437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153621	.0849712	50.75601	.1673474	.1022383	.2932273	233.4258
Stddev	.0000772	.0000603	.18837	.0004126	.0003534	.0035683	2.0508
%RSD	.5025277	.0709476	.3711328	.2465644	.3456936	1.216918	.8785739

#1	.0154360	.0850040	50.92442	.1677371	.1022473	.2955064	234.1783
#2	.0153683	.0850081	50.55259	.1673899	.1025872	.2891150	231.1050
#3	.0152820	.0849017	50.79102	.1669152	.1018805	.2950605	234.9940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.295237	25.23602	.2310327	-.019381	1.976359	.3334624	8.111400
Stddev	.073206	.10552	.0002494	.000217	.076703	.0055743	.099517
%RSD	.8825051	.4181358	.1079309	1.118808	3.881035	1.671628	1.226884

#1	8.326467	25.31095	.2307527	-.019446	1.941854	.3373129	8.207156
#2	8.211595	25.11534	.2312309	-.019557	2.064255	.3270703	8.118540
#3	8.347648	25.28176	.2311144	-.019139	1.922969	.3360039	8.008505

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94425	.5562417	.2938049	.0073876	.3287327	53.38811	.0072399
Stddev	.09928	.0032681	.0010145	.0003789	.0016782	.54343	.0019593
%RSD	.9071856	.5875226	.3452992	5.128762	.5105185	1.017878	27.06168

#1	10.94165	.5590215	.2947334	.0071992	.3302182	53.07123	.0075181
#2	10.84630	.5570620	.2927220	.0071398	.3290676	53.07749	.0090453
#3	11.04482	.5526417	.2939593	.0078237	.3269122	54.01559	.0051565

Sample Name: M4414-21 Acquired: 01/09/2022 23:53:35 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA44D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.563778	.0846174	-.074723
Stddev	.001614	.0007422	.002099
%RSD	.1031871	.8770722	2.809215

#1	1.564702	.0853603	-.075328
#2	1.564718	.0846161	-.072388
#3	1.561915	.0838760	-.076453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.421	45327.09	6974.208	1271.001	1934.476
Stddev	4.169	390.02	5.970	14.212	5.569
%RSD	.2876091	.8604581	.0856036	1.118144	.2878650

#1	1445.360	45070.55	6977.753	1265.978	1928.481
#2	1449.213	45134.81	6967.315	1259.984	1935.459
#3	1453.690	45775.92	6977.556	1287.043	1939.488

Sample Name: M4414-20LX5 Acquired: 01/09/2022 23:57:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203948	-.000332	.2734627	.0027317	-.004064	21.09955	.3653154
Stddev	.0029835	.005101	.0001192	.0034002	.002633	.38402	.0071783
%RSD	14.62871	1538.524	.0435818	124.4751	64.78872	1.820028	1.964964

#1	.0170908	.000425	.2735813	.0050971	-.002209	20.87778	.3594041
#2	.0228918	.004349	.2733430	-.001165	-.002906	20.87789	.3632391
#3	.0212018	-.005768	.2734639	.004263	-.007078	21.54297	.3733030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031520	.0160211	10.92724	.0355884	.0187094	.0617914	50.12482
Stddev	.0001010	.0001043	.19534	.0002975	.0002804	.0022300	1.03119
%RSD	3.204348	.6510149	1.787618	.8359202	1.498778	3.608842	2.057246

#1	.0031614	.0160818	10.78120	.0355292	.0184196	.0595520	49.59727
#2	.0030466	.0159007	10.85140	.0353250	.0187291	.0618106	49.46414
#3	.0032480	.0160809	11.14913	.0359111	.0189794	.0640118	51.31305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.784141	5.342153	.0437347	-.003999	.6186922	.0748407	1.773677
Stddev	.034487	.164894	.0003205	.000145	.2477555	.0037341	.091911
%RSD	1.932969	3.086662	.7327583	3.631222	40.04503	4.989376	5.181957

#1	1.766918	5.273050	.0435386	-.003842	.7811150	.0706528	1.790037
#2	1.761658	5.223054	.0435609	-.004025	.7414341	.0778231	1.856310
#3	1.823847	5.530356	.0441045	-.004128	.3335276	.0760464	1.674685

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454675	.1027282	.0628818	.0015207	.0612458	11.41342	-.012994
Stddev	.080126	.0002980	.0021444	.0001171	.0006411	.44665	.002439
%RSD	3.264212	.2900894	3.410223	7.703284	1.046733	3.913388	18.76914

#1	2.401927	.1024566	.0630781	.0014269	.0619438	11.25983	-.015500
#2	2.415220	.1030470	.0606460	.0014833	.0611102	11.06382	-.010628
#3	2.546877	.1026809	.0649214	.0016520	.0606833	11.91660	-.012853

Sample Name: M4414-20LX5 Acquired: 01/09/2022 23:57:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3356635	.0171639	-.016109
Stddev	.0079259	.0007681	.000364
%RSD	2.361276	4.474985	2.260100

#1	.3284308	.0166120	-.016161
#2	.3344233	.0180411	-.015721
#3	.3441365	.0168386	-.016443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1309.813	40356.29	6155.820	1129.325	1999.322
Stddev	3.428	386.69	132.616	23.721	5.807
%RSD	.2617434	.9582012	2.154315	2.100486	.2904259

#1	1306.264	40197.78	6187.675	1113.738	1992.725
#2	1313.106	40074.03	6269.607	1117.612	2001.583
#3	1310.068	40797.05	6010.178	1156.624	2003.658

Sample Name: M4414-22 Acquired: 01/10/2022 0:01:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1828797	.0740060	1.495098	.1750913	.0270972	119.3615	5.695845
Stddev	.0116405	.0076681	.004009	.0113256	.0003884	1.2137	.013547
%RSD	6.365090	10.36150	.2681642	6.468393	1.433421	1.016799	.2378475

#1	.1699401	.0704348	1.491013	.1881425	.0274873	120.3017	5.687640
#2	.1861991	.0687748	1.495254	.1678458	.0270937	119.7915	5.711482
#3	.1924998	.0828084	1.499027	.1692855	.0267105	117.9914	5.688414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1148367	.2014384	42.04548	.6233966	1.201142	.7512510	281.0347
Stddev	.0009851	.0005072	.13976	.0026206	.002561	.0090695	2.3757
%RSD	.8578052	.2517722	.3323952	.4203693	.2132171	1.207256	.8453408

#1	.1150731	.2010497	42.08048	.6204491	1.199393	.7581157	283.2310
#2	.1156820	.2012534	42.16441	.6242774	1.199950	.7546679	281.3601
#3	.1137549	.2020121	41.89155	.6254632	1.204081	.7409693	278.5131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05190	25.97586	1.357320	.0673437	1.839101	1.365196	9.463963
Stddev	.05589	.21634	.002753	.0003265	.323758	.011759	.109497
%RSD	.5560624	.8328506	.2028585	.4847801	17.60413	.8613363	1.156987

#1	10.10568	26.08434	1.355509	.0677199	1.964899	1.375789	9.354198
#2	10.05592	26.11649	1.355962	.0671343	2.081079	1.367255	9.573189
#3	9.99411	25.72674	1.360489	.0671771	1.471325	1.352543	9.464502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.74078	.5981338	.3056297	.0084636	.2466524	43.27206	.0225099
Stddev	.24056	.0002907	.0024378	.0006678	.0008276	.36320	.0025486
%RSD	1.888107	.0486068	.7976361	7.889937	.3355248	.8393330	11.32223

#1	12.99550	.5982365	.3084446	.0089272	.2462727	43.12611	.0245455
#2	12.70940	.5978057	.3042105	.0076982	.2460828	43.68552	.0233326
#3	12.51746	.5983593	.3042340	.0087653	.2476017	43.00453	.0196515

Sample Name: M4414-22 Acquired: 01/10/2022 0:01:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.356401	.0949037	-.118757
Stddev	.022237	.0025289	.002273
%RSD	.9437013	2.664658	1.913752

#1	2.332313	.0939048	-.120920
#2	2.360743	.0930268	-.118962
#3	2.376147	.0977794	-.116388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.215	45323.39	7083.806	1250.969	1901.438
Stddev	3.765	185.35	46.655	7.295	3.896
%RSD	.2601585	.4089603	.6586082	.5831239	.2049229

#1	1451.561	45196.74	7062.338	1247.357	1905.913
#2	1445.122	45536.14	7051.751	1259.364	1899.604
#3	1444.961	45237.31	7137.331	1246.184	1898.796

Sample Name: CCV062 Acquired: 01/10/2022 0:05:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.112941	4.939980	24.57597	4.868099	4.877010	402.3331
Stddev	.045246	.012596	.02167	.012348	.004385	3.0722
%RSD	.8849337	.2549885	.0881896	.2536523	.0899138	.7635892

#1	5.062952	4.927860	24.56294	4.859617	4.881570	399.8921
#2	5.124782	4.939077	24.56399	4.882266	4.872823	401.3245
#3	5.151090	4.953004	24.60099	4.862415	4.876637	405.7828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09083	.5097153	2.477862	397.1298	15.25502	2.496806
Stddev	.03337	.0024259	.000268	.8858	.02808	.002421
%RSD	.3306802	.4759268	.0108196	.2230505	.1840710	.0969793

#1	10.12754	.5069632	2.477860	396.1180	15.28248	2.494074
#2	10.06234	.5115434	2.478132	397.7655	15.25621	2.497656
#3	10.08262	.5106394	2.477595	397.5060	15.22636	2.498687

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01523	399.9060	14.82021	389.7097	2.488643	1.233849
Stddev	.28883	1.8936	.07521	1.7537	.001468	.004380
%RSD	1.923598	.4735068	.5075040	.4499955	.0589862	.3549626

#1	14.72251	398.0899	14.74616	388.1987	2.488089	1.228794
#2	15.02318	399.7595	14.81794	389.2978	2.487532	1.236237
#3	15.30001	401.8685	14.89654	391.6327	2.490307	1.236516

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.5962	2.488201	13.98340	151.5809	F 5.934794	5.167526
Stddev	.2361	.005331	.46050	3.1566	.017685	.016045
%RSD	.0598379	.2142684	3.293159	2.082432	.2979849	.3105004

#1	394.3248	2.493033	14.03903	148.1192	5.916586	5.152476
#2	394.7543	2.482482	13.49762	152.3238	5.935890	5.184409
#3	394.7095	2.489087	14.41355	154.2998	5.951905	5.165692

Sample Name: CCV062 Acquired: 01/10/2022 0:05:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860517	5.248033	5.010244	5.023230	4.959465	5.040082
Stddev	.004835	.007403	.009634	.020243	.015135	.013188
%RSD	.0994660	.1410714	.1922802	.4029873	.3051676	.2616713
#1	4.857213	5.242525	5.001007	5.023717	4.955799	5.054756
#2	4.858273	5.245126	5.020230	5.002748	4.976095	5.036271
#3	4.866066	5.256449	5.009495	5.043225	4.946499	5.029218

Elem	Sr4077
Units	ppm
Avg	4.749734
Stddev	.010247
%RSD	.2157288
#1	4.741059
#2	4.747103
#3	4.761039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.954	36127.37	5822.679	945.3054	1531.488
Stddev	.314	290.20	64.597	9.7576	.885
%RSD	.0294467	.8032753	1.109398	1.032215	.0577890
#1	1066.007	36456.34	5895.355	956.2151	1531.970
#2	1066.238	35907.65	5771.800	942.2885	1532.028
#3	1065.617	36018.12	5800.883	937.4125	1530.467

Sample Name: CCB062 Acquired: 01/10/2022 0:09:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000259	-.001856	-.002341	.0016234	-.001594	.0137732	-.000412
Stddev	.005397	.005342	.003025	.0011713	.004428	.0097026	.000488
%RSD	2084.716	287.8675	129.2360	72.15112	277.8106	70.44548	118.4854

#1	.005966	-.006972	-.005369	.0026521	-.000028	.0143849	-.000971
#2	-.003109	-.002281	-.002335	.0018694	-.006592	.0037792	-.000074
#3	-.003634	.003686	.000681	.0003486	.001839	.0231554	-.000190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	.0000656	.0232575	.0005625	-.000118	.0044584	-.000868
Stddev	.000069	.0000595	.0173872	.0005757	.000140	.0010415	.004997
%RSD	83.48856	90.72518	74.75963	102.3503	118.0575	23.36048	575.9608

#1	-.000156	.0000921	.0065662	.0000831	-.000242	.0052877	.004231
#2	-.000074	-.000003	.0412657	.0012010	-.000147	.0047979	-.001077
#3	-.000018	.000107	.0219406	.0004033	.000033	.0032895	-.005757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002020	.0301720	.0001060	.0000536	.3828984	-.000610	.0037358
Stddev	.0001812	.0129734	.0005151	.0002688	.2046807	.002456	.0080417
%RSD	89.67521	42.99833	486.0908	501.4812	53.45563	402.7609	215.2572

#1	.0000397	.0324517	.0006520	-.000091	.2316648	-.003357	-.002271
#2	.0003974	.0162098	-.000371	-.000112	.3012240	.000153	.000606
#3	.0001689	.0418545	.000037	.000364	.6158063	.001374	.012872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902737	-.001352	.0055673	.0009379	.0004093	.0030046	.0020746
Stddev	.1391302	.000340	.0004667	.0006132	.0006555	.0022538	.0014005
%RSD	73.12109	25.18515	8.383231	65.37247	160.1673	75.01139	67.50548

#1	.0324178	-.001171	.0060586	.0015326	.0003557	.0049645	.0015144
#2	.2433491	-.001140	.0051297	.0009733	-.000218	.0035075	.0036685
#3	.2950541	-.001744	.0055136	.0003079	.001090	.0005418	.0010410

Sample Name: CCB062 Acquired: 01/10/2022 0:09:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019179	.0001042	-.000044
Stddev	.0010773	.0008618	.000150
%RSD	56.17307	827.2970	336.3754

#1	.0006840	-.000137	.000049
#2	.0026717	.001061	.000034
#3	.0023979	-.000611	-.000217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.027	39095.03	6055.467	1094.572	2046.814
Stddev	1.539	339.51	18.815	17.532	2.229
%RSD	.1205474	.8684133	.3107125	1.601741	.1089175

#1	1276.067	39129.41	6033.875	1083.018	2044.842
#2	1276.211	39416.04	6068.350	1114.746	2049.233
#3	1278.803	38739.65	6064.175	1085.953	2046.367

Sample Name: M4417-01 Acquired: 01/10/2022 0:13:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312910	-.003743	4.562756	.0311784	.0088627	102.9204	1.503383
Stddev	.0051427	.005306	.002190	.0075204	.0018432	.4106	.006033
%RSD	3.917051	141.7781	.0479883	24.12045	20.79680	.3989617	.4013239

#1	.1286768	-.007865	4.562715	.0228597	.0089731	102.5643	1.508411
#2	.1372157	-.005607	4.564966	.0331803	.0106482	103.3696	1.496693
#3	.1279806	.002244	4.560588	.0374953	.0069668	102.8274	1.505045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342082	.1323058	152.6177	.1731873	.1354649	.5049818	272.5450
Stddev	.0002280	.0000506	.2629	.0004822	.0008222	.0069080	1.2972
%RSD	.6663644	.0382505	.1722538	.2784328	.6069767	1.367972	.4759528

#1	.0339671	.1323121	152.7000	.1729034	.1354517	.4986506	271.6646
#2	.0344203	.1323529	152.8297	.1737440	.1346493	.5123495	274.0346
#3	.0342370	.1322523	152.3236	.1729143	.1362936	.5039453	271.9357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.829121	35.24595	.3356344	-.021265	4.010677	.2843683	11.95028
Stddev	.026284	.09010	.0005143	.000157	.222697	.0015457	.08996
%RSD	.2976999	.2556285	.1532262	.7365335	5.552600	.5435679	.7528041

#1	8.817191	35.25612	.3358166	-.021437	4.229626	.2840248	12.04148
#2	8.859255	35.33054	.3360327	-.021226	3.784413	.2830232	11.94773
#3	8.810918	35.15120	.3350538	-.021131	4.017991	.2860569	11.86161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51984	.7489968	.8407242	.0169778	.8456659	46.54473	.0334038
Stddev	.15330	.0024229	.0025586	.0000264	.0050992	.35018	.0021101
%RSD	1.330780	.3234879	.3043297	.1553961	.6029788	.7523587	6.316836

#1	11.40649	.7478412	.8384982	.0169500	.8423951	46.17607	.0350792
#2	11.69427	.7473680	.8435195	.0169809	.8430612	46.58520	.0310341
#3	11.45876	.7517812	.8401548	.0170026	.8515413	46.87292	.0340981

Sample Name: M4417-01 Acquired: 01/10/2022 0:13:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8361405	.0740708	.0579906
Stddev	.0077516	.0006473	.0015987
%RSD	.9270750	.8738733	2.756909

#1	.8441819	.0735815	.0596515
#2	.8355243	.0738262	.0564622
#3	.8287154	.0748047	.0578580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.225	48593.56	7569.169	1339.585	1848.378
Stddev	2.349	526.70	3.296	10.355	2.003
%RSD	.1531905	1.083899	.0435457	.7729836	.1083561

#1	1533.588	48175.43	7570.392	1327.707	1850.684
#2	1535.371	48420.13	7565.436	1344.331	1847.378
#3	1530.716	49185.11	7571.678	1346.716	1847.072

Sample Name: M4417-02 Acquired: 01/10/2022 0:17:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1504204	.0004434	4.451935	.0314237	.0073485	109.8668	1.640206
Stddev	.0102233	.0056867	.076901	.0074358	.0011108	.2114	.009190
%RSD	6.796504	1282.406	1.727363	23.66320	15.11609	.1924201	.5603101

#1	.1387599	.0019965	4.540729	.0308270	.0060659	109.6780	1.630582
#2	.1578447	.0051923	4.408176	.0391399	.0079911	109.8272	1.648890
#3	.1546565	-.005858	4.406899	.0243041	.0079886	110.0952	1.641147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264777	.1361335	179.9641	.1744684	.1874171	.5482664	280.9415
Stddev	.0001797	.0026363	.4042	.0002137	.0033808	.0026951	.5431
%RSD	.6788461	1.936522	.2246080	.1225016	1.803885	.4915617	.1933061

#1	.0263395	.1391774	179.5180	.1744421	.1912833	.5494570	280.3160
#2	.0264128	.1345823	180.3060	.1742691	.1859523	.5451810	281.2936
#3	.0266809	.1346407	180.0683	.1746941	.1850157	.5501610	281.2148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.98627	28.45425	.3668441	-.023084	3.155325	.3004681	11.64231
Stddev	.04582	.15819	.0053507	.000162	.032766	.0047246	.09118
%RSD	.3528231	.5559389	1.458575	.7004109	1.038445	1.572421	.7832062

#1	12.93647	28.34129	.3729362	-.023082	3.185708	.2950329	11.73581
#2	13.02665	28.63504	.3629067	-.022924	3.159659	.3035933	11.63748
#3	12.99569	28.38641	.3646893	-.023247	3.120607	.3027780	11.55364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.61288	.8613118	.5819619	.0195763	.6786158	49.82409	.0738970
Stddev	.29009	.0157435	.0023215	.0003088	.0112293	.37809	.0025800
%RSD	2.299957	1.827850	.3989087	1.577415	1.654731	.7588587	3.491398

#1	12.73409	.8792582	.5820305	.0196656	.6914908	49.84299	.0768757
#2	12.28185	.8498279	.5842483	.0198307	.6708473	49.43689	.0723625
#3	12.82272	.8548495	.5796068	.0192327	.6735092	50.19237	.0724527

Sample Name: M4417-02 Acquired: 01/10/2022 0:17:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5248961	.0845911	.0891304
Stddev	.0066511	.0001445	.0015294
%RSD	1.267135	.1708203	1.715932

#1	.5182834	.0845511	.0874240
#2	.5315851	.0844708	.0903775
#3	.5248199	.0847514	.0895898

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.468	48007.75	7531.871	1316.840	1835.015
Stddev	16.846	214.53	56.954	6.411	24.645
%RSD	1.108670	.4468568	.7561684	.4868128	1.343029

#1	1500.034	48082.32	7527.969	1310.601	1806.560
#2	1528.479	48175.04	7590.675	1323.409	1848.917
#3	1529.893	47765.89	7476.968	1316.511	1849.568

Sample Name: M4417-03 Acquired: 01/10/2022 0:21:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1613232	-.001851	.7680621	.0358370	.0031836	99.37114	1.486603
Stddev	.0154198	.001976	.0055759	.0071826	.0014370	.31289	.003204
%RSD	9.558329	106.7167	.7259706	20.04241	45.13719	.3148718	.2155214

#1	.1446511	-.000490	.7649768	.0329348	.0036210	99.08823	1.489179
#2	.1642462	-.004118	.7647108	.0440166	.0015787	99.70720	1.487615
#3	.1750723	-.000947	.7744988	.0305596	.0043510	99.31798	1.483015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103757	.0094997	59.86707	.1648707	.1633301	.1777291	188.1679
Stddev	.0001253	.0003090	.14008	.0003497	.0005771	.0016644	.4408
%RSD	1.207753	3.252205	.2339797	.2121126	.3533146	.9364889	.2342353

#1	.0104266	.0091430	59.77170	.1649385	.1631566	.1780383	187.7415
#2	.0104676	.0096839	60.02789	.1651815	.1628598	.1792173	188.6217
#3	.0102330	.0096723	59.80160	.1644920	.1639741	.1759318	188.1405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.48237	19.03377	.3174045	-.017089	1.555901	.2550170	1.535778
Stddev	.05506	.01936	.0015249	.000218	.161778	.0022524	.051538
%RSD	.2826285	.1017187	.4804242	1.275117	10.39768	.8832202	3.355849

#1	19.44226	19.02208	.3157666	-.017340	1.742676	.2557407	1.484514
#2	19.54515	19.02312	.3176638	-.016977	1.465369	.2568185	1.535235
#3	19.45971	19.05612	.3187831	-.016950	1.459658	.2524917	1.587586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.98362	.6117595	.2352867	.0124646	.2286218	52.55907	-.014648
Stddev	.07519	.0023599	.0037076	.0005233	.0015028	.76025	.003297
%RSD	.5790990	.3857514	1.575781	4.198284	.6573250	1.446467	22.50829

#1	12.99105	.6101877	.2324653	.0123541	.2291170	53.20233	-.017964
#2	13.05482	.6106176	.2339088	.0130343	.2298145	52.75477	-.014609
#3	12.90500	.6144731	.2394859	.0120054	.2269339	51.72010	-.011370

Sample Name: M4417-03 Acquired: 01/10/2022 0:21:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6038132	.0851201	-.011159
Stddev	.0018160	.0008642	.000501
%RSD	.3007554	1.015215	4.491933

#1	.6053042	.0858859	-.010673
#2	.6043446	.0852912	-.011131
#3	.6017908	.0841832	-.011674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.006	47403.15	7310.086	1329.155	1925.049
Stddev	4.364	259.85	26.497	27.791	7.348
%RSD	.2878360	.5481735	.3624654	2.090880	.3817053

#1	1517.488	47702.29	7294.182	1355.053	1925.763
#2	1519.436	47273.81	7295.403	1332.618	1932.013
#3	1511.094	47233.35	7340.674	1299.795	1917.369

Sample Name: M4417-04 Acquired: 01/10/2022 0:25:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342408	-.006077	4.649271	.0237479	.0032019	116.9096	2.662057
Stddev	.0169388	.005619	.007195	.0072150	.0027662	.4765	.011474
%RSD	12.61820	92.46457	.1547541	30.38183	86.39381	.4076130	.4310043

#1	.1362442	-.012498	4.641458	.0157367	.0056944	117.1881	2.672291
#2	.1163894	-.002063	4.655624	.0297340	.0036856	116.3594	2.649653
#3	.1500888	-.003669	4.650732	.0257730	.0002257	117.1814	2.664227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152522	.0658603	281.7271	.2880576	.1810372	.5545613	183.7141
Stddev	.0002492	.0001891	1.1893	.0012299	.0005029	.0063339	.7839
%RSD	1.633735	.2871103	.4221543	.4269525	.2777992	1.142144	.4267165

#1	.0150759	.0657600	282.8876	.2871673	.1807273	.5574914	184.3966
#2	.0151434	.0660784	280.5109	.2894610	.1807668	.5472929	182.8579
#3	.0155373	.0657425	281.7829	.2875447	.1816174	.5588996	183.8879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.328271	39.19994	.4494291	-.013658	1.419397	.1961992	7.320329
Stddev	.040464	.21990	.0011268	.000248	.064570	.0032259	.049382
%RSD	.5521660	.5609778	.2507103	1.814880	4.549132	1.644176	.6745929

#1	7.366618	39.32530	.4482860	-.013391	1.476508	.1999076	7.360645
#2	7.285978	38.94602	.4505388	-.013880	1.349332	.1940411	7.265249
#3	7.332215	39.32849	.4494624	-.013705	1.432351	.1946490	7.335094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.53101	1.443787	.2452312	.0072456	.4416825	51.53487	.0248759
Stddev	.05845	.003347	.0025269	.0006638	.0009428	.20475	.0010908
%RSD	.2992696	.2318384	1.030405	9.161940	.2134667	.3973078	4.384793

#1	19.48805	1.446643	.2466551	.0072753	.4408560	51.34723	.0259601
#2	19.50741	1.440104	.2423136	.0065674	.4414820	51.50412	.0248891
#3	19.59757	1.444615	.2467247	.0078941	.4427094	51.75326	.0237787

Sample Name: M4417-04 Acquired: 01/10/2022 0:25:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2152005	.0925985	.3473333
Stddev	.0004938	.0012684	.0009689
%RSD	.2294463	1.369818	.2789569

#1	.2149327	.0917007	.3477284
#2	.2157703	.0920453	.3462293
#3	.2148985	.0940496	.3480424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.761	45138.36	7124.216	1239.482	1791.030
Stddev	3.898	571.19	42.820	18.042	1.037
%RSD	.2730363	1.265420	.6010453	1.455638	.0578926

#1	1424.212	44594.01	7079.543	1219.062	1790.362
#2	1431.934	45088.00	7164.904	1253.270	1792.224
#3	1427.138	45733.06	7128.200	1246.113	1790.503

Sample Name: M4417-05 Acquired: 01/10/2022 0:29:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1602727	-.000958	6.623822	.0303591	.0042328	102.8336	2.294403
Stddev	.0122059	.006232	.021393	.0058110	.0013934	.7947	.007495
%RSD	7.615705	650.3136	.3229660	19.14075	32.92034	.7727990	.3266643

#1	.1562734	-.007810	6.609128	.0262447	.0058394	102.6252	2.285755
#2	.1739765	.004373	6.613971	.0370067	.0033533	102.1639	2.298454
#3	.1505682	.000562	6.648365	.0278260	.0035057	103.7118	2.299002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157015	.1832124	202.9351	.1985094	.1469886	.5389753	215.8371
Stddev	.0001172	.0003459	.5861	.0066726	.0005361	.0037430	1.8726
%RSD	.7464940	.1888207	.2888147	3.361341	.3647235	.6944710	.8675852

#1	.0156528	.1834467	202.7685	.1909039	.1466334	.5377666	216.1461
#2	.0158352	.1828150	202.4503	.2033801	.1467272	.5359861	213.8292
#3	.0156164	.1833753	203.5864	.2012441	.1476053	.5431734	217.5359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52552	37.65411	.3128804	-.014583	2.320578	.2468523	17.82866
Stddev	.07856	.30562	.0000865	.001598	.058235	.0062172	.90979
%RSD	.7463806	.8116424	.0276500	10.95755	2.509490	2.518572	5.102963

#1	10.53787	37.66660	.3127868	-.012871	2.273338	.2464546	16.80782
#2	10.44151	37.34244	.3128968	-.016035	2.302755	.2408436	18.55387
#3	10.59717	37.95329	.3129575	-.014845	2.385642	.2532588	18.12428

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88386	1.916208	.2917122	.0124578	.5833749	50.05566	.1249106
Stddev	.14283	.002427	.0055296	.0006245	.0027288	.04113	.0033930
%RSD	.8992295	.1266571	1.895561	5.012508	.4677533	.0821709	2.716367

#1	15.95538	1.917705	.2948867	.0123534	.5818045	50.05555	.1237377
#2	15.71939	1.913408	.2853272	.0131278	.5817945	50.09684	.1287345
#3	15.97680	1.917512	.2949226	.0118921	.5865258	50.01458	.1222597

Sample Name: M4417-05 Acquired: 01/10/2022 0:29:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5202364	.0811176	.1990666
Stddev	.0032331	.0009563	.0016452
%RSD	.6214626	1.178881	.8264568

#1	.5202592	.0815196	.1984275
#2	.5234579	.0818073	.2009355
#3	.5169919	.0800259	.1978369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.431	46126.95	7164.877	1269.259	1830.731
Stddev	1.142	1479.50	23.727	45.711	3.361
%RSD	.0789836	3.207451	.3311587	3.601395	.1836011

#1	1445.438	47828.43	7147.175	1321.283	1828.255
#2	1447.680	45143.40	7191.838	1235.523	1834.557
#3	1446.176	45409.03	7155.619	1250.971	1829.379

Sample Name: M4417-06 Acquired: 01/10/2022 0:33:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1472275	.0010100	4.074056	.0274443	.0038688	106.9078	1.854328
Stddev	.0104096	.0032751	.014552	.0097744	.0010323	.9997	.017535
%RSD	7.070398	324.2818	.3571852	35.61536	26.68301	.9351346	.9456007

#1	.1521403	.0002548	4.067618	.0186758	.0049705	106.3168	1.839490
#2	.1352707	.0045967	4.063834	.0379827	.0029238	106.3445	1.849816
#3	.1542715	-.001822	4.090717	.0256745	.0037121	108.0621	1.873677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138718	.1073007	141.9426	.2092162	.1534100	.3820715	198.4500
Stddev	.0001858	.0002186	.9366	.0008854	.0004240	.0014203	1.4951
%RSD	1.339102	.2036911	.6598374	.4232047	.2763855	.3717471	.7533788

#1	.0138254	.1072613	141.5201	.2099784	.1529905	.3804317	197.8143
#2	.0137135	.1071045	141.2918	.2094252	.1534011	.3828625	197.3778
#3	.0140763	.1075362	143.0161	.2082450	.1538384	.3829202	200.1579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.31935	29.16306	.3509940	-.015983	1.780437	.2481290	10.12906
Stddev	.06764	.24242	.0019702	.000377	.190182	.0049270	.22901
%RSD	.5975850	.8312565	.5613133	2.357267	10.68178	1.985672	2.260880

#1	11.29952	29.07232	.3527955	-.015842	1.561065	.2495650	9.96886
#2	11.26384	28.97909	.3488901	-.016410	1.881382	.2426435	10.39136
#3	11.39469	29.43776	.3512964	-.015698	1.898862	.2521785	10.02697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.73333	1.239627	.2444468	.0151999	.5453363	51.89957	.0155614
Stddev	.03711	.003553	.0032425	.0001775	.0001876	.40139	.0012061
%RSD	.2358389	.2866367	1.326463	1.167652	.0343988	.7734059	7.750803

#1	15.70061	1.239565	.2430323	.0153410	.5455240	52.10772	.0142384
#2	15.72574	1.236105	.2421519	.0150006	.5453361	51.43685	.0158460
#3	15.77364	1.243210	.2481563	.0152582	.5451488	52.15413	.0165997

Sample Name: M4417-06 Acquired: 01/10/2022 0:33:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5322411	.0874496	.1327657
Stddev	.0014512	.0006130	.0007523
%RSD	.2726505	.7009961	.5666432

#1	.5330610	.0867905	.1323860
#2	.5305656	.0880026	.1336322
#3	.5330967	.0875557	.1322789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.592	45928.30	7174.961	1263.942	1869.773
Stddev	2.288	264.57	22.893	7.106	5.067
%RSD	.1562139	.5760461	.3190658	.5622145	.2709897

#1	1462.514	46133.10	7180.925	1269.650	1865.994
#2	1467.044	45629.59	7194.281	1255.983	1875.531
#3	1464.218	46022.22	7149.676	1266.193	1867.794

Sample Name: M4417-07 Acquired: 01/10/2022 0:37:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1831347	-.005032	2.287610	.0315898	.0022072	112.0432	1.634876
Stddev	.0115605	.002015	.004321	.0027922	.0026876	.5879	.004551
%RSD	6.312557	40.04384	.1888762	8.839011	121.7671	.5247383	.2783430

#1	.1900473	-.005011	2.291975	.0288266	.0023092	111.4377	1.630571
#2	.1895682	-.003028	2.283335	.0344102	.0048423	112.6118	1.634419
#3	.1697887	-.007057	2.287519	.0315325	-.000530	112.0800	1.639637

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152024	.1178752	86.80929	.1725458	.1830524	.3494371	197.0465
Stddev	.0000609	.0004915	.39923	.0005795	.0002075	.0036923	.8889
%RSD	.4009419	.4169435	.4598967	.3358796	.1133761	1.056643	.4511116

#1	.0152620	.1176676	86.34839	.1721662	.1828132	.3532385	196.1295
#2	.0151402	.1175217	87.04783	.1732129	.1831598	.3492083	197.9043
#3	.0152051	.1184364	87.03164	.1722583	.1831843	.3458645	197.1057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.39142	25.26878	.3665878	-.016234	1.728682	.2433650	9.844476
Stddev	.09228	.11681	.0006010	.000313	.319957	.0013210	.066189
%RSD	.6891184	.4622732	.1639300	1.925797	18.50870	.5428209	.6723481

#1	13.28577	25.15351	.3668838	-.016398	1.952057	.2422567	9.886145
#2	13.45627	25.38707	.3658963	-.015874	1.362141	.2448268	9.768155
#3	13.43223	25.26575	.3669833	-.016431	1.871847	.2430115	9.879128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.22716	.8515990	.2373531	.0164559	.3504076	54.30458	.0214579
Stddev	.14089	.0004850	.0016187	.0002538	.0021139	.45025	.0025527
%RSD	.9903165	.0569525	.6819907	1.542530	.6032629	.8291220	11.89659

#1	14.19538	.8510438	.2357057	.0162544	.3519661	53.93574	.0185745
#2	14.38123	.8518128	.2374121	.0163722	.3480014	54.80633	.0234300
#3	14.10487	.8519404	.2389415	.0167410	.3512551	54.17169	.0223690

Sample Name: M4417-07 Acquired: 01/10/2022 0:37:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2398172	.0823636	.0607285
Stddev	.0016253	.0002056	.0005237
%RSD	.6777117	.2496539	.8623895

#1	.2379452	.0825484	.0601798
#2	.2408681	.0821421	.0607827
#3	.2406384	.0824004	.0612231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.573	47064.07	7287.021	1309.088	1903.113
Stddev	3.951	177.63	75.416	4.354	2.036
%RSD	.2639955	.3774307	1.034938	.3326276	.1069851

#1	1492.841	46943.59	7348.335	1314.032	1901.214
#2	1496.167	46980.54	7202.810	1305.824	1902.863
#3	1500.711	47268.07	7309.917	1307.408	1905.263

Sample Name: M4417-08 Acquired: 01/10/2022 0:41:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1201036	-.006329	.7750718	.0279671	.0074783	129.4680	1.506051
Stddev	.0088520	.003478	.0077971	.0044297	.0007554	.4320	.003375
%RSD	7.370285	54.95383	1.005982	15.83913	10.10056	.3336761	.2240991

#1	.1099099	-.010320	.7808820	.0258150	.0066155	129.5324	1.504846
#2	.1258519	-.004731	.7662105	.0250246	.0077993	129.8642	1.503444
#3	.1245488	-.003938	.7781227	.0330618	.0080201	129.0074	1.509863

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123874	.0286041	70.74419	.2130433	.1809448	.2458153	237.0467
Stddev	.0002757	.0004146	.10112	.0003743	.0018064	.0058283	.4923
%RSD	2.225414	1.449341	.1429444	.1756810	.9983339	2.370989	.2076761

#1	.0127029	.0290310	70.62834	.2127406	.1830164	.2465850	236.7229
#2	.0121929	.0282030	70.78944	.2134618	.1801204	.2512205	237.6132
#3	.0122665	.0285784	70.81479	.2129274	.1796977	.2396405	236.8041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.67996	37.82123	.3792780	-.020590	1.451709	.3627672	3.054081
Stddev	.01867	.07003	.0021241	.000696	.158613	.0015703	.032040
%RSD	.1598744	.1851504	.5600459	3.378655	10.92597	.4328640	1.049086

#1	11.66605	37.85521	.3817092	-.019816	1.450160	.3639837	3.058812
#2	11.70118	37.86778	.3777814	-.021162	1.293876	.3633235	3.083493
#3	11.67264	37.74070	.3783436	-.020793	1.611091	.3609945	3.019939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11475	.6636509	.2390719	.0075198	.2485200	50.22464	-.004996
Stddev	.11450	.0079624	.0079576	.0004322	.0019160	.63855	.001078
%RSD	.7575352	1.199789	3.328551	5.746890	.7709592	1.271388	21.58001

#1	15.18253	.6727410	.2299019	.0073749	.2506236	50.88520	-.005038
#2	15.17918	.6603004	.2441644	.0080058	.2468748	50.17805	-.006052
#3	14.98255	.6579112	.2431494	.0071787	.2480614	49.61066	-.003897

Sample Name: M4417-08 Acquired: 01/10/2022 0:41:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8865619	.1250003	-.024979
Stddev	.0027056	.0017356	.001023
%RSD	.3051732	1.388440	4.094229

#1	.8850784	.1230016	-.023903
#2	.8896847	.1261258	-.025939
#3	.8849226	.1258736	-.025095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.203	46365.52	7326.163	1294.751	1885.159
Stddev	14.420	117.53	90.798	1.922	19.913
%RSD	.9741902	.2534815	1.239361	.1484409	1.056296

#1	1464.199	46370.12	7237.728	1296.093	1862.414
#2	1492.184	46245.76	7321.610	1295.611	1899.452
#3	1484.227	46480.69	7419.151	1292.550	1893.610

Sample Name: M4417-09 Acquired: 01/10/2022 0:45:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889505	-.004325	.9008233	.0466063	.0072427	112.6663	3.294527
Stddev	.0159365	.008177	.0016614	.0042227	.0023584	.7234	.010501
%RSD	8.434214	189.0678	.1844283	9.060277	32.56296	.6420570	.3187546

#1	.2028841	-.012798	.8997401	.0513109	.0077294	112.4664	3.306170
#2	.1715740	.003521	.9027361	.0453633	.0093198	112.0639	3.285773
#3	.1923934	-.003698	.8999936	.0431446	.0046789	113.4687	3.291636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132219	.0380536	94.83374	.1951565	.1952864	.2552740	290.8375
Stddev	.0002363	.0001762	.17466	.0005427	.0012322	.0017260	1.6547
%RSD	1.787432	.4630406	.1841762	.2780963	.6309706	.6761412	.5689374

#1	.0130002	.0382299	94.84854	.1945303	.1961001	.2564312	290.0354
#2	.0134706	.0378775	94.65215	.1954478	.1938687	.2561007	289.7367
#3	.0131948	.0380534	95.00053	.1954914	.1958903	.2532901	292.7403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.83831	43.23604	.3576098	-.025662	1.596446	.4030282	3.703101
Stddev	.09085	.28340	.0012340	.000767	.268252	.0046654	.115616
%RSD	.4822695	.6554761	.3450707	2.990045	16.80310	1.157575	3.122142

#1	18.77129	42.95601	.3566542	-.025310	1.803434	.4074102	3.613084
#2	18.80192	43.22941	.3590029	-.026542	1.692517	.4035509	3.662730
#3	18.94171	43.52270	.3571722	-.025134	1.293387	.3981235	3.833490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.42632	.7279581	.3087489	.0102115	.3297101	50.35143	.0017444
Stddev	.12177	.0018483	.0039579	.0001114	.0022090	.09336	.0012814
%RSD	.9069206	.2539014	1.281904	1.090648	.6699837	.1854195	73.46075

#1	13.41110	.7284986	.3103259	.0101652	.3322524	50.34036	.0015826
#2	13.31287	.7258999	.3042457	.0103386	.3286182	50.26410	.0030990
#3	13.55498	.7294760	.3116752	.0101308	.3282596	50.44983	.0005515

Sample Name: M4417-09 Acquired: 01/10/2022 0:45:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.124910	.1158037	-.000324
Stddev	.001631	.0020765	.001070
%RSD	.1449966	1.793141	330.3852

#1	1.125362	.1177826	-.000961
#2	1.126267	.1136417	.000911
#3	1.123100	.1159868	-.000922

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.024	46614.80	7281.486	1280.048	1880.071
Stddev	.899	239.56	47.363	10.749	1.555
%RSD	.0605247	.5139096	.6504550	.8397162	.0826901

#1	1486.724	46838.76	7288.510	1280.676	1881.769
#2	1486.338	46643.42	7324.945	1290.468	1879.729
#3	1485.010	46362.22	7231.004	1268.998	1878.716

Sample Name: M4417-10 Acquired: 01/10/2022 0:49:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1218267	-.010477	.7270454	.0285087	.0029765	117.6082	1.385858
Stddev	.0186668	.003933	.0013026	.0018834	.0025969	.1019	.001514
%RSD	15.32246	37.54127	.1791688	6.606270	87.24904	.0866463	.1092272

#1	.1082753	-.006322	.7260247	.0268953	.0019347	117.7167	1.384582
#2	.1431186	-.014143	.7285126	.0280525	.0059326	117.5932	1.387530
#3	.1140862	-.010965	.7265989	.0305782	.0010622	117.5146	1.385460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105688	.0303729	92.33567	.1967397	.1048082	.2491387	217.6534
Stddev	.0000470	.0002265	.22875	.0033405	.0006956	.0022560	.0222
%RSD	.4443073	.7455951	.2477424	1.697948	.6636946	.9055044	.0101883

#1	.0105617	.0305939	92.16387	.1929666	.1053248	.2498009	217.6762
#2	.0106188	.0301414	92.59533	.1993206	.1040173	.2466258	217.6319
#3	.0105257	.0303834	92.24782	.1979318	.1050825	.2509895	217.6522

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.870814	36.85202	.2718219	-.017771	1.420074	.3421317	3.749042
Stddev	.013591	.10271	.0011368	.000378	.068239	.0020344	.058042
%RSD	.1532058	.2787130	.4182077	2.128994	4.805330	.5946350	1.548175

#1	8.876475	36.76314	.2728125	-.017345	1.344872	.3429818	3.797298
#2	8.880660	36.82845	.2705807	-.018068	1.478049	.3398100	3.765194
#3	8.855308	36.96446	.2720726	-.017899	1.437301	.3436031	3.684636

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.88812	.7201218	.2277177	.0061267	.2228639	49.20792	-.000599
Stddev	.06861	.0052790	.0042734	.0001685	.0005729	.66206	.000988
%RSD	.4939915	.7330675	1.876611	2.749617	.2570745	1.345428	164.9808

#1	13.81136	.7199839	.2296162	.0063173	.2223231	48.61505	.000540
#2	13.90956	.7149132	.2228240	.0060649	.2228042	49.92232	-.001228
#3	13.94345	.7254685	.2307129	.0059978	.2234643	49.08640	-.001108

Sample Name: M4417-10 Acquired: 01/10/2022 0:49:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.177776	.1057356	.0440753
Stddev	.003355	.0012289	.0006875
%RSD	.2848458	1.162275	1.559834

#1	1.179783	.1062002	.0448345
#2	1.179642	.1043420	.0434948
#3	1.173903	.1066644	.0438965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.777	46599.81	7319.923	1273.735	1891.210
Stddev	5.481	182.20	49.200	4.263	8.552
%RSD	.3684351	.3909797	.6721391	.3346591	.4522117

#1	1489.023	46785.14	7338.755	1278.214	1891.324
#2	1492.528	46420.92	7264.089	1269.728	1899.705
#3	1481.780	46593.38	7356.926	1273.263	1882.602

Sample Name: M4417-11 Acquired: 01/10/2022 0:53:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254303	-.007460	.7099712	.0345495	.0035732	118.9456	1.383770
Stddev	.0071113	.004942	.0024442	.0078451	.0004660	1.0388	.001766
%RSD	5.669539	66.25303	.3442670	22.70694	13.04225	.8733785	.1275963

#1	.1173498	-.007736	.7097207	.0305792	.0038763	118.3846	1.381897
#2	.1282055	-.002385	.7125310	.0294832	.0038067	120.1443	1.385404
#3	.1307356	-.012258	.7076619	.0435862	.0030366	118.3079	1.384010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105839	.0298734	89.97691	.1993674	.1066778	.2461009	219.4591
Stddev	.0002606	.0001755	.27076	.0019148	.0005039	.0021020	1.1015
%RSD	2.462175	.5875111	.3009249	.9604300	.4723136	.8541276	.5019361

#1	.0108735	.0297343	89.87353	.2013414	.1061006	.2482254	218.7803
#2	.0103682	.0300706	90.28413	.1992431	.1069032	.2440221	220.7301
#3	.0105102	.0298154	89.77307	.1975179	.1070295	.2460553	218.8669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.126035	36.60241	.2737972	-.018678	1.480176	.3442332	3.545417
Stddev	.043925	.08113	.0007789	.000606	.222932	.0045425	.077424
%RSD	.4813208	.2216466	.2844934	3.242853	15.06119	1.319601	2.183769

#1	9.112077	36.61167	.2730625	-.019245	1.692400	.3398105	3.477199
#2	9.175243	36.67850	.2737154	-.018748	1.247891	.3488868	3.629567
#3	9.090784	36.51704	.2746139	-.018040	1.500238	.3440024	3.529484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08760	.7245598	.2248983	.0058873	.2134471	50.27583	-.002580
Stddev	.15137	.0031634	.0033313	.0001493	.0033212	.53059	.002877
%RSD	1.074478	.4366005	1.481248	2.535684	1.555974	1.055362	111.5154

#1	14.08760	.7210165	.2211999	.0059105	.2099540	50.80868	-.001247
#2	14.23897	.7255629	.2276635	.0057278	.2138227	50.27128	-.000611
#3	13.93624	.7271001	.2258316	.0060237	.2165644	49.74753	-.005881

Sample Name: M4417-11 Acquired: 01/10/2022 0:53:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.179011	.1086780	.0400797
Stddev	.007471	.0012102	.0013092
%RSD	.6336443	1.113567	3.266470

#1	1.183399	.1085286	.0408391
#2	1.170385	.1099559	.0385680
#3	1.183249	.1075494	.0408321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.604	46548.36	7230.127	1286.992	1884.859
Stddev	2.744	116.13	46.154	8.208	1.073
%RSD	.1851099	.2494838	.6383512	.6377883	.0569426

#1	1479.439	46510.09	7184.838	1294.388	1884.063
#2	1484.319	46456.20	7228.442	1288.427	1886.079
#3	1484.055	46678.80	7277.099	1278.161	1884.434

Sample Name: M4417-10LX5 Acquired: 01/10/2022 0:57:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312510	-.000413	.1405888	.0059882	-.001109	25.82313	.3061110
Stddev	.0195168	.002687	.0026700	.0052650	.003793	.06487	.0013669
%RSD	62.45164	651.2770	1.899153	87.92256	342.0478	.2511937	.4465411

#1	.0537853	-.000151	.1432378	.0002824	-.001579	25.88512	.3046189
#2	.0197420	.002134	.1406304	.0106584	.002897	25.75572	.3073029
#3	.0202257	-.003221	.1378983	.0070237	-.004645	25.82854	.3064112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024525	.0056863	20.50661	.0444397	.0195407	.0549384	49.19922
Stddev	.0000406	.0000453	.03685	.0003995	.0004289	.0025822	.17686
%RSD	1.656987	.7974475	.1796801	.8988707	2.195063	4.700182	.3594771

#1	.0024304	.0056827	20.51857	.0445128	.0196874	.0553186	49.39360
#2	.0024994	.0056429	20.53599	.0440088	.0190577	.0573094	49.15628
#3	.0024278	.0057334	20.46527	.0447976	.0198771	.0521872	49.04779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.019481	8.145008	.0524971	-.004247	.3945424	.0761189	.8281782
Stddev	.003153	.008845	.0007617	.000346	.2555825	.0030999	.0255704
%RSD	.1561223	.1085909	1.451000	8.141689	64.77947	4.072481	3.087548

#1	2.022901	8.135403	.0517483	-.004157	.1682627	.0731831	.7995246
#2	2.018850	8.152817	.0524719	-.004629	.6717570	.0793603	.8486754
#3	2.016691	8.146804	.0532711	-.003956	.3436074	.0758131	.8363345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.300673	.1364794	.0513840	.0013692	.0411037	11.31659	-.018664
Stddev	.039652	.0004995	.0005606	.0001920	.0006597	.10035	.002683
%RSD	1.201330	.3660087	1.091028	14.02498	1.604956	.8867458	14.37289

#1	3.341680	.1370359	.0512088	.0011728	.0403421	11.43245	-.019049
#2	3.297809	.1363324	.0520113	.0013784	.0414718	11.26039	-.015811
#3	3.262531	.1360699	.0509319	.0015565	.0414972	11.25694	-.021134

Sample Name: M4417-10LX5 Acquired: 01/10/2022 0:57:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2622153	.0242196	.0087237
Stddev	.0031405	.0014239	.0001378
%RSD	1.197670	5.878974	1.579151

#1	.2589528	.0258540	.0086103
#2	.2652175	.0235568	.0088770
#3	.2624756	.0232479	.0086838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.814	40795.98	6296.411	1130.395	1980.981
Stddev	2.785	226.75	66.449	12.145	4.307
%RSD	.2118256	.5558110	1.055354	1.074433	.2174268

#1	1313.543	40882.01	6236.710	1127.022	1981.659
#2	1318.008	40538.81	6284.520	1120.292	1984.910
#3	1312.891	40967.13	6368.003	1143.870	1976.375

Sample Name: M4417-12 Acquired: 01/10/2022 1:01:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974088	.0772961	.5615539	.1906250	.0176578	139.5869	5.177598
Stddev	.0207595	.0017524	.0010413	.0070683	.0038638	.8447	.009094
%RSD	10.51602	2.267138	.1854348	3.707951	21.88166	.6051134	.1756383

#1	.2067026	.0788281	.5608642	.1891345	.0161661	138.8338	5.170428
#2	.1736261	.0776749	.5610457	.1844208	.0147623	139.4268	5.187827
#3	.2118977	.0753853	.5627517	.1983197	.0220452	140.5002	5.174539

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071379	.1344165	71.62855	.6006411	1.162957	.6878399	234.3523
Stddev	.0002944	.0006237	.23684	.0012438	.003444	.0048142	1.3859
%RSD	.2748369	.4640346	.3306466	.2070732	.2961207	.6999021	.5913903

#1	.1068026	.1350669	71.42442	.5992705	1.166413	.6840991	233.0380
#2	.1072564	.1343592	71.57300	.6016981	1.162931	.6861493	234.2188
#3	.1073546	.1338234	71.88822	.6009547	1.159526	.6932714	235.8002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.55778	32.34275	1.402867	.0668474	1.712349	1.262637	3.750090
Stddev	.05978	.15815	.003383	.0003531	.148092	.010459	.028236
%RSD	.4760423	.4889762	.2411283	.5282884	8.648462	.8283490	.7529310

#1	12.50206	32.20125	1.406326	.0665750	1.855617	1.256948	3.736985
#2	12.55036	32.31353	1.399566	.0672464	1.721566	1.256257	3.782496
#3	12.62093	32.51347	1.402709	.0667207	1.559864	1.274708	3.730788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41212	.6343695	.2452442	.0075832	.1491014	45.77867	-.006023
Stddev	.18444	.0037720	.0009139	.0003348	.0011500	.05308	.002260
%RSD	1.279787	.5946083	.3726656	4.414964	.7712764	.1159583	37.51978

#1	14.48241	.6380981	.2453601	.0079681	.1497072	45.72547	-.007508
#2	14.20286	.6344548	.2442778	.0073594	.1498218	45.77888	-.007138
#3	14.55108	.6305555	.2460946	.0074220	.1477751	45.83164	-.003422

Sample Name: M4417-12 Acquired: 01/10/2022 1:01:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.197567	.1221669	.0108327
Stddev	.002900	.0010718	.0012145
%RSD	.2421705	.8772989	11.21176

#1	1.195050	.1211750	.0114292
#2	1.200739	.1233038	.0116337
#3	1.196914	.1220219	.0094353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.812	46847.85	7198.849	1292.769	1886.309
Stddev	.715	101.48	12.026	7.408	2.078
%RSD	.0479125	.2166068	.1670585	.5730549	.1101635

#1	1492.739	46771.86	7185.542	1284.254	1884.082
#2	1492.135	46963.09	7208.941	1297.739	1886.650
#3	1493.560	46808.61	7202.063	1296.314	1888.195

Sample Name: M4417-13 Acquired: 01/10/2022 1:05:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041445	-.007369	.8954005	.0287448	.0027611	118.3663	3.903364
Stddev	.0061508	.002841	.0067961	.0046559	.0024929	.4859	.016844
%RSD	5.905998	38.54689	.7590034	16.19745	90.28566	.4105232	.4315148

#1	.0997722	-.004099	.9023444	.0275669	.0000418	117.8146	3.884618
#2	.1111777	-.008779	.8950947	.0338765	.0033031	118.7308	3.917224
#3	.1014836	-.009229	.8887625	.0247910	.0049384	118.5534	3.908251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117990	.0291774	91.77322	.1992824	.1042474	.2495093	215.1170
Stddev	.0001796	.0001006	.45552	.0008499	.0005343	.0036542	1.3902
%RSD	1.522302	.3448919	.4963511	.4264794	.5125469	1.464560	.6462623

#1	.0116028	.0291900	91.24998	.1986753	.1047938	.2453443	213.5591
#2	.0118387	.0292712	91.98838	.2002537	.1037261	.2521772	216.2312
#3	.0119554	.0290711	92.08131	.1989182	.1042223	.2510065	215.5609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.950848	33.28182	.2757503	-.017450	1.345758	.3242073	3.828479
Stddev	.061174	.29915	.0016287	.000178	.246951	.0016577	.011926
%RSD	.7694004	.8988363	.5906295	1.021441	18.35035	.5113056	.3115044

#1	7.881552	32.93645	.2767776	-.017635	1.067053	.3223598	3.833395
#2	7.997362	33.45986	.2766009	-.017437	1.432883	.3246973	3.837161
#3	7.973631	33.44915	.2738725	-.017279	1.537337	.3255647	3.814881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.88006	.7237554	.2353531	.0060508	.3099213	49.56835	.0005477
Stddev	.05805	.0033680	.0015775	.0004233	.0008514	.32299	.0052346
%RSD	.4182173	.4653543	.6702528	6.996142	.2747204	.6516129	955.8128

#1	13.93945	.7250843	.2370142	.0061434	.3093396	49.21440	.0018524
#2	13.82345	.7199257	.2351699	.0055889	.3095257	49.84713	.0050065
#3	13.87729	.7262563	.2338753	.0064202	.3108985	49.64351	-.005216

Sample Name: M4417-13 Acquired: 01/10/2022 1:05:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.114791	.1113149	.1342778
Stddev	.017414	.0023781	.0025230
%RSD	1.562101	2.136387	1.878963

#1	1.094683	.1093702	.1313797
#2	1.124861	.1139663	.1354689
#3	1.124828	.1106083	.1359848

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.996	47021.60	7276.615	1302.974	1882.561
Stddev	1.358	186.61	48.116	10.470	2.121
%RSD	.0909329	.3968554	.6612391	.8035503	.1126883

#1	1494.190	47171.11	7329.151	1293.008	1880.700
#2	1493.280	47081.22	7234.690	1302.029	1882.112
#3	1491.520	46812.46	7266.005	1313.884	1884.871

Sample Name: M4417-14 Acquired: 01/10/2022 1:09:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1445104	.0040428	2.659379	.0308508	.0043254	102.3416	1.487447
Stddev	.0061050	.0037976	.006300	.0063329	.0052718	1.2288	.008761
%RSD	4.224614	93.93408	.2369145	20.52767	121.8809	1.200732	.5889838

#1	.1386210	.0003919	2.654022	.0307557	.0003136	101.0360	1.477993
#2	.1508103	.0037647	2.657795	.0372307	.0102963	102.5132	1.489057
#3	.1441000	.0079718	2.666321	.0245659	.0023662	103.4757	1.495291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156639	.1362154	421.2068	.1829593	.1289241	.5217527	236.6671
Stddev	.0002538	.0005586	2.6688	.0001571	.0012038	.0030348	2.7365
%RSD	1.620289	.4101076	.6336155	.0858785	.9337516	.5816623	1.156250

#1	.0154075	.1364870	418.2342	.1831089	.1277943	.5182668	233.7206
#2	.0156691	.1355729	421.9891	.1827956	.1287877	.5231853	237.1518
#3	.0159151	.1365863	423.3970	.1829735	.1301903	.5238061	239.1288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07058	59.66851	.3092628	-.016531	2.478870	.3012755	16.32954
Stddev	.09223	.65369	.0001769	.000492	.320676	.0060502	.30636
%RSD	.9158602	1.095531	.0571925	2.974246	12.93640	2.008200	1.876102

#1	9.96929	58.93782	.3094476	-.017094	2.661030	.2965912	16.56719
#2	10.09273	59.86992	.3090951	-.016315	2.108600	.2991291	16.43765
#3	10.14972	60.19779	.3092457	-.016185	2.666979	.3081063	15.98378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19786	1.116654	.3544566	.0164044	.6189641	42.15535	.0279344
Stddev	.17452	.003124	.0040044	.0007901	.0032759	.68021	.0052918
%RSD	1.077428	.2797651	1.129728	4.816059	.5292522	1.613585	18.94350

#1	15.99640	1.116796	.3516220	.0168190	.6220945	41.47241	.0311899
#2	16.29414	1.113462	.3527102	.0154934	.6155599	42.16085	.0307849
#3	16.30303	1.119705	.3590376	.0169009	.6192378	42.83280	.0218285

Sample Name: M4417-14 Acquired: 01/10/2022 1:09:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.360597	.0969126	.5140803
Stddev	.002374	.0015110	.0017332
%RSD	.1744967	1.559090	.3371519

#1	1.358474	.0952379	.5152486
#2	1.363161	.0973264	.5149036
#3	1.360158	.0981736	.5120889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.464	44694.74	6992.775	1219.691	1733.663
Stddev	1.867	547.61	29.482	21.421	4.843
%RSD	.1340998	1.225233	.4216092	1.756290	.2793453

#1	1390.415	44190.70	7024.466	1201.066	1731.272
#2	1392.906	44616.09	6987.697	1214.906	1739.237
#3	1394.071	45277.43	6966.161	1243.100	1730.481

Sample Name: M4417-15 Acquired: 01/10/2022 1:13:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1340646	-.004397	1.637190	.0330486	.0026934	113.7875	1.723946
Stddev	.0175151	.004459	.006419	.0053156	.0028354	1.5646	.007298
%RSD	13.06465	101.4190	.3920829	16.08417	105.2717	1.374977	.4233033

#1	.1290566	.000710	1.630509	.0375289	.0051430	113.3422	1.727092
#2	.1195989	-.007523	1.643311	.0271752	.0033497	115.5264	1.729143
#3	.1535382	-.006377	1.637750	.0344416	-.000413	112.4939	1.715603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132222	.1399311	143.8828	.1934669	.1185291	.5048894	196.6900
Stddev	.0002036	.0002980	.9103	.0005009	.0009209	.0161819	2.0471
%RSD	1.539512	.2129603	.6326834	.2588909	.7769090	3.205030	1.040757

#1	.0131466	.1400265	143.5369	.1931279	.1194683	.5015291	195.7563
#2	.0134528	.1395970	144.9154	.1940422	.1176278	.5224875	199.0375
#3	.0130673	.1401696	143.1962	.1932304	.1184911	.4906514	195.2763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09830	28.23161	.2746034	-.013746	1.459785	.3069218	13.76868
Stddev	.09326	.28810	.0007417	.000358	.167160	.0015984	.41378
%RSD	.9235446	1.020478	.2700833	2.602800	11.45097	.5207810	3.005226

#1	10.03984	28.12576	.2747923	-.013335	1.366081	.3085218	13.40599
#2	10.20585	28.55767	.2752324	-.013922	1.652777	.3069186	13.68066
#3	10.04920	28.01142	.2737856	-.013982	1.360497	.3053250	14.21938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.58183	1.035780	.2372631	.0082155	.6830994	49.44782	.0129719
Stddev	.54294	.001354	.0015716	.0004212	.0010678	.55972	.0010934
%RSD	2.921911	.1307557	.6623757	5.126398	.1563125	1.131938	8.429095

#1	18.48488	1.034987	.2382324	.0086650	.6840082	49.07316	.0121226
#2	19.16672	1.035009	.2381071	.0081514	.6833667	50.09123	.0142056
#3	18.09389	1.037344	.2354499	.0078300	.6819234	49.17907	.0125874

Sample Name: M4417-15 Acquired: 01/10/2022 1:13:11 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAE1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.209778	.0853730	.1413532
Stddev	.006192	.0001013	.0011831
%RSD	.5117993	.1186152	.8369950

#1	1.205028	.0854261	.1416378
#2	1.207526	.0852563	.1400538
#3	1.216781	.0854368	.1423681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.578	46108.24	7155.415	1275.187	1865.435
Stddev	.760	552.48	100.783	14.982	.821
%RSD	.0520512	1.198228	1.408489	1.174889	.0440346

#1	1460.452	46568.47	7208.350	1289.609	1864.774
#2	1461.393	45495.54	7039.194	1259.702	1866.354
#3	1459.889	46260.73	7218.700	1276.250	1865.175

Sample Name: M4417-16 Acquired: 01/10/2022 1:17:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1269273	-.010405	1.262622	.0204965	.0031346	105.6335	1.432586
Stddev	.0236210	.005204	.002111	.0113798	.0031084	.4927	.002755
%RSD	18.60987	50.01782	.1671637	55.52076	99.16204	.4664049	.1923236

#1	.0999520	-.007754	1.264903	.0080089	.0065845	105.1718	1.429467
#2	.1439083	-.007059	1.260737	.0231984	.0022675	105.5765	1.434689
#3	.1369216	-.016400	1.262228	.0302822	.0005519	106.1522	1.433602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121663	.0752102	198.7632	.1816619	.0913264	.3333957	198.9525
Stddev	.0000489	.0002553	.4027	.0005334	.0000145	.0053862	.6766
%RSD	.4023784	.3393837	.2026155	.2936019	.0158643	1.615547	.3401034

#1	.0121532	.0755049	198.4961	.1814997	.0913364	.3312088	198.5751
#2	.0122206	.0750630	198.5671	.1822576	.0913098	.3294470	198.5487
#3	.0121253	.0750627	199.2264	.1812285	.0913330	.3395314	199.7336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.057384	47.78595	.2589444	-.015987	1.495555	.3029156	7.582315
Stddev	.015105	.13529	.0004458	.000440	.419666	.0025173	.170309
%RSD	.1874721	.2831171	.1721492	2.749670	28.06089	.8310106	2.246133

#1	8.046544	47.74123	.2590366	-.015499	1.746336	.3025138	7.431751
#2	8.050970	47.67869	.2584597	-.016351	1.729264	.3056096	7.548038
#3	8.074638	47.93794	.2593369	-.016112	1.011067	.3006234	7.767155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85390	.9512681	.2431019	.0070976	.5649507	50.10545	.0066671
Stddev	.13437	.0048399	.0030202	.0003145	.0019188	.38876	.0011052
%RSD	.9046086	.5087852	1.242348	4.431360	.3396345	.7758815	16.57761

#1	14.83972	.9509303	.2413226	.0073509	.5644920	49.85424	.0059831
#2	14.72718	.9562681	.2413940	.0067456	.5633029	49.90887	.0079422
#3	14.99479	.9466060	.2465891	.0071964	.5670573	50.55324	.0060761

Sample Name: M4417-16 Acquired: 01/10/2022 1:17:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.287809	.0912540	.2236135
Stddev	.005838	.0009225	.0010516
%RSD	.4532947	1.010855	.4702673

#1	1.293662	.0922280	.2240130
#2	1.281987	.0903937	.2244068
#3	1.287777	.0911403	.2224207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.875	45295.31	7096.494	1247.706	1827.869
Stddev	2.327	225.14	25.544	7.206	2.243
%RSD	.1623015	.4970566	.3599513	.5775044	.1227166

#1	1435.475	45112.59	7088.986	1240.938	1828.690
#2	1434.945	45226.51	7124.950	1255.281	1829.586
#3	1431.205	45546.83	7075.545	1246.900	1825.331

Sample Name: M4417-17 Acquired: 01/10/2022 1:21:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1248330	-.001331	.9500162	.0288441	.0028586	111.0082	1.844278
Stddev	.0058093	.001449	.0017861	.0017837	.0025734	.6341	.004929
%RSD	4.653688	108.9198	.1880078	6.184042	90.02265	.5711994	.2672452

#1	.1314732	.000274	.9495764	.0270967	.0033824	110.8199	1.838588
#2	.1223374	-.001721	.9484910	.0306621	.0051299	110.4895	1.847022
#3	.1206885	-.002545	.9519811	.0287733	.0000636	111.7150	1.847225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111342	.0491148	86.59794	.1732898	.1158074	.2328155	198.4686
Stddev	.0000563	.0001903	.23214	.0007006	.0000596	.0019661	1.0715
%RSD	.5055101	.3875295	.2680625	.4042837	.0515002	.8444704	.5398782

#1	.0111939	.0489075	86.33120	.1740973	.1157725	.2307649	197.5904
#2	.0110821	.0491553	86.70838	.1729280	.1158762	.2329972	198.1530
#3	.0111266	.0492816	86.75424	.1728440	.1157733	.2346844	199.6625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.13360	25.56111	.2414158	-.015130	1.140951	.3107480	5.243510
Stddev	.05572	.06999	.0007410	.000064	.164683	.0027111	.046368
%RSD	.4592217	.2738282	.3069405	.4261197	14.43380	.8724552	.8842913

#1	12.08454	25.50688	.2405868	-.015204	1.101989	.3083889	5.245204
#2	12.12207	25.53633	.2416469	-.015093	1.321621	.3101455	5.196319
#3	12.19418	25.64012	.2420137	-.015093	.999243	.3137098	5.289008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.80798	.5993526	.2244080	.0062748	.3412571	50.64425	.0025718
Stddev	.15337	.0021714	.0022636	.0005603	.0022392	.37729	.0022287
%RSD	1.197467	.3622983	1.008715	8.930121	.6561568	.7449721	86.66066

#1	12.86007	.6015457	.2225316	.0061265	.3389341	51.01602	.0051416
#2	12.63535	.5972035	.2237703	.0058035	.3414354	50.26168	.0011676
#3	12.92853	.5993085	.2269221	.0068943	.3434018	50.65504	.0014062

Sample Name: M4417-17 Acquired: 01/10/2022 1:21:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.058975	.0787965	.0489831
Stddev	.009014	.0016980	.0004104
%RSD	.8512090	2.154871	.8378243

#1	1.052564	.0805477	.0487917
#2	1.069282	.0771574	.0494542
#3	1.055079	.0786844	.0487034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.192	45581.52	7069.045	1266.456	1906.895
Stddev	.533	505.37	15.100	13.599	4.004
%RSD	.0367936	1.108726	.2136022	1.073756	.2099658

#1	1448.566	46072.25	7083.209	1281.606	1911.241
#2	1447.582	45062.67	7070.769	1255.306	1903.357
#3	1448.427	45609.63	7053.158	1262.455	1906.088

Sample Name: M4417-18 Acquired: 01/10/2022 1:25:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359586	-.003696	1.822512	.0324594	.0022373	108.4895	2.024980
Stddev	.0078598	.008259	.003734	.0017647	.0042468	.4335	.003258
%RSD	5.781039	223.4375	.2048608	5.436492	189.8241	.3995328	.1608950

#1	.1444060	.004973	1.825835	.0332891	.0046501	108.9422	2.024564
#2	.1346087	-.011472	1.823229	.0304328	-.002666	108.4482	2.028426
#3	.1288612	-.004589	1.818472	.0336562	.004728	108.0782	2.021950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142722	.1623858	135.5856	.1832268	.0944291	.3803924	186.5122
Stddev	.0000955	.0004843	.2056	.0015860	.0003182	.0027846	.6612
%RSD	.6692319	.2982664	.1516127	.8655758	.3369165	.7320356	.3545013

#1	.0141634	.1628407	135.8157	.1824515	.0941830	.3834552	187.2741
#2	.0143423	.1618766	135.5210	.1821777	.0947883	.3780133	186.0881
#3	.0143108	.1624402	135.4201	.1850513	.0943160	.3797087	186.1745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.031332	21.91539	.2362925	-.012901	1.417878	.2910502	14.02903
Stddev	.004652	.13137	.0004268	.000624	.088935	.0012832	.37386
%RSD	.0515101	.5994572	.1806278	4.837828	6.272415	.4408743	2.664878

#1	9.032420	22.06379	.2366407	-.012182	1.520474	.2916543	14.27379
#2	9.026233	21.81394	.2364205	-.013310	1.362709	.2895765	14.21462
#3	9.035344	21.86844	.2358164	-.013210	1.370451	.2919199	13.59869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.87151	1.081465	.2447403	.0058682	.6484578	48.53896	.0336229
Stddev	.13184	.003110	.0028255	.0003751	.0006846	.53152	.0005497
%RSD	.7814443	.2875378	1.154489	6.392744	.1055654	1.095036	1.634808

#1	17.02262	1.080425	.2476033	.0055215	.6477382	47.95942	.0332927
#2	16.77990	1.079008	.2446636	.0062665	.6485344	48.65376	.0342574
#3	16.81202	1.084961	.2419539	.0058167	.6491009	49.00369	.0333184

Sample Name: M4417-18 Acquired: 01/10/2022 1:25:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.220916	.0737725	.1766526
Stddev	.010236	.0011338	.0014593
%RSD	.8383688	1.536821	.8260584

#1	1.212944	.0725479	.1750036
#2	1.217345	.0739840	.1771770
#3	1.232459	.0747856	.1777772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.077	46225.24	7129.551	1279.687	1873.591
Stddev	1.388	217.31	8.292	20.226	3.783
%RSD	.0949660	.4701201	.1163084	1.580557	.2018973

#1	1460.265	46017.24	7131.900	1260.440	1869.980
#2	1462.680	46450.80	7120.338	1277.855	1873.268
#3	1460.287	46207.68	7136.416	1300.767	1877.525

Sample Name: M4417-19 Acquired: 01/10/2022 1:29:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689963	-.010637	.2092601	.0213881	.0020608	94.75703	1.455707
Stddev	.0142947	.004279	.0052728	.0041979	.0033546	.99808	.011281
%RSD	20.71803	40.23272	2.519728	19.62750	162.7830	1.053307	.7749722

#1	.0852580	-.006945	.2152185	.0248741	.0059210	95.83558	1.466109
#2	.0633158	-.009638	.2073649	.0225620	.0004085	94.56951	1.457297
#3	.0584150	-.015327	.2051968	.0167281	-.000147	93.86601	1.443715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064824	.0047771	26.14004	.1339968	.0837083	.0876966	136.6429
Stddev	.0001999	.0000538	.17349	.0004446	.0002318	.0032034	1.1736
%RSD	3.084099	1.126337	.6636754	.3317872	.2769610	3.652845	.8588640

#1	.0066795	.0047150	26.26850	.1343686	.0835611	.0880593	137.8706
#2	.0062798	.0048081	26.20894	.1335044	.0839755	.0843273	136.5259
#3	.0064880	.0048083	25.94269	.1341175	.0835882	.0907032	135.5322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.396411	19.68254	.1395814	-.012254	1.012936	.2536232	.6964363
Stddev	.061990	.17199	.0000790	.000208	.443898	.0038120	.0114369
%RSD	.7382859	.8738028	.0566192	1.697336	43.82294	1.503009	1.642204

#1	8.455189	19.79872	.1396177	-.012348	.871007	.2565980	.6918544
#2	8.402398	19.76394	.1396357	-.012016	1.510441	.2549453	.7094537
#3	8.331645	19.48496	.1394907	-.012398	.657358	.2493261	.6880007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.970702	.4299309	.1253635	.0029167	.1423320	50.77789	-.014621
Stddev	.111933	.0011659	.0041160	.0003784	.0003992	.30125	.001383
%RSD	1.247767	.2711717	3.283288	12.97435	.2804928	.5932757	9.460752

#1	9.091676	.4312416	.1298764	.0029820	.1427930	51.05734	-.013427
#2	8.949622	.4290097	.1243982	.0025099	.1421017	50.81758	-.016137
#3	8.870807	.4295413	.1218158	.0032582	.1421013	50.45877	-.014298

Sample Name: M4417-19 Acquired: 01/10/2022 1:29:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.015471	.0558992	-.031829
Stddev	.018311	.0021127	.000778
%RSD	.9085423	3.779541	2.443435

#1	2.009625	.0580291	-.032721
#2	2.035991	.0558643	-.031470
#3	2.000795	.0538041	-.031295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.566	43937.57	6777.560	1225.237	1970.442
Stddev	1.742	236.82	40.766	1.495	3.802
%RSD	.1220397	.5389876	.6014818	.1220092	.1929331

#1	1426.758	44204.69	6748.953	1224.261	1966.477
#2	1429.565	43854.67	6759.489	1224.492	1974.055
#3	1426.374	43753.34	6824.237	1226.958	1970.793

Sample Name: CCV063 Acquired: 01/10/2022 1:33:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028653	4.898751	24.37771	4.842228	4.833344	398.7311
Stddev	.019339	.006789	.05669	.024078	.012462	1.5333
%RSD	.3845838	.1385947	.2325653	.4972487	.2578380	.3845485

#1	5.006467	4.890914	24.33788	4.862781	4.819642	399.9971
#2	5.037547	4.902501	24.35263	4.815736	4.836386	399.1699
#3	5.041945	4.902839	24.44262	4.848166	4.844003	397.0262

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06108	.5067007	2.453031	392.9974	15.22901	2.471022
Stddev	.01697	.0031976	.007086	.9630	.14260	.008329
%RSD	.1686539	.6310688	.2888517	.2450506	.9363726	.3370842

#1	10.06599	.5030339	2.449675	393.1675	15.11653	2.471830
#2	10.04220	.5089093	2.448246	393.8640	15.18110	2.462318
#3	10.07505	.5081590	2.461171	391.9606	15.38939	2.478918

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72817	392.7443	14.65184	384.7947	2.465738	1.238080
Stddev	.12089	2.0616	.09719	2.1741	.008246	.013125
%RSD	.8208014	.5249184	.6633207	.5650117	.3344183	1.060122

#1	14.73067	393.7067	14.68102	386.5781	2.459060	1.228722
#2	14.84778	394.1486	14.73110	385.4332	2.463200	1.232434
#3	14.60605	390.3775	14.54341	382.3728	2.474955	1.253083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.0255	2.449670	13.71012	149.6845	F 5.920419	5.153597
Stddev	.8920	.015371	.16292	.9917	.005198	.019546
%RSD	.2269639	.6274637	1.188288	.6625189	.0878047	.3792754

#1	393.7402	2.463483	13.89601	150.0362	5.919418	5.133069
#2	393.3105	2.452416	13.59217	150.4525	5.915794	5.171985
#3	392.0258	2.433112	13.64219	148.5649	5.926045	5.155736

Sample Name: CCV063 Acquired: 01/10/2022 1:33:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825727	5.221926	4.996142	4.963275	4.961558	5.053832
Stddev	.022486	.008086	.029185	.021936	.020168	.015455
%RSD	.4659633	.1548387	.5841541	.4419563	.4064866	.3058113
#1	4.812426	5.218026	4.962498	4.940249	4.938458	5.040047
#2	4.813067	5.231222	5.014653	4.965649	4.975668	5.050909
#3	4.851690	5.216530	5.011276	4.983927	4.970548	5.070539

Elem	Sr4077
Units	ppm
Avg	4.739889
Stddev	.010215
%RSD	.2155141
#1	4.735910
#2	4.751494
#3	4.732261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.211	35853.26	5794.492	950.4869	1533.469
Stddev	5.140	238.85	22.038	11.4628	6.187
%RSD	.4824908	.6661791	.3803250	1.205994	.4034792
#1	1066.166	35786.86	5775.598	942.5588	1534.791
#2	1069.806	36118.28	5789.175	945.2719	1538.888
#3	1059.661	35654.64	5818.701	963.6300	1526.728

Sample Name: CCB063 Acquired: 01/10/2022 1:41:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074480	-.000056	.0016637	-.001461	-.002718	.0224541	.0010729
Stddev	.0063761	.000813	.0013583	.007465	.004989	.0100371	.0001483
%RSD	85.60920	1453.394	81.64182	511.0215	183.5820	44.70060	13.81909

#1	.0139572	-.000940	.0028328	.004848	.002804	.0182602	.0009052
#2	.0071729	.000660	.0019848	.000471	-.004055	.0151942	.0011864
#3	.0012138	.000111	.0001737	-.009702	-.006902	.0339081	.0011271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0001572	.0318489	.0007641	-.000133	-.002643	.0174713
Stddev	.000024	.0000405	.0008371	.0003630	.000186	.002774	.0122881
%RSD	236.0095	25.79212	2.628253	47.50368	139.8876	104.9528	70.33282

#1	.000013	.0001192	.0311047	.0011309	.000060	-.004508	.0198896
#2	-.000009	.0001999	.0327551	.0007561	-.000147	-.003966	.0283704
#3	-.000035	.0001524	.0316870	.0004052	-.000312	.000545	.0041539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008411	.0408113	-.000224	.0000457	.2581286	.0004809	.0034292
Stddev	.0003377	.0207109	.000714	.0005673	.2944380	.0021032	.0083360
%RSD	40.14780	50.74808	319.1332	1242.467	114.0664	437.3661	243.0924

#1	.0004938	.0386401	-.000901	-.000359	.0318482	.0000498	-.005481
#2	.0011683	.0625223	-.000292	.000694	.5910224	-.001373	.004732
#3	.0008612	.0212715	.000522	-.000198	.1515152	.002766	.011037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1992809	-.000950	.0018461	.0004338	.0004672	.0021175	.0004590
Stddev	.1363003	.000114	.0013583	.0004160	.0005292	.0015295	.0017044
%RSD	68.39607	11.98621	73.57518	95.88492	113.2664	72.23446	371.3411

#1	.3237730	-.001081	.0034144	.0003562	.0001880	.0017983	.0003561
#2	.0536439	-.000872	.0010403	.0008832	.0001361	.0007727	.0022125
#3	.2204258	-.000898	.0010837	.0000622	.0010775	.0037814	-.001192

Sample Name: CCB063 Acquired: 01/10/2022 1:41:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016402	.0004033	.0000539
Stddev	.0016547	.0013343	.0000785
%RSD	100.8869	330.8707	145.5962

#1	.0018001	.0019350	-.000035
#2	-.000089	-.000507	.000082
#3	.003209	-.000218	.000115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.749	39332.48	6070.942	1102.795	2061.875
Stddev	1.096	652.30	55.126	14.944	1.897
%RSD	.0851403	1.658429	.9080265	1.355090	.0920271

#1	1286.288	38787.25	6015.650	1090.393	2059.916
#2	1288.000	40055.14	6125.900	1119.386	2063.704
#3	1285.959	39155.06	6071.275	1098.606	2062.005

Sample Name: M4417-20 Acquired: 01/10/2022 1:45:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894140	-.008959	.1953090	.0250760	.0041068	102.3827	1.183634
Stddev	.0107009	.003521	.0043822	.0021173	.0010791	1.3905	.005128
%RSD	11.96784	39.29853	2.243729	8.443543	26.27599	1.358116	.4332547

#1	.0799712	-.006360	.1941634	.0240530	.0028670	101.6221	1.181699
#2	.1010372	-.007552	.1916133	.0275106	.0048343	101.5384	1.179756
#3	.0872336	-.012966	.2001502	.0236645	.0046192	103.9875	1.189449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070110	.0013512	197.5665	.1509609	.0926914	.1491166	171.1713
Stddev	.0001352	.0002890	1.5622	.0010093	.0004294	.0034755	1.9134
%RSD	1.928614	21.38927	.7907146	.6685839	.4632623	2.330714	1.117803

#1	.0069344	.0010959	196.8135	.1520651	.0925024	.1526652	170.1102
#2	.0069314	.0012927	196.5235	.1507317	.0931829	.1457192	170.0237
#3	.0071671	.0016649	199.3626	.1500859	.0923889	.1489653	173.3801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.260842	119.6330	.1925368	-.015088	1.698404	.3010601	.6444883
Stddev	.069181	1.3678	.0015055	.000105	.206083	.0053382	.0315103
%RSD	1.104975	1.143327	.7819259	.6977699	12.13395	1.773142	4.889194

#1	6.224192	119.0258	.1926954	-.015201	1.541997	.2949541	.6648244
#2	6.217698	118.6739	.1909583	-.014992	1.621290	.3033824	.6604494
#3	6.340637	121.1992	.1939567	-.015072	1.931923	.3048438	.6081911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.755975	.4959855	.1624584	.0048474	.1107940	47.84350	-.014001
Stddev	.159965	.0020580	.0033186	.0003245	.0008034	.32350	.001460
%RSD	1.826923	.4149280	2.042737	6.694731	.7251043	.6761567	10.42437

#1	8.624416	.4973723	.1591021	.0044739	.1116284	48.05132	-.012626
#2	8.709469	.4936209	.1625351	.0050081	.1100257	47.47078	-.013845
#3	8.934039	.4969633	.1657380	.0050602	.1107280	48.00840	-.015532

Sample Name: M4417-20 Acquired: 01/10/2022 1:45:18 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAE6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.099661	.0762952	-.006881
Stddev	.003908	.0015928	.001284
%RSD	.1861393	2.087654	18.66161

#1	2.100468	.0767294	-.006034
#2	2.095412	.0745303	-.006251
#3	2.103103	.0776258	-.008358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.653	43822.42	6816.177	1201.938	1797.764
Stddev	2.881	165.35	41.454	12.886	3.833
%RSD	.2083535	.3773233	.6081655	1.072105	.2132310

#1	1380.585	44010.96	6808.456	1214.820	1794.077
#2	1385.943	43754.26	6860.948	1201.948	1801.729
#3	1381.431	43702.05	6779.126	1189.048	1797.487

Sample Name: M4417-21 Acquired: 01/10/2022 1:49:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921169	-.007004	.1849496	.0216563	.0030468	92.18285	1.012059
Stddev	.0143223	.004709	.0021152	.0076250	.0024629	.30721	.001878
%RSD	15.54792	67.23996	1.143680	35.20913	80.83553	.3332600	.1855319

#1	.0967549	-.001658	.1871629	.0263971	.0027456	92.14129	1.013460
#2	.1035455	-.010538	.1829484	.0128606	.0056465	91.89854	1.009925
#3	.0760504	-.008816	.1847374	.0257112	.0007484	92.50872	1.012791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069014	.0017855	240.8480	.1360005	.0978278	.1584081	169.4369
Stddev	.0000908	.0001575	.4875	.0010015	.0010549	.0013830	.3832
%RSD	1.315050	8.821110	.2024267	.7363809	1.078292	.8730602	.2261783

#1	.0069206	.0016837	240.9748	.1358197	.0966911	.1569764	169.2735
#2	.0068026	.0019669	240.3095	.1351017	.0980172	.1585112	169.1625
#3	.0069810	.0017058	241.2595	.1370800	.0987752	.1597367	169.8748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.522866	128.7574	.2045286	-.015478	1.687038	.2694460	.7824854
Stddev	.012415	.2627	.0006946	.000295	.233199	.0017528	.0181865
%RSD	.2247943	.2040260	.3396246	1.909000	13.82301	.6505025	2.324191

#1	5.530070	128.8496	.2049123	-.015234	1.729358	.2706745	.7985110
#2	5.508530	128.4610	.2037268	-.015806	1.435577	.2674389	.7627196
#3	5.529998	128.9615	.2049468	-.015393	1.896180	.2702248	.7862256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.711357	.4996541	.1613755	.0061094	.1031231	47.02078	-.010255
Stddev	.117942	.0007187	.0039529	.0002024	.0014081	.45924	.002502
%RSD	1.529454	.1438420	2.449510	3.313605	1.365498	.9766681	24.39587

#1	7.822140	.4988371	.1612883	.0060101	.1021229	46.88283	-.011592
#2	7.587368	.4999367	.1574669	.0059757	.1025130	46.64633	-.011805
#3	7.724564	.5001886	.1653713	.0063423	.1047334	47.53318	-.007369

Sample Name: M4417-21 Acquired: 01/10/2022 1:49:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.758842	.0794018	.0208684
Stddev	.004036	.0020654	.0004091
%RSD	.2294813	2.601215	1.960406

#1	1.754183	.0800709	.0209422
#2	1.761264	.0770848	.0212356
#3	1.761081	.0810498	.0204274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.921	43746.16	6866.783	1198.798	1780.589
Stddev	1.530	367.02	8.073	23.917	1.303
%RSD	.1106136	.8389655	.1175671	1.995101	.0731568

#1	1384.423	43679.61	6875.749	1184.697	1780.534
#2	1381.365	43416.97	6860.090	1185.283	1781.918
#3	1382.976	44141.90	6864.511	1226.413	1779.314

Sample Name: M4417-22 Acquired: 01/10/2022 1:53:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940351	-.013997	.2067920	.0220119	.0049219	166.6125	1.290523
Stddev	.0094756	.001777	.0017310	.0107004	.0026187	1.9223	.002521
%RSD	10.07669	12.69730	.8370824	48.61174	53.20636	1.153765	.1953795

#1	.1049405	-.013075	.2067807	.0293956	.0063853	164.5092	1.289848
#2	.0878130	-.016046	.2050666	.0268994	.0064817	168.2785	1.293314
#3	.0893519	-.012870	.2085286	.0097405	.0018985	167.0497	1.288408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088212	.0017449	43.24737	.2126253	.0558070	.1307243	220.4382
Stddev	.0001988	.0001042	.22577	.0011776	.0005328	.0033081	2.1632
%RSD	2.253945	5.970277	.5220330	.5538386	.9547314	2.530569	.9813016

#1	.0085996	.0018480	43.05705	.2115229	.0563882	.1270852	218.0809
#2	.0089839	.0017471	43.49682	.2124872	.0553415	.1315384	222.3322
#3	.0088803	.0016397	43.18824	.2138659	.0556915	.1335493	220.9015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.436015	32.94653	.1656280	-.019415	1.071353	.3723420	.9446635
Stddev	.022369	.36598	.0008481	.000880	.132670	.0077368	.0155832
%RSD	.9182470	1.110823	.5120226	4.534340	12.38342	2.077871	1.649601

#1	2.411240	32.57105	.1650771	-.019082	.939599	.3733266	.9358782
#2	2.454726	33.30221	.1666046	-.018749	1.069539	.3795394	.9354565
#3	2.442079	32.96632	.1652024	-.020413	1.204921	.3641601	.9626558

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.867595	.2701409	.1983213	.0021442	.1208233	51.25447	-.010172
Stddev	.107027	.0012292	.0019257	.0004157	.0015427	.87848	.001419
%RSD	1.558435	.4550285	.9710247	19.38478	1.276810	1.713964	13.95201

#1	6.744263	.2692803	.2004725	.0017462	.1214756	50.29919	-.010590
#2	6.922427	.2715487	.1977332	.0021111	.1219326	52.02760	-.011335
#3	6.936095	.2695938	.1967581	.0025755	.1190616	51.43662	-.008591

Sample Name: M4417-22 Acquired: 01/10/2022 1:53:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.420095	.0914461	-.077987
Stddev	.004350	.0013758	.001311
%RSD	.3063517	1.504442	1.680847

#1	1.424019	.0912816	-.076634
#2	1.415417	.0901599	-.079252
#3	1.420850	.0928966	-.078075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.024	43223.62	6706.875	1200.738	1926.708
Stddev	2.217	324.73	73.566	2.596	3.626
%RSD	.1590291	.7512886	1.096873	.2162353	.1881792

#1	1392.941	43393.85	6791.293	1200.519	1923.161
#2	1396.574	43427.85	6656.475	1203.437	1930.407
#3	1392.557	42849.17	6672.856	1198.258	1926.557

Sample Name: M4418-01 Acquired: 01/10/2022 1:57:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199764	-.005036	3.277998	.0289020	.0037372	109.0301	1.994031
Stddev	.0082408	.011405	.013662	.0016592	.0024349	1.1570	.003130
%RSD	6.868667	226.4592	.4167921	5.740953	65.15270	1.061183	.1569513

#1	.1294710	-.012877	3.262233	.0273398	.0030253	108.0892	1.994701
#2	.1146817	.008047	3.285375	.0306437	.0064487	110.3219	1.996770
#3	.1157765	-.010278	3.286386	.0287225	.0017376	108.6791	1.990620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147633	.2145996	177.5058	.2088856	.1084431	.5036821	212.5560
Stddev	.0001337	.0003443	.8423	.0008122	.0009727	.0078279	2.1934
%RSD	.9056031	.1604352	.4745334	.3888414	.8969900	1.554131	1.031936

#1	.0147641	.2142394	176.9993	.2095358	.1084385	.4990355	210.8701
#2	.0148966	.2146340	178.4782	.2079751	.1074726	.5127198	215.0358
#3	.0146292	.2149254	177.0400	.2091457	.1094181	.4992911	211.7620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.609524	42.73888	.2587368	-.015089	2.204578	.2968363	19.18764
Stddev	.077033	.43194	.0004997	.000056	.069779	.0015223	.48552
%RSD	.8016289	1.010658	.1931246	.3695742	3.165175	.5128283	2.530365

#1	9.567783	42.51723	.2581674	-.015109	2.284848	.2957192	18.89274
#2	9.698419	43.23666	.2591019	-.015132	2.158390	.2985702	18.92217
#3	9.562371	42.46276	.2589412	-.015026	2.170496	.2962196	19.74801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27191	1.057313	.3053067	.0093639	.8159572	51.30330	.0548719
Stddev	.32836	.003733	.0036797	.0003656	.0021980	.40513	.0044936
%RSD	2.017983	.3530356	1.205230	3.903976	.2693710	.7896860	8.189178

#1	16.10949	1.054533	.3017023	.0090238	.8142968	51.34892	.0497853
#2	16.64984	1.055850	.3090572	.0093174	.8184497	51.68370	.0583023
#3	16.05641	1.061555	.3051605	.0097505	.8151250	50.87729	.0565282

Sample Name: M4418-01 Acquired: 01/10/2022 1:57:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.680085	.0883391	.1065782
Stddev	.009133	.0004662	.0018437
%RSD	.5436000	.5276927	1.729863

#1	1.690627	.0879966	.1079695
#2	1.675072	.0881506	.1044871
#3	1.674557	.0888699	.1072780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.893	45301.54	7000.486	1249.946	1863.600
Stddev	4.501	50.70	52.831	6.770	5.494
%RSD	.3134738	.1119251	.7546826	.5416101	.2947988

#1	1437.439	45244.12	6991.532	1246.039	1866.952
#2	1439.418	45340.16	6952.703	1257.763	1866.589
#3	1430.823	45320.34	7057.222	1246.035	1857.260

Sample Name: M4418-02 Acquired: 01/10/2022 2:01:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043914	-.005516	4.395762	.0472779	.0007769	105.2507	1.754074
Stddev	.0053971	.003079	.005976	.0061798	.0025051	.6128	.013942
%RSD	5.170097	55.82018	.1359601	13.07124	322.4343	.5822262	.7948598

#1	.1000743	-.006360	4.401585	.0456214	.0035158	104.8365	1.756572
#2	.1104424	-.002103	4.396058	.0541172	.0002132	105.9546	1.766598
#3	.1026574	-.008085	4.389642	.0420952	-.001398	104.9608	1.739051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211266	.1272800	117.8038	.1774875	.1184868	.4106035	417.4171
Stddev	.0001721	.0001088	.5850	.0010650	.0015316	.0041694	2.3179
%RSD	.8145260	.0855098	.4965855	.6000272	1.292617	1.015433	.5553058

#1	.0213237	.1273747	117.5538	.1776790	.1193274	.4059963	415.5151
#2	.0210059	.1271611	118.4723	.1763398	.1167190	.4116971	419.9989
#3	.0210503	.1273041	117.3853	.1784438	.1194140	.4141171	416.7372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.434881	23.39186	.2562929	-.034574	2.740210	.3359114	13.00237
Stddev	.040940	.15098	.0010479	.000551	.451966	.0015053	.22053
%RSD	.6362157	.6454554	.4088652	1.593238	16.49384	.4481165	1.696079

#1	6.391141	23.30010	.2561940	-.034342	2.261411	.3368148	13.22963
#2	6.472281	23.56612	.2573868	-.035203	3.159433	.3341737	12.98824
#3	6.441222	23.30935	.2552980	-.034177	2.799787	.3367457	12.78925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94335	.8701034	.5342398	.0124851	1.114454	49.95255	1.393251
Stddev	.24056	.0028115	.0050265	.0007740	.008253	.47706	.002727
%RSD	1.858542	.3231218	.9408672	6.199238	.7405512	.9550202	.1957637

#1	12.66601	.8732713	.5344091	.0126811	1.119025	49.61849	1.393527
#2	13.09545	.8691341	.5391794	.0131422	1.119411	50.49891	1.395830
#3	13.06859	.8679048	.5291307	.0116319	1.104927	49.74025	1.390396

Sample Name: M4418-02 Acquired: 01/10/2022 2:01:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.547096	.0880124	-.135401
Stddev	.010994	.0010817	.000841
%RSD	.7106467	1.229011	.6211732

#1	1.537908	.0867682	-.134646
#2	1.559277	.0887293	-.136307
#3	1.544104	.0885396	-.135248

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.090	46058.52	7093.985	1261.595	1899.067
Stddev	3.629	180.03	69.165	1.063	4.773
%RSD	.2481858	.3908645	.9749835	.0842960	.2513254

#1	1458.364	46248.00	7150.284	1260.875	1893.785
#2	1465.613	46037.82	7016.778	1261.094	1903.070
#3	1462.295	45889.74	7114.893	1262.817	1900.346

Sample Name: M4418-03 Acquired: 01/10/2022 2:05:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168830	-.011085	F 72.56489	.0247259	.0002530	121.5085
Stddev	.0107871	.003073	.31314	.0008110	.0017878	.7008
%RSD	9.228945	27.72670	.4315257	3.279824	706.7818	.5767715

#1	.1094050	-.011911	72.29008	.0253445	.0021329	120.7507
#2	.1119953	-.013660	72.90579	.0250256	-.001426	122.1332
#3	.1292487	-.007683	72.49879	.0238078	.000052	121.6418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.131902	.0234581	.0849549	97.86225	.3055829	.1041095
Stddev	.009480	.0003684	.0002744	.07203	.0009875	.0006099
%RSD	.4446531	1.570284	.3229481	.0736027	.3231461	.5858234

#1	2.122168	.0237065	.0847770	97.94476	.3067167	.1040456
#2	2.132435	.0236329	.0852708	97.81197	.3051204	.1047489
#3	2.141104	.0230349	.0848167	97.83000	.3049115	.1035341

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2529761	258.8421	6.706376	23.41080	.2957538	-.019303
Stddev	.0019788	.8826	.009630	.07609	.0002278	.000452
%RSD	.7821968	.3409852	.1435989	.3250058	.0770139	2.344143

#1	.2540497	258.0750	6.702383	23.34507	.2955047	-.019027
#2	.2541860	259.8067	6.717360	23.49415	.2959515	-.019825
#3	.2506926	258.6446	6.699384	23.39318	.2958051	-.019057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.710121	.3922236	9.402400	14.29358	.9010492	.5803670
Stddev	.212400	.0074142	.163436	.14551	.0057945	.0022012
%RSD	5.724884	1.890299	1.738242	1.017982	.6430869	.3792846

#1	3.609515	.3842714	9.256552	14.24744	.8943743	.5781492
#2	3.566717	.3989461	9.579043	14.45656	.9039857	.5825513
#3	3.954132	.3934533	9.371605	14.17673	.9047876	.5804005

Sample Name: M4418-03 Acquired: 01/10/2022 2:05:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA96 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181919	.6672124	49.27421	1.341504	1.500125	.0962318
Stddev	.0002039	.0022510	.29698	.011007	.004570	.0024910
%RSD	1.120951	.3373700	.6027100	.8204968	.3046242	2.588538

#1	.0183600	.6650319	49.40783	1.337727	1.498641	.0938520
#2	.0182506	.6695278	49.48091	1.353902	1.496481	.0960225
#3	.0179650	.6670775	48.93390	1.332882	1.505252	.0988208

Elem	Sr4077
Units	ppm
Avg	.0128746
Stddev	.0006147
%RSD	4.774914

#1	.0130505
#2	.0121911
#3	.0133822

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.630	47334.15	7389.728	1308.072	1900.698
Stddev	3.800	104.88	51.911	5.992	6.424
%RSD	.2507263	.2215698	.7024813	.4580792	.3379926

#1	1515.205	47420.01	7369.819	1310.033	1903.686
#2	1512.060	47217.26	7350.718	1301.345	1893.324
#3	1519.624	47365.19	7448.647	1312.837	1905.083

Sample Name: M4418-04 Acquired: 01/10/2022 2:09:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA97 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1981566	-.011740	1.097269	.0362755	.0134032	113.7547	1.727946
Stddev	.0110085	.004040	.002171	.0031176	.0039746	1.3159	.008338
%RSD	5.555448	34.40923	.1978228	8.594264	29.65395	1.156796	.4825340

#1	.1977625	-.014624	1.097929	.0334489	.0160995	112.4882	1.718856
#2	.2093568	-.013473	1.099033	.0396194	.0152713	113.6609	1.729744
#3	.1873505	-.007123	1.094845	.0357581	.0088387	115.1150	1.735238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308741	.0771413	114.2602	.1615691	.0888375	.2150093	325.8469
Stddev	.0001929	.0000701	.4715	.0003750	.0003796	.0038813	3.3040
%RSD	.6247114	.0909219	.4126659	.2321169	.4273549	1.805158	1.013983

#1	.0307102	.0772205	113.7637	.1611497	.0890388	.2127633	322.6270
#2	.0308255	.0771162	114.3149	.1618722	.0890742	.2127735	325.6846
#3	.0310867	.0770871	114.7019	.1616853	.0883996	.2194910	329.2291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.317625	18.34034	.3172204	-.026600	5.116754	.5135536	5.819104
Stddev	.020983	.12252	.0019551	.000381	.077926	.0057339	.053571
%RSD	.6324704	.6680427	.6163337	1.431123	1.522965	1.116514	.9206114

#1	3.295910	18.21850	.3150258	-.026637	5.071903	.5147886	5.873126
#2	3.319174	18.33900	.3187763	-.026202	5.206735	.5073029	5.765995
#3	3.337791	18.46353	.3178590	-.026960	5.071623	.5185694	5.818191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.40485	.9503759	.9308545	.0715007	.6936832	45.87422	.0207608
Stddev	.22143	.0051257	.0055748	.0007593	.0026378	.06570	.0023500
%RSD	1.941579	.5393343	.5988870	1.061895	.3802619	.1432122	11.31955

#1	11.23599	.9487882	.9273877	.0723518	.6945211	45.79978	.0209721
#2	11.32301	.9561076	.9278905	.0708928	.6958002	45.92409	.0183122
#3	11.65556	.9462320	.9372851	.0712576	.6907282	45.89880	.0229980

Sample Name: M4418-04 Acquired: 01/10/2022 2:09:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA97 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.384252	.0765172	-.029494
Stddev	.006111	.0011743	.003743
%RSD	.4414628	1.534704	12.69108

#1	1.385130	.0752729	-.025980
#2	1.389876	.0766725	-.029071
#3	1.377749	.0776061	-.033430

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.515	51786.83	8008.596	1426.868	1898.179
Stddev	2.067	261.31	12.727	2.881	6.413
%RSD	.1254353	.5045783	.1589129	.2019099	.3378756

#1	1648.434	51789.62	8018.243	1424.014	1905.199
#2	1648.962	52046.73	8013.374	1429.775	1892.627
#3	1645.148	51524.14	7994.172	1426.815	1896.711

Sample Name: M4418-05 Acquired: 01/10/2022 2:13:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203726	-.005332	2.964106	.0293745	.0090061	109.3562	1.858762
Stddev	.0023478	.005451	.009885	.0018644	.0030447	.2489	.007476
%RSD	1.950481	102.2330	.3334916	6.347065	33.80698	.2275613	.4022129

#1	.1229773	-.003478	2.953361	.0285930	.0073541	109.3958	1.855845
#2	.1184190	-.011469	2.966144	.0280281	.0125197	109.5828	1.853184
#3	.1197216	-.001050	2.972813	.0315025	.0071445	109.0899	1.867257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155194	.1508675	132.6796	.2125528	.1173203	.3889166	223.2578
Stddev	.0001747	.0007964	.2622	.0018037	.0004364	.0019531	.3385
%RSD	1.125731	.5279003	.1976494	.8485794	.3719761	.5021958	.1516267

#1	.0157211	.1508245	132.4907	.2141203	.1168576	.3869830	223.1735
#2	.0154143	.1500935	132.5692	.2105814	.1177246	.3908887	223.6305
#3	.0154227	.1516846	132.9791	.2129565	.1173787	.3888782	222.9694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33110	30.83860	.2622072	-.017677	2.271358	.2959010	14.04701
Stddev	.00969	.07418	.0015184	.000468	.210645	.0033106	.13303
%RSD	.0938318	.2405310	.5790831	2.649800	9.273948	1.118828	.9470588

#1	10.32559	30.82624	.2610383	-.018218	2.426279	.2924717	14.18345
#2	10.34230	30.91818	.2616600	-.017390	2.356288	.2961526	14.03991
#3	10.32543	30.77137	.2639234	-.017424	2.031507	.2990786	13.91767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.47167	1.542407	.3110020	.0106843	.7520585	50.11916	.0403906
Stddev	.14446	.005484	.0029656	.0006368	.0019343	.46511	.0008755
%RSD	.9336971	.3555793	.9535585	5.959824	.2571972	.9280117	2.167538

#1	15.62160	1.536090	.3076046	.0112667	.7498287	50.57323	.0399366
#2	15.46002	1.545956	.3130723	.0107817	.7530623	49.64374	.0413999
#3	15.33339	1.545176	.3123290	.0100044	.7532845	50.14051	.0398354

Sample Name: M4418-05 Acquired: 01/10/2022 2:13:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.509674	.0872767	.0556746
Stddev	.010988	.0012113	.0012192
%RSD	.7278658	1.387915	2.189888

#1	1.501668	.0859476	.0556427
#2	1.505153	.0875640	.0544716
#3	1.522202	.0883186	.0569094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.101	46092.66	7213.582	1273.655	1887.888
Stddev	5.387	206.92	50.145	3.367	4.732
%RSD	.3652292	.4489209	.6951424	.2643553	.2506714

#1	1480.887	45854.65	7156.855	1277.212	1892.042
#2	1474.187	46193.49	7251.998	1270.517	1888.886
#3	1470.229	46229.84	7231.893	1273.236	1882.737

Sample Name: M4418-06 Acquired: 01/10/2022 2:17:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250539	-.000089	3.918561	.0274447	.0079655	116.7241	2.537269
Stddev	.0136231	.007495	.044442	.0077710	.0021572	.4269	.001642
%RSD	10.89376	8449.169	1.134129	28.31507	27.08132	.3657290	.0647182

#1	.1177969	.004913	3.888216	.0215113	.0101670	116.4633	2.538479
#2	.1165956	.003527	3.897894	.0245817	.0058556	117.2167	2.535399
#3	.1407692	-.008707	3.969572	.0362410	.0078738	116.4923	2.537927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192931	.0909344	103.4786	.2233497	.1326010	.3107754	285.5885
Stddev	.0000584	.0010188	.3275	.0006191	.0020127	.0056083	1.7997
%RSD	.3024711	1.120378	.3165010	.2771665	1.517842	1.804625	.6301759

#1	.0192354	.0904227	103.6123	.2227012	.1315153	.3073395	285.6253
#2	.0192918	.0902729	103.7181	.2239343	.1313644	.3172472	287.3695
#3	.0193521	.0921076	103.1054	.2234137	.1349234	.3077395	283.7707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.912305	23.64561	.2847625	-.024193	2.862291	.3171418	10.36704
Stddev	.042013	.08544	.0031806	.000619	.229371	.0039697	.19182
%RSD	.5309818	.3613291	1.116926	2.559079	8.013561	1.251700	1.850253

#1	7.916339	23.69393	.2815481	-.023812	2.840068	.3216445	10.28673
#2	7.952156	23.69593	.2848313	-.023860	2.644841	.3156335	10.22843
#3	7.868421	23.54696	.2879082	-.024907	3.101966	.3141473	10.58596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.18464	2.096161	.5082972	.0170796	1.026841	51.32201	.0450620
Stddev	.22100	.029000	.0021293	.0001383	.013445	.29987	.0019110
%RSD	1.286051	1.383501	.4189191	.8094866	1.309343	.5843005	4.240840

#1	16.94220	2.081294	.5060883	.0169404	1.019591	51.02860	.0448472
#2	17.37486	2.077609	.5103369	.0170816	1.018578	51.62796	.0432675
#3	17.23686	2.129580	.5084664	.0172169	1.042355	51.30948	.0470713

Sample Name: M4418-06 Acquired: 01/10/2022 2:17:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.261520	.1006184	.0390625
Stddev	.004369	.0007983	.0010052
%RSD	.3462991	.7933429	2.573279

#1	1.256479	.1004964	.0387727
#2	1.263875	.0998882	.0382340
#3	1.264205	.1014706	.0401807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.600	46296.72	7278.941	1283.357	1901.987
Stddev	12.526	296.45	73.146	10.483	19.931
%RSD	.8448355	.6403275	1.004905	.8168263	1.047912

#1	1491.250	46599.21	7354.807	1295.257	1916.797
#2	1488.313	46006.70	7208.858	1279.325	1909.838
#3	1468.236	46284.26	7273.157	1275.488	1879.326

Sample Name: M4418-07 Acquired: 01/10/2022 2:21:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0709321	-.010513	.4853229	.0260003	.0000956	92.26132	1.331975
Stddev	.0068175	.007589	.0036386	.0025506	.0022787	.53707	.003331
%RSD	9.611243	72.18079	.7497305	9.809694	2382.628	.5821161	.2500832

#1	.0692952	-.002553	.4871177	.0257798	.0015601	91.83195	1.331231
#2	.0784190	-.017665	.4811356	.0235672	.0012565	92.86353	1.329079
#3	.0650821	-.011322	.4877154	.0286540	-.002530	92.08848	1.335615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071884	.0169431	29.97448	.1436001	.0760204	.1429622	142.2466
Stddev	.0000596	.0000523	.09145	.0021820	.0004089	.0039435	.7931
%RSD	.8287007	.3089574	.3050942	1.519514	.5378871	2.758403	.5575385

#1	.0071843	.0168915	29.87383	.1424247	.0758206	.1395014	141.3938
#2	.0071310	.0169962	29.99712	.1422577	.0764907	.1421297	142.9621
#3	.0072499	.0169416	30.05248	.1461178	.0757497	.1472554	142.3840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.768920	18.69769	.1391346	-.011827	.9720520	.2549085	2.289429
Stddev	.028586	.14106	.0004599	.000445	.1388996	.0028640	.073063
%RSD	.4223119	.7543987	.3305508	3.763895	14.28932	1.123536	3.191321

#1	6.740188	18.56463	.1387897	-.011943	.8224100	.2553512	2.253829
#2	6.797358	18.84557	.1389573	-.011336	1.096859	.2575254	2.240990
#3	6.769214	18.68287	.1396568	-.012203	.996887	.2518490	2.373469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.540599	.5778025	.1419127	.0057322	.3056661	53.48668	.0169436
Stddev	.146952	.0011475	.0026973	.0002170	.0018657	.55314	.0025996
%RSD	1.540280	.1985896	1.900645	3.784878	.6103626	1.034167	15.34282

#1	9.374617	.5770877	.1439241	.0057448	.3040610	53.05641	.0193388
#2	9.654124	.5771938	.1429664	.0059426	.3052243	54.11061	.0173128
#3	9.593056	.5791261	.1388476	.0055093	.3077130	53.29301	.0141791

Sample Name: M4418-07 Acquired: 01/10/2022 2:21:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.645499	.0583062	-.032172
Stddev	.009759	.0016523	.000852
%RSD	.5930502	2.833875	2.648654

#1	1.643597	.0563997	-.031265
#2	1.636831	.0591957	-.032956
#3	1.656069	.0593232	-.032296

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.490	44187.19	6847.345	1234.671	1982.863
Stddev	.861	625.84	45.052	9.609	1.417
%RSD	.0602383	1.416342	.6579497	.7782258	.0714568

#1	1429.917	44122.73	6888.839	1233.232	1983.787
#2	1428.499	44842.77	6799.425	1244.918	1983.569
#3	1430.054	43596.07	6853.772	1225.864	1981.231

Sample Name: M4418-08 Acquired: 01/10/2022 2:25:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754049	-.008866	.2873700	.0255502	.0025482	111.2787	1.715573
Stddev	.0154606	.003921	.0051605	.0049590	.0008525	.9452	.010955
%RSD	20.50347	44.22670	1.795761	19.40899	33.45499	.8493727	.6385475

#1	.0643438	-.009638	.2814506	.0226466	.0020226	111.0061	1.704722
#2	.0930709	-.012345	.2909221	.0312762	.0035318	110.4998	1.715369
#3	.0688000	-.004617	.2897372	.0227278	.0020902	112.3302	1.726629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078309	.0129002	37.36529	.1662473	.0647746	.1069770	149.8278
Stddev	.0000763	.0001800	.18083	.0003398	.0006765	.0010806	1.0017
%RSD	.9749531	1.395048	.4839600	.2044117	1.044424	1.010118	.6685760

#1	.0078751	.0129411	37.34352	.1661537	.0646981	.1057995	150.3097
#2	.0077428	.0127033	37.19633	.1659640	.0654861	.1079231	148.6762
#3	.0078749	.0130562	37.55602	.1666241	.0641395	.1072085	150.4974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.836465	20.63754	.1254508	-.012096	.8882137	.2857067	2.260436
Stddev	.043208	.16547	.0007453	.000192	.0535467	.0035483	.069827
%RSD	.7403139	.8018076	.5941357	1.589578	6.028588	1.241954	3.089105

#1	5.867967	20.76366	.1245905	-.012304	.9096050	.2873122	2.180433
#2	5.787208	20.45018	.1259046	-.011925	.8272780	.2816393	2.309126
#3	5.854219	20.69880	.1258572	-.012058	.9277581	.2881685	2.291749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.806093	.4190779	.1399416	.0015604	.1908808	54.98832	-.010332
Stddev	.065333	.0017403	.0030007	.0008173	.0013394	.12651	.001068
%RSD	.8369478	.4152599	2.144266	52.37921	.7016908	.2300622	10.33238

#1	7.858707	.4184711	.1397427	.0016854	.1909167	55.12675	-.009871
#2	7.732965	.4210403	.1370453	.0006878	.1895238	54.87871	-.009572
#3	7.826606	.4177222	.1430368	.0023080	.1922019	54.95952	-.011552

Sample Name: M4418-08 Acquired: 01/10/2022 2:25:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.038111	.0575464	.0037286
Stddev	.004089	.0018686	.0008011
%RSD	.3939079	3.247129	21.48470

#1	1.040677	.0556720	.0036583
#2	1.040260	.0594092	.0045626
#3	1.033395	.0575579	.0029650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.617	44313.97	6758.859	1227.868	1964.234
Stddev	1.678	183.81	45.557	10.186	.367
%RSD	.1176749	.4147812	.6740365	.8295684	.0187089

#1	1427.554	44221.44	6760.593	1234.572	1964.618
#2	1424.691	44525.66	6803.525	1232.887	1964.198
#3	1424.607	44194.82	6712.460	1216.147	1963.886

Sample Name: M4418-09 Acquired: 01/10/2022 2:29:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979195	-.013541	.5945677	.0249574	-.000781	110.8909	1.930788
Stddev	.0033918	.000582	.0037574	.0057360	.000936	.3745	.007952
%RSD	3.463824	4.294912	.6319508	22.98331	119.9748	.3376851	.4118731

#1	.0995798	-.012888	.5946946	.0304351	.000274	110.6984	1.930746
#2	.1001613	-.013733	.5907484	.0254430	-.001100	111.3224	1.922857
#3	.0940174	-.014003	.5982599	.0189940	-.001515	110.6517	1.938762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089049	.0339596	48.23487	.1696704	.0960426	.1627433	160.5426
Stddev	.0002269	.0001645	.03813	.0009267	.0002610	.0003001	.1711
%RSD	2.547739	.4845142	.0790504	.5461588	.2717793	.1843732	.1065994

#1	.0088959	.0340957	48.21341	.1703893	.0961749	.1630840	160.4975
#2	.0091361	.0340063	48.21230	.1686246	.0957420	.1625182	160.7317
#3	.0086827	.0337768	48.27889	.1699972	.0962111	.1626278	160.3985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.990016	22.37294	.1819902	-.012991	1.038620	.3028692	4.130069
Stddev	.007518	.09570	.0001594	.000442	.201521	.0047754	.063069
%RSD	.0836226	.4277370	.0875627	3.404545	19.40278	1.576726	1.527058

#1	8.984039	22.32216	.1818353	-.012730	1.166261	.3041956	4.058920
#2	8.987552	22.48333	.1819816	-.013502	.806301	.3068413	4.179095
#3	8.998456	22.31334	.1821536	-.012742	1.143297	.2975708	4.152195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.475510	.7717512	.1527573	.0030330	.2257866	55.24245	-.003527
Stddev	.145725	.0014263	.0036666	.0004635	.0009318	.52570	.003301
%RSD	1.537916	.1848168	2.400260	15.28122	.4126713	.9516178	93.60844

#1	9.600455	.7706910	.1558500	.0034194	.2248137	54.88533	.000209
#2	9.510647	.7711898	.1487069	.0025191	.2258754	55.84611	-.006053
#3	9.315429	.7733728	.1537148	.0031605	.2266708	54.99592	-.004736

Sample Name: M4418-09 Acquired: 01/10/2022 2:29:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.096955	.0696407	-.013403
Stddev	.002757	.0009483	.000636
%RSD	.2512909	1.361718	4.747744

#1	1.097338	.0690768	-.013240
#2	1.094027	.0691096	-.014106
#3	1.099500	.0707355	-.012865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.432	44260.31	6841.167	1238.051	1956.695
Stddev	2.154	94.31	30.611	5.867	1.718
%RSD	.1512926	.2130708	.4474584	.4738588	.0877798

#1	1422.785	44183.67	6842.508	1231.476	1957.700
#2	1421.675	44231.64	6809.907	1242.751	1957.673
#3	1425.834	44365.63	6871.086	1239.925	1954.712

Sample Name: M4418-10 Acquired: 01/10/2022 2:33:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706934	-.008740	.2846992	.0245953	.0029253	129.1329	1.397947
Stddev	.0144733	.002761	.0027979	.0064133	.0063113	.8313	.009761
%RSD	20.47326	31.59587	.9827608	26.07535	215.7479	.6437336	.6982162

#1	.0642739	-.011631	.2866443	.0236376	-.000650	130.0012	1.408748
#2	.0872661	-.006130	.2859607	.0187146	-.000787	129.0530	1.395335
#3	.0605403	-.008459	.2814927	.0314335	.010213	128.3444	1.389758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077964	.0057553	47.37576	.1727318	.0594263	.1211100	162.8804
Stddev	.0001427	.0001910	.22006	.0006144	.0003479	.0037477	.7099
%RSD	1.829783	3.318548	.4644929	.3557083	.5854472	3.094459	.4358580

#1	.0079303	.0056626	47.62404	.1732458	.0597060	.1200110	163.6906
#2	.0078126	.0056284	47.29843	.1728983	.0595362	.1252843	162.3672
#3	.0076464	.0059750	47.20481	.1720513	.0590367	.1180347	162.5834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.861951	25.12836	.1315204	-.013466	.9220978	.2807736	1.465800
Stddev	.020750	.07047	.0009997	.000372	.1785758	.0016310	.038910
%RSD	.5372830	.2804316	.7601192	2.761774	19.36626	.5808793	2.654510

#1	3.885738	25.20144	.1311266	-.013162	.8281999	.2795401	1.432535
#2	3.847572	25.12280	.1307775	-.013356	.8100602	.2826228	1.508587
#3	3.852544	25.06084	.1326570	-.013881	1.128033	.2801580	1.456279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.109169	.4274087	.1540160	.0015835	.2179040	56.35254	-.008365
Stddev	.110341	.0011610	.0032238	.0003739	.0019719	.37790	.000228
%RSD	1.552099	.2716442	2.093145	23.61173	.9049284	.6706015	2.727943

#1	7.209022	.4260723	.1550324	.0019187	.2157452	56.64108	-.008503
#2	7.127778	.4279842	.1504066	.0016515	.2183566	56.49177	-.008101
#3	6.990706	.4281694	.1566091	.0011803	.2196102	55.92478	-.008490

Sample Name: M4418-10 Acquired: 01/10/2022 2:33:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.103135	.0695098	-.018929
Stddev	.001574	.0008722	.000706
%RSD	.1426500	1.254770	3.731955

#1	1.103795	.0704543	-.019583
#2	1.104271	.0687347	-.018180
#3	1.101339	.0693404	-.019025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.137	43930.39	6718.702	1231.543	1956.913
Stddev	2.043	406.75	21.669	17.123	3.275
%RSD	.1439880	.9258939	.3225182	1.390390	.1673690

#1	1420.014	44290.76	6703.937	1240.358	1958.880
#2	1420.595	44011.06	6743.579	1242.462	1958.726
#3	1416.801	43489.35	6708.591	1211.808	1953.132

Sample Name: M4418-11 Acquired: 01/10/2022 2:37:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810655	-.008994	.1609496	.0329776	.0036327	155.8606	1.279351
Stddev	.0225326	.006781	.0036101	.0017441	.0051474	1.3034	.003646
%RSD	27.79557	75.40091	2.242987	5.288756	141.6984	.8362545	.2849580

#1	.1022692	-.016047	.1619380	.0315448	.0054393	154.6533	1.275746
#2	.0835220	-.008412	.1569482	.0324683	-.002175	157.2425	1.283036
#3	.0574052	-.002522	.1639625	.0349196	.007633	155.6860	1.279271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091203	-.000144	36.67329	.2066067	.0474203	.1332912	200.0448
Stddev	.0001233	.000024	.27413	.0023551	.0001190	.0016981	1.2600
%RSD	1.351521	16.53898	.7474866	1.139876	.2509067	1.274009	.6298452

#1	.0090276	-.000126	36.50637	.2092495	.0475396	.1341912	198.8798
#2	.0092602	-.000171	36.98967	.2058400	.0473016	.1313325	201.3820
#3	.0090731	-.000135	36.52384	.2047305	.0474197	.1343500	199.8727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005565	30.14644	.1683707	-.016648	1.010408	.3319287	.8385389
Stddev	.014912	.23402	.0011257	.000461	.248165	.0016850	.0190468
%RSD	.7435399	.7762763	.6685865	2.768846	24.56087	.5076473	2.271425

#1	1.991751	29.91695	.1676902	-.017171	1.081791	.3302582	.8184419
#2	2.021374	30.38474	.1677518	-.016475	.734375	.3336279	.8408505
#3	2.003571	30.13762	.1696700	-.016299	1.215058	.3319001	.8563245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.568264	.1938421	.1742659	.0010595	.1153726	55.46683	-.013046
Stddev	.112654	.0008085	.0055544	.0002647	.0006355	.27123	.003151
%RSD	1.715123	.4171029	3.187334	24.97871	.5508397	.4890003	24.15156

#1	6.442177	.1947743	.1680175	.0010093	.1159940	55.73316	-.012285
#2	6.659011	.1934204	.1786430	.0013457	.1147238	55.47637	-.010345
#3	6.603602	.1933315	.1761372	.0008236	.1154000	55.19095	-.016507

Sample Name: M4418-11 Acquired: 01/10/2022 2:37:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.084448	.0881333	-.068682
Stddev	.000756	.0016753	.000986
%RSD	.0697084	1.900903	1.435938

#1	1.084888	.0885381	-.067729
#2	1.084881	.0862927	-.069698
#3	1.083575	.0895692	-.068618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.896	44587.02	6882.421	1244.002	1954.182
Stddev	2.349	354.46	55.582	12.940	5.203
%RSD	.1630484	.7949911	.8075993	1.040189	.2662647

#1	1443.607	44812.74	6912.133	1258.214	1958.078
#2	1439.626	44178.47	6818.298	1232.900	1956.196
#3	1439.454	44769.86	6916.833	1240.893	1948.273

Sample Name: M4418-12 Acquired: 01/10/2022 2:41:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1132202	-.008185	2.371288	.0273394	.0064305	88.21599	2.142221
Stddev	.0059481	.008638	.005990	.0040580	.0014080	.37013	.002835
%RSD	5.253549	105.5250	.2526140	14.84312	21.89594	.4195697	.1323385

#1	.1171766	-.010951	2.364712	.0305445	.0070354	87.79596	2.144827
#2	.1063799	.001496	2.376435	.0227766	.0048211	88.35761	2.142633
#3	.1161040	-.015102	2.372717	.0286970	.0074350	88.49439	2.139203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140862	.0489107	82.49664	.1966503	.0639458	.3222009	220.4348
Stddev	.0000508	.0001609	.26071	.0031596	.0001004	.0059842	.2743
%RSD	.3605028	.3288795	.3160266	1.606708	.1569648	1.857299	.1244416

#1	.0140684	.0487640	82.51281	.2002787	.0638398	.3171462	220.1880
#2	.0140467	.0488854	82.74889	.1951670	.0639584	.3206480	220.3863
#3	.0141434	.0490827	82.22822	.1945053	.0640393	.3288085	220.7301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.735110	25.01851	.1753329	-.017272	2.320351	.2556419	6.517110
Stddev	.007677	.09553	.0003494	.001121	.351737	.0044639	.091151
%RSD	.1621325	.3818259	.1992970	6.488575	15.15881	1.746156	1.398635

#1	4.730799	24.97257	.1756373	-.018163	2.483642	.2606377	6.507596
#2	4.743974	24.95464	.1749514	-.017640	1.916647	.2520451	6.431089
#3	4.730557	25.12833	.1754101	-.016014	2.560763	.2542427	6.612644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79913	1.415087	.3629053	.0163597	1.428623	56.31739	.0220901
Stddev	.16178	.002930	.0068400	.0005120	.004409	.52598	.0030917
%RSD	1.172369	.2070250	1.884775	3.129441	.3086303	.9339589	13.99594

#1	13.63628	1.418055	.3551723	.0167806	1.433691	56.30513	.0204466
#2	13.95981	1.412197	.3681630	.0165087	1.425665	56.84939	.0201673
#3	13.80129	1.415009	.3653806	.0157897	1.426513	55.79765	.0256565

Sample Name: M4418-12 Acquired: 01/10/2022 2:41:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.122701	.0600467	.0220178
Stddev	.006237	.0001314	.0008716
%RSD	.5554924	.2187625	3.958627

#1	1.120336	.0600219	.0224335
#2	1.129774	.0601887	.0226038
#3	1.117993	.0599295	.0210162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.482	44380.34	6942.262	1228.800	1958.354
Stddev	4.318	688.72	39.851	16.591	5.543
%RSD	.2991468	1.551851	.5740391	1.350191	.2830387

#1	1448.288	43585.09	6969.180	1209.687	1964.460
#2	1442.231	44774.26	6896.481	1239.492	1956.960
#3	1439.928	44781.66	6961.124	1237.221	1953.641

Sample Name: M4418-13 Acquired: 01/10/2022 2:45:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2575933	-.002221	1.269604	.0195366	.0028765	90.33054	1.516074
Stddev	.0060700	.008988	.004419	.0030674	.0034636	.44169	.005128
%RSD	2.356419	404.7301	.3480366	15.70069	120.4098	.4889687	.3382479

#1	.2532416	-.011790	1.264831	.0181897	.0067685	90.66447	1.521184
#2	.2645275	-.000917	1.273552	.0230470	.0001329	90.49742	1.516109
#3	.2550107	.006044	1.270428	.0173731	.0017282	89.82972	1.510928

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076722	.0174791	40.64390	.1412344	.0810023	.1467495	159.7034
Stddev	.0001998	.0001380	.18029	.0004587	.0001309	.0010214	.8560
%RSD	2.604626	.7895134	.4435784	.3247510	.1615542	.6960286	.5360033

#1	.0074475	.0175065	40.83567	.1407496	.0811018	.1470673	160.5720
#2	.0077391	.0176013	40.61817	.1416614	.0810512	.1456069	159.6777
#3	.0078301	.0173294	40.47785	.1412921	.0808541	.1475742	158.8605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.335449	21.14181	.1589762	-.000935	1.281003	.2620401	2.500538
Stddev	.033608	.09713	.0015717	.000260	.253255	.0044334	.037492
%RSD	.5304691	.4594445	.9886400	27.77516	19.77003	1.691895	1.499338

#1	6.368589	21.22496	.1600702	-.000797	1.159148	.2571495	2.517254
#2	6.336366	21.16543	.1596833	-.000773	1.572151	.2657958	2.457596
#3	6.301392	21.03504	.1571752	-.001234	1.111711	.2631749	2.526764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.362194	.6657946	.1494924	.0042366	.2947505	56.95739	-.011190
Stddev	.050988	.0039763	.0076788	.0001118	.0034082	.47757	.001796
%RSD	.6097402	.5972320	5.136563	2.639050	1.156294	.8384635	16.05366

#1	8.343576	.6670968	.1567472	.0042246	.2978182	56.49924	-.012955
#2	8.419874	.6689565	.1414503	.0041312	.2953516	57.45225	-.011249
#3	8.323131	.6613304	.1502798	.0043539	.2910818	56.92067	-.009364

Sample Name: M4418-13 Acquired: 01/10/2022 2:45:28 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.191917	.0542267	-.023460
Stddev	.003544	.0009294	.000823
%RSD	.2973245	1.713845	3.508323

#1	1.193942	.0551531	-.024089
#2	1.187825	.0532944	-.023762
#3	1.193983	.0542325	-.022528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.744	44446.43	6832.678	1240.337	1995.089
Stddev	5.008	99.65	25.135	13.112	9.104
%RSD	.3487938	.2242107	.3678682	1.057159	.4563323

#1	1435.189	44556.11	6861.663	1239.884	1994.593
#2	1431.037	44361.45	6819.469	1253.669	1986.243
#3	1441.006	44421.73	6816.900	1227.456	2004.431

Sample Name: M4418-14 Acquired: 01/10/2022 2:49:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874935	-.001488	.6154340	.0230663	.0021993	101.6394	1.759748
Stddev	.0070183	.003063	.0039380	.0045112	.0012053	.0579	.007915
%RSD	8.021541	205.8789	.6398799	19.55777	54.80319	.0570045	.4497913

#1	.0889794	-.005015	.6198731	.0202078	.0008415	101.7056	1.751323
#2	.0936499	.000509	.6123604	.0282669	.0026134	101.6148	1.760893
#3	.0798512	.000042	.6140687	.0207241	.0031429	101.5979	1.767029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087025	.0176261	96.58156	.1589139	.0588727	.4019101	151.8946
Stddev	.0001657	.0001025	.17764	.0016617	.0003461	.0082215	.0748
%RSD	1.903930	.5814158	.1839308	1.045662	.5879523	2.045619	.0492497

#1	.0086433	.0175089	96.41885	.1581378	.0589368	.4113319	151.8547
#2	.0088896	.0176989	96.55475	.1608217	.0584990	.3982074	151.9810
#3	.0085745	.0176706	96.77109	.1577823	.0591823	.3961910	151.8483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.440855	29.43136	.1297498	-.012736	1.134090	.2731152	2.343914
Stddev	.008109	.08364	.0016953	.000145	.067599	.0012798	.132391
%RSD	.1490371	.2841912	1.306586	1.138612	5.960673	.4686109	5.648285

#1	5.449723	29.46200	.1316602	-.012886	1.212146	.2734252	2.209085
#2	5.433818	29.49535	.1284246	-.012597	1.094683	.2742117	2.348934
#3	5.439025	29.33672	.1291646	-.012725	1.095440	.2717089	2.473724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53370	.7621169	.1564943	.0054645	.6618945	57.80835	.0005329
Stddev	.16921	.0008292	.0024413	.0004091	.0023185	.83252	.0017529
%RSD	1.606387	.1087998	1.559981	7.487019	.3502809	1.440134	328.9261

#1	10.65949	.7628133	.1542392	.0058503	.6634413	58.68019	-.000705
#2	10.60029	.7611997	.1561570	.0050355	.6592287	57.72316	.002539
#3	10.34133	.7623377	.1590866	.0055075	.6630134	57.02170	-.000235

Sample Name: M4418-14 Acquired: 01/10/2022 2:49:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9261383	.0615953	.0270250
Stddev	.0011642	.0008657	.0005924
%RSD	.1257027	1.405396	2.191880

#1	.9250653	.0625592	.0274159
#2	.9259736	.0608842	.0263435
#3	.9273761	.0613426	.0273157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.335	43757.05	6855.721	1233.504	1938.140
Stddev	2.621	240.85	58.717	17.232	5.051
%RSD	.1854677	.5504220	.8564687	1.396988	.2605965

#1	1416.176	44033.89	6798.325	1251.071	1941.967
#2	1412.822	43641.64	6853.163	1232.812	1940.039
#3	1411.009	43595.62	6915.676	1216.628	1932.416

Sample Name: M4418-15 Acquired: 01/10/2022 2:53:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917382	-.009531	.2418038	.0232603	.0016831	135.4242	1.622527
Stddev	.0131123	.003544	.0030350	.0025377	.0021250	1.2475	.007683
%RSD	14.29313	37.18703	1.255149	10.91011	126.2510	.9211635	.4734939

#1	.0776546	-.006917	.2383743	.0243652	.0001811	135.1112	1.615106
#2	.1035935	-.013565	.2428939	.0203574	.0041144	134.3630	1.622028
#3	.0939664	-.008112	.2441432	.0250583	.0007538	136.7983	1.630447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083398	.0013683	46.92940	.1855136	.0981684	.1233289	186.4817
Stddev	.0001008	.0001242	.32088	.0010879	.0004663	.0017337	1.9236
%RSD	1.208537	9.078321	.6837567	.5864252	.4750112	1.405732	1.031511

#1	.0084461	.0012473	46.96360	.1847421	.0981017	.1244174	186.7083
#2	.0083277	.0013622	46.59279	.1850408	.0977390	.1213297	184.4549
#3	.0082456	.0014955	47.23182	.1867579	.0986645	.1242398	188.2820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.180832	28.58875	.1379282	-.015457	.9884721	.3418415	.8551548
Stddev	.044774	.28825	.0006115	.000348	.0241774	.0024891	.0636199
%RSD	.8642292	1.008268	.4433821	2.251685	2.445939	.7281553	7.439580

#1	5.190105	28.65626	.1372235	-.015837	.9851591	.3412346	.7824374
#2	5.132147	28.27273	.1382411	-.015154	1.014135	.3397120	.8824783
#3	5.220243	28.83725	.1383201	-.015380	.966122	.3445780	.9005486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.274648	.4594358	.1659760	.0012957	.1457873	58.96775	-.015795
Stddev	.115823	.0005098	.0064374	.0005654	.0010194	.79867	.001386
%RSD	1.592147	.1109723	3.878509	43.63541	.6992077	1.354426	8.776737

#1	7.257016	.4600091	.1702419	.0013549	.1468841	59.57099	-.014217
#2	7.168652	.4592653	.1585713	.0007031	.1448689	58.06201	-.016350
#3	7.398276	.4590331	.1691149	.0018292	.1456090	59.27025	-.016817

Sample Name: M4418-15 Acquired: 01/10/2022 2:53:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8356180	.0713313	-.032095
Stddev	.0029570	.0011536	.001841
%RSD	.3538702	1.617301	5.737516

#1	.8343758	.0700441	-.032703
#2	.8334848	.0716778	-.030026
#3	.8389935	.0722719	-.033555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.160	43708.04	6733.766	1221.239	1964.357
Stddev	.759	140.71	61.157	11.798	2.384
%RSD	.0535250	.3219224	.9082114	.9661055	.1213676

#1	1417.780	43757.51	6692.359	1223.937	1966.486
#2	1417.667	43549.27	6804.010	1208.325	1964.802
#3	1419.034	43817.32	6704.929	1231.455	1961.781

Sample Name: M4418-16 Acquired: 01/10/2022 2:57:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911995	-.004833	1.868823	.0313890	.0023882	112.0973	1.887181
Stddev	.0239209	.000666	.006475	.0058184	.0019440	1.5870	.012000
%RSD	26.22924	13.77443	.3464516	18.53631	81.39885	1.415774	.6358621

#1	.0926808	-.004717	1.866219	.0367663	.0039302	110.3208	1.874273
#2	.1143454	-.004233	1.864056	.0252122	.0002045	113.3753	1.889272
#3	.0665723	-.005549	1.876194	.0321886	.0030300	112.5957	1.897997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120157	.1130953	152.8611	.2168660	.1475538	.3073379	255.4367
Stddev	.0003010	.0004592	1.5096	.0005791	.0005899	.0098568	3.5394
%RSD	2.505367	.4060048	.9875788	.2670519	.3997942	3.207159	1.385627

#1	.0116771	.1125727	151.2082	.2166819	.1476574	.2964854	251.5845
#2	.0122529	.1132794	154.1670	.2175148	.1469189	.3157348	258.5451
#3	.0121172	.1134339	153.2080	.2164012	.1480850	.3097935	256.1805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90409	59.86012	.3397344	-.019964	1.561945	.3402467	12.90261
Stddev	.14659	.84393	.0018742	.000218	.057268	.0053703	.16534
%RSD	1.344364	1.409845	.5516586	1.093007	3.666456	1.578366	1.281482

#1	10.74272	58.95163	.3389630	-.019906	1.615061	.3340564	12.89991
#2	11.02904	60.61967	.3383690	-.020205	1.501275	.3430254	12.73864
#3	10.94049	60.00907	.3418712	-.019780	1.569500	.3436585	13.06929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88323	.7602297	.2604540	.0059484	.3797835	52.91950	.0033466
Stddev	.26976	.0043010	.0017436	.0003718	.0028130	1.07745	.0018175
%RSD	2.093900	.5657551	.6694606	6.249642	.7406887	2.036024	54.30978

#1	12.57502	.7562522	.2612128	.0061330	.3767264	51.70868	.0044824
#2	13.07643	.7596430	.2616897	.0061918	.3803614	53.77258	.0012503
#3	12.99823	.7647940	.2584596	.0055205	.3822626	53.27724	.0043071

Sample Name: M4418-16 Acquired: 01/10/2022 2:57:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.586374	.1361857	.0182254
Stddev	.015503	.0006580	.0010539
%RSD	.9772562	.4832026	5.782591

#1	1.569843	.1354412	.0187911
#2	1.588691	.1366897	.0170094
#3	1.600588	.1364262	.0188755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.915	46073.14	7143.263	1263.462	1864.279
Stddev	5.683	187.34	139.203	4.646	5.058
%RSD	.3884949	.4066220	1.948729	.3676971	.2712994

#1	1469.473	46283.77	7302.472	1258.480	1869.990
#2	1459.420	46010.56	7044.506	1267.675	1862.483
#3	1459.853	45925.10	7082.810	1264.230	1860.365

Sample Name: M4418-17 Acquired: 01/10/2022 3:01:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0938757	-.003555	2.356621	.0344604	.0028189	121.6837	3.117644
Stddev	.0084499	.006307	.009003	.0089063	.0043875	.9025	.005191
%RSD	9.001217	177.3919	.3820391	25.84507	155.6439	.7416423	.1665141

#1	.1021912	.003143	2.360352	.0245162	.0017282	120.6664	3.123304
#2	.0852974	-.004430	2.346352	.0371619	-.000920	121.9967	3.113105
#3	.0941383	-.009379	2.363159	.0417033	.007649	122.3879	3.116522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132257	.0745855	97.19125	.2241114	.2262915	.3609077	259.7461
Stddev	.0001642	.0002644	.30581	.0003719	.0012413	.0086155	2.0732
%RSD	1.241462	.3544605	.3146450	.1659449	.5485597	2.387169	.7981785

#1	.0130368	.0747668	96.87284	.2240468	.2261947	.3510359	257.4587
#2	.0133067	.0747076	97.21822	.2237761	.2251015	.3647768	260.2781
#3	.0133337	.0742822	97.48267	.2245114	.2275785	.3669103	261.5015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.09430	28.22476	.3130302	-.021085	1.430742	.4194808	12.05580
Stddev	.12965	.25453	.0003903	.000071	.309523	.0076761	.19513
%RSD	.6451881	.9017974	.1246710	.3352745	21.63373	1.829900	1.618573

#1	19.94844	27.93097	.3129789	-.021108	1.073577	.4139554	12.05508
#2	20.13803	28.36447	.3126682	-.021141	1.597943	.4162413	12.25129
#3	20.19643	28.37884	.3134436	-.021005	1.620705	.4282455	11.86102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97930	.5840724	.2469639	.0070116	.2963756	54.37077	.0001628
Stddev	.14936	.0011943	.0019734	.0003419	.0020120	.11905	.0017053
%RSD	1.360358	.2044746	.7990555	4.875910	.6788711	.2189553	1047.600

#1	10.80721	.5828908	.2447851	.0070164	.2983931	54.29171	-.000216
#2	11.05548	.5840475	.2474756	.0066674	.2963647	54.31291	.002026
#3	11.07521	.5852790	.2486310	.0073511	.2943691	54.50769	-.001321

Sample Name: M4418-17 Acquired: 01/10/2022 3:01:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.207649	.1008504	.0187758
Stddev	.002086	.0011226	.0020069
%RSD	.1726952	1.113111	10.68868

#1	1.209615	.0995558	.0209385
#2	1.205461	.1014398	.0184153
#3	1.207872	.1015555	.0169736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.796	46966.27	7185.596	1300.935	1908.438
Stddev	1.183	287.55	31.430	3.914	4.584
%RSD	.0792257	.6122381	.4374020	.3008233	.2401998

#1	1493.736	47210.92	7221.699	1299.382	1907.052
#2	1491.468	47038.35	7170.756	1298.037	1913.555
#3	1493.184	46649.54	7164.334	1305.387	1904.706

Sample Name: CCV064 Acquired: 01/10/2022 3:05:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.040055	4.899531	24.51320	4.887704	4.897898	399.7986
Stddev	.054000	.008076	.00628	.016348	.011619	2.7856
%RSD	1.071415	.1648383	.0256126	.3344697	.2372217	.6967509

#1	5.102216	4.908822	24.51030	4.906337	4.905213	398.6635
#2	5.004733	4.894189	24.50890	4.881002	4.884501	397.7598
#3	5.013216	4.895583	24.52041	4.875772	4.903982	402.9725

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02356	.5127838	2.468362	393.7566	15.22543	2.483681
Stddev	.01511	.0024875	.001094	1.6495	.08670	.001813
%RSD	.1507632	.4851006	.0443200	.4189219	.5694311	.0729974

#1	10.00660	.5141757	2.469582	392.8256	15.31582	2.485767
#2	10.03561	.5142638	2.467469	392.7832	15.21750	2.482796
#3	10.02845	.5099119	2.468035	395.6612	15.14297	2.482481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82789	393.3335	14.58317	384.5479	2.485424	1.233829
Stddev	.13812	3.0432	.12874	2.8104	.003631	.009111
%RSD	.9314710	.7736893	.8827708	.7308208	.1460846	.7384468

#1	14.83181	391.1200	14.50416	382.6355	2.487206	1.243981
#2	14.68785	392.0768	14.51363	383.2336	2.481247	1.231145
#3	14.96401	396.8038	14.73172	387.7746	2.487820	1.226361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.3551	2.451812	13.68492	151.5869	F 5.952417	5.189239
Stddev	2.5803	.017947	.32174	.9856	.015046	.023929
%RSD	.6559765	.7320086	2.351021	.6502181	.2527693	.4611325

#1	393.2708	2.440866	13.43577	151.7838	5.969239	5.211767
#2	390.8179	2.442046	13.57083	150.5177	5.947767	5.191832
#3	395.9765	2.472525	14.04815	152.4592	5.940245	5.164119

Sample Name: CCV064 Acquired: 01/10/2022 3:05:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857073	5.225761	5.027119	5.013952	4.919977	5.038495
Stddev	.014045	.008838	.027319	.012694	.015360	.002668
%RSD	.2891747	.1691192	.5434395	.2531803	.3121896	.0529492

#1	4.868868	5.234408	5.052000	4.999309	4.908454	5.035839
#2	4.841535	5.226130	5.031473	5.021855	4.937415	5.038471
#3	4.860816	5.216744	4.997884	5.020691	4.914062	5.041174

Elem	Sr4077
Units	ppm
Avg	4.730949
Stddev	.004192
%RSD	.0886155

#1	4.728346
#2	4.728716
#3	4.735786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.759	36080.61	5769.193	953.4316	1534.578
Stddev	2.679	136.22	7.971	11.6149	1.795
%RSD	.2511087	.3775532	.1381613	1.218221	.1169604

#1	1064.340	35979.67	5772.502	962.4701	1532.956
#2	1069.638	36235.56	5774.975	957.4935	1534.271
#3	1066.298	36026.62	5760.100	940.3313	1536.506

Sample Name: CCB064 Acquired: 01/10/2022 3:13:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006301	.0003779	.0011469	.0049494	-.000898	.0032289	.0001288
Stddev	.001878	.0028066	.0007252	.0054586	.001327	.0028539	.0003841
%RSD	29.80314	742.7652	63.23759	110.2892	147.7314	88.38713	298.2002

#1	-.007786	-.002093	.0003283	-.000640	-.002421	.0046590	-.000314
#2	-.004190	.003430	.0014029	.010267	-.000280	.0050851	.000365
#3	-.006926	-.000203	.0017094	.005221	.000007	-.000057	.000335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0001570	.0168013	-.000305	.0000168	-.000891	-.007733
Stddev	.000073	.0000899	.0103905	.000536	.0004359	.000870	.022903
%RSD	88.72607	57.27013	61.84361	175.6399	2595.554	97.61271	296.1817

#1	-.000160	.0000539	.0279608	-.000447	.0003047	-.001691	-.009127
#2	-.000017	.0002189	.0074055	-.000755	.0002304	-.001016	.015835
#3	-.000069	.0001983	.0150376	.000287	-.000485	.000035	-.029906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010765	.0073928	.0003543	.0002023	.0462649	.0008613	.0116216
Stddev	.0006629	.0233228	.0003400	.0002687	.1770816	.0041656	.0311014
%RSD	61.58122	315.4792	95.95377	132.8751	382.7562	483.6645	267.6178

#1	.0008236	.0114500	.0007407	.0001998	.0414651	-.003066	-.021652
#2	.0018286	.0284209	.0002212	.0004722	-.128368	.000420	.039960
#3	.0005772	-.017692	.0001011	-.000065	.225698	.005230	.016557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967454	-.001163	.0016250	.0007619	.0003683	.0035527	.0016396
Stddev	.1448787	.000410	.0017579	.0004198	.0003489	.0014632	.0012602
%RSD	73.63765	35.22659	108.1757	55.10739	94.73711	41.18505	76.85928

#1	.1418245	-.000921	.0000086	.0002774	.0007639	.0018675	.0008786
#2	.3610547	-.001636	.0034964	.0009885	.0002361	.0042901	.0030942
#3	.0873570	-.000932	.0013700	.0010197	.0001048	.0045005	.0009460

Sample Name: CCB064 Acquired: 01/10/2022 3:13:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017150	.0000286	-.000013
Stddev	.0009340	.0016292	.000119
%RSD	54.46073	5703.971	947.6111

#1	.0019512	.0007678	.000016
#2	.0025082	-.001839	-.000143
#3	.0006856	.001157	.000090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.120	39633.79	6039.492	1107.996	2063.384
Stddev	2.508	203.85	40.663	5.238	2.709
%RSD	.1943728	.5143269	.6732858	.4727613	.1312704

#1	1287.473	39434.64	6050.700	1105.028	2061.295
#2	1290.429	39842.03	5994.400	1114.044	2062.412
#3	1292.460	39624.70	6073.375	1104.915	2066.444

Sample Name: M4418-18 Acquired: 01/10/2022 3:17:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080102	-.008078	2.747571	.0276678	.0042307	110.6759	2.177506
Stddev	.0139350	.003554	.002176	.0059103	.0060887	1.9120	.002379
%RSD	12.90160	43.99896	.0792103	21.36179	143.9157	1.727532	.1092663

#1	.1240662	-.004973	2.746827	.0261626	.0111703	108.7993	2.175092
#2	.1008983	-.007307	2.745864	.0226556	-.000216	110.6070	2.179850
#3	.0990661	-.011955	2.750021	.0341852	.001738	112.6213	2.177575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176053	.0447029	77.39925	.1811914	.1160771	.3098193	232.5376
Stddev	.0001224	.0001642	.54347	.0018095	.0004982	.0083058	3.4528
%RSD	.6954862	.3672184	.7021695	.9986783	.4292293	2.680836	1.484839

#1	.0174712	.0448558	76.86833	.1809418	.1155105	.3025450	229.0371
#2	.0176335	.0447236	77.37496	.1831127	.1164470	.3080436	232.6349
#3	.0177111	.0445294	77.95446	.1795196	.1162736	.3188693	235.9407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.245204	22.93933	.2596344	-.018415	1.909596	.3316607	9.131792
Stddev	.110328	.28376	.0007407	.000335	.313725	.0056293	.089133
%RSD	1.338084	1.237016	.2852881	1.819279	16.42887	1.697296	.9760709

#1	8.125532	22.63193	.2591980	-.018297	2.141893	.3261815	9.117743
#2	8.267211	22.99478	.2592155	-.018155	1.552715	.3313717	9.050518
#3	8.342870	23.19127	.2604896	-.018793	2.034181	.3374289	9.227115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.956666	.4179299	.3043458	.0087680	.4892122	53.85214	-.000409
Stddev	.158308	.0016205	.0126284	.0005148	.0013050	.31219	.003680
%RSD	1.767492	.3877385	4.149348	5.870973	.2667621	.5797144	898.8438

#1	8.803503	.4168945	.2960509	.0089114	.4882575	53.49201	.003387
#2	8.946832	.4197974	.2981072	.0081968	.4906993	54.01823	-.000654
#3	9.119661	.4170977	.3188794	.0091959	.4886799	54.04617	-.003961

Sample Name: M4418-18 Acquired: 01/10/2022 3:17:35 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAG0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.476055	.0891121	.0116391
Stddev	.011639	.0012281	.0029417
%RSD	.7884951	1.378212	25.27450

#1	1.483967	.0891153	.0146086
#2	1.481507	.0903387	.0115827
#3	1.462691	.0878824	.0087259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.845	46532.56	7181.375	1302.435	1948.179
Stddev	2.306	113.90	34.785	7.521	1.147
%RSD	.1536455	.2447662	.4843745	.5774595	.0588651

#1	1499.224	46584.86	7219.859	1307.245	1947.052
#2	1503.485	46401.90	7152.172	1293.767	1949.344
#3	1499.825	46610.91	7172.093	1306.291	1948.140

Sample Name: M4418-19 Acquired: 01/10/2022 3:21:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990264	-.008295	1.816750	.0247672	.0030436	98.81599	1.867190
Stddev	.0095279	.003805	.008689	.0007849	.0065381	.55270	.001925
%RSD	9.621601	45.87064	.4782589	3.169274	214.8136	.5593229	.1031107

#1	.0975465	-.012456	1.815891	.0239049	-.002442	99.36595	1.868866
#2	.1092077	-.004993	1.808523	.0254402	.001295	98.26059	1.865087
#3	.0903250	-.007436	1.825837	.0249566	.010278	98.82143	1.867618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134614	.0411959	70.12846	.1634006	.1043158	.3264499	204.0671
Stddev	.0001798	.0000537	.29237	.0004564	.0006801	.0032614	1.2741
%RSD	1.335526	.1303383	.4169129	.2793165	.6519904	.9990674	.6243394

#1	.0134144	.0412579	70.13077	.1629675	.1049941	.3289221	205.2857
#2	.0136601	.0411664	69.83494	.1638772	.1036339	.3227535	202.7440
#3	.0133099	.0411634	70.41967	.1633571	.1043194	.3276743	204.1718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.817215	20.89765	.2173142	-.015843	1.462694	.3015642	9.768251
Stddev	.036234	.06064	.0006402	.000300	.127004	.0051341	.118209
%RSD	.5315126	.2901682	.2946036	1.895137	8.682874	1.702498	1.210136

#1	6.836257	20.91835	.2176848	-.015614	1.441423	.3057017	9.713426
#2	6.775430	20.82938	.2165749	-.016183	1.347668	.2958185	9.903918
#3	6.839959	20.94523	.2176828	-.015731	1.598990	.3031724	9.687410

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.574002	.4757933	.2606494	.0094269	.3777922	53.55320	-.001795
Stddev	.042451	.0006789	.0027459	.0003596	.0008948	.19805	.001404
%RSD	.4951127	.1426955	1.053486	3.814442	.2368572	.3698185	78.23903

#1	8.582154	.4758252	.2637380	.0090451	.3770105	53.32824	-.000811
#2	8.611787	.4750989	.2584842	.0094765	.3787682	53.70132	-.001171
#3	8.528067	.4764557	.2597261	.0097591	.3775979	53.63003	-.003402

Sample Name: M4418-19 Acquired: 01/10/2022 3:21:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.365677	.0742722	.0312901
Stddev	.011371	.0001323	.0020224
%RSD	.8326307	.1780798	6.463414

#1	1.353157	.0741711	.0290157
#2	1.368512	.0742238	.0328860
#3	1.375363	.0744219	.0319685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.203	47031.86	7191.881	1306.313	1960.957
Stddev	1.521	171.61	45.340	10.376	3.105
%RSD	.1006496	.3648832	.6304309	.7943295	.1583230

#1	1511.898	47219.69	7213.009	1301.553	1959.237
#2	1512.253	46992.64	7222.801	1318.216	1964.541
#3	1509.459	46883.26	7139.833	1299.171	1959.093

Sample Name: M4418-20 Acquired: 01/10/2022 3:25:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816643	-.013929	1.857615	.0191447	.0029175	98.71896	1.846981
Stddev	.0046573	.004813	.004661	.0020941	.0033684	.87459	.007564
%RSD	5.703013	34.55347	.2509017	10.93840	115.4556	.8859372	.4095273

#1	.0852857	-.010722	1.862321	.0168842	.0030899	98.88289	1.851701
#2	.0764105	-.019463	1.853000	.0195313	.0061964	97.77400	1.838257
#3	.0832967	-.011601	1.857524	.0210186	-.000534	99.49998	1.850985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136906	.0436322	69.72440	.1631900	.1027342	.3299962	204.1397
Stddev	.0000906	.0002044	.25424	.0008189	.0003849	.0011023	1.2748
%RSD	.6619661	.4683854	.3646359	.5018141	.3746878	.3340217	.6244774

#1	.0137729	.0434193	69.86138	.1622552	.1026852	.3306113	204.2471
#2	.0135935	.0438269	69.43104	.1635340	.1023761	.3306537	202.8145
#3	.0137053	.0436502	69.88078	.1637808	.1031413	.3287237	205.3573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.740629	21.25460	.2192891	-.015535	1.434500	.3021234	9.929697
Stddev	.039942	.17388	.0000481	.000536	.108388	.0051315	.096704
%RSD	.5925515	.8180635	.0219304	3.447408	7.555775	1.698479	.9738910

#1	6.756218	21.33362	.2193003	-.016084	1.408345	.3063034	10.04100
#2	6.695244	21.05525	.2193305	-.015508	1.341583	.2963964	9.86626
#3	6.770426	21.37494	.2192363	-.015014	1.553572	.3036705	9.88183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.642279	.4808554	.2633566	.0081723	.3796127	53.58341	-.005531
Stddev	.049049	.0011853	.0015629	.0006103	.0011866	.02350	.002787
%RSD	.5675473	.2464942	.5934612	7.467938	.3125704	.0438521	50.38321

#1	8.671481	.4802471	.2650426	.0076654	.3809095	53.59192	-.002876
#2	8.585651	.4822213	.2630711	.0088497	.3785814	53.55684	-.005285
#3	8.669704	.4800978	.2619562	.0080017	.3793470	53.60146	-.008433

Sample Name: M4418-20 Acquired: 01/10/2022 3:25:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.331561	.0738812	.0267098
Stddev	.003523	.0013867	.0011388
%RSD	.2645957	1.876882	4.263535

#1	1.329707	.0730602	.0268168
#2	1.329352	.0754822	.0277913
#3	1.335624	.0731012	.0255213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.852	47061.92	7183.331	1301.421	1957.620
Stddev	2.063	174.97	35.360	5.611	4.255
%RSD	.1367941	.3717795	.4922550	.4311592	.2173372

#1	1509.983	47065.48	7184.685	1295.012	1958.591
#2	1507.708	47235.08	7217.994	1305.450	1961.305
#3	1505.865	46885.20	7147.313	1303.800	1952.964

Sample Name: M4418-19LX5 Acquired: 01/10/2022 3:29:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316123	-.005711	.3569571	.0064225	.0019414	21.25789	.4040342
Stddev	.0052531	.004151	.0030033	.0050615	.0007152	.08092	.0011110
%RSD	16.61742	72.67121	.8413649	78.80870	36.83624	.3806485	.2749844

#1	.0302593	-.010026	.3580384	.0099830	.0011225	21.26165	.4052100
#2	.0271681	-.001747	.3535628	.0006284	.0022587	21.33686	.4038908
#3	.0374097	-.005361	.3592700	.0086561	.0024431	21.17516	.4030018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030771	.0079468	15.36271	.0357850	.0193200	.0741938	45.17805
Stddev	.0001250	.0000366	.07627	.0006737	.0004986	.0040489	.31677
%RSD	4.061702	.4600461	.4964414	1.882672	2.580724	5.457233	.7011664

#1	.0031074	.0079074	15.38556	.0352037	.0191329	.0730678	44.99133
#2	.0031841	.0079534	15.42493	.0356278	.0198851	.0786865	45.54380
#3	.0029397	.0079796	15.27763	.0365234	.0189420	.0708270	44.99902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498827	4.580300	.0421668	-.003216	.2624322	.0670411	2.156477
Stddev	.007849	.069690	.0004230	.000064	.3549964	.0031966	.021051
%RSD	.5236453	1.521523	1.003223	1.991657	135.2716	4.768116	.9761698

#1	1.496809	4.542706	.0417013	-.003268	.1533581	.0637523	2.150409
#2	1.507487	4.660714	.0422715	-.003235	-.025229	.0672343	2.139126
#3	1.492184	4.537478	.0425277	-.003144	.659167	.0701367	2.179895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.194103	.0880648	.0575864	.0022646	.0711241	11.90132	-.015873
Stddev	.096915	.0006559	.0005936	.0006406	.0011487	.10065	.000998
%RSD	4.417052	.7447724	1.030799	28.28583	1.615102	.8457411	6.289991

#1	2.257560	.0873164	.0575809	.0016603	.0724494	12.01532	-.014731
#2	2.242201	.0885397	.0569956	.0021974	.0704146	11.82473	-.016579
#3	2.082548	.0883382	.0581827	.0029361	.0705082	11.86390	-.016309

Sample Name: M4418-19LX5 Acquired: 01/10/2022 3:29:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2968414	.0165187	.0060141
Stddev	.0031131	.0008101	.0002473
%RSD	1.048751	4.903998	4.112044

#1	.2932726	.0159172	.0059852
#2	.2982518	.0161990	.0057825
#3	.2989996	.0174398	.0062745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.305	40712.60	6195.330	1135.547	2010.567
Stddev	1.982	388.22	8.586	11.543	2.280
%RSD	.1494449	.9535655	.1385802	1.016545	.1133906

#1	1328.524	41007.42	6191.295	1146.676	2013.175
#2	1324.711	40272.74	6189.505	1123.630	2009.571
#3	1325.679	40857.64	6205.190	1136.334	2008.954

Sample Name: M4418-21 Acquired: 01/10/2022 3:33:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679697	.0731710	1.879396	.1911900	.0260501	109.1804	5.753844
Stddev	.0042646	.0015049	.004270	.0050912	.0028447	1.2630	.016962
%RSD	2.538928	2.056690	.2272022	2.662921	10.92010	1.156812	.2947883

#1	.1631527	.0748758	1.884226	.1864088	.0288537	107.7275	5.744860
#2	.1712641	.0720273	1.876122	.1906181	.0261307	109.7977	5.773408
#3	.1694922	.0726098	1.877840	.1965430	.0231660	110.0161	5.743264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1131525	.1497707	57.90726	.5651616	1.179201	.8055470	211.8565
Stddev	.0006803	.0000691	.26137	.0019575	.001908	.0123566	2.1733
%RSD	.6012083	.0461088	.4513543	.3463580	.1617947	1.533935	1.025845

#1	.1127508	.1498285	57.60577	.5665048	1.177739	.7913150	209.4234
#2	.1127686	.1497893	58.06974	.5660643	1.178506	.8135419	212.5407
#3	.1139379	.1496942	58.04628	.5629156	1.181359	.8117840	213.6053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.806333	21.10186	1.320168	.0718350	1.541751	1.240727	13.08648
Stddev	.067636	.14860	.001843	.0003087	.155559	.017968	.05777
%RSD	.8664285	.7041995	.1396004	.4297148	10.08976	1.448173	.4414522

#1	7.734223	20.93570	1.321144	.0714786	1.400218	1.220020	13.10117
#2	7.816411	21.14787	1.321318	.0720072	1.516732	1.249963	13.13548
#3	7.868365	21.22201	1.318043	.0720191	1.708304	1.252198	13.02278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.946194	.4400550	.2782345	.0100211	.3893276	47.35627	.0321705
Stddev	.181113	.0017962	.0055776	.0003268	.0016632	.36032	.0021477
%RSD	2.024472	.4081830	2.004650	3.261469	.4271965	.7608681	6.676011

#1	8.753050	.4397732	.2718090	.0103400	.3901418	47.05862	.0345767
#2	8.973315	.4384164	.2818281	.0096869	.3874142	47.25334	.0304475
#3	9.112218	.4419755	.2810663	.0100363	.3904268	47.75686	.0314872

Sample Name: M4418-21 Acquired: 01/10/2022 3:33:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.572473	.0788843	.0020627
Stddev	.004872	.0008607	.0015672
%RSD	.3098022	1.091126	75.97844

#1	1.577422	.0789196	.0037890
#2	1.567683	.0780065	.0016695
#3	1.572315	.0797268	.0007295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.060	46799.11	7159.479	1289.581	1938.766
Stddev	3.082	301.39	34.435	5.152	2.717
%RSD	.2059939	.6440093	.4809717	.3994769	.1401276

#1	1499.468	46536.42	7197.987	1288.725	1941.192
#2	1493.469	46732.76	7148.806	1284.911	1935.831
#3	1495.243	47128.15	7131.645	1295.107	1939.277

Sample Name: M4418-22 Acquired: 01/10/2022 3:37:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1092828	-.007138	2.190868	.0221367	.0036998	106.8644	1.966062
Stddev	.0037069	.000543	.007617	.0068443	.0042913	.4973	.001539
%RSD	3.391992	7.608101	.3476588	30.91845	115.9875	.4653885	.0782829

#1	.1089587	-.007371	2.182094	.0299930	-.001255	106.3846	1.967676
#2	.1057487	-.006518	2.194727	.0174640	.006128	106.8310	1.965900
#3	.1131411	-.007526	2.195783	.0189532	.006226	107.3776	1.964610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165464	.0669711	80.16508	.1812768	.1165469	.3614686	231.2530
Stddev	.0002079	.0000987	.23354	.0011273	.0007059	.0046580	1.2964
%RSD	1.256155	.1473799	.2913257	.6218801	.6056386	1.288631	.5606006

#1	.0164487	.0668675	79.90222	.1801292	.1157464	.3561606	230.1359
#2	.0167851	.0669819	80.34866	.1823827	.1168140	.3648747	230.9484
#3	.0164054	.0670640	80.24436	.1813184	.1170802	.3633705	232.6745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.940828	22.59447	.2436682	-.017798	1.532259	.3337092	12.62416
Stddev	.025719	.15679	.0002017	.000403	.263326	.0053297	.27113
%RSD	.3705441	.6939199	.0827651	2.264907	17.18548	1.597094	2.147676

#1	6.914541	22.50803	.2434354	-.018097	1.661669	.3307687	12.91941
#2	6.942005	22.49993	.2437899	-.017340	1.705841	.3304976	12.38637
#3	6.965938	22.77545	.2437792	-.017958	1.229268	.3398614	12.56671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.739202	.5435425	.2918583	.0091578	.4855875	54.28888	-.001454
Stddev	.116913	.0018958	.0029438	.0000762	.0012309	.56212	.002078
%RSD	1.200433	.3487903	1.008652	.8322868	.2534815	1.035427	142.9068

#1	9.610618	.5457178	.2931184	.0092362	.4848036	53.71856	-.001639
#2	9.767881	.5426675	.2884942	.0091533	.4849526	54.84243	.000710
#3	9.839106	.5422422	.2939624	.0090839	.4870062	54.30564	-.003432

Sample Name: M4418-22 Acquired: 01/10/2022 3:37:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXAG2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.232147	.0839810	.0342630
Stddev	.005262	.0004214	.0008526
%RSD	.4270207	.5018284	2.488373

#1	1.226441	.0844631	.0345848
#2	1.236807	.0836825	.0349079
#3	1.233193	.0837974	.0332964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.984	47414.14	7304.995	1322.451	1946.725
Stddev	2.538	306.46	35.105	12.469	3.566
%RSD	.1669981	.6463549	.4805593	.9428633	.1831991

#1	1522.675	47164.24	7345.275	1309.597	1950.123
#2	1519.644	47756.08	7280.919	1334.496	1947.039
#3	1517.632	47322.11	7288.791	1323.259	1943.011

Sample Name: M4450-03 Acquired: 01/10/2022 3:41:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0904530	-.011099	.3653664	.0189562	.0044205	103.6595	1.748075
Stddev	.0051073	.004243	.0013367	.0027372	.0034176	.3701	.009535
%RSD	5.646313	38.22711	.3658585	14.43945	77.31197	.3570516	.5454750

#1	.0951456	-.011236	.3668039	.0160968	.0082480	103.8711	1.758048
#2	.0850133	-.015271	.3641608	.0192197	.0033393	103.8753	1.747131
#3	.0912000	-.006789	.3651344	.0215520	.0016744	103.2321	1.739047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164901	.0208402	105.3874	.1589534	.0603710	.1731032	184.4197
Stddev	.0001611	.0001619	.1244	.0009178	.0006721	.0015151	.1720
%RSD	.9766654	.7766739	.1180328	.5773742	1.113321	.8752834	.0932910

#1	.0163586	.0210170	105.3970	.1581789	.0600210	.1717777	184.3344
#2	.0166697	.0208044	105.5067	.1587143	.0599461	.1747548	184.6177
#3	.0164419	.0206993	105.2585	.1599671	.0611459	.1727770	184.3070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.263241	36.14242	.1795775	-.015059	1.583173	.2729863	2.550321
Stddev	.003647	.12359	.0008679	.000323	.262592	.0006100	.027631
%RSD	.1117497	.3419400	.4833156	2.147329	16.58647	.2234574	1.083437

#1	3.261674	36.00006	.1796523	-.015115	1.341753	.2736892	2.581942
#2	3.267409	36.22218	.1804055	-.014711	1.545005	.2726754	2.538193
#3	3.260640	36.20502	.1786745	-.015351	1.862761	.2725944	2.530827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76320	.8365171	.3662052	.0039729	.3944899	57.47671	-.016090
Stddev	.02893	.0015710	.0062137	.0002872	.0010374	.77681	.001875
%RSD	.2687596	.1878010	1.696794	7.229364	.2629773	1.351517	11.65528

#1	10.73251	.8379999	.3620250	.0036524	.3933858	56.72305	-.015896
#2	10.78997	.8348707	.3733456	.0040593	.3946396	58.27476	-.014320
#3	10.76713	.8366806	.3632450	.0042069	.3954443	57.43232	-.018055

Sample Name: M4450-03 Acquired: 01/10/2022 3:41:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB59 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9434412	.0699641	.0501824
Stddev	.0032779	.0015166	.0009139
%RSD	.3474398	2.167605	1.821170

#1	.9451166	.0682776	.0512068
#2	.9396642	.0703994	.0494506
#3	.9455428	.0712155	.0498899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.954	46223.88	7087.546	1291.562	1935.891
Stddev	3.931	361.83	26.055	16.486	4.284
%RSD	.2663364	.7827817	.3676106	1.276433	.2212836

#1	1471.708	45998.70	7104.550	1272.568	1930.980
#2	1479.467	46641.25	7057.550	1302.166	1938.859
#3	1476.688	46031.68	7100.539	1299.950	1937.834

Sample Name: M4450-04 Acquired: 01/10/2022 3:45:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1225504	-.011888	.4078066	.0168244	-.000548	101.0133	2.023716
Stddev	.0266086	.005545	.0019905	.0033444	.001339	.9876	.011578
%RSD	21.71234	46.64100	.4881095	19.87831	244.4494	.9777059	.5720993

#1	.1441150	-.009087	.4066643	.0189992	-.000589	99.9386	2.010439
#2	.1307217	-.018274	.4101051	.0185006	.000812	101.2202	2.028999
#3	.0928144	-.008302	.4066505	.0129733	-.001866	101.8810	2.031710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090031	.0350934	113.2963	.1612855	.0972080	.1829770	183.5226
Stddev	.0002215	.0001481	.8002	.0003309	.0003425	.0025734	1.4283
%RSD	2.460239	.4221351	.7062466	.2051385	.3523238	1.406396	.7782950

#1	.0090484	.0349736	112.4854	.1615114	.0972808	.1847731	182.1286
#2	.0091984	.0350475	113.3182	.1609057	.0975083	.1841289	183.4563
#3	.0087624	.0352590	114.0853	.1614393	.0968350	.1800288	184.9830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.202639	51.45807	.2111588	-.014533	1.175588	.3403358	3.099940
Stddev	.044569	.43123	.0012455	.000736	.112470	.0039717	.040872
%RSD	.8566547	.8380187	.5898517	5.061849	9.567082	1.166987	1.318478

#1	5.160059	51.00382	.2101475	-.015381	1.069599	.3359639	3.055635
#2	5.198897	51.50858	.2125500	-.014145	1.293576	.3413220	3.136175
#3	5.248960	51.86183	.2107789	-.014072	1.163590	.3437215	3.108009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.549955	.7353896	.1643437	.0027891	.2334802	57.34264	-.014089
Stddev	.096565	.0082745	.0024319	.0005132	.0016118	.34074	.004052
%RSD	1.129424	1.125180	1.479768	18.40034	.6903293	.5942228	28.76047

#1	8.440888	.7406294	.1644845	.0029718	.2347192	56.95132	-.011033
#2	8.584412	.7396889	.1618445	.0031860	.2340633	57.57374	-.012547
#3	8.624566	.7258505	.1667022	.0022095	.2316580	57.50287	-.018685

Sample Name: M4450-04 Acquired: 01/10/2022 3:45:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8444669	.0745952	-.008867
Stddev	.0043610	.0012006	.000606
%RSD	.5164158	1.609496	6.837942

#1	.8394560	.0754825	-.008267
#2	.8474033	.0750740	-.008856
#3	.8465415	.0732291	-.009479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.891	46032.29	7053.370	1283.777	1923.398
Stddev	1.450	198.75	44.388	1.219	1.805
%RSD	.0984543	.4317608	.6293141	.0949436	.0938699

#1	1472.131	46028.64	7104.071	1283.728	1922.294
#2	1471.978	46232.84	7034.524	1282.583	1922.418
#3	1474.563	45835.39	7021.514	1285.019	1925.481

Sample Name: M4450-05 Acquired: 01/10/2022 3:49:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880364	-.007837	.4508836	.0264180	.0006902	102.9081	1.981685
Stddev	.0170316	.005595	.0025869	.0050803	.0021603	2.9080	.066083
%RSD	19.34607	71.39009	.5737418	19.23044	312.9950	2.825864	3.334698

#1	.1075118	-.004253	.4479258	.0206535	.0019520	100.2119	1.912338
#2	.0759310	-.004974	.4527241	.0283584	-.001804	105.9896	2.043930
#3	.0806663	-.014284	.4520009	.0302421	.001923	102.5228	1.988787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094133	.0624111	85.26094	.1671366	.0882609	.2011181	170.4198
Stddev	.0002540	.0001795	2.76307	.0009664	.0005843	.0056175	4.3917
%RSD	2.698167	.2876405	3.240721	.5782204	.6619887	2.793149	2.576988

#1	.0094161	.0625962	82.45569	.1664525	.0876686	.1963043	165.9827
#2	.0096658	.0622378	87.97981	.1667151	.0882772	.2072903	174.7646
#3	.0091579	.0623992	85.34733	.1682422	.0888368	.1997596	170.5121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.596069	38.53910	.2160354	-.013712	1.261709	.2850894	5.349806
Stddev	.129780	.98401	.0005529	.000675	.152101	.0090791	.115089
%RSD	2.823708	2.553267	.2559179	4.923646	12.05516	3.184669	2.151275

#1	4.465251	37.56397	.2166415	-.014400	1.234844	.2757257	5.225253
#2	4.724785	39.53175	.2159060	-.013051	1.425453	.2938543	5.452212
#3	4.598169	38.52158	.2155586	-.013686	1.124830	.2856881	5.371955

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.241707	.7927280	.1608496	.0020289	.2859701	59.42786	-.014880
Stddev	.326246	.0021407	.0035831	.0003902	.0006295	1.73337	.003217
%RSD	3.958473	.2700435	2.227591	19.23066	.2201251	2.916767	21.62026

#1	7.998703	.7945873	.1571313	.0022463	.2866647	58.07082	-.011305
#2	8.612504	.7932089	.1642801	.0015784	.2854373	61.38051	-.017541
#3	8.113913	.7903877	.1611374	.0022618	.2858082	58.83224	-.015795

Sample Name: M4450-05 Acquired: 01/10/2022 3:49:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7064649	.0793088	.0344543
Stddev	.0232127	.0025779	.0022319
%RSD	3.285756	3.250459	6.477749

#1	.6804320	.0763921	.0318777
#2	.7250083	.0802524	.0356947
#3	.7139544	.0812820	.0357904

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.870	46724.48	7184.842	1302.960	1950.275
Stddev	.759	301.58	192.499	7.415	2.104
%RSD	.0509589	.6454350	2.679236	.5690832	.1078663

#1	1489.606	46718.46	7364.084	1306.284	1952.441
#2	1488.913	47029.03	6981.379	1308.132	1948.239
#3	1488.091	46425.97	7209.064	1294.465	1950.145

Sample Name: M4450-06 Acquired: 01/10/2022 3:53:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826525	-.013057	.3673375	.0213156	.0034137	109.0128	2.450438
Stddev	.0142723	.006249	.0035138	.0070476	.0018204	1.2021	.010182
%RSD	17.26784	47.86343	.9565648	33.06302	53.32551	1.102733	.4155263

#1	.0761720	-.006582	.3636113	.0237692	.0018994	109.9679	2.456365
#2	.0727702	-.019054	.3678101	.0133692	.0054333	107.6629	2.438680
#3	.0990153	-.013534	.3705911	.0268085	.0029084	109.4075	2.456267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086396	.0395062	60.92102	.1567250	.0596040	.1323079	145.6673
Stddev	.0001357	.0001505	.39635	.0009434	.0002614	.0005887	1.2962
%RSD	1.570724	.3809718	.6505924	.6019718	.4384879	.4449357	.8898288

#1	.0087902	.0395337	61.27690	.1561599	.0596756	.1321949	146.7442
#2	.0085269	.0393438	60.49388	.1578141	.0593143	.1317839	144.2287
#3	.0086018	.0396410	60.99229	.1562009	.0598221	.1329449	146.0290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.533765	23.14111	.1384067	-.011422	1.004163	.2747430	3.438621
Stddev	.028372	.22126	.0008126	.000714	.054687	.0023327	.059280
%RSD	.8028700	.9561435	.5871347	6.251819	5.446025	.8490640	1.723935

#1	3.555171	23.30162	.1382714	-.010620	.982152	.2721638	3.495225
#2	3.501584	22.88871	.1376703	-.011989	1.066426	.2753601	3.376987
#3	3.544539	23.23299	.1392785	-.011658	.963912	.2767052	3.443652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.461387	.4649924	.1474990	.0006161	.2897208	58.46728	-.008207
Stddev	.088109	.0002334	.0054324	.0001827	.0017544	.40744	.001410
%RSD	1.041306	.0501944	3.682986	29.64640	.6055547	.6968611	17.18423

#1	8.555103	.4651403	.1496852	.0008082	.2916364	58.55280	-.009621
#2	8.380235	.4651136	.1413141	.0004446	.2893339	58.82516	-.006800
#3	8.448822	.4647233	.1514976	.0005957	.2881922	58.02387	-.008200

Sample Name: M4450-06 Acquired: 01/10/2022 3:53:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB62 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6603123	.0596034	.0512046
Stddev	.0008969	.0014508	.0009462
%RSD	.1358266	2.434097	1.847866

#1	.6600319	.0612462	.0508401
#2	.6613159	.0584977	.0522788
#3	.6595892	.0590664	.0504948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.073	45697.27	7057.870	1278.112	1970.932
Stddev	2.058	273.12	32.264	17.598	4.938
%RSD	.1387422	.5976786	.4571371	1.376893	.2505412

#1	1481.976	45493.40	7020.630	1259.244	1974.765
#2	1485.447	46007.59	7075.568	1294.079	1972.672
#3	1481.797	45590.82	7077.412	1281.013	1965.360

Sample Name: M4450-07 Acquired: 01/10/2022 3:57:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400170	-.004421	2.973963	.0343642	.0052174	100.9312
Stddev	.0204670	.004464	.005027	.0098382	.0043231	.8987
%RSD	14.61754	100.9600	.1690470	28.62926	82.85921	.8904407

#1	.1449388	-.007811	2.971978	.0302236	.0097347	99.9105
#2	.1175378	-.006090	2.970231	.0272731	.0047987	101.6037
#3	.1575743	.000636	2.979680	.0455960	.0011189	101.2794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.601375	.0167199	.3245264	103.9101	.1777897	.1475873
Stddev	.004258	.0001123	.0006388	.3831	.0066424	.0010327
%RSD	.1636858	.6719207	.1968306	.3686750	3.736074	.6997500

#1	2.596502	.0167084	.3247549	103.4789	.1854285	.1485789
#2	2.603242	.0168375	.3238048	104.2111	.1745681	.1465178
#3	2.604381	.0166137	.3250195	104.0403	.1733724	.1476652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5815521	256.4647	13.38576	31.50095	.2682340	-.013955
Stddev	.0088314	2.0972	.09424	.22264	.0008694	.001479
%RSD	1.518596	.8177395	.7040111	.7067681	.3241150	10.59820

#1	.5719084	254.4599	13.28471	31.24770	.2692338	-.015663
#2	.5892451	258.6435	13.47125	31.66589	.2676558	-.013121
#3	.5835028	256.2906	13.40130	31.58925	.2678123	-.013083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.153336	.3341569	F 30.25698	13.27749	1.068186	.3013680
Stddev	.111786	.0036201	.78435	.13689	.003317	.0049203
%RSD	5.191298	1.083360	2.592297	1.030993	.3105243	1.632656

#1	2.127042	.3311443	31.09453	13.12027	1.069231	.2956871
#2	2.275925	.3331536	30.13667	13.34192	1.064472	.3042761
#3	2.057040	.3381729	29.53973	13.37027	1.070854	.3041408

Sample Name: M4450-07 Acquired: 01/10/2022 3:57:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133943	.5944233	55.64259	.0058915	1.241700	.0700407
Stddev	.0006933	.0017703	.19149	.0017926	.004651	.0015531
%RSD	5.176018	.2978252	.3441514	30.42777	.3745632	2.217438

#1	.0137055	.5962019	55.58314	.0073376	1.244257	.0717129
#2	.0126000	.5944066	55.48788	.0038858	1.236331	.0686434
#3	.0138775	.5926614	55.85676	.0064510	1.244511	.0697658

Elem	Sr4077
Units	ppm
Avg	-.029236
Stddev	.001339
%RSD	4.579624

#1	-.027761
#2	-.030374
#3	-.029574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.596	45417.60	7099.164	1272.718	1934.204
Stddev	.950	1282.34	19.223	39.923	2.262
%RSD	.0642072	2.823453	.2707789	3.136862	.1169518

#1	1480.545	43995.07	7120.563	1229.520	1933.904
#2	1479.598	45772.91	7083.358	1280.376	1936.601
#3	1478.645	46484.82	7093.569	1308.257	1932.107

Sample Name: M4450-08 Acquired: 01/10/2022 4:01:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1422191	-.011795	2.457722	.0244755	.0048829	108.6262	1.818234
Stddev	.0225266	.005993	.039471	.0080984	.0054484	.5807	.009693
%RSD	15.83935	50.80878	1.606008	33.08756	111.5821	.5346039	.5330740

#1	.1542396	-.005494	2.429596	.0305217	.0023547	108.7961	1.828158
#2	.1162319	-.012469	2.440726	.0276304	.0011578	109.1029	1.817751
#3	.1561858	-.017422	2.502844	.0152746	.0111361	107.9794	1.808791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140344	.1029649	184.1850	.1787979	.1049885	.3015847	239.1641
Stddev	.0002177	.0015689	.7891	.0009101	.0022771	.0011510	1.2759
%RSD	1.551200	1.523675	.4284149	.5090098	2.168886	.3816463	.5334901

#1	.0141273	.1016456	184.6173	.1783509	.1033327	.3008423	239.5315
#2	.0141903	.1025494	184.6634	.1781977	.1040475	.3029106	240.2160
#3	.0137857	.1046996	183.2742	.1798450	.1075852	.3010011	237.7448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.699269	51.27922	.2891498	-.005836	1.811834	.2925712	13.88306
Stddev	.037532	.24854	.0044399	.000689	.247511	.0031168	.32739
%RSD	.4874805	.4846705	1.535506	11.80353	13.66078	1.065322	2.358231

#1	7.705753	51.40211	.2850905	-.005678	1.829867	.2947402	13.77008
#2	7.733138	51.44237	.2884676	-.005240	1.555800	.2889995	14.25198
#3	7.658918	50.99318	.2938913	-.006590	2.049835	.2939738	13.62712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.31556	.7110658	.2501654	.0076553	.4575542	55.05349	.0028529
Stddev	.13015	.0137666	.0035621	.0008930	.0078948	.23184	.0054518
%RSD	.9091435	1.936051	1.423912	11.66525	1.725435	.4211239	191.0988

#1	14.29353	.7013506	.2536004	.0066425	.4506904	55.26396	-.001911
#2	14.45532	.7050270	.2504075	.0079941	.4557906	54.80498	.008799
#3	14.19784	.7268197	.2464884	.0083293	.4661817	55.09153	.001671

Sample Name: M4450-08 Acquired: 01/10/2022 4:01:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9656991	.0995015	.1865298
Stddev	.0006580	.0016840	.0005545
%RSD	.0681360	1.692424	.2972739

#1	.9654583	.1004198	.1866840
#2	.9664436	.0975580	.1859145
#3	.9651954	.1005268	.1869909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1470.864	46446.37	7216.124	1291.741	1857.408
Stddev	18.324	216.67	37.720	17.170	26.287
%RSD	1.245803	.4664857	.5227243	1.329237	1.415244

#1	1481.438	46639.38	7204.221	1299.300	1874.987
#2	1481.448	46212.01	7185.791	1272.088	1870.047
#3	1449.705	46487.73	7258.360	1303.835	1827.188

Sample Name: M4450-09 Acquired: 01/10/2022 4:05:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1444088	-.005750	5.850855	.0331110	.0019628	108.6022
Stddev	.0157646	.005972	.075306	.0075520	.0043095	.2550
%RSD	10.91663	103.8662	1.287097	22.80806	219.5527	.2348042

#1	.1263941	-.011176	5.765781	.0354532	.0050095	108.3247
#2	.1556799	-.006723	5.908974	.0246654	.0038468	108.8261
#3	.1511525	.000649	5.877812	.0392144	-.002968	108.6559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.539323	.0239280	.2481579	110.0891	.1569440	.1007551
Stddev	.008498	.0001254	.0030626	.4291	.0014745	.0010077
%RSD	.5520341	.5239110	1.234147	.3897842	.9395153	1.000143

#1	1.534392	.0240374	.2446764	109.6584	.1584889	.0997237
#2	1.549136	.0239554	.2504364	110.5166	.1567913	.1008044
#3	1.534442	.0237912	.2493609	110.0924	.1555518	.1017373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6047360	318.5634	4.931408	24.18302	.2511397	-.022142
Stddev	.0002773	1.1907	.029238	.16680	.0022053	.000241
%RSD	.0458579	.3737754	.5928893	.6897494	.8781311	1.086230

#1	.6047350	317.2655	4.898270	24.06223	.2487898	-.022410
#2	.6044591	319.6053	4.953566	24.37334	.2514652	-.022072
#3	.6050138	318.8194	4.942388	24.11349	.2531643	-.021945

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.515773	.3301771	F 48.58215	10.32967	.5697385	.6715124
Stddev	.345915	.0033192	1.34636	.08520	.0080889	.0086106
%RSD	7.660156	1.005276	2.771310	.8248242	1.419751	1.282264

#1	4.784446	.3264685	47.38652	10.35141	.5604355	.6618931
#2	4.637403	.3311935	50.04051	10.23571	.5736679	.6741441
#3	4.125471	.3328692	48.31941	10.40190	.5751120	.6785001

Sample Name: M4450-09 Acquired: 01/10/2022 4:05:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB65 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285408	1.202734	52.70359	.0119055	1.518431	.0828546
Stddev	.0006897	.015683	.43084	.0036033	.008578	.0031161
%RSD	2.416382	1.303965	.8174815	30.26560	.5649284	3.760861

#1	.0278832	1.185445	53.20004	.0118567	1.516640	.0816913
#2	.0292586	1.206712	52.42741	.0155330	1.527764	.0863849
#3	.0284807	1.216046	52.48333	.0083269	1.510890	.0804875

Elem	Sr4077
Units	ppm
Avg	-.020329
Stddev	.000775
%RSD	3.813836

#1	-.019922
#2	-.019843
#3	-.021224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.938	46826.08	7197.387	1304.523	1935.833
Stddev	15.829	199.11	39.309	12.408	20.169
%RSD	1.053935	.4252205	.5461517	.9511772	1.041863

#1	1520.131	46660.72	7152.369	1317.331	1959.090
#2	1494.366	46770.42	7224.920	1292.557	1923.147
#3	1491.317	47047.11	7214.871	1303.682	1925.263

Sample Name: M4450-10 Acquired: 01/10/2022 4:09:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171359	-.005401	2.655063	.0321278	.0025440	142.3656	1.681997
Stddev	.0126057	.004412	.011206	.0028750	.0039500	1.9405	.031744
%RSD	10.76159	81.69380	.4220448	8.948608	155.2679	1.363016	1.887288

#1	.1291687	-.001185	2.650633	.0334730	-.000299	144.5966	1.715744
#2	.1182127	-.009986	2.646749	.0340835	.007054	141.4302	1.677515
#3	.1040264	-.005032	2.667806	.0288268	.000877	141.0700	1.652732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263025	.1062081	107.8472	.1692499	.0940086	.3488867	273.4190
Stddev	.0001176	.0002221	1.8033	.0008798	.0005889	.0030976	3.9567
%RSD	.4470716	.2091543	1.672092	.5198469	.6264616	.8878455	1.447117

#1	.0263561	.1059579	109.8466	.1695773	.0942090	.3523762	277.9875
#2	.0263837	.1062842	107.3514	.1699192	.0944711	.3464619	271.1854
#3	.0261677	.1063821	106.3437	.1682534	.0933456	.3478221	271.0842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.538971	25.62587	.2310927	-.020247	4.220168	.3451869	18.32805
Stddev	.068761	.42739	.0011588	.000662	.293423	.0003744	.30037
%RSD	1.514895	1.667799	.5014514	3.270732	6.952882	.1084716	1.638876

#1	4.618264	26.11642	.2299413	-.019854	4.421138	.3453458	17.98955
#2	4.502870	25.33389	.2310781	-.021012	4.355915	.3447592	18.43183
#3	4.495780	25.42730	.2322588	-.019876	3.883451	.3454557	18.56277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69831	.4460869	.5969953	.0105584	.7664407	55.00872	.0059861
Stddev	.32567	.0028769	.0098853	.0001915	.0002023	.66954	.0025024
%RSD	2.564648	.6449148	1.655847	1.813695	.0263923	1.217156	41.80258

#1	13.05166	.4427900	.6079936	.0106664	.7662220	55.57200	.0088108
#2	12.41021	.4480878	.5888508	.0106714	.7664791	55.18570	.0051008
#3	12.63306	.4473831	.5941416	.0103373	.7666210	54.26847	.0040468

Sample Name: M4450-10 Acquired: 01/10/2022 4:09:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB66 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.144570	.1508509	.0445801
Stddev	.019965	.0033257	.0019174
%RSD	1.744366	2.204620	4.300981

#1	1.167549	.1542558	.0465411
#2	1.134696	.1476105	.0444897
#3	1.131466	.1506863	.0427095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.446	47473.27	7130.412	1323.980	1923.102
Stddev	2.319	91.56	79.241	13.204	2.382
%RSD	.1520369	.1928620	1.111303	.9973228	.1238703

#1	1526.559	47476.93	7044.516	1321.881	1924.973
#2	1527.000	47379.94	7146.058	1338.109	1923.914
#3	1522.780	47562.95	7200.663	1311.952	1920.420

Sample Name: M4450-11 Acquired: 01/10/2022 4:13:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1636725	-.007413	3.059760	.0266954	.0052709	99.06472	2.400538
Stddev	.0137051	.001978	.003694	.0057427	.0041760	1.75080	.014799
%RSD	8.373467	26.67981	.1207406	21.51207	79.22641	1.767326	.6164872

#1	.1533016	-.005219	3.059316	.0203646	.0098513	99.07450	2.407774
#2	.1585060	-.009059	3.056308	.0315696	.0042860	100.8106	2.410325
#3	.1792098	-.007962	3.063657	.0281520	.0016755	97.3091	2.383513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195916	.1838073	97.43535	.4116422	.0873128	.4807572	251.2956
Stddev	.0000815	.0004960	.69772	.0023202	.0007457	.0115546	4.1770
%RSD	.4157474	.2698468	.7160847	.5636334	.8540235	2.403416	1.662175

#1	.0195109	.1832386	97.45243	.4105809	.0871910	.4772790	251.1331
#2	.0195903	.1840335	98.12437	.4143032	.0881119	.4936514	255.5515
#3	.0196737	.1841499	96.72925	.4100425	.0866356	.4713413	247.2023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.525086	18.06354	.1951007	-.017849	2.060376	.3031367	16.92461
Stddev	.066422	.24498	.0002260	.000194	.151940	.0086087	.20242
%RSD	1.202195	1.356224	.1158363	1.086440	7.374394	2.839874	1.195986

#1	5.518749	18.03765	.1948786	-.018006	1.959497	.3037166	16.73792
#2	5.594449	18.32044	.1953304	-.017910	2.235127	.3114407	17.13974
#3	5.462059	17.83254	.1950930	-.017632	1.986505	.2942527	16.89616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.50821	2.372310	.3822231	.0140334	1.142273	54.37622	.0308191
Stddev	.35023	.006046	.0053822	.0002252	.001020	.48297	.0043416
%RSD	2.414019	.2548574	1.408135	1.604432	.0893072	.8881988	14.08734

#1	14.49732	2.368942	.3826745	.0141985	1.141786	54.66300	.0344604
#2	14.86376	2.379290	.3873654	.0141249	1.143446	53.81861	.0319825
#3	14.16355	2.368699	.3766294	.0137770	1.141589	54.64704	.0260143

Sample Name: M4450-11 Acquired: 01/10/2022 4:13:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.122886	.0673337	.0222063
Stddev	.013565	.0011949	.0039362
%RSD	1.208065	1.774590	17.72569

#1	1.123058	.0666440	.0216744
#2	1.109236	.0666436	.0185630
#3	1.136365	.0687135	.0263814

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.744	46955.04	7264.716	1308.812	1947.351
Stddev	2.103	605.39	7.563	22.816	1.386
%RSD	.1389203	1.289307	.1041092	1.743266	.0711731

#1	1511.332	47353.97	7269.045	1331.963	1948.343
#2	1514.704	46258.44	7269.122	1286.346	1945.767
#3	1515.196	47252.72	7255.983	1308.129	1947.942

Sample Name: M4450-12 Acquired: 01/10/2022 4:17:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1434740	-.009540	2.360749	.0269437	.0084554	97.81937	1.803485
Stddev	.0072903	.001793	.009945	.0075465	.0025023	.05445	.005931
%RSD	5.081265	18.79937	.4212505	28.00824	29.59426	.0556649	.3288748

#1	.1503197	-.011221	2.372114	.0304085	.0111132	97.86130	1.808602
#2	.1442940	-.009746	2.356485	.0321356	.0061448	97.83898	1.796985
#3	.1358084	-.007652	2.353647	.0182870	.0081081	97.75783	1.804869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147160	.1474179	83.78851	.1811683	.0890733	.3547532	195.4615
Stddev	.0000736	.0000975	.15081	.0009989	.0004473	.0046524	.3757
%RSD	.5001447	.0661676	.1799843	.5513555	.5021646	1.311439	.1921874

#1	.0147912	.1475121	83.71729	.1820883	.0893580	.3542445	195.5659
#2	.0147128	.1473173	83.96174	.1801058	.0893041	.3596390	195.7739
#3	.0146441	.1474243	83.68651	.1813108	.0885577	.3503761	195.0447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.431355	20.16921	.1844188	-.013776	2.254617	.2917114	15.23568
Stddev	.016360	.03165	.0006334	.000220	.206764	.0044582	.28101
%RSD	.3012192	.1569147	.3434684	1.594351	9.170695	1.528281	1.844406

#1	5.435117	20.20051	.1849579	-.013919	2.322494	.2965239	15.39847
#2	5.445507	20.16989	.1837212	-.013523	2.022447	.2908880	14.91120
#3	5.413442	20.13723	.1845774	-.013885	2.418911	.2877224	15.39736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.56514	1.762202	.3173189	.0109506	.6675940	56.07919	.0099237
Stddev	.18847	.006150	.0020181	.0006472	.0026406	.16432	.0038980
%RSD	1.499910	.3489950	.6359719	5.910578	.3955384	.2930191	39.27985

#1	12.35042	1.766453	.3179321	.0103882	.6695111	55.99779	.0089257
#2	12.70316	1.765003	.3189592	.0108056	.6686889	56.26832	.0066217
#3	12.64185	1.755150	.3150654	.0116580	.6645821	55.97145	.0142236

Sample Name: M4450-12 Acquired: 01/10/2022 4:17:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB68 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9260173	.0643648	.0434802
Stddev	.0030992	.0013643	.0007146
%RSD	.3346832	2.119594	1.643524

#1	.9245647	.0643621	.0430272
#2	.9295760	.0657304	.0443040
#3	.9239111	.0630018	.0431094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1491.896	46414.61	7156.497	1296.932	1965.466
Stddev	3.259	186.88	31.252	10.061	2.903
%RSD	.2184219	.4026315	.4366900	.7757545	.1476786

#1	1493.340	46230.92	7184.754	1305.492	1965.700
#2	1488.165	46408.39	7122.931	1299.455	1962.454
#3	1494.183	46604.53	7161.804	1285.850	1968.245

Sample Name: M4450-13 Acquired: 01/10/2022 4:21:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366661	-.002146	1.351090	.0248638	.0013266	104.9419	1.868477
Stddev	.0094568	.003800	.003389	.0089881	.0007930	1.0103	.009377
%RSD	6.919648	177.1033	.2508339	36.14924	59.77423	.9626783	.5018315

#1	.1449567	-.002980	1.347875	.0146236	.0015137	104.4048	1.858202
#2	.1386755	.002002	1.354630	.0314463	.0004568	106.1072	1.876570
#3	.1263661	-.005460	1.350764	.0285214	.0020094	104.3136	1.870659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144470	.1265885	77.07370	.1659471	.0544295	.2876122	185.8976
Stddev	.0001050	.0003287	.33610	.0004961	.0007115	.0009367	1.6512
%RSD	.7267501	.2596782	.4360788	.2989718	1.307228	.3256772	.8882466

#1	.0145682	.1269413	76.83934	.1664922	.0552450	.2868303	184.8301
#2	.0143899	.1265335	77.45878	.1658273	.0541082	.2886504	187.7995
#3	.0143829	.1262908	76.92298	.1655219	.0539352	.2873560	185.0632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.087104	18.60759	.1662047	-.013629	2.202058	.2654722	12.75676
Stddev	.024788	.16155	.0006200	.000191	.135032	.0023487	.14910
%RSD	.8029387	.8682181	.3730358	1.402863	6.132086	.8847090	1.168822

#1	3.067069	18.57403	.1667909	-.013842	2.229971	.2630627	12.61957
#2	3.114824	18.78329	.1655557	-.013574	2.320953	.2677549	12.91545
#3	3.079420	18.46545	.1662674	-.013472	2.055251	.2655991	12.73528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.67643	1.176820	.3346263	.0066610	.4300368	59.79213	.0006416
Stddev	.15414	.004931	.0023179	.0003724	.0023090	.73408	.0012527
%RSD	.8253061	.4189719	.6926806	5.590771	.5369296	1.227726	195.2337

#1	18.73308	1.179767	.3326260	.0062692	.4326368	60.63521	-.000769
#2	18.79423	1.179565	.3371665	.0070104	.4292480	59.44670	.001068
#3	18.50199	1.171128	.3340864	.0067033	.4282256	59.29448	.001626

Sample Name: M4450-13 Acquired: 01/10/2022 4:21:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8719259	.0625864	.0511086
Stddev	.0104765	.0019031	.0020529
%RSD	1.201535	3.040723	4.016683

#1	.8680657	.0611050	.0517233
#2	.8639271	.0619215	.0488186
#3	.8837847	.0647328	.0527839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.999	46482.40	7130.071	1301.136	1967.818
Stddev	1.596	643.36	23.700	16.224	3.930
%RSD	.1065626	1.384089	.3323997	1.246932	.1997286

#1	1499.584	47213.42	7114.286	1319.838	1965.214
#2	1496.391	46002.39	7118.603	1292.746	1965.901
#3	1498.024	46231.38	7157.324	1290.825	1972.339

Sample Name: M4450-14 Acquired: 01/10/2022 4:25:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1086187	-.005626	1.472493	.0292320	.0045386	90.04553	1.387945
Stddev	.0071147	.001230	.002051	.0013813	.0028651	.50212	.004680
%RSD	6.550139	21.86438	.1393109	4.725427	63.12725	.5576317	.3371887

#1	.1006740	-.005260	1.474696	.0285030	.0077970	90.01317	1.391913
#2	.1144021	-.004620	1.470638	.0283679	.0024139	89.56037	1.382784
#3	.1107798	-.006998	1.472146	.0308251	.0034048	90.56305	1.389137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124349	.0795777	312.7306	.1719380	.1474753	.3018227	218.9726
Stddev	.0001500	.0001505	.8772	.0009279	.0007040	.0011548	.9212
%RSD	1.205883	.1890794	.2804921	.5396670	.4773383	.3825930	.4206786

#1	.0125775	.0794900	313.4276	.1729153	.1479494	.3023446	219.0536
#2	.0122785	.0797514	311.7456	.1718296	.1466664	.3026243	218.0136
#3	.0124486	.0794915	313.0185	.1710690	.1478101	.3004991	219.8506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.535375	99.45556	.2646052	-.016965	2.939903	.2403923	9.582868
Stddev	.032333	.62958	.0012995	.000409	.349265	.0023709	.004098
%RSD	.3788065	.6330261	.4910946	2.411987	11.88014	.9862567	.0427640

#1	8.545925	99.58970	.2636941	-.016502	2.851334	.2429703	9.587599
#2	8.499086	98.76972	.2660933	-.017276	2.643449	.2399008	9.580551
#3	8.561116	100.0073	.2640282	-.017118	3.324925	.2383056	9.580453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.96631	.8920673	.3032762	.0146195	1.382304	54.35058	.0048500
Stddev	.13979	.0047839	.0020840	.0003513	.009268	.12456	.0035005
%RSD	.7370224	.5362741	.6871467	2.402908	.6704938	.2291718	72.17659

#1	18.89797	.8953031	.3049186	.0143698	1.389098	54.39928	.0008500
#2	18.87385	.8943267	.3039781	.0150212	1.386069	54.20903	.0073537
#3	19.12712	.8865722	.3009320	.0144674	1.371746	54.44343	.0063463

Sample Name: M4450-14 Acquired: 01/10/2022 4:25:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6240640	.1166874	.4543559
Stddev	.0018802	.0004630	.0018464
%RSD	.3012774	.3967609	.4063666

#1	.6251529	.1170070	.4564110
#2	.6251461	.1168987	.4538200
#3	.6218930	.1161564	.4528369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.747	44142.70	6827.403	1209.121	1811.610
Stddev	1.318	307.73	41.776	6.669	.253
%RSD	.0947051	.6971309	.6118844	.5515742	.0139582

#1	1391.881	44469.14	6834.761	1210.480	1811.344
#2	1392.992	44101.01	6865.011	1215.006	1811.847
#3	1390.366	43857.93	6782.437	1201.877	1811.640

Sample Name: M4450-15 Acquired: 01/10/2022 4:29:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0970820	-.008694	1.875263	.0324340	.0050233	103.5910	1.016118
Stddev	.0057485	.002906	.011289	.0020824	.0011535	.5596	.004336
%RSD	5.921269	33.42853	.6019703	6.420266	22.96293	.5401715	.4267479

#1	.0905430	-.007939	1.869554	.0346476	.0062851	104.2150	1.011930
#2	.0993634	-.006240	1.867970	.0305141	.0040230	103.1337	1.020589
#3	.1013396	-.011903	1.888266	.0321404	.0047618	103.4244	1.015835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102696	.0551991	275.2723	.2310185	.1015585	.3108577	214.9315
Stddev	.0002205	.0000679	.5062	.0123242	.0005042	.0040320	.7267
%RSD	2.146765	.1230985	.1838970	5.334742	.4964294	1.297073	.3380847

#1	.0100349	.0552741	275.5442	.2172987	.1009772	.3062250	215.7690
#2	.0104723	.0551819	275.5844	.2411514	.1018776	.3127728	214.4684
#3	.0103016	.0551415	274.6882	.2346053	.1018206	.3135753	214.5570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.759583	85.84578	.3457312	-.016786	3.730639	.2339461	8.668989
Stddev	.032675	.36486	.0015489	.001866	.086518	.0041589	.439971
%RSD	.4833831	.4250217	.4480080	11.11756	2.319125	1.777709	5.075224

#1	6.795201	86.24709	.3450828	-.014631	3.640178	.2383872	8.174825
#2	6.752553	85.75620	.3446119	-.017877	3.739155	.2301432	9.018177
#3	6.730995	85.53404	.3474990	-.017850	3.812585	.2333079	8.813964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.46825	.7043700	.2493603	.0160439	2.379390	53.00733	-.008314
Stddev	.47759	.0043367	.0034614	.0005646	.006183	.26732	.002057
%RSD	1.875229	.6156833	1.388129	3.518882	.2598496	.5043001	24.74102

#1	25.85551	.7001428	.2533286	.0158158	2.375359	52.98959	-.007553
#2	24.93461	.7041589	.2469624	.0156291	2.376302	52.74932	-.010642
#3	25.61465	.7088085	.2477900	.0166869	2.386508	53.28307	-.006745

Sample Name: M4450-15 Acquired: 01/10/2022 4:29:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4649584	.1565754	.6054662
Stddev	.0019873	.0014082	.0011147
%RSD	.4274158	.8993913	.1841061

#1	.4630322	.1551192	.6048090
#2	.4670016	.1579302	.6048364
#3	.4648413	.1566769	.6067533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.578	44657.91	6831.101	1222.981	1815.640
Stddev	2.963	2091.44	48.162	53.912	.741
%RSD	.2124557	4.683256	.7050366	4.408245	.0408260

#1	1397.721	46894.83	6776.821	1282.025	1814.862
#2	1391.836	42751.22	6868.723	1176.375	1815.720
#3	1394.177	44327.69	6847.758	1210.543	1816.338

Sample Name: M4450-16 Acquired: 01/10/2022 4:33:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1082385	-.011037	2.444676	.0344861	.0005566	116.1413	1.871189
Stddev	.0247279	.001319	.006915	.0064074	.0008081	.8076	.002319
%RSD	22.84580	11.95359	.2828743	18.57977	145.1880	.6953877	.1239156

#1	.1366975	-.011997	2.444700	.0350274	.0001114	115.2209	1.871276
#2	.0920001	-.011582	2.451579	.0406058	.0014894	116.7315	1.873463
#3	.0960179	-.009533	2.437748	.0278252	.0000690	116.4714	1.868828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169431	.1346564	196.1818	.2005102	.1218336	.4394422	243.0661
Stddev	.0002793	.0002730	.5035	.0003512	.0007683	.0038213	1.6360
%RSD	1.648436	.2027393	.2566501	.1751357	.6305884	.8695892	.6730758

#1	.0169153	.1343870	195.6677	.2001311	.1220919	.4352692	241.2385
#2	.0166788	.1349328	196.6740	.2005753	.1209695	.4427706	244.3939
#3	.0172353	.1346494	196.2037	.2008243	.1224395	.4402868	243.5660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.815783	57.84938	.2836145	-.018445	2.732241	.3227382	17.03523
Stddev	.036609	.39617	.0007507	.000432	.057798	.0036470	.13991
%RSD	.5371154	.6848221	.2646975	2.341483	2.115424	1.130008	.8213072

#1	6.780453	57.39264	.2839063	-.018728	2.769452	.3186062	16.97336
#2	6.853548	58.09985	.2841755	-.018660	2.761617	.3241005	17.19541
#3	6.813349	58.05564	.2827617	-.017948	2.665655	.3255079	16.93692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.04595	.6787632	.3582873	.0129731	1.348552	50.14176	.0488909
Stddev	.20731	.0054821	.0049440	.0004681	.011276	.53441	.0037328
%RSD	1.475971	.8076572	1.379905	3.608280	.8361836	1.065801	7.635065

#1	13.80709	.6742685	.3573808	.0132403	1.337803	50.02500	.0499456
#2	14.15163	.6771503	.3636218	.0124326	1.347563	49.67538	.0519828
#3	14.17914	.6848708	.3538592	.0132464	1.360290	50.72490	.0447441

Sample Name: M4450-16 Acquired: 01/10/2022 4:33:41 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB78 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.304701	.1102650	.1803915
Stddev	.005795	.0016756	.0005668
%RSD	.4441319	1.519634	.3142270

#1	1.306882	.1112491	.1810451
#2	1.309089	.1112157	.1800943
#3	1.298133	.1083302	.1800350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.806	45036.01	6979.965	1243.490	1829.354
Stddev	2.949	351.34	51.336	14.755	1.425
%RSD	.2063686	.7801250	.7354701	1.186557	.0778939

#1	1425.770	45402.14	7028.510	1251.771	1827.873
#2	1428.992	44701.61	6985.152	1226.455	1829.473
#3	1431.658	45004.26	6926.233	1252.245	1830.715

Sample Name: CCV065 Acquired: 01/10/2022 4:37:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.097405	4.929075	24.78347	4.887763	4.940063	400.7581
Stddev	.034827	.089444	.45576	.087998	.102282	4.1970
%RSD	.6832242	1.814616	1.838956	1.800365	2.070461	1.047261

#1	5.088805	4.878098	24.53910	4.854096	4.888988	396.5655
#2	5.067684	4.876774	24.50202	4.821569	4.873378	404.9594
#3	5.135726	5.032353	25.30930	4.987623	5.057824	400.7495

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08782	.5179269	2.492996	392.6111	15.22488	2.500850
Stddev	.04089	.0028907	.042899	1.9159	.03078	.038867
%RSD	.4053609	.5581307	1.720776	.4879849	.2021805	1.554171

#1	10.06929	.5209882	2.471549	390.4239	15.24143	2.481238
#2	10.05947	.5175483	2.465050	393.9926	15.24385	2.475695
#3	10.13470	.5152441	2.542389	393.4167	15.18937	2.545616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74356	391.7472	14.58416	384.7921	2.516372	1.230441
Stddev	.26172	3.7765	.10565	3.8158	.044115	.006816
%RSD	1.775130	.9640190	.7244420	.9916529	1.753133	.5539327

#1	14.54177	388.1319	14.48859	380.9925	2.499107	1.227331
#2	15.03928	395.6666	14.69762	388.6239	2.483502	1.238257
#3	14.64962	391.4432	14.56628	384.7598	2.566510	1.225734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.3357	2.462992	13.56176	151.3724	F 5.984065	5.212506
Stddev	3.1158	.012162	.60049	2.4691	.090839	.021384
%RSD	.7881457	.4938034	4.427784	1.631161	1.518019	.4102476

#1	392.0474	2.449078	12.96411	149.5146	5.923924	5.221797
#2	398.2443	2.468303	13.55613	154.1742	5.939711	5.227674
#3	395.7155	2.471596	14.16504	150.4283	6.088561	5.188048

Sample Name: CCV065 Acquired: 01/10/2022 4:37:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889771	5.259779	5.071722	5.075157	4.929022	5.064117
Stddev	.085001	.081213	.024011	.107873	.018765	.017503
%RSD	1.738337	1.544037	.4734199	2.125509	.3807085	.3456341
#1	4.840876	5.216847	5.088737	5.010955	4.927011	5.054416
#2	4.840517	5.209041	5.082173	5.014818	4.911343	5.053614
#3	4.987921	5.353447	5.044258	5.199698	4.948712	5.084323

Elem	Sr4077
Units	ppm
Avg	4.743897
Stddev	.005608
%RSD	.1182161
#1	4.737605
#2	4.748368
#3	4.745719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1063.600	36246.79	5720.780	957.0735	1525.857
Stddev	13.968	365.93	38.860	13.4335	22.543
%RSD	1.313242	1.009551	.6792823	1.403598	1.477372
#1	1071.144	36547.20	5748.131	972.1142	1536.289
#2	1072.174	35839.25	5676.297	946.2682	1541.294
#3	1047.483	36353.93	5737.911	952.8382	1499.988

Sample Name: CCB065 Acquired: 01/10/2022 4:41:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006288	-.002180	-.000020	-.000724	.0001312	.0093458	.0000144
Stddev	.014848	.006883	.002445	.002385	.0040406	.0045106	.0015867
%RSD	236.1492	315.7204	12184.97	329.4127	3078.729	48.26329	11054.33

#1	-.022607	-.002142	.000866	.000400	-.003846	.0081099	.0018079
#2	.006426	-.009082	.001858	.000892	.004232	.0055820	-.000558
#3	-.002682	.004684	-.002784	-.003464	.000008	.0143455	-.001207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000293	.0001093	.0204687	.0003385	-.000022	.0012978	.0207304
Stddev	.0000773	.0001365	.0138088	.0003745	.000054	.0036436	.0164043
%RSD	264.1422	124.8358	67.46292	110.6358	248.8477	280.7421	79.13159

#1	.0000809	.0002647	.0352699	.0001043	.000033	.0028376	.0363007
#2	-.000060	.0000085	.0079325	.0001408	-.000023	-.002863	.0222874
#3	.000067	.0000549	.0182035	.0007704	-.000075	.003919	.0036031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000762	.0451142	.0006035	.0004581	.0507287	-.001453	.0220320
Stddev	.0002951	.0107151	.0004197	.0001814	.3445205	.003502	.0186273
%RSD	387.1670	23.75098	69.53427	39.59474	679.1437	241.1224	84.54682

#1	-.000255	.0482818	.0001192	.0004705	-.041648	-.000255	.0011263
#2	.000172	.0538883	.0008603	.0002708	.432020	.001294	.0281038
#3	.000312	.0331724	.0008311	.0006329	-.238186	-.005397	.0368657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3342938	-.001305	.0057591	.0012102	.0000630	.0038754	.0032643
Stddev	.0696219	.000823	.0009316	.0006427	.0002572	.0006951	.0014067
%RSD	20.82657	63.04431	16.17670	53.10606	408.2475	17.93597	43.09153

#1	.2565254	-.000355	.0068087	.0019481	.0003350	.0034089	.0022938
#2	.3555352	-.001804	.0050302	.0009096	-.000176	.0046743	.0048775
#3	.3908208	-.001756	.0054383	.0007729	.000030	.0035430	.0026217

Sample Name: CCB065 Acquired: 01/10/2022 4:41:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009724	-.000321	.0000474
Stddev	.0012615	.000830	.0000876
%RSD	129.7276	259.0486	184.7420

#1	.0010778	-.000297	-.000045
#2	.0021779	.000498	.000059
#3	-.000338	-.001163	.000129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.152	39221.02	5987.542	1094.300	2065.324
Stddev	.277	182.64	43.414	12.718	4.687
%RSD	.0214367	.4656788	.7250693	1.162223	.2269350

#1	1291.257	39425.95	5944.325	1107.849	2065.737
#2	1291.361	39075.42	6031.150	1092.430	2069.790
#3	1290.838	39161.68	5987.150	1082.620	2060.444

Sample Name: M4450-17 Acquired: 01/10/2022 4:49:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1355763	-.002319	2.269566	.0267786	.0043529	116.8436	1.602511
Stddev	.0088087	.005531	.007666	.0131209	.0022283	.6699	.006403
%RSD	6.497211	238.5582	.3377819	48.99771	51.19218	.5732952	.3995658

#1	.1400200	-.008250	2.260727	.0296285	.0069201	116.5728	1.604741
#2	.1412780	.002698	2.273570	.0124670	.0032189	116.3516	1.607500
#3	.1254309	-.001404	2.274401	.0382404	.0029196	117.6065	1.595291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163774	.0966179	225.9372	.2048263	.1432595	.6380020	259.4508
Stddev	.0004284	.0002438	.2486	.0007871	.0003004	.0087144	1.0749
%RSD	2.615615	.2522998	.1100208	.3842744	.2096517	1.365888	.4143000

#1	.0158867	.0963365	225.9027	.2041698	.1434507	.6282822	259.3207
#2	.0166766	.0967538	225.7077	.2056988	.1429134	.6406073	258.4469
#3	.0165690	.0967634	226.2013	.2046102	.1434145	.6451167	260.5848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.537865	64.68776	.3411595	-.020063	2.956310	.2950105	18.50940
Stddev	.021476	.14470	.0009243	.000117	.245418	.0053264	.18661
%RSD	.3877965	.2236957	.2709162	.5836255	8.301480	1.805513	1.008211

#1	5.533986	64.66735	.3415783	-.020125	2.687619	.2969397	18.45883
#2	5.518593	64.55435	.3401000	-.019928	3.012660	.2889883	18.35328
#3	5.561015	64.84159	.3418003	-.020137	3.168652	.2991036	18.71608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.49860	.8711554	.3394034	.0090435	3.465232	55.05144	.0172962
Stddev	.40449	.0012170	.0039605	.0007120	.008502	.45893	.0046805
%RSD	2.451645	.1397009	1.166890	7.873436	.2453417	.8336360	27.06092

#1	16.42721	.8724980	.3376535	.0098206	3.455433	54.52352	.0224263
#2	16.13455	.8708435	.3366193	.0084224	3.469617	55.27543	.0132583
#3	16.93402	.8701246	.3439374	.0088874	3.470646	55.35536	.0162041

Sample Name: M4450-17 Acquired: 01/10/2022 4:49:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB79 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7450587	.1358802	.2527225
Stddev	.0037117	.0004015	.0008161
%RSD	.4981785	.2954893	.3229160

#1	.7417172	.1356468	.2519974
#2	.7490538	.1363438	.2536062
#3	.7444051	.1356499	.2525639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.672	46466.61	7130.367	1285.174	1846.776
Stddev	5.440	341.16	31.767	13.341	4.066
%RSD	.3696304	.7342056	.4455214	1.038058	.2201764

#1	1474.499	46083.39	7144.488	1272.748	1847.782
#2	1475.115	46737.26	7152.626	1299.272	1850.245
#3	1465.400	46579.19	7093.987	1283.503	1842.301

Sample Name: M4450-18 Acquired: 01/10/2022 4:53:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078071	-.007896	.9797702	.0297257	.0050342	107.8926	1.363081
Stddev	.0088227	.008305	.0031896	.0006153	.0018915	.8063	.006746
%RSD	8.183820	105.1888	.3255423	2.069981	37.57404	.7473103	.4949095

#1	.1129314	-.014737	.9832955	.0290182	.0072016	107.6537	1.370138
#2	.0976195	.001345	.9770842	.0300225	.0041841	107.2328	1.356696
#3	.1128703	-.010295	.9789310	.0301363	.0037168	108.7914	1.362408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110572	.0420798	192.3835	.2069052	.1167063	.2961439	228.3692
Stddev	.0003206	.0000734	.4827	.0010678	.0002516	.0071102	.8310
%RSD	2.899214	.1744175	.2509011	.5160990	.2155686	2.400934	.3638847

#1	.0109067	.0419970	192.8076	.2079681	.1164200	.2895518	228.1723
#2	.0114254	.0421058	191.8582	.2069149	.1168922	.2952016	227.6543
#3	.0108396	.0421367	192.4846	.2058325	.1168066	.3036783	229.2810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.313019	55.33443	.2957949	-.019163	2.036861	.2799713	4.215288
Stddev	.021775	.24845	.0001592	.000377	.280823	.0028144	.052840
%RSD	.2977557	.4490001	.0538268	1.965397	13.78705	1.005235	1.253541

#1	7.304883	55.44808	.2956165	-.019345	1.769910	.2822781	4.154273
#2	7.296484	55.04948	.2958456	-.019414	2.329756	.2768355	4.245806
#3	7.337691	55.50573	.2959226	-.018730	2.010918	.2808003	4.245786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11859	.5918250	.2372411	.0061504	.6926359	55.67000	-.008923
Stddev	.23042	.0027405	.0052149	.0001344	.0013011	.99676	.005150
%RSD	1.524097	.4630513	2.198150	2.184758	.1878525	1.790474	57.71890

#1	14.89360	.5886779	.2382802	.0059962	.6939647	54.62085	-.009296
#2	15.10809	.5931123	.2315849	.0062421	.6913643	55.78470	-.003597
#3	15.35408	.5936848	.2418583	.0062130	.6925787	56.60445	-.013877

Sample Name: M4450-18 Acquired: 01/10/2022 4:53:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB81 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9148976	.1179124	.2507654
Stddev	.0039205	.0018661	.0007978
%RSD	.4285206	1.582597	.3181591

#1	.9139076	.1180744	.2498444
#2	.9192183	.1159706	.2512067
#3	.9115670	.1196922	.2512451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.186	45713.83	7032.559	1272.313	1869.343
Stddev	4.305	512.18	76.228	9.704	3.124
%RSD	.2977113	1.120403	1.083936	.7627138	.1671083

#1	1451.152	45503.10	7111.316	1263.600	1870.764
#2	1443.488	45340.64	7027.220	1270.568	1865.761
#3	1443.920	46297.76	6959.140	1282.771	1871.504

Sample Name: M4450-19 Acquired: 01/10/2022 4:57:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963787	-.009855	1.317550	.0279830	.0031805	105.2559	1.646944
Stddev	.0024073	.007722	.007334	.0043094	.0023132	.5882	.003137
%RSD	2.497788	78.35805	.5566324	15.39996	72.72977	.5588203	.1904440

#1	.0991581	-.001360	1.316132	.0321989	.0005339	104.6069	1.646013
#2	.0950280	-.011756	1.311028	.0281643	.0048158	105.4068	1.644378
#3	.0949499	-.016450	1.325489	.0235859	.0041918	105.7539	1.650440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139621	.0440578	58.14646	.1649898	.1405394	.2040412	207.2167
Stddev	.0002413	.0002051	.23656	.0009419	.0009146	.0015664	.7103
%RSD	1.728107	.4655623	.4068319	.5709066	.6507510	.7676956	.3427879

#1	.0137079	.0438509	57.96467	.1639613	.1410809	.2034587	206.4274
#2	.0141879	.0440614	58.06079	.1658105	.1394835	.2058154	207.4182
#3	.0139906	.0442611	58.41391	.1651976	.1410539	.2028495	207.8045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253657	24.59622	.2059433	-.016640	2.563461	.2894329	5.011895
Stddev	.018366	.08196	.0007659	.000249	.203983	.0033607	.118832
%RSD	.3495849	.3332071	.3719084	1.495384	7.957344	1.161137	2.370995

#1	5.232890	24.51915	.2052266	-.016864	2.358301	.2855693	5.147158
#2	5.267763	24.58719	.2058530	-.016372	2.565836	.2910503	4.964240
#3	5.260318	24.68231	.2067504	-.016684	2.766247	.2916791	4.924289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75198	.4352601	.2267240	.0057368	.4531446	57.60431	-.004615
Stddev	.23774	.0031722	.0060051	.0005631	.0030183	1.00938	.002586
%RSD	1.728745	.7288034	2.648662	9.815699	.6660698	1.752267	56.03452

#1	13.49347	.4316107	.2308621	.0058764	.4507168	56.57864	-.005129
#2	13.96122	.4373576	.2198363	.0062169	.4521930	58.59657	-.001811
#3	13.80124	.4368119	.2294735	.0051170	.4565239	57.63773	-.006905

Sample Name: M4450-19 Acquired: 01/10/2022 4:57:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXB82 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8285494	.0963794	.0190216
Stddev	.0029654	.0008065	.0007106
%RSD	.3579049	.8368039	3.735767

#1	.8278706	.0964981	.0194327
#2	.8317954	.0955201	.0194311
#3	.8259823	.0971199	.0182011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.228	46530.21	7062.263	1309.924	1975.077
Stddev	1.652	325.47	37.188	28.357	2.030
%RSD	.1101745	.6994743	.5265698	2.164791	.1027724

#1	1497.842	46179.25	7087.365	1277.312	1972.912
#2	1501.056	46589.31	7019.540	1328.774	1976.937
#3	1498.785	46822.09	7079.883	1323.685	1975.381

Sample Name: M4450-20 Acquired: 01/10/2022 5:01:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786902	-.015684	.3774010	.0442173	.0077922	92.45600	.7753515
Stddev	.0138950	.002014	.0024223	.0010640	.0014719	.74502	.0050050
%RSD	17.65788	12.83894	.6418309	2.406215	18.88928	.8058140	.6455169

#1	.0738732	-.017191	.3751773	.0437719	.0079220	91.78448	.7704039
#2	.0943527	-.013397	.3770437	.0454316	.0091948	93.25744	.7752384
#3	.0678447	-.016463	.3799822	.0434485	.0062597	92.32608	.7804121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173790	.0027635	69.17699	.3610177	.1114688	.1185051	407.0649
Stddev	.0000853	.0001135	.29834	.0007399	.0006594	.0040259	2.9931
%RSD	.4909448	4.108061	.4312646	.2049369	.5915337	3.397207	.7352877

#1	.0173328	.0028930	68.88116	.3616612	.1118438	.1206073	404.7780
#2	.0173268	.0027161	69.47777	.3611827	.1107074	.1210446	410.4525
#3	.0174775	.0026812	69.17205	.3602093	.1118551	.1138633	405.9642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.418797	39.16082	.3184549	-.035663	2.568575	.5238288	1.320794
Stddev	.021520	.24024	.0004815	.001146	.106265	.0035018	.041551
%RSD	.6294640	.6134743	.1512071	3.213001	4.137110	.6685040	3.145923

#1	3.399067	38.93961	.3187562	-.036855	2.616533	.5214943	1.295301
#2	3.441745	39.41640	.3178995	-.035563	2.642409	.5278553	1.298339
#3	3.415579	39.12646	.3187088	-.034570	2.446784	.5221368	1.368741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.31525	.8327668	.3534583	.0028771	.1571692	52.52971	-.011394
Stddev	.19497	.0044158	.0068915	.0009203	.0018586	.52392	.001746
%RSD	1.362005	.5302513	1.949720	31.98791	1.182532	.9973876	15.32842

#1	14.29661	.8333888	.3465599	.0025217	.1592913	52.76282	-.012899
#2	14.51888	.8280730	.3534723	.0039221	.1558310	52.89662	-.009479
#3	14.13027	.8368385	.3603427	.0021875	.1563851	51.92969	-.011804

Sample Name: M4450-20 Acquired: 01/10/2022 5:01:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.870297	.1698309	.4195576
Stddev	.008383	.0022748	.0008205
%RSD	.4482363	1.339457	.1955584

#1	1.867239	.1678515	.4194119
#2	1.863873	.1693253	.4188197
#3	1.879780	.1723160	.4204411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.230	47497.54	7265.506	1329.169	1941.140
Stddev	4.565	219.37	37.955	18.964	3.700
%RSD	.3008577	.4618476	.5223936	1.426746	.1906044

#1	1522.160	47713.29	7282.037	1344.473	1939.795
#2	1516.378	47504.60	7222.089	1335.082	1945.324
#3	1513.151	47274.73	7292.391	1307.954	1938.300

Sample Name: M4450-21 Acquired: 01/10/2022 5:05:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601050	-.009578	.3779307	.0386838	.0086312	91.86650	.7691935
Stddev	.0090737	.002392	.0047166	.0046512	.0011711	.20648	.0028207
%RSD	15.09642	24.97265	1.248001	12.02358	13.56821	.2247638	.3667110

#1	.0562218	-.007894	.3729854	.0431858	.0072798	91.98095	.7678229
#2	.0536190	-.008523	.3784277	.0389691	.0092653	91.99041	.7673199
#3	.0704740	-.012315	.3823792	.0338966	.0093485	91.62814	.7724376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171060	.0028629	71.77408	.3541468	.1116046	.1157080	403.9393
Stddev	.0002378	.0002891	.08654	.0022504	.0009988	.0018353	.9159
%RSD	1.390102	10.09844	.1205774	.6354497	.8949255	1.586172	.2267406

#1	.0172506	.0027036	71.81049	.3515527	.1121913	.1172110	404.8924
#2	.0172358	.0031966	71.83646	.3553121	.1121712	.1162504	403.8598
#3	.0168315	.0026884	71.67528	.3555756	.1104514	.1136626	403.0658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.568127	40.41528	.3195860	-.035709	2.430298	.5146348	1.288856
Stddev	.007984	.07032	.0028351	.000730	.090943	.0042656	.018223
%RSD	.2237605	.1739826	.8871020	2.045500	3.742046	.8288539	1.413896

#1	3.573536	40.49568	.3180492	-.034866	2.531324	.5115733	1.268852
#2	3.571888	40.38486	.3228576	-.036126	2.404605	.5128240	1.293204
#3	3.558957	40.36529	.3178511	-.036136	2.354966	.5195070	1.304512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.25405	.8274523	.3579414	.0028906	.1595350	52.05291	-.013176
Stddev	.24317	.0043855	.0084500	.0002489	.0023796	.95359	.002003
%RSD	1.705961	.5300056	2.360710	8.610610	1.491609	1.831964	15.20377

#1	14.39021	.8281522	.3557182	.0030445	.1600063	52.50742	-.013925
#2	14.39863	.8314458	.3508253	.0030239	.1616437	52.69422	-.010906
#3	13.97330	.8227589	.3672807	.0026035	.1569550	50.95709	-.014697

Sample Name: M4450-21 Acquired: 01/10/2022 5:05:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.872917	.1695978	.4069982
Stddev	.004673	.0023171	.0017069
%RSD	.2494807	1.366219	.4193937

#1	1.868818	.1680742	.4074349
#2	1.878005	.1722643	.4084444
#3	1.871928	.1684550	.4051153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.385	47095.01	7264.920	1310.979	1934.950
Stddev	7.444	406.17	109.478	6.019	8.720
%RSD	.4918866	.8624518	1.506941	.4591480	.4506447

#1	1520.475	47537.06	7221.117	1312.575	1939.976
#2	1505.631	47009.72	7184.125	1316.040	1924.881
#3	1514.049	46738.26	7389.517	1304.323	1939.992

Sample Name: M4450-20LX5 Acquired: 01/10/2022 5:09:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178680	-.006194	.0685048	.0109064	.0035220	18.49693	.1570213
Stddev	.0137552	.004016	.0024526	.0023690	.0056125	.09955	.0003847
%RSD	76.98222	64.84064	3.580176	21.72093	159.3555	.5381808	.2450013

#1	.0223197	-.004426	.0659991	.0094719	-.000963	18.40820	.1566181
#2	.0288459	-.010791	.0686147	.0136408	.009816	18.60458	.1570614
#3	.0024383	-.003366	.0709006	.0096066	.001713	18.47800	.1573844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035015	.0002119	15.15655	.0730135	.0190822	.0223838	83.40339
Stddev	.0000874	.0001075	.04132	.0002958	.0006086	.0033988	.43122
%RSD	2.497529	50.73681	.2726300	.4051313	3.189144	15.18435	.5170236

#1	.0034782	.0000889	15.11550	.0733550	.0192256	.0192654	83.00773
#2	.0035982	.0002589	15.19813	.0728470	.0184148	.0218793	83.86301
#3	.0034280	.0002878	15.15602	.0728385	.0196064	.0260067	83.33941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7603232	8.470019	.0579417	-.006296	.6613145	.1029534	.2868037
Stddev	.0035461	.057790	.0007606	.000710	.1447778	.0013337	.0299226
%RSD	.4663920	.6822846	1.312752	11.27333	21.89243	1.295446	10.43314

#1	.7608297	8.408290	.0577675	-.006355	.5395022	.1024780	.2780010
#2	.7635887	8.522834	.0587743	-.006975	.8213768	.1019226	.2622697
#3	.7565510	8.478932	.0572832	-.005559	.6230644	.1044597	.3201402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.027398	.1403805	.0781259	-.000040	.0271754	10.73584	-.016743
Stddev	.110413	.0008692	.0008771	.000313	.0007291	.07467	.001210
%RSD	3.647140	.6191938	1.122688	785.1519	2.682794	.6954752	7.227286

#1	2.926956	.1395537	.0784325	.000132	.0268650	10.64989	-.017763
#2	3.145624	.1403010	.0788086	-.000401	.0280083	10.78468	-.015406
#3	3.009614	.1412867	.0771367	.000150	.0266529	10.77296	-.017059

Sample Name: M4450-20LX5 Acquired: 01/10/2022 5:09:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3824396	.0329011	.0786761
Stddev	.0038634	.0008047	.0006035
%RSD	1.010189	2.445900	.7670735

#1	.3841378	.0333173	.0793730
#2	.3851630	.0319735	.0783303
#3	.3780180	.0334125	.0783251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.078	40769.53	6245.709	1133.364	2003.901
Stddev	.694	351.86	33.852	15.804	1.589
%RSD	.0522461	.8630503	.5420037	1.394403	.0792715

#1	1328.500	40598.36	6236.511	1117.411	2004.058
#2	1329.848	40536.00	6217.408	1133.669	2005.406
#3	1328.885	41174.22	6283.210	1149.014	2002.240

Sample Name: M4450-22 Acquired: 01/10/2022 5:13:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1019933	.0550721	.4536846	.0787688	.0225514	117.2246	5.278268
Stddev	.0114750	.0080047	.0042545	.0057431	.0018631	.2173	.007250
%RSD	11.25071	14.53490	.9377667	7.291040	8.261428	.1853620	.1373643

#1	.0919908	.0628575	.4584430	.0818256	.0205359	117.2046	5.279550
#2	.1145203	.0554940	.4502476	.0823369	.0229076	117.0180	5.284791
#3	.0994688	.0468648	.4523632	.0721438	.0242106	117.4512	5.270461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113624	.1027490	120.9712	.8538715	1.128061	.5599458	442.1008
Stddev	.0011499	.0001996	.0959	.0062387	.002365	.0043043	.9687
%RSD	1.032565	.1942700	.0792434	.7306414	.2096477	.7686938	.2191145

#1	.1123414	.1026602	120.8623	.8609104	1.128460	.5612440	442.7492
#2	.1100961	.1029776	121.0086	.8490245	1.130202	.5551418	440.9872
#3	.1116497	.1026092	121.0428	.8516797	1.125523	.5634515	442.5658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.410758	35.10439	1.397274	.0387111	2.668610	1.432807	2.102965
Stddev	.006107	.12882	.003091	.0004855	.357089	.002708	.067148
%RSD	.1384563	.3669537	.2212291	1.254160	13.38110	.1889822	3.193038

#1	4.417431	35.21836	1.397835	.0387986	2.298390	1.429960	2.033798
#2	4.409399	34.96463	1.400045	.0391468	2.696507	1.435350	2.107205
#3	4.405446	35.13019	1.393940	.0381878	3.010932	1.433111	2.167894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.37882	.8405331	.3978689	.0031819	.1626322	48.49873	-.013965
Stddev	.22531	.0029856	.0092571	.0004850	.0015332	.57865	.003027
%RSD	1.162660	.3551984	2.326666	15.24344	.9427180	1.193114	21.67870

#1	19.45765	.8424626	.3872504	.0034999	.1629588	49.08926	-.015449
#2	19.12469	.8370943	.4042408	.0034221	.1609620	47.93275	-.010482
#3	19.55413	.8420426	.4021154	.0026236	.1639757	48.47419	-.015964

Sample Name: M4450-22 Acquired: 01/10/2022 5:13:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXB83S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.561999	.2099719	.2845157
Stddev	.004540	.0003664	.0013053
%RSD	.1771974	.1745027	.4587635

#1	2.560806	.2103944	.2854755
#2	2.567017	.2097412	.2850423
#3	2.558175	.2097800	.2830294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.764	46236.62	7120.829	1277.284	1877.520
Stddev	2.939	273.25	77.066	9.537	2.433
%RSD	.2014740	.5909897	1.082260	.7466237	.1296002

#1	1459.975	46040.20	7076.708	1287.014	1878.900
#2	1460.904	46548.68	7209.816	1276.886	1878.950
#3	1455.413	46120.98	7075.963	1267.954	1874.710

Sample Name: M3849-01 Acquired: 01/10/2022 5:17:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX308 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1337223	-.006987	1.945667	.0195589	.0022670	83.80415	1.210073
Stddev	.0060949	.007947	.001454	.0091707	.0011188	.60292	.004609
%RSD	4.557872	113.7463	.0747117	46.88727	49.35086	.7194438	.3808908

#1	.1321731	-.005274	1.946659	.0138454	.0029228	83.92884	1.208873
#2	.1404423	-.015651	1.946344	.0301369	.0029030	84.33498	1.215163
#3	.1285515	-.000036	1.943998	.0146945	.0009752	83.14863	1.206182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087441	.0007520	87.34849	.1338708	.1164194	.1661043	200.1085
Stddev	.0000258	.0001151	.28333	.0008851	.0002039	.0034022	1.2359
%RSD	.2946501	15.30910	.3243625	.6611285	.1751628	2.048238	.6176291

#1	.0087481	.0008834	87.32433	.1334923	.1161951	.1683613	200.0740
#2	.0087165	.0006689	87.64312	.1348822	.1165936	.1677605	201.3612
#3	.0087676	.0007037	87.07801	.1332379	.1164696	.1621911	198.8901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.243045	43.61033	.1734537	-.017162	1.730337	.2727742	1.209668
Stddev	.042790	.26137	.0005758	.000396	.240275	.0030706	.025871
%RSD	.5907735	.5993246	.3319594	2.305829	13.88604	1.125703	2.138689

#1	7.248984	43.66213	.1734871	-.017532	1.548069	.2744403	1.230193
#2	7.282556	43.84192	.1728619	-.016745	1.640319	.2692306	1.180608
#3	7.197596	43.32694	.1740120	-.017208	2.002623	.2746516	1.218203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.626447	.3945570	.2010400	.0195845	.2053039	51.80850	.0035044
Stddev	.027507	.0026791	.0057520	.0002073	.0017448	.71344	.0010275
%RSD	.3606749	.6790066	2.861122	1.058710	.8498810	1.377067	29.31982

#1	7.594761	.3945660	.2019808	.0197169	.2047488	51.52344	.0039768
#2	7.644196	.3972315	.1948756	.0193456	.2072587	52.62039	.0023256
#3	7.640383	.3918734	.2062636	.0196912	.2039041	51.28165	.0042106

Sample Name: M3849-01 Acquired: 01/10/2022 5:17:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX308 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.101554	.0930345	-.069187
Stddev	.005211	.0015493	.000864
%RSD	.4730471	1.665243	1.248523

#1	1.098616	.0938963	-.069443
#2	1.107571	.0939611	-.069894
#3	1.098476	.0912459	-.068224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.024	44006.84	6774.613	1232.460	1930.544
Stddev	2.288	363.55	28.724	23.571	2.447
%RSD	.1622496	.8261169	.4239998	1.912510	.1267311

#1	1412.665	43618.22	6750.624	1217.112	1932.889
#2	1408.662	44338.63	6766.771	1259.600	1928.007
#3	1408.745	44063.67	6806.444	1220.669	1930.737

Sample Name: M3849-02 Acquired: 01/10/2022 5:21:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX309 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1238704	-.009491	2.207413	.0324773	.0080520	101.1290	1.213496
Stddev	.0066909	.008169	.041133	.0032049	.0019123	.8609	.002482
%RSD	5.401554	86.07170	1.863424	9.868041	23.74931	.8512768	.2045720

#1	.1245713	-.011928	2.190921	.0318717	.0058824	101.4975	1.216278
#2	.1168566	-.000381	2.254233	.0296184	.0094926	101.7443	1.211507
#3	.1301833	-.016164	2.177084	.0359418	.0087811	100.1452	1.212703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117221	.0070165	52.02481	.1829717	.0931807	.4714194	266.5817
Stddev	.0002136	.0004057	.17417	.0005695	.0011708	.0071379	1.6093
%RSD	1.822419	5.782317	.3347875	.3112420	1.256490	1.514121	.6036717

#1	.0116358	.0068043	52.18210	.1832369	.0929510	.4720006	267.1419
#2	.0119654	.0074843	52.05470	.1833601	.0944493	.4782489	267.8359
#3	.0115652	.0067608	51.83762	.1823179	.0921417	.4640087	264.7671

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.246199	17.93635	.2256118	-.019017	1.776294	.3413937	2.181379
Stddev	.020723	.09283	.0043560	.000684	.189917	.0016351	.048945
%RSD	.4880441	.5175710	1.930765	3.595084	10.69174	.4789363	2.243751

#1	4.249666	18.04016	.2244591	-.018249	1.852367	.3427982	2.237605
#2	4.264970	17.90758	.2304282	-.019560	1.916381	.3417841	2.158222
#3	4.223961	17.86131	.2219480	-.019241	1.560134	.3395988	2.148310

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.15720	.8990743	.2657482	.0205639	.5335290	50.77281	.2236536
Stddev	.20015	.0169435	.0017594	.0009190	.0089746	.59462	.0060798
%RSD	1.646382	1.884548	.6620503	4.469165	1.682120	1.171139	2.718383

#1	12.16667	.8921907	.2666215	.0195286	.5282987	50.87291	.2228648
#2	12.35245	.9183762	.2637230	.0212833	.5438919	51.31102	.2300892
#3	11.95248	.8866559	.2669001	.0208797	.5283966	50.13449	.2180067

Sample Name: M3849-02 Acquired: 01/10/2022 5:21:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX309 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.890491	.0960186	-.050785
Stddev	.006096	.0002038	.001645
%RSD	.3224732	.2122889	3.239507

#1	1.888341	.0962393	-.050950
#2	1.885761	.0959792	-.052341
#3	1.897371	.0958374	-.049063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.088	45012.89	6934.862	1256.868	1939.309
Stddev	18.980	92.17	57.918	10.862	30.165
%RSD	1.322535	.2047607	.8351692	.8642461	1.555453

#1	1443.880	45049.18	6913.872	1256.559	1950.427
#2	1413.307	44908.10	6890.366	1267.882	1905.163
#3	1448.078	45081.38	7000.349	1246.164	1962.338

Sample Name: M3849-03 Acquired: 01/10/2022 5:25:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX310 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2104043	-.011970	4.607738	.0439663	.0190592	106.8411	2.855596
Stddev	.0016549	.004954	.008560	.0038700	.0033963	.3939	.011495
%RSD	.7865079	41.39073	.1857663	8.802260	17.81970	.3686964	.4025282

#1	.2092855	-.007392	4.604181	.0449845	.0181213	107.2523	2.852093
#2	.2096222	-.011287	4.601530	.0396889	.0162304	106.4671	2.846261
#3	.2123052	-.017230	4.617502	.0472254	.0228258	106.8039	2.868435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214727	.0224311	104.0998	.2275221	.1031946	.6764192	393.4896
Stddev	.0000411	.0002065	.2061	.0009321	.0005665	.0025036	1.5325
%RSD	.1916224	.9203830	.1979474	.4096874	.5489139	.3701236	.3894704

#1	.0215024	.0223638	104.2199	.2285632	.1035500	.6781614	394.9274
#2	.0214257	.0226628	103.8618	.2272378	.1025414	.6775459	391.8773
#3	.0214899	.0222667	104.2176	.2267652	.1034925	.6735502	393.6642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.622533	15.33302	.2806650	-.027272	3.259510	.6254298	4.142975
Stddev	.022327	.03900	.0008902	.000239	.111950	.0011974	.019529
%RSD	.4829968	.2543768	.3171575	.8781463	3.434566	.1914489	.4713834

#1	4.645619	15.35812	.2816920	-.027283	3.363135	.6267429	4.123027
#2	4.601052	15.28808	.2801135	-.027027	3.140771	.6243985	4.143840
#3	4.620927	15.35284	.2801897	-.027506	3.274625	.6251479	4.162057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.10696	1.512048	.6320437	.0702982	1.416150	32.19175	.7311865
Stddev	.17762	.001718	.0061852	.0007276	.004263	.26781	.0026596
%RSD	1.259078	.1136532	.9785951	1.034997	.3009958	.8319060	.3637330

#1	14.30933	1.512037	.6380847	.0702908	1.414327	32.48378	.7332521
#2	13.97692	1.513771	.6257239	.0710294	1.421021	31.95766	.7281856
#3	14.03463	1.510335	.6323225	.0695743	1.413102	32.13381	.7321218

Sample Name: M3849-03 Acquired: 01/10/2022 5:25:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX310 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.976010	.0947164	-.043167
Stddev	.005507	.0003061	.000073
%RSD	.1850571	.3231671	.1690376

#1	2.977660	.0948404	-.043219
#2	2.969867	.0943678	-.043084
#3	2.980505	.0949410	-.043199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.035	43685.64	6744.047	1203.722	1863.630
Stddev	2.986	298.11	41.186	1.693	5.573
%RSD	.2139038	.6824091	.6106964	.1406871	.2990254

#1	1393.056	43782.92	6698.458	1204.409	1857.268
#2	1396.021	43351.03	6755.116	1204.963	1867.646
#3	1399.028	43922.96	6778.566	1201.793	1865.977

Sample Name: M3849-04 Acquired: 01/10/2022 5:29:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX311 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2520465	-.008992	4.572021	.0558699	.0212582	144.8548	2.977530
Stddev	.0093406	.013031	.004159	.0042182	.0061782	.5236	.011024
%RSD	3.705914	144.9208	.0909755	7.549999	29.06285	.3614992	.3702444

#1	.2469029	-.016563	4.567763	.0535762	.0264359	145.0542	2.987549
#2	.2628284	.006055	4.572226	.0532955	.0144191	145.2494	2.979322
#3	.2464083	-.016467	4.576074	.0607379	.0229195	144.2607	2.965720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255886	.0239403	116.7449	.2640571	.1640634	1.420091	417.5686
Stddev	.0001354	.0001639	.3877	.0010615	.0003072	.002110	1.0937
%RSD	.5291452	.6847314	.3320601	.4019788	.1872383	.1485509	.2619298

#1	.0254971	.0241193	116.5233	.2633769	.1637164	1.417674	417.3429
#2	.0255245	.0237975	117.1925	.2635143	.1641736	1.421559	418.7576
#3	.0257441	.0239040	116.5189	.2652802	.1643004	1.421041	416.6054

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12496	24.69298	.3639096	-.030606	4.875882	.8560053	5.900224
Stddev	.01194	.05347	.0019547	.000327	.199622	.0088887	.073540
%RSD	.1179312	.2165305	.5371286	1.068881	4.094066	1.038394	1.246395

#1	10.12180	24.63829	.3627621	-.030955	5.106295	.8615420	5.959099
#2	10.13816	24.74514	.3628000	-.030307	4.755078	.8607214	5.817792
#3	10.11492	24.69549	.3661665	-.030555	4.766273	.8457524	5.923781

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.30049	1.607544	.7660773	.0872379	1.170977	30.00218	.1928759
Stddev	.05634	.002370	.0054345	.0007391	.000943	.29406	.0018989
%RSD	.3256398	.1474158	.7093981	.8472515	.0804991	.9801362	.9845121

#1	17.23582	1.604877	.7639685	.0880758	1.172063	29.71448	.1918419
#2	17.33897	1.608351	.7722501	.0866786	1.170494	29.98984	.1950674
#3	17.32667	1.609405	.7620131	.0869591	1.170373	30.30221	.1917184

Sample Name: M3849-04 Acquired: 01/10/2022 5:29:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX311 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.365170	.1421029	-.008096
Stddev	.019138	.0006180	.001225
%RSD	.5687121	.4348675	15.13359

#1	3.357673	.1428137	-.007349
#2	3.350914	.1418008	-.009510
#3	3.386921	.1416940	-.007429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.871	45601.91	7091.051	1255.653	1839.644
Stddev	2.850	366.38	22.717	15.919	2.578
%RSD	.1973629	.8034353	.3203638	1.267751	.1401266

#1	1446.383	45183.78	7089.877	1241.421	1840.316
#2	1444.457	45755.19	7114.332	1272.843	1841.820
#3	1440.774	45866.76	7068.943	1252.696	1836.797

Sample Name: M3849-05 Acquired: 01/10/2022 5:33:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX312 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079952	.0070115	.6775544	.0433022	.0069786	78.91591	2.512629
Stddev	.0107388	.0052643	.0034201	.0052097	.0017890	.84909	.018486
%RSD	5.162982	75.08091	.5047784	12.03100	25.63586	1.075945	.7357293

#1	.2015797	.0018056	.6813512	.0372928	.0084486	79.82289	2.521225
#2	.2203928	.0123323	.6747149	.0465428	.0075005	78.78492	2.525252
#3	.2020132	.0068967	.6765971	.0460711	.0049866	78.13993	2.491410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103787	.0028806	71.69750	.1741107	.1568719	.2375675	334.1929
Stddev	.0000418	.0000912	.39985	.0011272	.0002057	.0040012	2.7570
%RSD	.4025229	3.164430	.5576956	.6474150	.1311152	1.684226	.8249635

#1	.0104147	.0027766	72.11510	.1753883	.1570007	.2421148	337.2502
#2	.0103886	.0029186	71.65926	.1732566	.1566347	.2345861	333.4327
#3	.0103329	.0029466	71.31813	.1736871	.1569804	.2360015	331.8958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.02925	24.12717	.3453751	-.029019	2.413744	.2529516	1.188549
Stddev	.14923	.26750	.0004523	.000368	.214156	.0046808	.051944
%RSD	.7096461	1.108714	.1309490	1.266867	8.872352	1.850469	4.370330

#1	21.20018	24.43272	.3451188	-.028639	2.655328	.2541583	1.148006
#2	20.96264	24.01353	.3458973	-.029372	2.338676	.2569109	1.247100
#3	20.92491	23.93524	.3451092	-.029046	2.247228	.2477856	1.170542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.356058	.7587957	.2453049	.0193100	.4793327	47.59776	-.001539
Stddev	.115039	.0027815	.0064054	.0007996	.0016470	.25533	.000328
%RSD	1.563874	.3665729	2.611213	4.141017	.3436050	.5364226	21.33602

#1	7.417169	.7580774	.2420103	.0184254	.4775926	47.87684	-.001264
#2	7.223360	.7618659	.2526870	.0199815	.4795382	47.37590	-.001903
#3	7.427646	.7564437	.2412173	.0195231	.4808673	47.54054	-.001451

Sample Name: M3849-05 Acquired: 01/10/2022 5:33:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX312 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.202071	.0860128	-.140296
Stddev	.002911	.0017298	.002899
%RSD	.2421831	2.011070	2.066478

#1	1.198724	.0880100	-.143642
#2	1.203478	.0849909	-.138708
#3	1.204011	.0850374	-.138536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.716	45787.15	7056.983	1276.393	1949.747
Stddev	5.224	212.36	31.520	6.093	3.238
%RSD	.3569200	.4638065	.4466454	.4773242	.1660547

#1	1459.857	45836.65	7034.515	1280.507	1946.586
#2	1469.661	45970.40	7093.013	1279.278	1953.056
#3	1461.630	45554.41	7043.420	1269.394	1949.599

Sample Name: M3849-06 Acquired: 01/10/2022 5:37:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX313 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671504	-.003546	9.698258	.0270601	.0064915	71.02376	2.542545
Stddev	.0053121	.007724	.068123	.0046918	.0050565	.53595	.008332
%RSD	3.178052	217.8419	.7024200	17.33852	77.89445	.7546098	.3276975

#1	.1723840	-.006974	9.719147	.0229959	.0115159	71.53695	2.541540
#2	.1617631	.005299	9.622137	.0321946	.0014034	71.06668	2.534761
#3	.1673039	-.008963	9.753491	.0259897	.0065553	70.46763	2.551334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083745	.0052129	279.5602	.1313250	.1116461	.1918988	225.4317
Stddev	.0001032	.0002045	1.2760	.0007645	.0012153	.0042413	1.8385
%RSD	1.232109	3.922127	.4564182	.5821708	1.088505	2.210154	.8155446

#1	.0084856	.0053500	281.0110	.1322035	.1116157	.1925811	227.2240
#2	.0082817	.0049779	279.0572	.1308097	.1104462	.1957576	225.5208
#3	.0083561	.0053108	278.6124	.1309620	.1128762	.1873578	223.5503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.07675	23.13655	.2204534	-.019290	1.884117	.2301987	1.368763
Stddev	.10782	.23204	.0012992	.000351	.125599	.0054054	.016194
%RSD	.8245242	1.002911	.5893348	1.821117	6.666191	2.348152	1.183078

#1	13.19187	23.38083	.2214350	-.019675	1.749613	.2359043	1.359282
#2	13.06027	23.10973	.2189801	-.018987	1.904394	.2295374	1.359546
#3	12.97812	22.91908	.2209451	-.019208	1.998343	.2251543	1.387461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.725985	.4828800	.1733860	.0149264	.3855774	50.97020	.0116200
Stddev	.088374	.0039007	.0022532	.0002401	.0029711	.73672	.0011155
%RSD	1.543393	.8077946	1.299522	1.608819	.7705591	1.445400	9.599738

#1	5.786620	.4858557	.1740946	.0146529	.3851337	51.55711	.0117087
#2	5.766748	.4784640	.1751997	.0150235	.3828531	51.21006	.0104629
#3	5.624586	.4843203	.1708637	.0151028	.3887454	50.14344	.0126886

Sample Name: M3849-06 Acquired: 01/10/2022 5:37:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX313 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.062803	.0782501	.3469783
Stddev	.006336	.0009030	.0007240
%RSD	.5962032	1.153964	.2086478

#1	1.061347	.0773816	.3468179
#2	1.057322	.0781846	.3463480
#3	1.069741	.0791840	.3477690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.822	43296.03	6628.371	1203.448	1862.540
Stddev	3.893	404.47	97.610	3.898	8.889
%RSD	.2825615	.9342010	1.472609	.3239386	.4772498

#1	1377.190	43180.61	6533.085	1200.817	1862.709
#2	1381.993	43745.67	6623.876	1207.927	1871.343
#3	1374.284	42961.81	6728.150	1201.599	1853.568

Sample Name: M3849-07 Acquired: 01/10/2022 5:41:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX314 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160571	-.003210	9.646735	.0248294	.0029217	81.18504	1.915946
Stddev	.0123674	.005228	.016674	.0116853	.0022587	.76240	.009068
%RSD	10.65631	162.8322	.1728471	47.06251	77.30564	.9390941	.4732697

#1	.1138591	.001391	9.648940	.0328143	.0047904	81.90798	1.921152
#2	.1049361	-.002128	9.629069	.0302565	.0004118	81.25863	1.921210
#3	.1293761	-.008895	9.662198	.0114174	.0035629	80.38851	1.905475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077705	.0123757	81.33816	.1347974	.1414144	.1465209	176.7098
Stddev	.0001174	.0001043	.33761	.0003735	.0002807	.0039424	1.1062
%RSD	1.511120	.8426143	.4150734	.2771122	.1984830	2.690673	.6260145

#1	.0078491	.0123687	81.63338	.1346377	.1410979	.1501094	177.8633
#2	.0078268	.0122750	81.41105	.1345304	.1416329	.1471525	176.6082
#3	.0076355	.0124832	80.97006	.1352243	.1415125	.1423009	175.6578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.904213	15.15220	.1406437	-.015000	1.315693	.2656423	1.438058
Stddev	.065433	.07329	.0006151	.000430	.335449	.0079882	.032664
%RSD	.6606574	.4836941	.4373141	2.863841	25.49602	3.007141	2.271368

#1	9.971952	15.22505	.1399461	-.015185	.960441	.2711965	1.427379
#2	9.899328	15.15308	.1408771	-.015306	1.359629	.2692430	1.412072
#3	9.841360	15.07848	.1411078	-.014509	1.627010	.2564875	1.474725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082104	.3557726	.1416961	.0143004	.1652040	51.07987	.0244532
Stddev	.077541	.0002556	.0018373	.0005084	.0005511	.53248	.0008804
%RSD	1.525762	.0718292	1.296651	3.555073	.3335604	1.042444	3.600137

#1	5.166987	.3560675	.1429147	.0139412	.1658280	51.53742	.0236267
#2	5.064332	.3556338	.1395828	.0148821	.1647843	51.20680	.0253790
#3	5.014991	.3556165	.1425907	.0140779	.1649997	50.49540	.0243540

Sample Name: M3849-07 Acquired: 01/10/2022 5:41:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX314 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.061382	.0701945	.0068771
Stddev	.005944	.0007212	.0010065
%RSD	.5600108	1.027394	14.63606

#1	1.055502	.0696118	.0057339
#2	1.061257	.0710011	.0072670
#3	1.067388	.0699707	.0076304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.730	43815.03	6731.829	1234.231	1959.522
Stddev	2.155	162.04	31.622	8.207	2.335
%RSD	.1518876	.3698292	.4697454	.6649167	.1191684

#1	1416.966	43721.09	6695.675	1237.143	1956.973
#2	1418.093	44002.14	6745.476	1240.584	1960.034
#3	1421.132	43721.87	6754.337	1224.965	1961.559

Sample Name: M3849-09 Acquired: 01/10/2022 5:45:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX316 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1494164	-.003918	2.434706	.0327769	.0081760	74.25149	2.177261
Stddev	.0167934	.001418	.004412	.0066347	.0018463	1.07154	.014975
%RSD	11.23935	36.20417	.1812209	20.24195	22.58164	1.443128	.6878051

#1	.1529431	-.002512	2.430574	.0257205	.0060504	73.50935	2.177303
#2	.1311397	-.005348	2.434191	.0337215	.0093813	75.47996	2.192215
#3	.1641664	-.003893	2.439353	.0388886	.0090962	73.76516	2.162264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107830	.0050032	124.6862	.1635363	.1100171	.3537435	246.3581
Stddev	.0000589	.0002069	.8088	.0041435	.0008797	.0084464	3.0539
%RSD	.5458475	4.135452	.6486832	2.533669	.7995761	2.387709	1.239629

#1	.0107491	.0052268	124.4623	.1626853	.1090802	.3467228	243.8449
#2	.0108510	.0049643	125.5834	.1598844	.1101456	.3631167	249.7570
#3	.0107489	.0048186	124.0129	.1680392	.1108254	.3513910	245.4726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.510798	20.73456	.2012736	-.021052	1.981554	.3027341	1.777457
Stddev	.105983	.26343	.0003067	.001273	.123462	.0058572	.029073
%RSD	1.114348	1.270494	.1523713	6.045437	6.230562	1.934766	1.635624

#1	9.425646	20.51248	.2014018	-.020668	1.962248	.3007643	1.763123
#2	9.629494	21.02562	.2009236	-.020016	1.868883	.3093223	1.758335
#3	9.477253	20.66557	.2014954	-.022473	2.113532	.2981158	1.810913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.884318	.4376839	.2202735	.0224602	.3456999	51.21101	.0301034
Stddev	.070873	.0014986	.0058370	.0003739	.0005115	.46393	.0029816
%RSD	1.204438	.3423897	2.649881	1.664908	.1479478	.9059238	9.904533

#1	5.890147	.4377298	.2136655	.0222838	.3452792	51.56893	.0286262
#2	5.952097	.4361628	.2224280	.0222072	.3462692	51.37724	.0281487
#3	5.810711	.4391589	.2247269	.0228897	.3455512	50.68686	.0335352

Sample Name: M3849-09 Acquired: 01/10/2022 5:45:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX316 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.134740	.0719685	.0066383
Stddev	.005016	.0008070	.0026380
%RSD	.4420679	1.121298	39.73844

#1	1.140395	.0724448	.0083414
#2	1.130826	.0724238	.0035996
#3	1.132998	.0710367	.0079739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.132	43440.63	6773.637	1203.351	1940.621
Stddev	1.678	1291.95	59.488	43.994	1.293
%RSD	.1186791	2.974060	.8782288	3.655944	.0666287

#1	1412.407	44520.67	6809.510	1237.892	1939.376
#2	1414.230	43791.82	6704.969	1218.339	1941.957
#3	1415.759	42009.39	6806.432	1153.821	1940.530

Sample Name: M3849-10 Acquired: 01/10/2022 5:50:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX317 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1761502	-.003583	4.873386	.0319992	.0130381	81.79188	2.390038
Stddev	.0185598	.007909	.009555	.0030091	.0048125	.64497	.010234
%RSD	10.53634	220.7545	.1960749	9.403636	36.91117	.7885559	.4281838

#1	.1963188	-.003337	4.866507	.0354419	.0165572	81.29521	2.378687
#2	.1597901	.004201	4.884297	.0306847	.0150030	81.55961	2.398558
#3	.1723417	-.011611	4.869354	.0298710	.0075540	82.52082	2.392870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138779	.0116559	54.41354	.1755030	.0907929	.5152870	236.7082
Stddev	.0000782	.0001105	.10206	.0007974	.0000704	.0068824	1.3932
%RSD	.5637882	.9478449	.1875628	.4543273	.0775196	1.335639	.5885851

#1	.0139065	.0117465	54.29647	.1763843	.0908740	.5145126	235.9148
#2	.0137893	.0116883	54.46038	.1748314	.0907484	.5088246	235.8928
#3	.0139378	.0115328	54.48378	.1752934	.0907562	.5225238	238.3169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.054766	11.30997	.2371285	-.016072	2.025354	.3220689	3.431842
Stddev	.035340	.09715	.0010302	.000203	.184150	.0002353	.140211
%RSD	.5836738	.8589675	.4344513	1.260450	9.092230	.0730602	4.085601

#1	6.021816	11.21166	.2360167	-.015868	1.814136	.3218034	3.285685
#2	6.050393	11.31233	.2373182	-.016273	2.109722	.3221516	3.444605
#3	6.092089	11.40592	.2380507	-.016073	2.152205	.3222517	3.565235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41381	2.167933	.2911890	.0387730	.9607297	43.79499	.1348851
Stddev	.21381	.004823	.0071957	.0005884	.0046359	.43504	.0019553
%RSD	2.053096	.2224615	2.471141	1.517566	.4825391	.9933663	1.449613

#1	10.46124	2.164124	.2844574	.0387227	.9598709	44.21688	.1371251
#2	10.18027	2.166320	.2903367	.0382113	.9565833	43.82019	.1340101
#3	10.59992	2.173356	.2987729	.0393849	.9657350	43.34789	.1335201

Sample Name: M3849-10 Acquired: 01/10/2022 5:50:00 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX317 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.727388	.0764137	.0060428
Stddev	.007321	.0014518	.0014480
%RSD	.4238123	1.899921	23.96180

#1	1.726872	.0764019	.0062701
#2	1.734953	.0778713	.0073636
#3	1.720339	.0749678	.0044946

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1484.040	46135.61	7007.070	1280.103	1966.725
Stddev	2.984	169.48	41.460	13.723	1.829
%RSD	.2010875	.3673489	.5916870	1.072037	.0930137

#1	1484.837	46091.76	6962.720	1292.929	1968.436
#2	1480.738	46322.70	7044.856	1281.750	1964.796
#3	1486.544	45992.36	7013.634	1265.631	1966.942

Sample Name: M3849-11 Acquired: 01/10/2022 5:54:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX318 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1512239	.0013009	8.605226	.0270643	.0091767	82.47030	3.257836
Stddev	.0105849	.0049526	.007414	.0008674	.0043104	.31634	.009451
%RSD	6.999462	380.6988	.0861514	3.205068	46.97080	.3835766	.2901077

#1	.1610645	-.004345	8.613044	.0280648	.0124191	82.14988	3.268370
#2	.1400258	.004911	8.598297	.0265238	.0042853	82.47864	3.255039
#3	.1525816	.003337	8.604338	.0266042	.0108258	82.78239	3.250099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123710	.0071468	29.76232	.1494097	.1312383	.3528357	195.4459
Stddev	.0001412	.0000259	.02605	.0023979	.0003216	.0042290	.4384
%RSD	1.141323	.3620143	.0875424	1.604943	.2450694	1.198572	.2242954

#1	.0122910	.0071194	29.76115	.1500741	.1314475	.3493430	195.0251
#2	.0122879	.0071708	29.73687	.1467496	.1308680	.3516265	195.4128
#3	.0125340	.0071504	29.78894	.1514053	.1313995	.3575376	195.8999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.277384	10.77224	.2388059	-.014426	2.235052	.2718246	4.260938
Stddev	.020016	.06507	.0010714	.000357	.158642	.0027609	.104614
%RSD	.2157472	.6040562	.4486639	2.476661	7.097911	1.015682	2.455196

#1	9.262355	10.75555	.2393573	-.014661	2.308408	.2697304	4.206944
#2	9.269692	10.84403	.2375710	-.014015	2.053007	.2749533	4.194353
#3	9.300104	10.71714	.2394893	-.014603	2.343739	.2707901	4.381518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.215074	1.648458	.2763647	.0288907	.6741043	45.07736	.0722739
Stddev	.075096	.003894	.0026522	.0001346	.0024953	.20868	.0019384
%RSD	.8149267	.2361927	.9596877	.4659197	.3701661	.4629348	2.682007

#1	9.177414	1.644420	.2782172	.0290454	.6717313	45.28399	.0739186
#2	9.166259	1.648765	.2733264	.0288263	.6738755	44.86669	.0727663
#3	9.301548	1.652189	.2775504	.0288003	.6767061	45.08139	.0701368

Sample Name: M3849-11 Acquired: 01/10/2022 5:54:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX318 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.488341	.0839625	-.019553
Stddev	.002955	.0013151	.000440
%RSD	.1985288	1.566292	2.250092

#1	1.485398	.0849090	-.019059
#2	1.491308	.0824608	-.019904
#3	1.488318	.0845176	-.019695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.339	49235.08	7469.448	1368.561	2000.310
Stddev	3.240	760.35	39.305	24.673	2.452
%RSD	.2048741	1.544323	.5262046	1.802817	.1225801

#1	1583.677	49355.70	7502.872	1380.392	1998.957
#2	1577.641	49927.91	7479.325	1385.089	1998.832
#3	1582.699	48421.63	7426.147	1340.200	2003.140

Sample Name: M3849-12 Acquired: 01/10/2022 5:58:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1329070	-.006249	1.438818	.0183177	.0025233	96.25036	1.503836
Stddev	.0030318	.002229	.002665	.0010382	.0042035	1.66784	.021455
%RSD	2.281139	35.66429	.1852026	5.667599	166.5839	1.732813	1.426694

#1	.1355861	-.006497	1.435876	.0188633	.0063843	98.10509	1.526274
#2	.1335188	-.008343	1.441069	.0171205	.0031401	95.77209	1.501714
#3	.1296159	-.003907	1.439509	.0189693	-.001954	94.87391	1.483522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108146	.0022000	26.42249	.1365673	.1521835	.2906081	186.7920
Stddev	.0001275	.0001339	.41313	.0004242	.0003217	.0054079	2.7764
%RSD	1.178511	6.084561	1.563537	.3106543	.2113908	1.860907	1.486370

#1	.0109340	.0020751	26.89103	.1360987	.1518862	.2954553	189.9474
#2	.0106804	.0023413	26.26585	.1369254	.1521393	.2915940	185.7052
#3	.0108294	.0021836	26.11060	.1366778	.1525250	.2847750	184.7234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.537055	12.96005	.2319242	-.014821	1.458407	.2619209	1.595526
Stddev	.148660	.20469	.0008871	.000456	.041886	.0040233	.048820
%RSD	1.558766	1.579422	.3825114	3.074423	2.872033	1.536069	3.059831

#1	9.705728	13.17165	.2309098	-.014417	1.415658	.2665650	1.618526
#2	9.480323	12.94546	.2325549	-.015315	1.460192	.2597043	1.628597
#3	9.425115	12.76304	.2323078	-.014730	1.499373	.2594934	1.539453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.926867	1.154795	.2202242	.0238440	.2731745	44.58173	.0177080
Stddev	.225266	.005642	.0061468	.0002207	.0022569	.54897	.0021715
%RSD	2.523456	.4885522	2.791170	.9255804	.8261704	1.231386	12.26300

#1	9.177967	1.156822	.2247447	.0239096	.2745120	45.11780	.0192978
#2	8.742529	1.148420	.2227027	.0235979	.2705688	44.02071	.0185924
#3	8.860103	1.159143	.2132250	.0240245	.2744427	44.60668	.0152339

Sample Name: M3849-12 Acquired: 01/10/2022 5:58:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX319 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.436927	.0974959	-.060129
Stddev	.019786	.0020492	.000982
%RSD	1.376934	2.101788	1.632578

#1	1.458871	.0998534	-.061207
#2	1.431459	.0964916	-.059895
#3	1.420449	.0961426	-.059286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.512	49232.04	7442.529	1374.424	1984.233
Stddev	4.364	118.67	99.957	14.264	4.439
%RSD	.2740131	.2410386	1.343051	1.037844	.2237235

#1	1596.686	49187.14	7327.338	1372.129	1988.921
#2	1592.868	49142.37	7493.829	1361.447	1983.686
#3	1587.981	49366.61	7506.421	1389.697	1980.093

Sample Name: M3849-13 Acquired: 01/10/2022 6:02:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX320 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1626568	-.007297	4.987723	.0270580	.0055265	90.99584	2.008722
Stddev	.0017706	.004495	.006463	.0060616	.0023514	1.29917	.010002
%RSD	1.088563	61.60281	.1295846	22.40229	42.54749	1.427723	.4979206

#1	.1641047	-.009516	4.993596	.0325972	.0077166	90.20961	1.998480
#2	.1606828	-.010251	4.980798	.0205829	.0058214	90.28250	2.009222
#3	.1631831	-.002124	4.988777	.0279939	.0030416	92.49540	2.018465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113338	.0055643	34.95912	.1797429	.1266358	.2077304	239.2364
Stddev	.0002052	.0001262	.18988	.0001566	.0008638	.0070239	2.8143
%RSD	1.810103	2.267824	.5431448	.0871480	.6821012	3.381239	1.176358

#1	.0115095	.0055759	34.90323	.1796590	.1260058	.2049459	237.7149
#2	.0111083	.0056844	34.80345	.1796461	.1276205	.2025256	237.5104
#3	.0113837	.0054328	35.17066	.1799236	.1262813	.2157195	242.4839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.476672	17.36999	.2233471	-.020267	1.199086	.2724103	2.173954
Stddev	.089030	.19609	.0004643	.000675	.105907	.0063348	.016622
%RSD	.9394654	1.128882	.2078752	3.330448	8.832319	2.325444	.7646080

#1	9.408496	17.27810	.2238179	-.020794	1.247634	.2691517	2.154878
#2	9.444124	17.23673	.2228896	-.020500	1.077608	.2683681	2.181657
#3	9.577396	17.59515	.2233340	-.019506	1.272017	.2797110	2.185328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.987521	.9273345	.1884128	.0156841	.3473463	48.25626	.0115333
Stddev	.176229	.0057123	.0027738	.0003499	.0023447	.56883	.0039122
%RSD	1.764495	.6159921	1.472210	2.230952	.6750276	1.178778	33.92096

#1	10.03064	.9207397	.1870381	.0158967	.3447971	48.89096	.0106248
#2	9.79374	.9305246	.1865948	.0152802	.3478310	47.79248	.0158198
#3	10.13819	.9307393	.1916055	.0158752	.3494107	48.08534	.0081553

Sample Name: M3849-13 Acquired: 01/10/2022 6:02:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX320 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.063449	.1058684	-.098183
Stddev	.010643	.0016470	.002829
%RSD	1.000821	1.555673	2.881400

#1	1.070465	.1042910	-.096724
#2	1.068680	.1075771	-.096381
#3	1.051203	.1057370	-.101444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.025	47588.92	7197.600	1322.893	1968.773
Stddev	3.731	252.67	45.733	5.052	2.609
%RSD	.2455938	.5309413	.6353869	.3819157	.1325205

#1	1514.947	47880.46	7159.341	1326.689	1966.532
#2	1519.863	47433.24	7248.251	1317.158	1968.149
#3	1522.265	47453.07	7185.206	1324.830	1971.637

Sample Name: M3849-14 Acquired: 01/10/2022 6:06:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX321 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1617315	-.002709	5.634155	.0344095	.0024074	92.76624	2.498476
Stddev	.0135465	.002922	.005677	.0004149	.0012156	.10910	.010810
%RSD	8.375889	107.8653	.1007522	1.205677	50.49467	.1176092	.4326658

#1	.1492789	-.001486	5.638717	.0346278	.0012192	92.72681	2.510298
#2	.1597600	-.000597	5.627798	.0339311	.0036487	92.68233	2.496033
#3	.1761557	-.006043	5.635949	.0346696	.0023543	92.88957	2.489095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127162	.0042144	24.15217	.1787574	.1362712	.3115791	244.4962
Stddev	.0002091	.0001048	.02536	.0009103	.0005785	.0013256	.1024
%RSD	1.643944	2.486098	.1049811	.5092383	.4245043	.4254292	.0418845

#1	.0125159	.0041553	24.17470	.1787569	.1359685	.3107700	244.5478
#2	.0129330	.0043354	24.15710	.1796679	.1359067	.3108584	244.5625
#3	.0126997	.0041525	24.12472	.1778473	.1369382	.3131089	244.3782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.72345	15.13912	.2153436	-.020375	1.337434	.2905626	2.073169
Stddev	.01489	.08855	.0014944	.000619	.346730	.0007305	.019564
%RSD	.1388211	.5849151	.6939684	3.036406	25.92503	.2514132	.9436521

#1	10.72856	15.15223	.2162961	-.019694	1.317090	.2899574	2.072409
#2	10.73511	15.22038	.2136212	-.020530	1.001323	.2903563	2.053996
#3	10.70668	15.04474	.2161135	-.020902	1.693888	.2913741	2.093101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.939846	1.031741	.1888263	.0166571	.3442244	45.92228	.0273319
Stddev	.015132	.001110	.0070621	.0007093	.0007383	.56634	.0031867
%RSD	.1905808	.1076162	3.739984	4.257952	.2144816	1.233265	11.65915

#1	7.933185	1.030801	.1960137	.0171357	.3433748	45.40270	.0277607
#2	7.957166	1.032966	.1818966	.0169932	.3447106	46.52598	.0239525
#3	7.929188	1.031456	.1885685	.0158422	.3445877	45.83815	.0302824

Sample Name: M3849-14 Acquired: 01/10/2022 6:06:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX321 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.152168	.1010137	-.105210
Stddev	.004256	.0013231	.000652
%RSD	.3693592	1.309779	.6195598

#1	1.148372	.1024676	-.105885
#2	1.151365	.1006932	-.105160
#3	1.156769	.0998804	-.104584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.476	47980.83	7243.993	1339.810	1970.613
Stddev	2.053	233.77	53.961	15.194	1.899
%RSD	.1332797	.4872068	.7449062	1.134055	.0963607

#1	1539.607	47841.02	7300.285	1333.858	1968.967
#2	1539.000	48250.70	7238.982	1357.079	1970.182
#3	1542.821	47850.76	7192.713	1328.492	1972.691

Sample Name: CCV066 Acquired: 01/10/2022 6:10:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.001622	4.881553	24.58186	4.851554	4.914732	395.9988
Stddev	.027967	.017773	.04704	.010053	.012575	.9379
%RSD	.5591574	.3640928	.1913492	.2072049	.2558623	.2368417

#1	4.969360	4.885270	24.55803	4.862553	4.925613	396.7225
#2	5.016517	4.862216	24.55151	4.849269	4.917618	394.9392
#3	5.018990	4.897175	24.63604	4.842841	4.900965	396.3347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05840	.5166508	2.472016	388.9287	15.16962	2.467325
Stddev	.00629	.0049905	.005172	.8938	.04826	.008322
%RSD	.0625234	.9659393	.2092100	.2298037	.3181109	.3372750

#1	10.05360	.5212730	2.467282	389.6059	15.16492	2.460229
#2	10.05607	.5113594	2.471232	387.9157	15.12389	2.465261
#3	10.06552	.5173199	2.477536	389.2646	15.22005	2.476484

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49660	385.7134	14.36223	379.4252	2.507042	1.224131
Stddev	.03573	.6975	.03308	.3181	.000528	.009466
%RSD	.2464524	.1808466	.2303189	.0838456	.0210461	.7732610

#1	14.52676	386.3259	14.39302	379.5476	2.506556	1.213464
#2	14.45714	384.9541	14.32726	379.0641	2.506968	1.227402
#3	14.50589	385.8602	14.36641	379.6640	2.507603	1.231528

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.7103	2.428984	14.19495	149.4812	F 5.935503	5.170640
Stddev	1.2745	.011457	.06982	.7670	.017998	.040357
%RSD	.3261933	.4716647	.4918581	.5130985	.3032327	.7805001

#1	391.5057	2.431173	14.24882	150.2307	5.931887	5.213226
#2	389.2404	2.416590	14.11607	148.6978	5.919588	5.132961
#3	391.3849	2.439187	14.21997	149.5153	5.955035	5.165733

Sample Name: CCV066 Acquired: 01/10/2022 6:10:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.844742	5.221700	5.043225	5.046120	4.928494	5.058710
Stddev	.006290	.018150	.053318	.007953	.013606	.005797
%RSD	.1298379	.3475872	1.057211	.1576106	.2760731	.1145874

#1	4.848048	5.231414	5.090907	5.039721	4.912981	5.053363
#2	4.837488	5.200760	4.985656	5.055024	4.934094	5.057895
#3	4.848689	5.232925	5.053114	5.043616	4.938407	5.064871

Elem	Sr4077
Units	ppm
Avg	4.732404
Stddev	.000872
%RSD	.0184209

#1	4.733105
#2	4.732678
#3	4.731428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.554	36416.96	5745.706	960.2226	1544.567
Stddev	2.180	278.70	16.241	9.7061	3.099
%RSD	.2023033	.7652961	.2826714	1.010817	.2006100

#1	1079.870	36721.37	5728.888	968.7002	1548.103
#2	1075.541	36174.34	5761.302	949.6351	1543.269
#3	1077.251	36355.18	5746.926	962.3325	1542.327

Sample Name: CCB066 Acquired: 01/10/2022 6:18:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000644	-.002781	.0008706	.0005300	-.002183	.0151989	.0009734
Stddev	.002083	.002099	.0013631	.0029887	.002031	.0075914	.0003055
%RSD	323.3447	75.48987	156.5656	563.8700	93.06685	49.94684	31.38813

#1	.001341	-.000886	.0008877	.0026220	-.004425	.0064883	.0012570
#2	-.000461	-.005037	-.000501	-.002893	-.000466	.0187044	.0006499
#3	-.002812	-.002419	.002225	.001861	-.001656	.0204041	.0010133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000123	.0001523	.0224928	.0003322	.0000576	.0008766	.0125613
Stddev	.0000475	.0000514	.0021921	.0004725	.0003974	.0008334	.0166418
%RSD	385.4882	33.77680	9.745816	142.2010	690.0906	95.07192	132.4846

#1	.0000589	.0000931	.0250236	.0003546	-.000135	-.000033	-.006465
#2	.0000139	.0001783	.0211873	.0007931	-.000207	.001604	.024411
#3	-.000036	.0001856	.0212675	-.000151	.000515	.001058	.019737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000237	.0258004	-.000354	-.000021	-.228386	-.000842	.0113569
Stddev	.0004706	.0375173	.000042	.000391	.039954	.003501	.0083551
%RSD	1983.638	145.4133	11.78939	1847.219	17.49397	415.7420	73.56855

#1	.0002472	.0157420	-.000320	-.000124	-.262548	-.000529	.0198405
#2	.0003410	-.005662	-.000400	-.000350	-.238157	-.004490	.0031365
#3	-.000517	.067322	-.000341	.000411	-.184453	.002492	.0110938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2417525	-.001312	.0018183	.0006726	-.000129	.0030403	-.002005
Stddev	.0319522	.000645	.0008900	.0000340	.000333	.0007219	.001433
%RSD	13.21692	49.14385	48.94436	5.050785	257.4098	23.74512	71.50457

#1	.2049023	-.001389	.0026762	.0006343	-.000185	.0027984	-.000476
#2	.2585992	-.000632	.0018793	.0006990	.000228	.0038521	-.002219
#3	.2617560	-.001914	.0008994	.0006846	-.000430	.0024704	-.003318

Sample Name: CCB066 Acquired: 01/10/2022 6:18:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009787	-.001107	.0000549
Stddev	.0016299	.002155	.0000372
%RSD	166.5403	194.6247	67.75520

#1	.0005611	-.003283	.0000957
#2	-.000402	-.001065	.0000227
#3	.002777	.001026	.0000465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.377	39691.23	5953.667	1105.798	2077.239
Stddev	5.120	251.13	36.719	11.009	7.371
%RSD	.3937459	.6327074	.6167519	.9955470	.3548384

#1	1302.364	39741.81	5912.050	1104.778	2078.847
#2	1304.206	39418.66	5981.500	1095.334	2083.674
#3	1294.561	39913.22	5967.450	1117.281	2069.197

Sample Name: M3849-15 Acquired: 01/10/2022 6:22:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX322 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1362952	-.010522	F .7914699	.0320665	.0037768	F 90.65771
Stddev	.0092645	.003551	.0028185	.0035278	.0031593	.57759
%RSD	6.797362	33.74595	.3561095	11.00136	83.64960	.6371106

#1	.1431427	-.011510	.7919917	.0343899	.0057766	90.06267
#2	.1257536	-.013474	.7939911	.0280071	.0001346	91.21610
#3	.1399894	-.006582	.7884270	.0338024	.0054191	90.69436

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.276032	F .0122889	-.001675	F 14.57704	F .1642469	F .1487683
Stddev	.004265	.0004203	.000128	.05264	.0011105	.0004316
%RSD	.3342327	3.419938	7.634903	.3611491	.6761423	.2901012

#1	1.274035	.0122624	-.001764	14.51731	.1647816	.1488159
#2	1.273132	.0127218	-.001528	14.61671	.1649889	.1491741
#3	1.280929	.0118825	-.001732	14.59709	.1629701	.1483149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1181955	F 214.5140	F 11.56250	F 14.52802	F .1868194	F -.019089
Stddev	.0044936	.7594	.05180	.05282	.0011117	.000476
%RSD	3.801830	.3540025	.4479616	.3635515	.5950458	2.491418

#1	.1201190	213.9715	11.51833	14.49149	.1867197	-.019632
#2	.1214071	215.3819	11.61951	14.58857	.1879776	-.018891
#3	.1130603	214.1886	11.54967	14.50398	.1857610	-.018745

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280681	F .2706500	F .8087903	4.905905	F .9129600	F .1439031
Stddev	.203331	.0027649	.0233376	.120796	.0029349	.0046929
%RSD	15.87676	1.021560	2.885496	2.462260	.3214679	3.261130

#1	1.086451	.2675029	.8121799	4.885585	.9140814	.1412073
#2	1.492030	.2726886	.7839433	5.035572	.9151688	.1411801
#3	1.263562	.2717584	.8302478	4.796558	.9096298	.1493219

Sample Name: M3849-15 Acquired: 01/10/2022 6:22:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX322 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081499	F .1347579	F 45.84213	.0002219	F .9757763	F .1038590
Stddev	.0004888	.0009980	.99008	.0005168	.0009815	.0012240
%RSD	5.997649	.7406132	2.159762	232.8921	.1005827	1.178510

#1	.0085737	.1358938	45.52625	.0007235	.9746466	.1025188
#2	.0082609	.1340216	46.95161	.0002513	.9764188	.1049177
#3	.0076152	.1343582	45.04854	-.000309	.9762635	.1041405

Elem	Sr4077
Units	ppm
Avg	F -.136451
Stddev	.000661
%RSD	.4843199

#1	-.135843
#2	-.137154
#3	-.136354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.611	49356.83	7514.136	1402.113	1998.705
Stddev	1.317	484.01	53.535	24.529	3.143
%RSD	.0824147	.9806355	.7124540	1.749420	.1572617

#1	1598.526	48987.17	7538.891	1396.944	2000.068
#2	1598.205	49904.68	7452.703	1428.814	2000.936
#3	1596.102	49178.66	7550.812	1380.580	1995.110

Sample Name: M3849-16 Acquired: 01/10/2022 6:26:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX323 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1343201	-.002470	1.519453	.0270668	.0061934	84.88952	1.017222
Stddev	.0055574	.000814	.001148	.0088629	.0060565	.70267	.001528
%RSD	4.137439	32.96675	.0755415	32.74464	97.78987	.8277456	.1502400

#1	.1391285	-.003406	1.520689	.0212170	-.000686	84.40457	1.018068
#2	.1282356	-.002084	1.518420	.0227193	.010723	84.56865	1.015458
#3	.1355960	-.001921	1.519251	.0372640	.008543	85.69535	1.018140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106424	.0018294	77.63034	.1420276	.1196409	.1877343	231.7210
Stddev	.0000654	.0000698	.16939	.0003890	.0001416	.0027482	1.2089
%RSD	.6148920	3.817396	.2182065	.2738853	.1183498	1.463856	.5217108

#1	.0105806	.0019066	77.53867	.1424766	.1198044	.1850532	230.7069
#2	.0107110	.0017706	77.52653	.1418142	.1195590	.1876047	231.3973
#3	.0106355	.0018109	77.82581	.1417919	.1195593	.1905449	233.0588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.566462	22.43193	.2521323	-.019809	1.321794	.2230480	1.142426
Stddev	.023690	.18336	.0010291	.000663	.106003	.0031268	.013314
%RSD	.4255762	.8173877	.4081794	3.348672	8.019667	1.401839	1.165442

#1	5.544145	22.23234	.2510041	-.020420	1.404150	.2228484	1.157726
#2	5.563922	22.47053	.2523729	-.019905	1.359037	.2262698	1.133470
#3	5.591319	22.59291	.2530198	-.019103	1.202195	.2200259	1.136082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.898041	.8879791	.1840107	.0139572	.3247342	48.31908	-.004056
Stddev	.225753	.0012998	.0025507	.0008077	.0007507	.62189	.001609
%RSD	2.858337	.1463762	1.386187	5.786731	.2311669	1.287051	39.67265

#1	7.783282	.8894763	.1841832	.0146058	.3248381	47.76182	-.002298
#2	7.752721	.8871398	.1813782	.0130525	.3239369	48.20548	-.005456
#3	8.158120	.8873212	.1864709	.0142132	.3254274	48.98994	-.004413

Sample Name: M3849-16 Acquired: 01/10/2022 6:26:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX323 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8897717	.1099753	-.002836
Stddev	.0038167	.0016978	.000560
%RSD	.4289473	1.543823	19.73858

#1	.8859614	.1104030	-.002519
#2	.8935947	.1114184	-.002506
#3	.8897590	.1081045	-.003482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.724	47133.89	7138.551	1303.749	1950.426
Stddev	2.599	381.33	58.972	7.214	4.008
%RSD	.1730738	.8090383	.8261122	.5533004	.2055005

#1	1501.303	46784.25	7190.946	1296.085	1948.924
#2	1504.508	47076.92	7150.020	1304.753	1954.968
#3	1499.361	47540.50	7074.686	1310.408	1947.385

Sample Name: M3849-17 Acquired: 01/10/2022 6:30:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX324 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036056	-.007884	3.775885	.0401079	.0107557	89.00427	1.285226
Stddev	.0084800	.008681	.012953	.0039329	.0027970	1.05331	.015391
%RSD	4.164889	110.1124	.3430562	9.805901	26.00499	1.183443	1.197496

#1	.2131780	-.010300	3.787178	.0366513	.0121695	90.11317	1.302974
#2	.1970344	-.015100	3.778732	.0443871	.0075340	88.01713	1.275562
#3	.2006044	.001749	3.761745	.0392853	.0125637	88.88252	1.277143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168518	.0138623	77.44030	.1859316	.1223898	.2423621	341.5557
Stddev	.0001201	.0001314	.53544	.0006264	.0003300	.0032815	2.3199
%RSD	.7126264	.9476304	.6914228	.3368704	.2696205	1.353948	.6792059

#1	.0167210	.0139639	78.05485	.1852627	.1224660	.2448480	344.0234
#2	.0168773	.0139089	77.07430	.1860278	.1220283	.2386426	339.4193
#3	.0169571	.0137139	77.19177	.1865043	.1226750	.2435957	341.2243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.660860	17.06295	.3062557	-.027895	3.202696	.4739478	3.742551
Stddev	.012213	.18307	.0025401	.000142	.195560	.0028495	.130840
%RSD	.3336213	1.072927	.8294047	.5104239	6.106093	.6012262	3.496007

#1	3.672410	17.24773	.3061660	-.028038	3.421216	.4749016	3.768694
#2	3.648077	16.88163	.3088395	-.027753	3.142734	.4761980	3.600613
#3	3.662093	17.05949	.3037616	-.027894	3.044137	.4707437	3.858345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.543253	.6617527	.3777446	.0544714	1.035443	43.09267	.0042841
Stddev	.069431	.0034440	.0086812	.0003598	.007239	.09278	.0016017
%RSD	.7275418	.5204340	2.298152	.6605245	.6991230	.2153137	37.38611

#1	9.542107	.6622273	.3876514	.0547307	1.036637	43.01544	.0056465
#2	9.613250	.6649348	.3714665	.0546229	1.042011	43.06698	.0025197
#3	9.474402	.6580961	.3741160	.0540607	1.027682	43.19559	.0046860

Sample Name: M3849-17 Acquired: 01/10/2022 6:30:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX324 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.290982	.1043045	-.070878
Stddev	.007298	.0010340	.001775
%RSD	.3185590	.9913743	2.504237

#1	2.289185	.1054576	-.072568
#2	2.299011	.1034596	-.069029
#3	2.284750	.1039962	-.071037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.373	46650.96	7074.093	1295.401	1936.172
Stddev	4.881	25.22	9.710	3.919	2.957
%RSD	.3268205	.0540694	.1372553	.3024969	.1527471

#1	1493.673	46628.44	7085.189	1294.897	1933.816
#2	1498.097	46646.22	7069.938	1299.547	1939.491
#3	1488.350	46678.22	7067.152	1291.758	1935.208

Sample Name: M3849-18 Acquired: 01/10/2022 6:34:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX325 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1346152	-.005022	2.294909	.0330547	.0040416	78.80275	1.708844
Stddev	.0219799	.004069	.006083	.0034314	.0035360	.37106	.009923
%RSD	16.32798	81.02785	.2650737	10.38112	87.48938	.4708780	.5807100

#1	.1182894	-.000836	2.300769	.0368887	.0001305	79.05325	1.699703
#2	.1259489	-.008963	2.288625	.0302717	.0049821	78.97855	1.719398
#3	.1596072	-.005266	2.295333	.0320037	.0070123	78.37646	1.707433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117980	.0027275	32.42523	.1337417	.1353545	.1693733	209.5171
Stddev	.0000323	.0001041	.08484	.0006548	.0007957	.0017113	.9845
%RSD	.2733950	3.815115	.2616622	.4895804	.5878886	1.010358	.4698748

#1	.0118316	.0028456	32.43500	.1339055	.1358062	.1712753	210.3220
#2	.0117673	.0026873	32.50477	.1342991	.1344357	.1688859	209.8099
#3	.0117949	.0026495	32.33593	.1330206	.1358216	.1679585	208.4195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31577	14.99755	.2266014	-.016679	1.824385	.2315683	1.474286
Stddev	.04521	.05944	.0014542	.000270	.286143	.0027081	.014267
%RSD	.4382171	.3963510	.6417330	1.616764	15.68434	1.169463	.9677472

#1	10.34635	15.03677	.2280268	-.016719	2.153469	.2291365	1.457939
#2	10.33711	15.02673	.2251200	-.016926	1.685453	.2310817	1.484234
#3	10.26384	14.92916	.2266576	-.016391	1.634234	.2344867	1.480684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.593335	.8481450	.1588464	.0126884	.1248490	45.37206	.0178344
Stddev	.115116	.0036140	.0054603	.0005864	.0013949	.26403	.0016871
%RSD	2.058086	.4261073	3.437470	4.621578	1.117283	.5819281	9.459967

#1	5.705365	.8486605	.1632719	.0127911	.1238483	45.20338	.0168715
#2	5.599276	.8443009	.1605230	.0132166	.1264424	45.23646	.0197825
#3	5.475364	.8514736	.1527444	.0120574	.1242564	45.67634	.0168493

Sample Name: M3849-18 Acquired: 01/10/2022 6:34:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX325 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9286561	.0902216	-.032845
Stddev	.0093173	.0019419	.001168
%RSD	1.003306	2.152360	3.555904

#1	.9183161	.0880212	-.033785
#2	.9312522	.0909482	-.033212
#3	.9364000	.0916954	-.031537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1584.726	49064.39	7406.978	1369.477	1985.567
Stddev	2.854	437.93	18.240	13.082	3.511
%RSD	.1801224	.8925566	.2462592	.9552765	.1768294

#1	1588.022	48608.23	7387.934	1356.912	1988.432
#2	1583.036	49103.48	7424.291	1368.498	1986.618
#3	1583.120	49481.47	7408.709	1383.021	1981.650

Sample Name: M3849-19 Acquired: 01/10/2022 6:38:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX326 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1775371	-.002860	1.467041	.0351095	.0065223	98.09049	1.330727
Stddev	.0100027	.004105	.020344	.0071851	.0006248	.09018	.000840
%RSD	5.634127	143.5182	1.386741	20.46479	9.579068	.0919353	.0631302

#1	.1660052	-.004695	1.443551	.0309109	.0063224	98.08622	1.331587
#2	.1838645	.001842	1.478579	.0434060	.0072225	98.18273	1.330686
#3	.1827416	-.005728	1.478993	.0310118	.0060219	98.00253	1.329908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124916	.0015561	74.82589	.1713078	.1307610	.2518951	258.4127
Stddev	.0001331	.0001813	.15202	.0008848	.0015156	.0041000	.3655
%RSD	1.065845	11.65299	.2031678	.5164697	1.159085	1.627663	.1414333

#1	.0124656	.0014065	74.72066	.1709561	.1290216	.2488479	258.7844
#2	.0126358	.0015041	75.00019	.1706530	.1314641	.2565565	258.3999
#3	.0123733	.0017578	74.75684	.1723143	.1317975	.2502808	258.0538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.535017	23.39880	.2411087	-.022013	1.613682	.2732215	1.413296
Stddev	.007188	.04160	.0025412	.000463	.050499	.0029432	.020179
%RSD	.0753831	.1777786	1.053958	2.104813	3.129418	1.077236	1.427804

#1	9.530766	23.42542	.2382751	-.022085	1.569517	.2699000	1.436121
#2	9.543316	23.42011	.2418655	-.021518	1.602791	.2755054	1.405940
#3	9.530970	23.35087	.2431855	-.022436	1.668738	.2742591	1.397827

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.458325	1.184849	.2019036	.0193374	.3216131	47.41428	.0047979
Stddev	.150241	.015316	.0023513	.0003472	.0046114	.21588	.0016214
%RSD	1.588452	1.292691	1.164539	1.795380	1.433823	.4552965	33.79399

#1	9.288753	1.167178	.2025061	.0190532	.3164011	47.16526	.0063917
#2	9.574835	1.193052	.1993098	.0197243	.3232754	47.52893	.0031502
#3	9.511386	1.194316	.2038950	.0192346	.3251629	47.54863	.0048518

Sample Name: M3849-19 Acquired: 01/10/2022 6:38:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX326 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.186861	.1148021	-.009268
Stddev	.004797	.0021314	.000751
%RSD	.4041411	1.856613	8.102477

#1	1.182415	.1136388	-.010060
#2	1.191945	.1172621	-.008566
#3	1.186222	.1135055	-.009179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.974	46833.44	7153.297	1303.286	1939.463
Stddev	12.814	26.39	50.830	7.677	21.562
%RSD	.8480770	.0563541	.7105868	.5890711	1.111738

#1	1525.662	46848.74	7205.379	1301.852	1964.356
#2	1502.085	46802.97	7103.818	1296.426	1926.658
#3	1505.173	46848.62	7150.694	1311.578	1927.373

Sample Name: M3849-20 Acquired: 01/10/2022 6:42:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123787	.0026826	.4653675	.0331369	.0021213	88.12640	1.381877
Stddev	.0124291	.0053321	.0034508	.0085235	.0018853	.49030	.001359
%RSD	11.06004	198.7673	.7415225	25.72204	88.87792	.5563556	.0983603

#1	.1152811	.0019093	.4621185	.0417989	.0000946	87.71446	1.380612
#2	.0987552	-.002221	.4689898	.0247591	.0038230	87.99603	1.383314
#3	.1230998	.008359	.4649944	.0328525	.0024462	88.66870	1.381705

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122446	-.001656	18.28329	.1678257	.2428223	.0872760	178.7946
Stddev	.0000299	.000067	.03163	.0011324	.0007940	.0035741	.8167
%RSD	.2442663	4.061002	.1729995	.6747397	.3269875	4.095142	.4567598

#1	.0122123	-.001590	18.28630	.1690480	.2421481	.0849623	177.9331
#2	.0122501	-.001655	18.25027	.1668123	.2426212	.0913924	178.8932
#3	.0122714	-.001724	18.31332	.1676168	.2436975	.0854732	179.5575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.66464	12.02284	.2121838	-.016636	1.114067	.2578271	.5179837
Stddev	.08918	.05180	.0002145	.000093	.269385	.0016293	.0205827
%RSD	.4315531	.4308497	.1010846	.5613831	24.18032	.6319285	3.973613

#1	20.56401	11.96462	.2123574	-.016582	.803892	.2577205	.5415259
#2	20.69602	12.04008	.2119440	-.016744	1.248860	.2595071	.5090356
#3	20.73388	12.06382	.2122499	-.016582	1.289449	.2562538	.5033896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.696245	.8999359	.1304975	.0072492	.1030647	43.61157	-.012803
Stddev	.070766	.0017007	.0018146	.0004276	.0009097	.32276	.000881
%RSD	1.506863	.1889823	1.390561	5.898285	.8826466	.7400745	6.883450

#1	4.614699	.8996745	.1284211	.0077328	.1020684	43.28241	-.013661
#2	4.732489	.8983810	.1317794	.0069215	.1038510	43.62478	-.011900
#3	4.741546	.9017522	.1312921	.0070932	.1032748	43.92752	-.012847

Sample Name: M3849-20 Acquired: 01/10/2022 6:42:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9408400	.0874120	-.041962
Stddev	.0050633	.0017396	.000382
%RSD	.5381662	1.990054	.9099326

#1	.9351579	.0867449	-.041701
#2	.9448735	.0893864	-.041784
#3	.9424886	.0861048	-.042400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.961	52904.78	7953.530	1468.184	1987.680
Stddev	2.053	295.14	58.805	3.708	4.587
%RSD	.1207831	.5578654	.7393585	.2525572	.2307946

#1	1698.503	52705.88	8020.867	1471.945	1987.667
#2	1702.309	52764.58	7927.439	1464.532	1992.275
#3	1699.070	53243.89	7912.286	1468.076	1983.100

Sample Name: M3849-21 Acquired: 01/10/2022 6:46:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1235732	.0031943	.5779469	.0296580	.0019341	86.74892	1.353373
Stddev	.0008106	.0016521	.0081376	.0032613	.0018510	.70282	.010095
%RSD	.6559627	51.72123	1.408025	10.99649	95.70532	.8101760	.7459289

#1	.1240114	.0027315	.5723185	.0304402	.0032634	86.64815	1.358248
#2	.1240704	.0050284	.5872774	.0324571	-.000180	87.49669	1.360105
#3	.1226378	.0018229	.5742449	.0260767	.002719	86.10193	1.341765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118218	-.001542	19.65657	.1684511	.2223763	.0902853	177.5990
Stddev	.0002294	.000237	.13021	.0010053	.0010965	.0014009	1.4155
%RSD	1.940791	15.39278	.6624374	.5968178	.4930881	1.551679	.7970257

#1	.0119663	-.001425	19.62306	.1695396	.2221998	.0917231	177.0108
#2	.0119419	-.001816	19.80026	.1682565	.2235504	.0889243	179.2138
#3	.0115573	-.001387	19.54638	.1675573	.2213788	.0902085	176.5725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.94278	12.74769	.2073260	-.015718	1.100475	.2454528	.4527246
Stddev	.11798	.07584	.0005585	.000588	.175747	.0013970	.0066973
%RSD	.6575417	.5949015	.2693860	3.740560	15.97010	.5691740	1.479328

#1	17.88948	12.70565	.2068026	-.016393	.940303	.2438881	.4603709
#2	18.07801	12.83523	.2079140	-.015442	1.072645	.2465749	.4499034
#3	17.86085	12.70217	.2072614	-.015318	1.288476	.2458955	.4478995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823788	.8326461	.1246356	.0066309	.1017722	44.63035	-.009183
Stddev	.128022	.0015762	.0040454	.0004324	.0007415	.26041	.000451
%RSD	2.653972	.1893048	3.245797	6.520389	.7286109	.5834785	4.910970

#1	4.803275	.8308296	.1201963	.0069588	.1009674	44.90368	-.009689
#2	4.960828	.8336544	.1281142	.0061409	.1019214	44.60222	-.008824
#3	4.707261	.8334541	.1255964	.0067930	.1024277	44.38514	-.009035

Sample Name: M3849-21 Acquired: 01/10/2022 6:46:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9004046	.0881284	-.041143
Stddev	.0039562	.0014653	.001020
%RSD	.4393768	1.662737	2.479477

#1	.9026083	.0864944	-.041038
#2	.9027682	.0885647	-.042212
#3	.8958374	.0893260	-.040180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1685.956	52092.14	7867.180	1459.901	1999.468
Stddev	5.529	297.88	41.077	14.197	5.942
%RSD	.3279234	.5718332	.5221273	.9724514	.2971644

#1	1687.058	52425.45	7900.853	1476.031	2005.229
#2	1690.851	51851.94	7821.414	1449.306	1999.816
#3	1679.960	51999.03	7879.273	1454.364	1993.361

Sample Name: M3849-20LX5 Acquired: 01/10/2022 6:50:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340312	-.000523	.0911481	.0070867	-.000487	21.59231	.3374938
Stddev	.0101056	.002980	.0012709	.0039140	.002898	.25237	.0011969
%RSD	29.69517	570.0929	1.394266	55.23017	595.4324	1.168814	.3546308

#1	.0244889	.001930	.0905738	.0026954	.000353	21.30132	.3377714
#2	.0329858	.000341	.0926048	.0102081	.001899	21.72412	.3361825
#3	.0446188	-.003839	.0902658	.0083565	-.003712	21.75148	.3385275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028639	-.000549	4.493055	.0415169	.0471756	.0216827	44.74079
Stddev	.0000831	.000035	.035474	.0001842	.0002787	.0033433	.45042
%RSD	2.901717	6.387393	.7895189	.4436485	.5907318	15.41917	1.006722

#1	.0029280	-.000508	4.452965	.0414827	.0468539	.0209532	44.22755
#2	.0027700	-.000570	4.505818	.0417159	.0473295	.0187644	44.92455
#3	.0028936	-.000568	4.520380	.0413523	.0473434	.0253305	45.07028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136454	2.985277	.0417814	-.003800	.2104724	.0638174	.1463925
Stddev	.043583	.041082	.0004650	.000639	.0912395	.0043969	.0201466
%RSD	.8485046	1.376156	1.112934	16.81648	43.34985	6.889877	13.76203

#1	5.086812	2.938904	.0418914	-.003083	.2569088	.0630532	.1604210
#2	5.154118	2.999810	.0421816	-.004310	.2691528	.0685464	.1233070
#3	5.168433	3.017117	.0412713	-.004007	.1053556	.0598527	.1554495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7929912	.1665870	.0302693	.0020163	.0155949	10.68043	-.017668
Stddev	.0255781	.0005818	.0019724	.0004183	.0007926	.10105	.001984
%RSD	3.225526	.3492754	6.516124	20.74762	5.082651	.9461690	11.22773

#1	.7797420	.1660793	.0303205	.0015968	.0148323	10.57872	-.019550
#2	.8224759	.1664598	.0282717	.0020186	.0164145	10.78082	-.017856
#3	.7767557	.1672220	.0322155	.0024335	.0155378	10.68175	-.015596

Sample Name: M3849-20LX5 Acquired: 01/10/2022 6:50:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2277390	.0192623	-.011402
Stddev	.0022074	.0012700	.000290
%RSD	.9692627	6.593382	2.541580

#1	.2295265	.0182842	-.011099
#2	.2284188	.0206976	-.011429
#3	.2252716	.0188050	-.011677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.947	43222.57	6471.860	1216.926	2106.411
Stddev	3.954	399.60	30.208	9.495	4.216
%RSD	.2802380	.9245266	.4667582	.7802707	.2001426

#1	1411.269	43520.63	6506.261	1212.154	2108.011
#2	1414.731	43378.59	6459.653	1227.860	2109.592
#3	1406.842	42768.50	6449.666	1210.763	2101.629

Sample Name: M3849-22 Acquired: 01/10/2022 6:54:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2056756	.0880320	.7784618	.1422573	.0215104	97.22825	5.013533
Stddev	.0070907	.0074923	.0041084	.0037992	.0007327	.41527	.011042
%RSD	3.447515	8.510851	.5277578	2.670668	3.406256	.4271083	.2202507

#1	.2089863	.0800295	.7759519	.1381773	.0223009	97.32331	5.004112
#2	.1975351	.0891865	.7762304	.1456935	.0208540	97.58774	5.025684
#3	.2105054	.0948800	.7832030	.1429011	.0213765	96.77369	5.010802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1073037	.1104984	22.34236	.5533175	1.314035	.5399372	197.0412
Stddev	.0009383	.0002710	.04490	.0009202	.002296	.0026859	.9431
%RSD	.8744598	.2452316	.2009418	.1663092	.1747447	.4974401	.4786110

#1	.1083048	.1103272	22.34619	.5524609	1.316100	.5410402	197.1429
#2	.1064442	.1103572	22.38522	.5532013	1.314444	.5418960	197.9294
#3	.1071621	.1108108	22.29568	.5542903	1.311562	.5368755	196.0515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.17978	14.60153	1.345846	.0683844	1.355597	1.158193	1.266530
Stddev	.08442	.06073	.002485	.0006326	.196948	.011477	.041123
%RSD	.4913808	.4158903	.1846763	.9250966	14.52848	.9909383	3.246922

#1	17.18605	14.60233	1.343602	.0685082	1.386266	1.158724	1.298377
#2	17.26090	14.66186	1.345417	.0689460	1.535411	1.169395	1.220103
#3	17.09241	14.54041	1.348518	.0676990	1.145114	1.146459	1.281109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.319084	.8339903	.1447564	.0085354	.0835347	40.39761	-.010262
Stddev	.042737	.0027760	.0032738	.0005725	.0014164	.36915	.001274
%RSD	.8034640	.3328576	2.261592	6.707333	1.695577	.9137860	12.41844

#1	5.272765	.8309568	.1436319	.0086652	.0822637	40.80833	-.009517
#2	5.327499	.8346099	.1484442	.0090319	.0850616	40.09350	-.011733
#3	5.356987	.8364041	.1421930	.0079092	.0832787	40.29101	-.009535

Sample Name: M3849-22 Acquired: 01/10/2022 6:54:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX338S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010689	.0989648	-.058915
Stddev	.004589	.0015290	.001224
%RSD	.4540895	1.544970	2.078286

#1	1.007893	.0981076	-.059169
#2	1.008188	.0980568	-.059992
#3	1.015986	.1007301	-.057583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.413	50971.84	7652.106	1410.576	1964.172
Stddev	3.077	602.36	14.787	14.209	1.825
%RSD	.1885865	1.181743	.1932353	1.007291	.0929031

#1	1629.577	51617.97	7655.501	1426.516	1962.429
#2	1629.697	50425.79	7664.900	1405.969	1964.019
#3	1634.965	50871.76	7635.917	1399.242	1966.069

Sample Name: M3854-01 Acquired: 01/10/2022 6:58:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3A2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925540	-.012101	1.436652	.0277779	.0054185	65.80661	1.095646
Stddev	.0038633	.002394	.005359	.0033284	.0021447	1.81094	.011150
%RSD	4.174106	19.78089	.3729914	11.98222	39.58003	2.751918	1.017671

#1	.0914228	-.009750	1.433777	.0245594	.0055121	63.71867	1.082844
#2	.0893825	-.014535	1.442835	.0312062	.0075149	66.75108	1.103235
#3	.0968566	-.012017	1.433345	.0275679	.0032287	66.95009	1.100859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078846	.0012955	29.89997	.1127677	.0690884	.1319728	148.8066
Stddev	.0001550	.0002966	.46506	.0001974	.0006093	.0057132	3.5961
%RSD	1.966406	22.89875	1.555403	.1750492	.8819270	4.329096	2.416639

#1	.0077159	.0016372	29.36767	.1125565	.0685756	.1282144	144.6586
#2	.0080208	.0011453	30.22759	.1127991	.0697620	.1291565	151.0471
#3	.0079172	.0011039	30.10465	.1129475	.0689277	.1385474	150.7140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.693997	12.14116	.1453541	-.011326	1.060443	.2456018	1.132493
Stddev	.097140	.30903	.0019165	.000880	.316210	.0047384	.026975
%RSD	2.069460	2.545285	1.318472	7.767851	29.81866	1.929284	2.381897

#1	4.582312	11.78433	.1434016	-.012248	.752816	.2402692	1.114521
#2	4.758842	12.32163	.1472324	-.010496	1.043925	.2472077	1.119447
#3	4.740838	12.31751	.1454284	-.011234	1.384589	.2493285	1.163510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.567551	.7645196	.1637833	.0213426	1.914945	37.83509	-.007749
Stddev	.364667	.0025646	.0042465	.0005080	.004683	.68342	.004831
%RSD	4.818828	.3354595	2.592744	2.380181	.2445599	1.806309	62.33640

#1	7.153652	.7660641	.1590617	.0208136	1.915272	37.12287	-.012224
#2	7.707432	.7659356	.1672897	.0213875	1.919455	37.89689	-.008396
#3	7.841568	.7615591	.1649984	.0218266	1.910106	38.48551	-.002628

Sample Name: M3854-01 Acquired: 01/10/2022 6:58:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3A2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.491709	.0568999	-.041919
Stddev	.006067	.0005160	.002054
%RSD	.4067043	.9068469	4.898940

#1	1.485733	.0563971	-.039548
#2	1.497863	.0568744	-.043140
#3	1.491530	.0574282	-.043070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.655	44133.58	6706.359	1229.008	1959.596
Stddev	2.167	144.59	125.606	7.701	3.509
%RSD	.1525262	.3276244	1.872942	.6265975	.1790529

#1	1422.954	43972.36	6849.645	1235.495	1962.940
#2	1418.650	44176.57	6654.175	1220.497	1955.943
#3	1420.360	44251.80	6615.256	1231.030	1959.903

Sample Name: M3854-02 Acquired: 01/10/2022 7:02:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3A3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1003805	-.007714	1.236644	.0265066	.0035573	90.75321	1.272079
Stddev	.0113493	.002440	.019113	.0111153	.0031037	.45836	.004021
%RSD	11.30626	31.63774	1.545549	41.93408	87.24951	.5050632	.3161052

#1	.0879918	-.005046	1.255122	.0306342	.0056532	91.10751	1.276646
#2	.1102757	-.009834	1.216954	.0139180	-.000008	90.23555	1.270525
#3	.1028740	-.008261	1.237858	.0349677	.005027	90.91657	1.269068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109154	.0010380	38.14545	.1305097	.1256590	.1527644	185.4859
Stddev	.0000566	.0002244	.15850	.0001535	.0016151	.0014378	.3689
%RSD	.5181470	21.61686	.4155051	.1176110	1.285271	.9412130	.1988679

#1	.0109740	.0012139	38.30830	.1303518	.1274241	.1517012	185.7062
#2	.0108612	.0007853	37.99170	.1305189	.1242552	.1521916	185.0601
#3	.0109111	.0011148	38.13636	.1306583	.1252977	.1544003	185.6915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.384648	14.73981	.1999620	-.015445	1.451154	.2931243	1.121853
Stddev	.015043	.07826	.0034841	.000371	.114113	.0011373	.037813
%RSD	.2037033	.5309391	1.742376	2.403460	7.863593	.3879820	3.370629

#1	7.389146	14.81637	.2034884	-.015267	1.393366	.2940719	1.106946
#2	7.367869	14.65996	.1965218	-.015196	1.582601	.2934379	1.093764
#3	7.396928	14.74311	.1998757	-.015872	1.377494	.2918631	1.164847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.404093	.7173448	.2015965	.0174272	.8176843	49.17984	-.009835
Stddev	.166866	.0127437	.0007631	.0005956	.0140629	.58209	.002229
%RSD	1.985532	1.776516	.3785068	3.417475	1.719841	1.183592	22.66217

#1	8.499747	.7300978	.2008204	.0177181	.8317660	49.83581	-.009609
#2	8.211414	.7046103	.2016232	.0167421	.8036403	48.72497	-.007728
#3	8.501118	.7173262	.2023458	.0178215	.8176467	48.97874	-.012168

Sample Name: M3854-02 Acquired: 01/10/2022 7:02:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3A3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.418778	.0755256	-.072391
Stddev	.005076	.0001432	.000574
%RSD	.3577715	.1895727	.7931030

#1	1.414643	.0754920	-.072959
#2	1.417249	.0754022	-.072404
#3	1.424443	.0756826	-.071811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.930	47182.73	7166.598	1312.162	1981.782
Stddev	12.369	502.00	70.121	9.100	21.829
%RSD	.8164757	1.063947	.9784407	.6935299	1.101463

#1	1502.170	47557.79	7113.086	1318.354	1959.728
#2	1526.866	47377.95	7245.978	1316.419	2003.378
#3	1515.753	46612.45	7140.731	1301.714	1982.240

Sample Name: M3854-03 Acquired: 01/10/2022 7:06:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3A4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913935	-.006642	.2093463	.0350845	.0026530	102.1388	.8231829
Stddev	.0032102	.001604	.0033018	.0084150	.0030517	.8321	.0026387
%RSD	3.512464	24.14492	1.577195	23.98500	115.0277	.8147078	.3205460

#1	.0898352	-.005622	.2055392	.0447840	.0015416	101.5892	.8218910
#2	.0950853	-.008491	.2110716	.0297326	.0003128	101.7310	.8214392
#3	.0892598	-.005814	.2114280	.0307369	.0061047	103.0961	.8262187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091836	-.002021	5.636217	.1224704	.1291340	.1039904	166.5113
Stddev	.0001808	.000206	.039909	.0010423	.0009184	.0014697	.9643
%RSD	1.968594	10.17890	.7080728	.8510250	.7111824	1.413285	.5791284

#1	.0092497	-.001929	5.590996	.1236736	.1300551	.1023135	165.4816
#2	.0093221	-.001877	5.651148	.1218462	.1282184	.1050544	166.6591
#3	.0089791	-.002257	5.666507	.1218914	.1291286	.1046034	167.3931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.070163	13.07441	.2047909	-.014070	.7936806	.2206918	.5148031
Stddev	.032612	.08424	.0003044	.000895	.0409311	.0036084	.0029735
%RSD	.4612632	.6443247	.1486196	6.358616	5.157120	1.635037	.5776069

#1	7.033685	13.01886	.2044999	-.015076	.7613665	.2214130	.5159557
#2	7.080306	13.17134	.2051071	-.013773	.8397074	.2238851	.5170278
#3	7.096499	13.03302	.2047656	-.013362	.7799680	.2167773	.5114258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.692614	.4898963	.1150536	.0073759	.1085849	47.62400	-.015915
Stddev	.025242	.0031508	.0049068	.0003343	.0015629	.43637	.002496
%RSD	.3771659	.6431645	4.264783	4.532688	1.439310	.9162740	15.68088

#1	6.665848	.4934926	.1094564	.0075259	.1101514	48.06882	-.013129
#2	6.715991	.4876206	.1170907	.0076090	.1085776	47.60657	-.017946
#3	6.696003	.4885758	.1186137	.0069929	.1070256	47.19661	-.016670

Sample Name: M3854-03 Acquired: 01/10/2022 7:06:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3A4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.152327	.0780416	-.116325
Stddev	.007728	.0019478	.000987
%RSD	.6706817	2.495896	.8489045

#1	1.145074	.0802829	-.115244
#2	1.160456	.0767578	-.116551
#3	1.151450	.0770842	-.117180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1570.171	48508.40	7315.954	1364.649	2013.705
Stddev	9.511	284.98	8.156	22.448	12.960
%RSD	.6057573	.5874772	.1114866	1.644957	.6435972

#1	1563.709	48371.80	7325.334	1378.046	2005.412
#2	1581.093	48835.97	7312.001	1377.167	2028.640
#3	1565.711	48317.44	7310.528	1338.733	2007.064

Sample Name: M3854-04 Acquired: 01/10/2022 7:10:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1202241	-.007057	.9285436	.0301502	.0064948	78.81143	.6733527
Stddev	.0025125	.002353	.0016566	.0046263	.0021030	.66043	.0007604
%RSD	2.089867	33.33855	.1784094	15.34420	32.37977	.8379880	.1129335

#1	.1231103	-.006934	.9301916	.0337647	.0070076	79.50076	.6736878
#2	.1185256	-.004768	.9268785	.0317495	.0041829	78.74923	.6724823
#3	.1190365	-.009469	.9285606	.0249364	.0082941	78.18430	.6738880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102623	-.000826	75.22518	.1429535	.1138065	.1684071	233.5397
Stddev	.0000833	.000189	.13121	.0002939	.0011389	.0031259	1.9399
%RSD	.8120841	22.84998	.1744192	.2055716	1.000773	1.856137	.8306648

#1	.0102823	-.000609	75.32939	.1427340	.1136169	.1707673	235.5969
#2	.0103338	-.000953	75.07784	.1428392	.1127743	.1695919	233.2786
#3	.0101708	-.000916	75.26833	.1432874	.1150284	.1648620	231.7435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.967002	29.80871	.2429773	-.019141	1.380588	.2050620	.9565647
Stddev	.023737	.21899	.0027114	.000396	.161839	.0030139	.0438128
%RSD	.5983729	.7346568	1.115901	2.069656	11.72249	1.469726	4.580227

#1	3.993486	30.01449	.2414033	-.018939	1.208904	.2080362	.9451612
#2	3.959878	29.83310	.2414205	-.018887	1.530347	.2020100	.9195811
#3	3.947643	29.57854	.2461081	-.019598	1.402512	.2051398	1.004952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.961848	.6891816	.1680727	.0097484	.3071903	49.31056	-.004136
Stddev	.121555	.0026777	.0008486	.0003316	.0004896	.20617	.005010
%RSD	1.356357	.3885330	.5048926	3.401348	.1593680	.4181012	121.1207

#1	9.083556	.6862250	.1690371	.0100551	.3067596	49.27313	-.001921
#2	8.961541	.6898765	.1674403	.0093966	.3070886	49.53287	-.000616
#3	8.840447	.6914434	.1677406	.0097935	.3077227	49.12566	-.009872

Sample Name: M3854-04 Acquired: 01/10/2022 7:10:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6238442	.1222469	-.022622
Stddev	.0056160	.0007777	.002406
%RSD	.9002246	.6361347	10.63473

#1	.6176396	.1225842	-.025010
#2	.6253134	.1213576	-.022657
#3	.6285796	.1227990	-.020199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.140	45040.79	6837.541	1249.871	1943.130
Stddev	8.467	183.23	23.463	6.518	13.052
%RSD	.5887657	.4067981	.3431503	.5214723	.6717245

#1	1444.072	44844.95	6823.325	1244.145	1950.827
#2	1441.905	45208.04	6824.676	1256.964	1950.503
#3	1428.443	45069.38	6864.623	1248.505	1928.059

Sample Name: M3854-05 Acquired: 01/10/2022 7:14:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115100	-.003555	1.018338	.0214084	.0037872	76.54466	.6200665
Stddev	.0189385	.003624	.003096	.0044433	.0049636	1.04041	.0097145
%RSD	16.98373	101.9395	.3040177	20.75498	131.0646	1.359223	1.566683

#1	.0950364	-.004407	1.017631	.0190297	.0024989	77.17503	.6310511
#2	.1322021	-.006678	1.021726	.0265346	.0092679	77.11517	.6165422
#3	.1072914	.000419	1.015656	.0186608	-.000405	75.34380	.6126060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099665	-.001451	95.54505	.1589506	.1143745	.1774994	224.5697
Stddev	.0002473	.000123	1.27130	.0013871	.0012004	.0028642	3.1071
%RSD	2.481733	8.494887	1.330580	.8726652	1.049548	1.613660	1.383563

#1	.0102351	-.001563	96.89703	.1579914	.1153663	.1742631	226.7807
#2	.0099164	-.001471	95.36435	.1583193	.1130400	.1797080	225.9111
#3	.0097481	-.001319	94.37376	.1605411	.1147172	.1785271	221.0173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.684584	39.36195	.2476094	-.018145	1.642780	.1869609	.7416409
Stddev	.048418	.51748	.0006917	.000793	.176311	.0024959	.0365472
%RSD	1.314081	1.314668	.2793292	4.369763	10.73246	1.334994	4.927884

#1	3.724303	39.81145	.2483859	-.017236	1.490593	.1865561	.7714953
#2	3.698801	39.47816	.2470595	-.018690	1.835984	.1896345	.7525446
#3	3.630649	38.79625	.2473827	-.018509	1.601763	.1846922	.7008828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.055333	.4939086	.1588239	.0093318	.2389352	48.65688	-.011740
Stddev	.103840	.0017624	.0140872	.0005824	.0020313	.57802	.000892
%RSD	1.289083	.3568277	8.869718	6.241307	.8501281	1.187957	7.600496

#1	8.045473	.4918750	.1658670	.0087448	.2382687	49.19938	-.011173
#2	8.163751	.4948605	.1680006	.0093412	.2373209	48.04891	-.011279
#3	7.956775	.4949904	.1426041	.0099095	.2412160	48.72235	-.012769

Sample Name: M3854-05 Acquired: 01/10/2022 7:14:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6014487	.1319480	-.001542
Stddev	.0079709	.0015191	.002259
%RSD	1.325285	1.151249	146.5461

#1	.6106223	.1337014	-.000079
#2	.5962137	.1311116	-.004143
#3	.5975103	.1310310	-.000402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.427	45059.80	6748.537	1253.013	1936.086
Stddev	2.024	431.76	61.347	20.805	3.926
%RSD	.1407106	.9581921	.9090348	1.660414	.2027917

#1	1439.417	45490.76	6694.203	1252.417	1934.499
#2	1439.767	44627.24	6736.341	1232.513	1940.557
#3	1436.099	45061.41	6815.065	1274.111	1933.202

Sample Name: M3854-06 Acquired: 01/10/2022 7:18:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1191202	-.010136	.3257950	.0245492	.0034193	80.82617	.5213079
Stddev	.0070247	.006487	.0008159	.0075836	.0027351	.74558	.0005925
%RSD	5.897113	63.99736	.2504422	30.89128	79.98850	.9224503	.1136478

#1	.1127751	-.013075	.3248837	.0321679	.0040834	81.52780	.5214253
#2	.1179168	-.002700	.3260436	.0244786	.0004134	80.04329	.5218329
#3	.1266689	-.014633	.3264577	.0170012	.0057613	80.90743	.5206655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098094	-.002371	132.2217	.1400412	.1293083	.1899068	241.7966
Stddev	.0002534	.000100	.6328	.0017412	.0006940	.0014353	1.4099
%RSD	2.582835	4.200099	.4786167	1.243321	.5366787	.7557961	.5831115

#1	.0100157	-.002397	132.6548	.1415249	.1289590	.1891628	242.8889
#2	.0095266	-.002454	131.4955	.1381243	.1288584	.1889963	240.2049
#3	.0098858	-.002260	132.5150	.1404743	.1301075	.1915614	242.2959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.892797	56.21994	.2815045	-.020745	1.381325	.1770032	.7101312
Stddev	.027041	.35193	.0009245	.000474	.062051	.0046077	.0119373
%RSD	.6946476	.6259809	.3283983	2.285469	4.492157	2.603176	1.680999

#1	3.912288	56.52186	.2808081	-.021268	1.309782	.1717204	.6973632
#2	3.861926	55.83343	.2811519	-.020343	1.413691	.1801921	.7210134
#3	3.904178	56.30454	.2825533	-.020625	1.420501	.1790972	.7120170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.877833	.5181783	.1658563	.0098170	.7773110	45.59443	-.013461
Stddev	.117576	.0044115	.0000380	.0001365	.0039302	.45523	.002410
%RSD	1.324377	.8513392	.0229007	1.390641	.5056115	.9984225	17.90666

#1	8.970154	.5154252	.1658562	.0099439	.7738885	45.93915	-.014136
#2	8.745465	.5158432	.1658944	.0098346	.7764413	45.07840	-.010785
#3	8.917878	.5232665	.1658184	.0096726	.7816032	45.76573	-.015462

Sample Name: M3854-06 Acquired: 01/10/2022 7:18:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5637727	.1605604	-.014885
Stddev	.0036201	.0021504	.001127
%RSD	.6421154	1.339299	7.568358

#1	.5616637	.1581153	-.015806
#2	.5617015	.1614085	-.013629
#3	.5679527	.1621575	-.015221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.835	44250.78	6813.153	1230.397	1886.891
Stddev	1.731	35.27	50.896	8.187	5.364
%RSD	.1224435	.0797017	.7470269	.6654174	.2842525

#1	1414.546	44246.88	6764.347	1231.676	1893.074
#2	1411.861	44287.84	6865.909	1221.645	1884.104
#3	1415.097	44217.63	6809.203	1237.869	1883.494

Sample Name: M3854-07 Acquired: 01/10/2022 7:23:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393151	-.006108	3.328941	.0306286	.0058901	91.38944	.9772669
Stddev	.0064305	.006272	.017111	.0076120	.0003560	.06637	.0034765
%RSD	4.615766	102.6859	.5140104	24.85267	6.044500	.0726214	.3557400

#1	.1452791	-.012853	3.309232	.0228481	.0063012	91.32921	.9750018
#2	.1325025	-.005019	3.337588	.0380602	.0056860	91.46059	.9755291
#3	.1401637	-.000452	3.340003	.0309774	.0056830	91.37852	.9812696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095536	.0025928	33.49102	.1613442	.0859736	.3748326	224.2285
Stddev	.0001341	.0001915	.01861	.0003650	.0006036	.0036605	.3204
%RSD	1.403312	7.385271	.0555760	.2262431	.7020803	.9765700	.1428871

#1	.0094101	.0023991	33.47095	.1609290	.0856249	.3724067	224.5172
#2	.0096757	.0025974	33.49437	.1614891	.0856254	.3730480	224.2844
#3	.0095750	.0027820	33.50772	.1616145	.0866706	.3790432	223.8838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.842880	15.31948	.1567558	-.017704	1.187601	.2452688	1.464134
Stddev	.001085	.05615	.0007062	.000319	.339308	.0023746	.028114
%RSD	.0381737	.3665517	.4504967	1.801223	28.57083	.9681558	1.920168

#1	2.842346	15.33497	.1562223	-.017549	.802451	.2425755	1.431696
#2	2.842166	15.36626	.1564884	-.018071	1.442420	.2470608	1.481468
#3	2.844129	15.25720	.1575566	-.017492	1.317932	.2461701	1.479236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.820557	1.435152	.1598077	.0159440	.3168284	54.47177	.0140014
Stddev	.078280	.005071	.0023473	.0000972	.0025318	.24755	.0016551
%RSD	.7971059	.3533579	1.468802	.6097570	.7990920	.4544470	11.82110

#1	9.856721	1.436633	.1584799	.0159296	.3155777	54.37470	.0158380
#2	9.874217	1.429506	.1584254	.0160476	.3151654	54.75314	.0126254
#3	9.730733	1.439319	.1625179	.0158548	.3197421	54.28747	.0135407

Sample Name: M3854-07 Acquired: 01/10/2022 7:23:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6213289	.1010548	-.114101
Stddev	.0031514	.0018266	.000112
%RSD	.5071979	1.807574	.0981690

#1	.6185704	.1018434	-.114143
#2	.6206529	.1023546	-.114187
#3	.6247634	.0989663	-.113975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.837	44807.58	6736.691	1244.071	1986.661
Stddev	3.409	281.69	39.990	6.155	8.452
%RSD	.2370586	.6286593	.5936191	.4947128	.4254572

#1	1437.455	44501.67	6741.218	1243.049	1989.221
#2	1441.420	44864.84	6694.630	1238.491	1993.537
#3	1434.635	45056.25	6774.226	1250.673	1977.224

Sample Name: M3854-08 Acquired: 01/10/2022 7:27:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1297983	-.007872	1.174431	.0316603	.0032926	88.99855	.6994453
Stddev	.0013051	.004377	.006226	.0036177	.0037709	.56679	.0034601
%RSD	1.005496	55.60488	.5300930	11.42655	114.5249	.6368539	.4946977

#1	.1303402	-.003969	1.173841	.0317619	.0036337	88.34699	.6959623
#2	.1283095	-.012604	1.168521	.0352261	-.000637	89.27091	.7028821
#3	.1307452	-.007042	1.180931	.0279929	.006881	89.37775	.6994915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090379	-.000517	39.52362	.1385159	.1023813	.1693145	245.0584
Stddev	.0002327	.000201	.11432	.0006389	.0007606	.0045629	1.0680
%RSD	2.575012	38.91883	.2892511	.4612083	.7429278	2.694917	.4358196

#1	.0088570	-.000497	39.39910	.1390078	.1028692	.1663287	243.9910
#2	.0093005	-.000727	39.54792	.1387460	.1015049	.1745669	245.0572
#3	.0089562	-.000326	39.62383	.1377939	.1027698	.1670479	246.1270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.009870	24.51037	.2164479	-.020228	1.470238	.2117510	.8517211
Stddev	.015867	.13290	.0007162	.000254	.287531	.0019974	.0089561
%RSD	.5271676	.5422238	.3308732	1.255918	19.55677	.9432983	1.051527

#1	3.001359	24.39857	.2165084	-.019935	1.694959	.2133276	.8602299
#2	3.000075	24.47523	.2157034	-.020356	1.146219	.2095048	.8525571
#3	3.028177	24.65731	.2171319	-.020392	1.569538	.2124206	.8423764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.266386	.5861108	.1635685	.0132098	.1078191	53.13237	.1609921
Stddev	.034406	.0039329	.0062217	.0004495	.0003277	.61794	.0017321
%RSD	.4734892	.6710235	3.803754	3.402683	.3039155	1.163021	1.075917

#1	7.272940	.5849740	.1689340	.0128506	.1077033	52.53629	.1625561
#2	7.297043	.5828715	.1567483	.0137138	.1075650	53.09077	.1591304
#3	7.229174	.5904869	.1650232	.0130649	.1081890	53.77007	.1612897

Sample Name: M3854-08 Acquired: 01/10/2022 7:27:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4926839	.1156027	-.153977
Stddev	.0006623	.0009112	.001123
%RSD	.1344333	.7881765	.7293445

#1	.4930986	.1145689	-.152727
#2	.4919201	.1162888	-.154301
#3	.4930331	.1159504	-.154902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.282	45668.21	6941.196	1276.368	1973.906
Stddev	3.990	374.20	34.577	15.387	3.315
%RSD	.2715346	.8193820	.4981365	1.205551	.1679207

#1	1472.739	45239.81	6926.141	1258.720	1976.840
#2	1470.190	45833.68	6980.748	1286.975	1974.567
#3	1464.917	45931.16	6916.700	1283.410	1970.310

Sample Name: M3854-09 Acquired: 01/10/2022 7:31:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351641	-.004851	.3123297	.0199339	.0030787	70.65859	.6520065
Stddev	.0215738	.004506	.0034188	.0042268	.0031556	.21562	.0019514
%RSD	15.96122	92.89020	1.094617	21.20414	102.4981	.3051537	.2992889

#1	.1239760	-.000146	.3086726	.0170257	.0056579	70.83362	.6539194
#2	.1214825	-.009127	.3128708	.0179936	.0040183	70.72442	.6520813
#3	.1600338	-.005279	.3154456	.0247826	-.000440	70.41773	.6500188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075416	-.000929	135.3272	.1124073	.1179797	.1871463	209.7064
Stddev	.0001837	.000123	.2398	.0007288	.0008221	.0009805	.2277
%RSD	2.435590	13.27584	.1772099	.6483806	.6967876	.5238984	.1086010

#1	.0073904	-.001071	135.5975	.1120323	.1177295	.1865112	209.8782
#2	.0074884	-.000851	135.2438	.1132472	.1188977	.1882755	209.7928
#3	.0077461	-.000865	135.1401	.1119422	.1173117	.1866522	209.4481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.235487	53.97618	.3208373	-.017615	2.112993	.1713083	.6511115
Stddev	.002295	.15629	.0004692	.000297	.231950	.0012043	.0310810
%RSD	.0541856	.2895503	.1462437	1.687557	10.97731	.7030243	4.773537

#1	4.238135	53.95309	.3204846	-.017630	1.874527	.1701406	.6334692
#2	4.234255	54.14273	.3213698	-.017310	2.337825	.1712381	.6869991
#3	4.234072	53.83272	.3206574	-.017904	2.126629	.1725462	.6328661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.730197	.5016168	.1447369	.0182591	.0646968	49.57149	-.013236
Stddev	.026220	.0029776	.0014728	.0007696	.0012701	.21969	.001397
%RSD	.3391842	.5935983	1.017533	4.214774	1.963094	.4431832	10.55136

#1	7.724886	.5019441	.1436037	.0187583	.0634867	49.80597	-.012513
#2	7.707039	.5044173	.1464016	.0186461	.0660194	49.37041	-.012350
#3	7.758666	.4984891	.1442054	.0173728	.0645842	49.53809	-.014846

Sample Name: M3854-09 Acquired: 01/10/2022 7:31:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6337261	.1179991	-.030186
Stddev	.0019930	.0013322	.000448
%RSD	.3144851	1.128984	1.484898

#1	.6356667	.1182535	-.029753
#2	.6338268	.1191858	-.030157
#3	.6316846	.1165581	-.030648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.507	45043.98	6801.263	1244.927	1902.250
Stddev	5.463	260.46	9.061	6.035	5.965
%RSD	.3803038	.5782319	.1332295	.4847844	.3135723

#1	1442.188	45243.32	6795.169	1250.573	1908.851
#2	1431.291	44749.28	6796.944	1238.566	1897.247
#3	1436.043	45139.32	6811.676	1245.641	1900.653

Sample Name: M3854-10 Acquired: 01/10/2022 7:35:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219117	-.003904	.9030264	.0295054	.0024209	75.82726	.6909523
Stddev	.0016784	.005805	.0021140	.0071381	.0009018	.26559	.0016856
%RSD	1.376735	148.6885	.2341060	24.19257	37.25035	.3502510	.2439511

#1	.1237483	-.000571	.9014342	.0377334	.0031066	76.11216	.6894041
#2	.1204574	-.010608	.9054250	.0249692	.0027567	75.78310	.6927479
#3	.1215296	-.000535	.9022201	.0258137	.0013994	75.58653	.6907050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085290	.0005418	69.76682	.1277983	.1016615	.1599136	195.6754
Stddev	.0000885	.0000409	.14993	.0004068	.0006411	.0015779	.5057
%RSD	1.037523	7.553340	.2149033	.3182891	.6305765	.9867093	.2584317

#1	.0085566	.0005247	69.93225	.1276153	.1020223	.1605970	196.1989
#2	.0086005	.0005121	69.72833	.1275152	.1020408	.1581093	195.6378
#3	.0084300	.0005884	69.63989	.1282644	.1009214	.1610346	195.1896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.198592	26.06830	.1963667	-.016218	1.687116	.1985745	1.085908
Stddev	.011334	.06137	.0007152	.000471	.112318	.0059863	.042544
%RSD	.2699446	.2354187	.3641977	2.906544	6.657373	3.014616	3.917814

#1	4.211673	26.13864	.1955688	-.015708	1.701702	.2047922	1.110487
#2	4.192393	26.02564	.1965814	-.016638	1.568218	.1980811	1.110455
#3	4.191709	26.04064	.1969499	-.016307	1.791428	.1928503	1.036783

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.024506	.6100014	.1385387	.0134423	.2416383	52.88139	.0045635
Stddev	.134305	.0019786	.0062103	.0006403	.0005854	.72541	.0008450
%RSD	1.911947	.3243566	4.482688	4.763592	.2422425	1.371761	18.51761

#1	7.107426	.6117635	.1395032	.0139155	.2415656	52.49817	.0055230
#2	6.869552	.6078609	.1442102	.0127137	.2410926	52.42798	.0039302
#3	7.096540	.6103797	.1319026	.0136978	.2422566	53.71804	.0042371

Sample Name: M3854-10 Acquired: 01/10/2022 7:35:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7004380	.0941039	-.038870
Stddev	.0029539	.0017326	.000725
%RSD	.4217180	1.841184	1.865754

#1	.6971464	.0941462	-.039686
#2	.7013093	.0958150	-.038625
#3	.7028581	.0923505	-.038299

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.555	44625.75	6777.498	1252.087	1981.757
Stddev	3.457	219.57	41.428	21.711	7.625
%RSD	.2403423	.4920182	.6112576	1.734008	.3847689

#1	1436.641	44375.80	6755.937	1231.076	1976.710
#2	1436.478	44713.93	6825.260	1250.747	1978.033
#3	1442.546	44787.51	6751.297	1274.437	1990.529

Sample Name: M3854-11 Acquired: 01/10/2022 7:39:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1333974	-.009255	.6454421	.0201414	.0030882	76.02413	.6890123
Stddev	.0054382	.005907	.0021178	.0036418	.0033142	.72721	.0031050
%RSD	4.076705	63.82234	.3281121	18.08119	107.3193	.9565520	.4506479

#1	.1311170	-.012589	.6467717	.0187221	.0068257	76.11759	.6904364
#2	.1396046	-.012742	.6429999	.0242792	.0019318	76.70009	.6911499
#3	.1294707	-.002435	.6465546	.0174230	.0005071	75.25470	.6854507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091390	-.000513	69.40592	.1362054	.1111312	.1665876	214.2532
Stddev	.0001788	.000024	.29427	.0026395	.0003681	.0009748	1.8271
%RSD	1.956938	4.769144	.4239790	1.937857	.3312090	.5851300	.8527731

#1	.0092010	-.000535	69.48008	.1392532	.1108852	.1677024	213.7454
#2	.0089374	-.000487	69.65602	.1346751	.1109540	.1658955	216.2804
#3	.0092786	-.000516	69.08168	.1346880	.1115543	.1661649	212.7337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.782727	28.92684	.2078127	-.017312	1.930926	.2237512	.6941316
Stddev	.017292	.17245	.0020227	.000397	.358265	.0024051	.0662792
%RSD	.3615586	.5961614	.9733322	2.295813	18.55407	1.074912	9.548501

#1	4.784230	28.89942	.2060738	-.017726	1.683854	.2221711	.7466451
#2	4.799219	29.11136	.2100326	-.017277	2.341813	.2265192	.6196599
#3	4.764732	28.76975	.2073318	-.016933	1.767110	.2225634	.7160897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.657655	.5448880	.1550137	.0156954	.2497868	52.77892	-.007637
Stddev	.074864	.0017827	.0065658	.0005981	.0026957	.43627	.001797
%RSD	1.124478	.3271688	4.235655	3.810929	1.079214	.8265938	23.53293

#1	6.712578	.5439516	.1499202	.0153979	.2472358	53.28207	-.009438
#2	6.688005	.5437686	.1624238	.0163840	.2495176	52.54876	-.005843
#3	6.572382	.5469438	.1526970	.0153044	.2526071	52.50593	-.007629

Sample Name: M3854-11 Acquired: 01/10/2022 7:39:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXP9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6996578	.0955231	-.052284
Stddev	.0036989	.0022675	.002075
%RSD	.5286701	2.373783	3.968298

#1	.6989386	.0938887	-.051889
#2	.6963714	.0945689	-.054528
#3	.7036635	.0981118	-.050435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.186	44903.76	6804.093	1265.353	1976.414
Stddev	3.316	301.29	13.270	9.192	5.922
%RSD	.2289955	.6709711	.1950325	.7264200	.2996211

#1	1451.623	44559.34	6794.522	1257.889	1982.845
#2	1447.930	45033.47	6798.517	1262.550	1975.212
#3	1445.006	45118.48	6819.242	1275.620	1971.186

Sample Name: CCV067 Acquired: 01/10/2022 7:43:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041887	4.878568	24.73684	4.856280	4.937826	394.3572
Stddev	.010745	.001116	.04890	.009139	.014697	.5246
%RSD	.2131108	.0228843	.1976723	.1881869	.2976424	.1330212

#1	5.029508	4.877368	24.69724	4.866825	4.924876	394.7183
#2	5.048797	4.878761	24.72178	4.851351	4.934803	394.5978
#3	5.047356	4.879575	24.79150	4.850664	4.953800	393.7555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.976275	.5162610	2.485070	389.0948	15.19432	2.477015
Stddev	.036611	.0070078	.002910	.5281	.02846	.002749
%RSD	.3669771	1.357412	.1171056	.1357146	.1872812	.1109938

#1	9.997129	.5149623	2.482015	389.2846	15.16225	2.474305
#2	9.997694	.5099934	2.485385	389.5018	15.21655	2.479802
#3	9.934002	.5238273	2.487810	388.4981	15.20416	2.476937

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47743	384.7655	14.25227	378.9546	2.529406	1.229207
Stddev	.03937	.2138	.00872	.0914	.004797	.006700
%RSD	.2719230	.0555770	.0612080	.0241162	.1896532	.5450280

#1	14.46035	384.9751	14.26232	378.9616	2.525568	1.225454
#2	14.44948	384.5477	14.24780	378.8599	2.527867	1.236942
#3	14.52245	384.7737	14.24668	379.0423	2.534784	1.225225

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.9356	2.412850	14.49699	150.1799	F 5.937239	5.141812
Stddev	1.0270	.009644	.34553	.7002	.018908	.054744
%RSD	.2647329	.3996973	2.383457	.4662129	.3184611	1.064685

#1	388.9312	2.421678	14.74549	149.3991	5.915410	5.122142
#2	387.9957	2.414315	14.64306	150.3885	5.948510	5.099621
#3	386.8798	2.402558	14.10241	150.7520	5.947797	5.203673

Sample Name: CCV067 Acquired: 01/10/2022 7:43:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856791	5.227223	5.011185	5.096196	4.882702	5.026010
Stddev	.010899	.009843	.049281	.009074	.010064	.004501
%RSD	.2244171	.1883096	.9834294	.1780445	.2061183	.0895501
#1	4.850885	5.215861	4.995161	5.092885	4.876326	5.027380
#2	4.850119	5.233169	4.971910	5.089244	4.877477	5.029667
#3	4.869369	5.232638	5.066484	5.106461	4.894304	5.020984

Elem	Sr4077
Units	ppm
Avg	4.714293
Stddev	.007411
%RSD	.1572092
#1	4.706378
#2	4.721069
#3	4.715431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.999	36295.92	5738.621	954.1921	1542.328
Stddev	1.489	514.61	9.808	16.3436	1.417
%RSD	.1379619	1.417808	.1709194	1.712817	.0918549
#1	1078.097	36297.02	5749.101	948.8614	1541.438
#2	1080.717	35780.76	5737.101	941.1794	1543.961
#3	1078.183	36809.97	5729.662	972.5354	1541.583

Sample Name: CCB067 Acquired: 01/10/2022 7:51:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000680	-.001039	.0025605	-.000498	-.001586	.0115783	.0001807
Stddev	.014820	.003127	.0016263	.001058	.000918	.0030037	.0008613
%RSD	2179.592	301.0416	63.51696	212.3061	57.90515	25.94227	476.7536

#1	-.016538	.001989	.0027177	.000189	-.002538	.0131930	.0000572
#2	.012820	-.000850	.0008612	-.001717	-.000706	.0081126	-.000612
#3	.001678	-.004256	.0041025	.000033	-.001513	.0134293	.001097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0001573	.0207072	.0000422	-.000108	.0017867	-.000430
Stddev	.000073	.0000880	.0261776	.0002577	.000233	.0022934	.004960
%RSD	149.2125	55.97298	126.4177	611.2228	216.3239	128.3594	1154.310

#1	.000021	.0001010	.0020731	-.000250	.000069	.0018321	-.005783
#2	-.000125	.0001122	.0094125	.000138	-.000372	-.000529	.000482
#3	-.000043	.0002587	.0506360	.000238	-.000020	.004057	.004012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001805	.0219597	-.000058	.0005454	-.035091	-.002205	.0066011
Stddev	.0005332	.0259446	.000432	.0001487	.064856	.004186	.0181443
%RSD	295.3736	118.1468	741.8115	27.27294	184.8209	189.8525	274.8667

#1	.0006317	-.007806	.000180	.0003899	-.071006	-.006191	.0088334
#2	.0003177	.033904	.000202	.0005600	-.074045	-.002579	.0235260
#3	-.000408	.039780	-.000557	.0006863	.039777	.002155	-.012556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1608371	-.001454	.0008556	.0000212	.0003271	.0040112	.0011939
Stddev	.0334462	.000317	.0007630	.0001753	.0003448	.0005895	.0004485
%RSD	20.79510	21.78005	89.18331	827.3378	105.4018	14.69498	37.57044

#1	.1904103	-.001345	.0009186	.0000443	-.000044	.0036964	.0007894
#2	.1675614	-.001811	.0000630	-.000165	.000387	.0046912	.0011159
#3	.1245396	-.001206	.0015852	.000184	.000638	.0036460	.0016763

Sample Name: CCB067 Acquired: 01/10/2022 7:51:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014520	-.001561	-.000039
Stddev	.0027221	.001059	.000076
%RSD	187.4789	67.79153	195.0040

#1	.0041517	-.001814	-.000029
#2	-.001292	-.002471	.000031
#3	.001496	-.000400	-.000120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.942	39744.66	5982.700	1113.744	2083.462
Stddev	.952	271.53	13.652	1.184	1.237
%RSD	.0727973	.6831984	.2281858	.1062699	.0593950

#1	1307.922	39519.71	5989.325	1112.492	2083.114
#2	1308.904	40046.29	5991.775	1113.894	2084.837
#3	1307.000	39667.99	5967.000	1114.845	2082.437

Sample Name: M3854-12 Acquired: 01/10/2022 7:55:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1308605	-.010843	F .8124869	.0258715	.0036010	F 74.51604
Stddev	.0087609	.002027	.0032494	.0026394	.0012338	.50084
%RSD	6.694843	18.69225	.3999378	10.20214	34.26194	.6721270

#1	.1252001	-.011817	.8100824	.0285814	.0024040	74.60199
#2	.1264297	-.012199	.8111947	.0257242	.0035304	73.97778
#3	.1409518	-.008513	.8161837	.0233087	.0048685	74.96835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6988655	F .0092291	-.001766	F 48.17450	F .1350087	F .1134362
Stddev	.0043824	.0000347	.000184	.29005	.0006246	.0003705
%RSD	.6270710	.3761747	10.43501	.6020868	.4626083	.3266221

#1	.6965252	.0092662	-.001553	48.05011	.1350320	.1138478
#2	.6961502	.0092236	-.001878	47.96739	.1356212	.1133314
#3	.7039213	.0091974	-.001866	48.50600	.1343728	.1131293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1242803	F 224.1550	F 6.098346	F 21.43477	F .1494331	F -.018378
Stddev	.0016235	1.3460	.029894	.06261	.0008272	.000375
%RSD	1.306317	.6004903	.4901950	.2920933	.5535642	2.039794

#1	.1261169	224.0668	6.090727	21.38209	.1495402	-.018704
#2	.1236878	222.8553	6.072998	21.41823	.1485576	-.017968
#3	.1230363	225.5430	6.131312	21.50399	.1502016	-.018461

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.588372	F .2456624	F .7608514	F 6.135327	F .4802180	F .1503418
Stddev	.302637	.0058702	.0173867	.150343	.0006498	.0044188
%RSD	19.05331	2.389538	2.285169	2.450445	.1353236	2.939162

#1	1.878010	.2391687	.7762855	6.302901	.4809317	.1532822
#2	1.274226	.2472263	.7420150	6.012270	.4800617	.1452603
#3	1.612879	.2505923	.7642536	6.090811	.4796605	.1524827

Sample Name: M3854-12 Acquired: 01/10/2022 7:55:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0154332	F .1133968	F 51.98197	F -.010137	F .6246183	F .0926988
Stddev	.0004577	.0012440	.39268	.002059	.0027068	.0016888
%RSD	2.965579	1.097005	.7554201	20.31145	.4333605	1.821856

#1	.0151936	.1122152	52.26476	-.007884	.6232428	.0909742
#2	.0159610	.1132804	52.14753	-.010606	.6277367	.0927727
#3	.0151451	.1146950	51.53362	-.011920	.6228754	.0943495

Elem	Sr4077
Units	ppm
Avg	-.089861
Stddev	.001188
%RSD	1.322315

#1	-.089707
#2	-.088757
#3	-.091119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.405	44839.66	6720.145	1248.446	2000.284
Stddev	6.139	217.95	34.389	1.662	5.799
%RSD	.4274135	.4860640	.5117226	.1331050	.2898838

#1	1441.439	44903.98	6695.811	1246.612	2005.346
#2	1438.211	45018.22	6705.138	1248.877	2001.549
#3	1429.565	44596.79	6759.487	1249.850	1993.958

Sample Name: M3854-13 Acquired: 01/10/2022 7:59:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097999	-.002749	.5055684	.0245740	.0037969	76.22105	.7670948
Stddev	.0087831	.002838	.0037533	.0047375	.0025701	.73404	.0044163
%RSD	7.999182	103.2149	.7423978	19.27845	67.69117	.9630410	.5757139

#1	.1107151	.000015	.5095369	.0298683	.0060555	75.38034	.7620046
#2	.1180896	-.002607	.5020756	.0231190	.0010003	76.73481	.7693744
#3	.1005951	-.005655	.5050927	.0207347	.0043348	76.54799	.7699055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081149	.0019288	133.9614	.1275529	.1192702	.1540190	193.0638
Stddev	.0001426	.0000693	.7106	.0015980	.0008205	.0019974	1.8394
%RSD	1.757694	3.590619	.5304195	1.252821	.6878885	1.296817	.9527674

#1	.0079678	.0019260	133.1430	.1293824	.1199739	.1520518	190.9857
#2	.0081243	.0019994	134.4218	.1264300	.1183691	.1560452	194.4834
#3	.0082527	.0018610	134.3193	.1268464	.1194678	.1539602	193.7222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722750	35.12269	.2216664	-.015833	1.584831	.1949566	.7779742
Stddev	.040616	.47328	.0013042	.000158	.227371	.0041524	.0257405
%RSD	.8600067	1.347506	.5883692	.9990136	14.34672	2.129891	3.308654

#1	4.679311	34.57698	.2206271	-.015705	1.524467	.1952406	.7710710
#2	4.759781	35.42100	.2212422	-.015784	1.393734	.1989597	.8064625
#3	4.729158	35.37008	.2231299	-.016010	1.836294	.1906695	.7563893

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.452024	.5489308	.1354638	.0107214	.1891733	52.49710	-.011659
Stddev	.106446	.0028429	.0070683	.0003544	.0019722	.42412	.001286
%RSD	1.649808	.5178980	5.217877	3.305125	1.042544	.8079009	11.02965

#1	6.338168	.5521493	.1273101	.0105446	.1908605	52.82269	-.010221
#2	6.549057	.5478811	.1398547	.0104902	.1896544	52.01749	-.012058
#3	6.468845	.5467621	.1392267	.0111294	.1870051	52.65113	-.012699

Sample Name: M3854-13 Acquired: 01/10/2022 7:59:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6604897	.0983840	.0477221
Stddev	.0035406	.0004198	.0018750
%RSD	.5360628	.4267128	3.928893

#1	.6586449	.0980713	.0498461
#2	.6582524	.0982195	.0462967
#3	.6645718	.0988611	.0470236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.560	44974.81	6952.013	1251.973	1943.710
Stddev	3.609	70.46	12.524	6.941	3.630
%RSD	.2498518	.1566615	.1801502	.5543674	.1867499

#1	1448.639	45054.69	6937.886	1258.695	1947.751
#2	1441.779	44921.50	6961.755	1244.833	1940.726
#3	1443.263	44948.24	6956.398	1252.391	1942.653

Sample Name: M3854-14 Acquired: 01/10/2022 8:03:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1340493	-.000138	.7861072	.0231284	.0073817	75.20095	.7650861
Stddev	.0082727	.004302	.0014018	.0142373	.0034601	.53302	.0045497
%RSD	6.171419	3115.803	.1783200	61.55759	46.87408	.7087930	.5946691

#1	.1311879	-.005105	.7875836	.0336575	.0084732	75.10965	.7620490
#2	.1433729	.002425	.7859436	.0287978	.0101643	75.77372	.7703171
#3	.1275872	.002266	.7847944	.0069298	.0035074	74.71947	.7628922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078635	.0044722	72.24915	.1309088	.0975419	.2618687	192.9082
Stddev	.0001262	.0001445	.11157	.0011785	.0006239	.0033537	.8139
%RSD	1.605330	3.231460	.1544247	.9002254	.6396505	1.280675	.4218850

#1	.0079453	.0046350	72.14749	.1315021	.0972912	.2655976	192.9676
#2	.0077181	.0044224	72.36852	.1295515	.0970823	.2590995	193.6906
#3	.0079272	.0043591	72.23144	.1316727	.0982522	.2609088	192.0662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.823126	24.98005	.2165743	-.015385	1.171275	.1932429	2.114373
Stddev	.016805	.16031	.0007869	.000381	.324836	.0049010	.077602
%RSD	.4395745	.6417326	.3633228	2.474808	27.73355	2.536165	3.670196

#1	3.821165	24.97678	.2168752	-.014965	1.450570	.1875992	2.098026
#2	3.840826	25.14197	.2171663	-.015708	1.248456	.1964267	2.198845
#3	3.807387	24.82141	.2156814	-.015483	.814800	.1957027	2.046246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.549198	.5920364	.1380252	.0128793	.2027262	48.47519	-.001320
Stddev	.072251	.0023787	.0054102	.0003428	.0017487	.57290	.002468
%RSD	1.103201	.4017832	3.919693	2.661286	.8625778	1.181842	186.9306

#1	6.629631	.5939032	.1357037	.0125332	.2043827	49.08295	.001365
#2	6.528169	.5893581	.1442087	.0128860	.2008980	47.94507	-.003490
#3	6.489795	.5928478	.1341632	.0132187	.2028980	48.39755	-.001835

Sample Name: M3854-14 Acquired: 01/10/2022 8:03:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7769922	.0919520	-.036152
Stddev	.0024526	.0021631	.000989
%RSD	.3156463	2.352421	2.735408

#1	.7777231	.0897905	-.036692
#2	.7742573	.0919487	-.036753
#3	.7789962	.0941167	-.035010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.016	44429.16	6788.723	1231.854	1950.025
Stddev	5.582	235.24	39.227	12.404	3.927
%RSD	.3919593	.5294829	.5778281	1.006938	.2013869

#1	1430.206	44607.29	6744.248	1243.572	1953.417
#2	1422.475	44162.49	6803.529	1218.862	1950.935
#3	1419.367	44517.70	6818.393	1233.127	1945.723

Sample Name: M3854-15 Acquired: 01/10/2022 8:07:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1495586	-.008276	.4203632	.0312919	.0030116	82.26608	.6466525
Stddev	.0148934	.003602	.0028723	.0056327	.0024428	.34538	.0032375
%RSD	9.958225	43.52790	.6832853	18.00061	81.11360	.4198313	.5006600

#1	.1569307	-.012424	.4213597	.0267233	.0043138	81.99941	.6496506
#2	.1324170	-.005932	.4226044	.0375854	.0001936	82.65623	.6470873
#3	.1593280	-.006472	.4171253	.0295671	.0045275	82.14261	.6432195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089526	-.001474	138.2765	.1488429	.1099312	.1476955	227.6404
Stddev	.0000429	.000177	.3861	.0007909	.0001452	.0039409	1.0252
%RSD	.4791015	11.99822	.2792451	.5313857	.1320692	2.668279	.4503564

#1	.0089748	-.001679	138.3548	.1480711	.1100980	.1482735	226.8974
#2	.0089797	-.001380	138.6175	.1488058	.1098328	.1434975	228.8100
#3	.0089031	-.001365	137.8573	.1496516	.1098630	.1513155	227.2137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.904694	37.97971	.1867760	-.019072	1.533573	.2332303	.6203681
Stddev	.013702	.16902	.0012749	.000465	.231544	.0015188	.0186803
%RSD	.2793750	.4450251	.6825723	2.438953	15.09834	.6512050	3.011167

#1	4.899614	37.91973	.1856194	-.019189	1.798108	.2332998	.6153630
#2	4.920211	38.17054	.1865656	-.018560	1.367715	.2316780	.6410411
#3	4.894257	37.84886	.1881430	-.019468	1.434895	.2347132	.6047002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.044008	.4683075	.1416504	.0137671	.1428421	53.05535	-.011531
Stddev	.171671	.0015111	.0052500	.0005260	.0018511	.32695	.001957
%RSD	2.840348	.3226648	3.706328	3.820596	1.295884	.6162385	16.97119

#1	5.845868	.4698040	.1444649	.0142994	.1430411	52.67873	-.009298
#2	6.137936	.4683363	.1448931	.0137544	.1445857	53.26628	-.012348
#3	6.148218	.4667823	.1355933	.0132476	.1408996	53.22104	-.012948

Sample Name: M3854-15 Acquired: 01/10/2022 8:07:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6641324	.1036082	-.026272
Stddev	.0035295	.0008251	.001186
%RSD	.5314463	.7963192	4.514579

#1	.6613092	.1041572	-.025638
#2	.6629986	.1026594	-.027640
#3	.6680895	.1040081	-.025538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.578	44316.92	6729.522	1240.458	1922.736
Stddev	.225	686.01	63.706	8.876	1.155
%RSD	.0158743	1.547961	.9466667	.7155814	.0600579

#1	1416.318	44558.94	6782.729	1242.935	1921.518
#2	1416.720	44849.12	6746.911	1247.833	1923.815
#3	1416.694	43542.71	6658.928	1230.606	1922.875

Sample Name: M3854-16 Acquired: 01/10/2022 8:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1447690	-.008042	.3655535	.0299252	.0055681	77.93290	.6923742
Stddev	.0011309	.002287	.0018101	.0004395	.0020922	.58821	.0028223
%RSD	.7811591	28.43854	.4951652	1.468577	37.57467	.7547650	.4076224

#1	.1435157	-.009449	.3635649	.0301880	.0032126	77.32844	.6892284
#2	.1450781	-.005403	.3671051	.0294178	.0072104	78.50338	.6946841
#3	.1457132	-.009274	.3659904	.0301698	.0062813	77.96688	.6932100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096644	-.002222	59.32350	.1481205	.1124191	.1563951	227.0649
Stddev	.0001027	.000029	.19171	.0007581	.0005920	.0031148	1.5173
%RSD	1.062232	1.289224	.3231667	.5118407	.5265848	1.991619	.6682392

#1	.0096998	-.002210	59.17306	.1479540	.1117368	.1528172	225.5193
#2	.0095488	-.002255	59.53936	.1489480	.1127968	.1585017	228.5523
#3	.0097447	-.002202	59.25807	.1474594	.1127236	.1578663	227.1230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.400044	19.92764	.1430342	-.018879	1.157348	.2524879	.5740641
Stddev	.045884	.18300	.0006590	.000588	.182066	.0028772	.0170948
%RSD	.7169317	.9183044	.4607431	3.113790	15.73135	1.139557	2.977857

#1	6.348048	19.72467	.1437083	-.019401	1.225859	.2535784	.5686423
#2	6.434852	20.08002	.1430029	-.018242	.950965	.2546605	.5932124
#3	6.417233	19.97822	.1423914	-.018992	1.295220	.2492248	.5603378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.348398	.4971034	.1401712	.0144979	.0766814	50.83711	-.010877
Stddev	.141040	.0028431	.0077949	.0008170	.0006970	.34366	.000478
%RSD	2.637057	.5719401	5.561004	5.635406	.9089014	.6760056	4.394397

#1	5.263704	.4938884	.1326774	.0136436	.0758953	51.20840	-.010516
#2	5.511213	.4992866	.1482358	.0152717	.0769252	50.53018	-.010696
#3	5.270277	.4981351	.1396005	.0145784	.0772237	50.77275	-.011419

Sample Name: M3854-16 Acquired: 01/10/2022 8:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6188178	.0962365	-.108016
Stddev	.0034333	.0022328	.001355
%RSD	.5548087	2.320136	1.254173

#1	.6179284	.0947729	-.106715
#2	.6159167	.0951301	-.109418
#3	.6226082	.0988065	-.107915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.453	44651.48	6730.573	1239.167	1968.555
Stddev	3.788	209.50	1.392	10.221	3.055
%RSD	.2648055	.4691906	.0206857	.8248369	.1551955

#1	1431.020	44627.05	6729.004	1249.401	1972.078
#2	1433.926	44455.27	6731.052	1228.959	1966.643
#3	1426.414	44872.13	6731.662	1239.142	1966.944

Sample Name: M3854-17 Acquired: 01/10/2022 8:15:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1268937	-.005989	1.002980	.0298344	.0025440	81.32519	.8664022
Stddev	.0041099	.002943	.004430	.0043603	.0027058	1.78960	.0259893
%RSD	3.238822	49.14572	.4417112	14.61498	106.3597	2.200543	2.999677

#1	.1305316	-.002723	.998716	.0257922	.0056544	83.38092	.8963855
#2	.1224356	-.008437	1.007560	.0344551	.0007330	80.47944	.8525038
#3	.1277140	-.006805	1.002664	.0292559	.0012446	80.11523	.8503173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095167	.0040814	46.04137	.1383381	.0961494	.2421843	219.0702
Stddev	.0002856	.0004614	1.20200	.0006962	.0002708	.0020081	5.2222
%RSD	3.001501	11.30555	2.610690	.5032636	.2816677	.8291642	2.383823

#1	.0098320	.0035499	47.42808	.1378028	.0964604	.2433978	225.0975
#2	.0092751	.0043140	45.39880	.1380864	.0959657	.2398664	216.2154
#3	.0094431	.0043802	45.29723	.1391252	.0960221	.2432887	215.8976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.659220	19.58461	.1971533	-.017128	1.196247	.2275112	1.189693
Stddev	.095026	.46536	.0002754	.000679	.276383	.0095733	.015003
%RSD	2.596902	2.376149	.1397048	3.963806	23.10419	4.207840	1.261068

#1	3.768586	20.12167	.1970730	-.016468	1.317732	.2385320	1.172571
#2	3.612246	19.30087	.1969268	-.017092	1.391081	.2227455	1.195972
#3	3.596829	19.33129	.1974599	-.017824	.879930	.2212561	1.200536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.638007	.7303549	.1496177	.0141060	.3247480	52.78668	-.001564
Stddev	.087954	.0018085	.0031500	.0003918	.0028505	1.18662	.001071
%RSD	1.151529	.2476161	2.105378	2.777548	.8777546	2.247948	68.49442

#1	7.719865	.7300065	.1519010	.0137262	.3215144	54.15574	-.000994
#2	7.649140	.7287459	.1509280	.0145088	.3268968	52.05405	-.000899
#3	7.545017	.7323122	.1460240	.0140831	.3258327	52.15024	-.002800

Sample Name: M3854-17 Acquired: 01/10/2022 8:15:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7095733	.1058170	-.080874
Stddev	.0214870	.0037710	.001752
%RSD	3.028162	3.563719	2.166753

#1	.7343145	.1093392	-.082884
#2	.6955908	.1018386	-.079665
#3	.6988147	.1062732	-.080074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.463	45217.65	6741.089	1271.555	1991.002
Stddev	2.113	132.68	112.829	5.162	4.979
%RSD	.1451639	.2934291	1.673745	.4059821	.2500821

#1	1455.969	45278.43	6611.579	1276.610	1995.795
#2	1457.277	45309.06	6818.118	1266.291	1991.354
#3	1453.143	45065.47	6793.569	1271.765	1985.856

Sample Name: M3854-18 Acquired: 01/10/2022 8:19:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168655	-.007100	.4341881	.0251193	.0039611	84.21846	1.718440
Stddev	.0022589	.000555	.0014280	.0050227	.0016676	.21133	.009612
%RSD	1.932903	7.820263	.3288957	19.99533	42.10030	.2509303	.5593729

#1	.1160112	-.006463	.4330399	.0247258	.0033569	84.14053	1.722616
#2	.1194270	-.007355	.4337373	.0203050	.0058466	84.05716	1.707446
#3	.1151584	-.007483	.4357872	.0303273	.0026798	84.45769	1.725259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092304	-.000235	60.76573	.1367704	.1147157	.1729944	211.4858
Stddev	.0001876	.000195	.25835	.0012395	.0008080	.0015604	.6080
%RSD	2.032141	82.92132	.4251565	.9062729	.7043135	.9019841	.2874681

#1	.0094236	-.000357	60.92542	.1377555	.1147102	.1711937	210.9124
#2	.0090490	-.000337	60.46767	.1353786	.1139105	.1739481	211.4218
#3	.0092188	-.000010	60.90411	.1371770	.1155264	.1738414	212.1233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.717287	27.87294	.2327682	-.017096	1.303756	.2140793	.6546467
Stddev	.008185	.01681	.0018409	.000288	.257319	.0020505	.0345016
%RSD	.2201767	.0603172	.7908674	1.687414	19.73671	.9578397	5.270266

#1	3.716694	27.86465	.2340527	-.017386	1.046546	.2118281	.6170973
#2	3.709415	27.89229	.2306592	-.016809	1.303540	.2158404	.6849495
#3	3.725752	27.86189	.2335927	-.017093	1.561183	.2145693	.6618932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.713727	.4661670	.1428959	.0121500	.1231449	51.42977	-.009639
Stddev	.110625	.0027400	.0075226	.0005296	.0009538	.70644	.001729
%RSD	1.647741	.5877742	5.264423	4.358738	.7745077	1.373596	17.93783

#1	6.835119	.4663582	.1343711	.0123225	.1220642	52.08468	-.008111
#2	6.618596	.4633364	.1486028	.0115557	.1235016	50.68116	-.009290
#3	6.687466	.4688064	.1457137	.0125719	.1238689	51.52349	-.011516

Sample Name: M3854-18 Acquired: 01/10/2022 8:19:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7047802	.1178048	-.048062
Stddev	.0015805	.0009184	.000190
%RSD	.2242541	.7795623	.3958164

#1	.7046814	.1171809	-.047876
#2	.7032514	.1173742	-.048055
#3	.7064077	.1188593	-.048256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.123	45465.66	6912.558	1272.762	1964.170
Stddev	8.754	411.45	9.553	16.903	12.682
%RSD	.6016049	.9049595	.1381963	1.328031	.6456827

#1	1457.014	45699.52	6902.144	1286.499	1969.804
#2	1462.776	44990.58	6914.618	1253.886	1973.059
#3	1445.577	45706.88	6920.913	1277.900	1949.647

Sample Name: M3854-19 Acquired: 01/10/2022 8:23:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1357834	-.000236	.4366075	.0282275	.0059185	79.88934	.7252890
Stddev	.0029183	.004059	.0016965	.0084990	.0014865	.23848	.0024927
%RSD	2.149242	1719.749	.3885527	30.10892	25.11676	.2985106	.3436877

#1	.1390653	-.002014	.4377391	.0186007	.0050138	79.94368	.7252699
#2	.1334802	-.003102	.4374265	.0346922	.0076342	80.09596	.7277911
#3	.1348046	.004408	.4346569	.0313897	.0051076	79.62839	.7228058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088351	-.000245	79.80237	.1291125	.1055367	.1731719	215.2091
Stddev	.0001827	.000120	.04287	.0005585	.0006633	.0015455	.3176
%RSD	2.067696	49.01212	.0537157	.4325404	.6284605	.8924497	.1475931

#1	.0089011	-.000140	79.77800	.1295436	.1054918	.1742601	214.9944
#2	.0089757	-.000220	79.85187	.1293123	.1062212	.1738527	215.5739
#3	.0086287	-.000376	79.77724	.1284817	.1048970	.1714029	215.0588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.092253	32.84562	.2147702	-.017590	1.455336	.2132495	.6696834
Stddev	.010670	.13520	.0006613	.000530	.109978	.0044700	.0347985
%RSD	.2607249	.4116127	.3079062	3.010299	7.556860	2.096113	5.196264

#1	4.083633	32.78966	.2154172	-.018024	1.507384	.2152744	.7090986
#2	4.104186	32.99981	.2140955	-.017000	1.529628	.2163486	.6567412
#3	4.088939	32.74739	.2147978	-.017746	1.328996	.2081254	.6432105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.367189	.4931451	.1374934	.0151784	.1091840	52.36562	-.012653
Stddev	.055699	.0012366	.0029742	.0003891	.0002397	.38816	.006531
%RSD	.8747767	.2507577	2.163194	2.563541	.2194930	.7412461	51.61620

#1	6.416593	.4939697	.1408128	.0152628	.1090263	51.98841	-.006269
#2	6.378149	.4917232	.1365967	.0147540	.1094598	52.76387	-.012368
#3	6.306825	.4937424	.1350706	.0155184	.1090660	52.34460	-.019322

Sample Name: M3854-19 Acquired: 01/10/2022 8:23:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6412710	.1165356	-.071999
Stddev	.0016747	.0005689	.000051
%RSD	.2611451	.4882014	.0704658

#1	.6393984	.1169324	-.072054
#2	.6417896	.1167906	-.071989
#3	.6426250	.1158838	-.071954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.309	45377.77	6851.503	1274.963	1966.760
Stddev	3.200	472.03	29.809	18.609	5.508
%RSD	.2200542	1.040232	.4350786	1.459601	.2800629

#1	1455.297	44883.29	6817.344	1254.069	1964.567
#2	1450.731	45823.58	6864.912	1289.757	1962.686
#3	1456.898	45426.44	6872.253	1281.063	1973.027

Sample Name: M3854-20 Acquired: 01/10/2022 8:28:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1379063	-.006003	4.417368	.0230073	.0057579	80.64710	1.885903
Stddev	.0051791	.005116	.013373	.0057261	.0039524	.24154	.005603
%RSD	3.755521	85.23260	.3027416	24.88804	68.64277	.2995042	.2970988

#1	.1373346	-.005664	4.402464	.0289034	.0102352	80.78704	1.888046
#2	.1433475	-.001064	4.421322	.0226506	.0027536	80.78607	1.890118
#3	.1330367	-.011280	4.428318	.0174680	.0042847	80.36819	1.879545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109572	.0083045	393.8046	.1527159	.0896216	.2613755	222.3079
Stddev	.0001103	.0001185	.8552	.0009145	.0005679	.0023176	1.1330
%RSD	1.006928	1.426608	.2171753	.5988455	.6336223	.8866952	.5096635

#1	.0108650	.0083602	393.8861	.1517411	.0892848	.2635279	222.8730
#2	.0109272	.0081684	394.6162	.1528515	.0902773	.2589221	223.0472
#3	.0110795	.0083848	392.9115	.1535550	.0893029	.2616764	221.0034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.192895	44.42393	.1993114	-.017980	1.566844	.2517549	2.310146
Stddev	.017292	.15111	.0011224	.000292	.076851	.0024049	.083169
%RSD	.5415804	.3401657	.5631261	1.622838	4.904848	.9552747	3.600163

#1	3.194663	44.49200	.1992490	-.017672	1.514521	.2533819	2.397617
#2	3.209235	44.52904	.2004637	-.018253	1.530934	.2489925	2.232079
#3	3.174787	44.25076	.1982215	-.018015	1.655077	.2528905	2.300742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.704901	1.032719	.2030971	.0193573	.4670071	54.16722	.0147596
Stddev	.014541	.005486	.0038802	.0007042	.0026123	.41677	.0016327
%RSD	.1670428	.5312104	1.910508	3.638003	.5593820	.7694092	11.06223

#1	8.717380	1.033407	.2043202	.0185543	.4649228	53.86070	.0134806
#2	8.708390	1.026921	.2062183	.0196480	.4661608	53.99919	.0165987
#3	8.688933	1.037828	.1987527	.0198697	.4699377	54.64177	.0141995

Sample Name: M3854-20 Acquired: 01/10/2022 8:28:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8181901	.1233606	.3578224
Stddev	.0036897	.0022019	.0016134
%RSD	.4509535	1.784942	.4508983

#1	.8139309	.1215685	.3566850
#2	.8202321	.1226945	.3571132
#3	.8204074	.1258186	.3596689

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.965	43857.81	6706.870	1220.621	1831.332
Stddev	2.608	12.78	29.881	6.759	4.673
%RSD	.1889579	.0291426	.4455318	.5537457	.2551741

#1	1379.973	43861.82	6698.091	1213.150	1831.778
#2	1382.568	43868.10	6740.158	1222.399	1835.765
#3	1377.353	43843.50	6682.362	1226.313	1826.451

Sample Name: M3854-21 Acquired: 01/10/2022 8:32:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482975	-.009493	4.415112	.0200651	.0079432	79.13716	1.814334
Stddev	.0086158	.003552	.013146	.0043148	.0027999	.18630	.005692
%RSD	5.809799	37.42204	.2977546	21.50421	35.24845	.2354159	.3137148

#1	.1396458	-.007568	4.401247	.0165083	.0110045	79.31567	1.819274
#2	.1483699	-.013592	4.416694	.0248650	.0055121	79.15187	1.815618
#3	.1568769	-.007319	4.427396	.0188220	.0073131	78.94394	1.808109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106478	.0082143	386.7107	.1484269	.0871477	.2573949	215.0363
Stddev	.0000402	.0000586	.7160	.0009642	.0005517	.0017467	.5700
%RSD	.3778470	.7131229	.1851410	.6496264	.6330425	.6786194	.2650930

#1	.0106942	.0081686	387.1331	.1479862	.0865170	.2556471	214.6959
#2	.0106271	.0082804	387.1150	.1477617	.0873856	.2591406	215.6944
#3	.0106222	.0081941	385.8841	.1495327	.0875405	.2573969	214.7186

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.163558	41.43163	.1947990	-.016878	1.659980	.2497596	2.349235
Stddev	.007721	.07432	.0016480	.000500	.112245	.0030906	.035983
%RSD	.2440503	.1793872	.8460041	2.961597	6.761820	1.237439	1.531687

#1	3.166134	41.35078	.1955494	-.016786	1.777824	.2496047	2.385836
#2	3.169662	41.49698	.1959382	-.017418	1.554329	.2467493	2.347967
#3	3.154879	41.44713	.1929093	-.016431	1.647786	.2529247	2.313903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.523012	1.011649	.1910932	.0195422	.4556452	53.78290	.0134956
Stddev	.041710	.008243	.0018163	.0001505	.0028077	.19263	.0033692
%RSD	.4893798	.8147622	.9505018	.7698774	.6162127	.3581535	24.96501

#1	8.476099	1.002160	.1899584	.0193877	.4525009	53.84079	.0096917
#2	8.555908	1.017030	.1901332	.0196882	.4565330	53.56797	.0146909
#3	8.537028	1.015758	.1931882	.0195506	.4579017	53.93995	.0161041

Sample Name: M3854-21 Acquired: 01/10/2022 8:32:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7901483	.1207127	.3574026
Stddev	.0052619	.0014677	.0006943
%RSD	.6659323	1.215836	.1942612

#1	.7855882	.1223681	.3577924
#2	.7959055	.1195708	.3566010
#3	.7889510	.1201992	.3578143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.699	43944.20	6694.968	1212.552	1834.097
Stddev	1.587	339.04	16.569	5.032	3.885
%RSD	.1149428	.7715205	.2474866	.4149785	.2118324

#1	1382.122	44030.02	6675.837	1207.420	1837.910
#2	1380.988	43570.50	6704.770	1212.759	1834.237
#3	1378.987	44232.08	6704.296	1217.477	1830.143

Sample Name: M3854-20LX5 Acquired: 01/10/2022 8:36:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357771	-.003288	.8751718	.0047713	.0004200	17.38496	.4091387
Stddev	.0119056	.006724	.0007028	.0010978	.0017916	.13788	.0024235
%RSD	33.27717	204.5008	.0803077	23.00885	426.5559	.7931276	.5923409

#1	.0495215	.003524	.8749938	.0039409	.0001856	17.30387	.4069282
#2	.0291542	-.003468	.8759465	.0060159	.0023173	17.54417	.4087577
#3	.0286557	-.009921	.8745751	.0043569	-.001243	17.30685	.4117301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021876	.0013188	85.91838	.0349977	.0158183	.0561613	50.01450
Stddev	.0000850	.0001704	.21881	.0001320	.0002828	.0009714	.44545
%RSD	3.886873	12.92152	.2546665	.3771709	1.787728	1.729680	.8906505

#1	.0021777	.0013158	85.83438	.0351177	.0156064	.0570527	49.67249
#2	.0022771	.0011499	86.16674	.0350191	.0157091	.0563051	50.51822
#3	.0021079	.0014907	85.75403	.0348563	.0161395	.0551260	49.85279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7108558	9.760875	.0393321	-.002758	.2230509	.0563137	.5312766
Stddev	.0083850	.047185	.0007152	.000567	.1919477	.0011178	.0464445
%RSD	1.179563	.4834137	1.818475	20.57438	86.05557	1.984968	8.742057

#1	.7026927	9.733692	.0385102	-.003365	.0506778	.0569923	.5039450
#2	.7194463	9.815360	.0398132	-.002669	.4299005	.0550235	.5049821
#3	.7104286	9.733572	.0396730	-.002240	.1885744	.0569251	.5849028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.375192	.1870766	.0460896	.0036811	.0843426	11.52821	-.015874
Stddev	.145776	.0003704	.0014134	.0001471	.0007773	.18869	.002371
%RSD	10.60039	.1980135	3.066712	3.996231	.9216372	1.636808	14.93622

#1	1.504907	.1870483	.0452916	.0038318	.0841910	11.53611	-.016020
#2	1.403239	.1867211	.0477215	.0035378	.0851846	11.71282	-.018169
#3	1.217431	.1874603	.0452556	.0036736	.0836523	11.33568	-.013433

Sample Name: M3854-20LX5 Acquired: 01/10/2022 8:36:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1794054	.0227698	.0774077
Stddev	.0032591	.0017086	.0002048
%RSD	1.816623	7.503773	.2645468

#1	.1780177	.0208945	.0775016
#2	.1770699	.0242383	.0771729
#3	.1831288	.0231766	.0775488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.131	41566.53	6256.156	1154.241	2025.358
Stddev	1.222	294.02	73.249	8.156	3.431
%RSD	.0918697	.7073542	1.170826	.7066448	.1694260

#1	1331.458	41377.45	6227.806	1154.958	2028.935
#2	1329.884	41905.28	6201.320	1162.016	2022.094
#3	1329.052	41416.87	6339.343	1145.750	2025.045

Sample Name: M3854-22 Acquired: 01/10/2022 8:40:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2161595	.0793245	4.614455	.1088291	.0341324	86.01633	5.730649
Stddev	.0204933	.0083847	.026079	.0045866	.0025280	.25336	.017678
%RSD	9.480616	10.57010	.5651520	4.214535	7.406434	.2945498	.3084840

#1	.1925244	.0883938	4.631515	.1130398	.0351782	85.77000	5.717129
#2	.2269718	.0718550	4.584435	.1095058	.0359696	86.27618	5.750654
#3	.2289823	.0777245	4.627416	.1039417	.0312493	86.00280	5.724164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1146628	.1138657	349.2525	.5554602	1.135848	.7284393	209.2382
Stddev	.0011668	.0010128	.7204	.0006168	.003228	.0020051	.6414
%RSD	1.017629	.8894943	.2062642	.1110352	.2842131	.2752671	.3065266

#1	.1145390	.1140001	348.4633	.5560673	1.139105	.7261244	208.5056
#2	.1135628	.1127923	349.8748	.5548342	1.132650	.7295590	209.5103
#3	.1158866	.1148046	349.4193	.5554791	1.135787	.7296346	209.6987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.138361	40.03257	1.287135	.0777075	1.688608	1.189805	3.419768
Stddev	.001712	.08469	.006291	.0003231	.087759	.005855	.098803
%RSD	.0413643	.2115620	.4887587	.4157601	5.197092	.4920993	2.889164

#1	4.137423	40.03794	1.291066	.0774744	1.693587	1.183050	3.351801
#2	4.140337	40.11445	1.279879	.0780763	1.598466	1.192962	3.533107
#3	4.137323	39.94532	1.290461	.0775718	1.773771	1.193405	3.374396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.866339	1.024727	.1873230	.0194911	.4709493	49.33999	.0157362
Stddev	.029952	.004948	.0024514	.0006390	.0038329	.45743	.0045350
%RSD	.3378158	.4828667	1.308620	3.278513	.8138672	.9271017	28.81866

#1	8.844656	1.025533	.1857644	.0191316	.4742069	49.46661	.0209661
#2	8.853845	1.019425	.1901486	.0202289	.4667259	48.83259	.0133497
#3	8.900515	1.029223	.1860561	.0191128	.4719151	49.72078	.0128928

Sample Name: M3854-22 Acquired: 01/10/2022 8:40:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXQ8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8557543	.1173943	.3428186
Stddev	.0033255	.0023545	.0019165
%RSD	.3885984	2.005672	.5590470

#1	.8555109	.1178206	.3449726
#2	.8525572	.1195066	.3413021
#3	.8591947	.1148557	.3421809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.855	43679.51	6662.111	1214.157	1816.714
Stddev	4.200	302.15	15.407	13.096	3.154
%RSD	.3072387	.6917476	.2312619	1.078586	.1736013

#1	1369.130	43729.48	6661.649	1217.659	1814.420
#2	1369.426	43355.49	6677.743	1199.666	1820.311
#3	1362.009	43953.56	6646.940	1225.145	1815.411

Sample Name: M3856-01 Acquired: 01/10/2022 8:44:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711482	-.012900	1.293515	.0312481	.0040866	91.90990	1.021943
Stddev	.0084101	.009365	.007017	.0018158	.0040447	.96537	.001277
%RSD	4.913932	72.59585	.5424450	5.811039	98.97504	1.050349	.1249296

#1	.1614445	-.017553	1.299542	.0294313	.0056209	92.06900	1.023308
#2	.1756708	-.019028	1.295191	.0330630	-.000501	90.87485	1.020778
#3	.1763293	-.002120	1.285812	.0312501	.007140	92.78584	1.021744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119127	.0012606	64.18198	.1522121	.1302280	.1851104	252.9906
Stddev	.0001516	.0002092	.30341	.0006839	.0002742	.0053040	2.5032
%RSD	1.272956	16.59433	.4727301	.4493147	.2105521	2.865323	.9894335

#1	.0120714	.0014265	64.21311	.1523202	.1301377	.1838934	253.5180
#2	.0117693	.0013297	63.86420	.1528356	.1305359	.1805206	250.2658
#3	.0118975	.0010256	64.46862	.1514806	.1300103	.1909171	255.1881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.865378	27.08379	.2122540	-.019386	1.517754	.2855406	1.177387
Stddev	.036483	.15025	.0012698	.001024	.185526	.0032142	.051738
%RSD	.9438328	.5547545	.5982296	5.283812	12.22369	1.125669	4.394342

#1	3.865838	27.13403	.2108365	-.018869	1.692827	.2853321	1.118673
#2	3.828667	26.91486	.2132873	-.020566	1.323298	.2824356	1.216301
#3	3.901628	27.20248	.2126381	-.018724	1.537138	.2888540	1.197188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.615572	.6994496	.1988777	.0201772	.1520123	46.65583	.0019707
Stddev	.160005	.0030907	.0095004	.0005014	.0002505	.42409	.0004742
%RSD	2.101022	.4418707	4.777012	2.485012	.1647641	.9089809	24.06084

#1	7.629879	.6958907	.2027402	.0198172	.1520137	46.72787	.0024792
#2	7.448894	.7014590	.1880544	.0207499	.1517611	46.20033	.0015406
#3	7.767942	.7009992	.2058385	.0199646	.1522620	47.03929	.0018925

Sample Name: M3856-01 Acquired: 01/10/2022 8:44:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8552178	.1244033	-.100285
Stddev	.0030793	.0016661	.002006
%RSD	.3600618	1.339261	1.999851

#1	.8570642	.1249493	-.100509
#2	.8569263	.1225327	-.098177
#3	.8516630	.1257278	-.102169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.090	45345.11	6902.897	1259.410	1945.555
Stddev	.312	310.17	63.941	6.711	2.335
%RSD	.0215543	.6840303	.9262945	.5329043	.1200365

#1	1447.437	45659.55	6906.169	1261.634	1946.575
#2	1446.998	45039.39	6965.139	1264.726	1947.207
#3	1446.833	45336.39	6837.383	1251.868	1942.883

Sample Name: M3856-02 Acquired: 01/10/2022 8:48:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341643	-.002367	.5553624	.0202365	.0067454	71.32733	.6553897
Stddev	.0109569	.002253	.0065137	.0067969	.0020581	.21300	.0045952
%RSD	8.166746	95.16014	1.172867	33.58747	30.51200	.2986181	.7011343

#1	.1410252	-.000162	.5534001	.0174467	.0049793	71.08298	.6500882
#2	.1399397	-.002276	.5626316	.0279844	.0090056	71.42530	.6578510
#3	.1215279	-.004665	.5500555	.0152783	.0062512	71.47372	.6582300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079235	-.000427	181.1506	.1211050	.1039046	.1662040	204.5334
Stddev	.0002526	.000137	1.0534	.0019897	.0010815	.0017844	.5003
%RSD	3.187464	32.09641	.5815087	1.642987	1.040873	1.073626	.2445832

#1	.0077945	-.000317	179.9536	.1200792	.1034933	.1645469	204.0156
#2	.0077616	-.000384	181.9363	.1198374	.1051314	.1680931	205.0141
#3	.0082146	-.000580	181.5620	.1233983	.1030890	.1659722	204.5706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.753026	54.48578	.2448575	-.016354	1.827904	.1949783	.7182517
Stddev	.014679	.22647	.0023974	.000428	.111369	.0033752	.0107383
%RSD	.3911230	.4156502	.9790880	2.614496	6.092733	1.731058	1.495061

#1	3.736162	54.28446	.2431520	-.016052	1.804181	.1911842	.7306317
#2	3.759975	54.73098	.2475986	-.016166	1.949224	.1976469	.7126649
#3	3.762940	54.44190	.2438219	-.016843	1.730308	.1961039	.7114587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.613421	.4699912	.1406295	.0204967	.1332292	47.32599	-.008516
Stddev	.062507	.0061363	.0048020	.0003228	.0017056	.38798	.001430
%RSD	.8210057	1.305630	3.414669	1.574751	1.280232	.8198006	16.78959

#1	7.630246	.4695651	.1391562	.0205128	.1325363	47.23717	-.007078
#2	7.665793	.4763294	.1459956	.0208112	.1351722	46.99011	-.009937
#3	7.544224	.4640789	.1367367	.0201662	.1319790	47.75067	-.008533

Sample Name: M3856-02 Acquired: 01/10/2022 8:48:12 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7070039	.1117548	.0175881
Stddev	.0081461	.0019502	.0006606
%RSD	1.152202	1.745086	3.756108

#1	.6975984	.1095719	.0168287
#2	.7118126	.1123673	.0179054
#3	.7116007	.1133253	.0180302

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.143	44391.61	6776.044	1220.181	1869.585
Stddev	9.309	647.30	39.751	15.428	13.994
%RSD	.6629341	1.458165	.5866406	1.264370	.7485039

#1	1411.563	45020.75	6821.937	1235.474	1876.853
#2	1393.698	44426.52	6752.373	1220.447	1853.452
#3	1407.169	43727.56	6753.823	1204.623	1878.449

Sample Name: M3856-03 Acquired: 01/10/2022 8:52:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1493703	-.003696	2.681394	.0198318	.0018691	80.32059	1.092889
Stddev	.0061284	.005990	.004519	.0055530	.0025725	.45556	.003363
%RSD	4.102843	162.0738	.1685214	28.00027	137.6362	.5671812	.3077235

#1	.1439899	-.009504	2.679577	.0209127	.0042767	80.21128	1.089184
#2	.1560412	-.004044	2.678066	.0247648	-.000842	80.82086	1.093734
#3	.1480797	.002461	2.686538	.0138178	.002172	79.92963	1.095749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094652	.0052395	55.43797	.1463167	.0900616	.2095046	179.2924
Stddev	.0001724	.0001576	.09565	.0005560	.0001326	.0040717	.8568
%RSD	1.821815	3.008771	.1725399	.3799975	.1472725	1.943484	.4778540

#1	.0096134	.0053287	55.37476	.1461064	.0899087	.2139097	178.9901
#2	.0092759	.0050574	55.54802	.1469471	.0901318	.2087249	180.2593
#3	.0095062	.0053323	55.39113	.1458965	.0901445	.2058791	178.6278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.433240	16.39305	.1804899	-.008997	1.197269	.2464006	1.456891
Stddev	.015618	.07324	.0003098	.000062	.218300	.0005761	.053425
%RSD	.2874438	.4467537	.1716551	.6908003	18.23320	.2338055	3.667040

#1	5.430834	16.39865	.1806150	-.008963	1.369527	.2470403	1.397839
#2	5.449920	16.46333	.1801370	-.009069	1.270515	.2462386	1.501872
#3	5.418964	16.31717	.1807175	-.008959	.951765	.2459228	1.470962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.984257	.5883793	.1527300	.0104104	.3577396	49.82648	.0168573
Stddev	.127966	.0022822	.0015024	.0000800	.0006981	.32455	.0028687
%RSD	2.138373	.3878812	.9836656	.7679341	.1951545	.6513624	17.01741

#1	6.110919	.5908926	.1509989	.0104695	.3585444	50.09659	.0179853
#2	5.986826	.5878090	.1536938	.0103195	.3572960	49.91641	.0135961
#3	5.855026	.5864364	.1534972	.0104422	.3573785	49.46645	.0189906

Sample Name: M3856-03 Acquired: 01/10/2022 8:52:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7881735	.0933608	.0113536
Stddev	.0003273	.0010627	.0008162
%RSD	.0415237	1.138219	7.188797

#1	.7878071	.0925761	.0119678
#2	.7882763	.0929362	.0104274
#3	.7884370	.0945701	.0116656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.916	44778.77	6777.004	1245.522	1976.094
Stddev	3.810	175.61	42.601	5.504	2.243
%RSD	.2649414	.3921834	.6286121	.4418786	.1135147

#1	1442.315	44860.37	6745.752	1250.824	1978.641
#2	1435.674	44898.74	6759.733	1239.837	1975.227
#3	1435.760	44577.20	6825.529	1245.907	1974.414

Sample Name: M3856-04 Acquired: 01/10/2022 8:56:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1619078	-.008400	4.541754	.0295530	.0077103	94.92797	1.397020
Stddev	.0116772	.003564	.003060	.0054659	.0022018	.75467	.003027
%RSD	7.212271	42.42255	.0673685	18.49516	28.55690	.7949902	.2167116

#1	.1718718	-.004505	4.538983	.0247337	.0077787	94.13970	1.396137
#2	.1490584	-.011496	4.541240	.0354920	.0098771	95.00039	1.394532
#3	.1647932	-.009199	4.545038	.0284332	.0054751	95.64382	1.400391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113291	.0070181	69.01836	.1777841	.1092712	.2304375	231.8600
Stddev	.0001665	.0002550	.33795	.0005710	.0001340	.0066699	1.2981
%RSD	1.469933	3.633108	.4896582	.3211600	.1226542	2.894455	.5598750

#1	.0111809	.0073042	68.82122	.1784424	.1094210	.2238214	230.7046
#2	.0115093	.0069354	68.82527	.1774237	.1091626	.2303313	231.6107
#3	.0112970	.0068148	69.40859	.1774863	.1092300	.2371600	233.2647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.788476	23.15190	.2388066	-.014799	1.626808	.3013196	1.795018
Stddev	.033103	.19612	.0016552	.000356	.145056	.0029032	.038542
%RSD	.4876337	.8470871	.6931128	2.404253	8.916573	.9634872	2.147159

#1	6.756933	22.94210	.2407169	-.015025	1.625342	.3043806	1.785482
#2	6.785551	23.18299	.2379050	-.014389	1.772591	.3009727	1.762139
#3	6.822945	23.33062	.2377981	-.014983	1.482491	.2986055	1.837433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.064584	.7633684	.1918197	.0160491	.5199392	48.38813	.0235953
Stddev	.080406	.0019918	.0070591	.0005846	.0017946	.20226	.0029128
%RSD	.9970250	.2609153	3.680070	3.642310	.3451577	.4179996	12.34507

#1	7.971810	.7656651	.1898510	.0166979	.5189808	48.32034	.0233224
#2	8.114116	.7621151	.1859539	.0155633	.5188272	48.61558	.0266350
#3	8.107826	.7623250	.1996541	.0158862	.5220095	48.22847	.0208285

Sample Name: M3856-04 Acquired: 01/10/2022 8:56:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9206066	.1171789	.0124507
Stddev	.0025984	.0014927	.0009459
%RSD	.2822484	1.273908	7.597131

#1	.9191752	.1174477	.0130342
#2	.9236060	.1155700	.0129585
#3	.9190388	.1185190	.0113594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.492	45604.34	6962.459	1268.579	1956.677
Stddev	3.316	135.72	41.168	8.844	1.023
%RSD	.2264393	.2976071	.5912815	.6971215	.0522910

#1	1463.688	45499.68	7007.516	1278.503	1956.858
#2	1468.136	45757.69	6926.809	1265.700	1957.597
#3	1461.651	45555.65	6953.050	1261.534	1955.575

Sample Name: M3856-05 Acquired: 01/10/2022 9:00:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1290588	-.013097	14.55315	.0251455	.0044464	85.70017	1.488531
Stddev	.0073369	.008615	.05890	.0065364	.0005278	.09571	.004340
%RSD	5.684957	65.77548	.4047021	25.99439	11.87047	.1116825	.2915527

#1	.1368743	-.006269	14.51135	.0323888	.0038852	85.59391	1.483572
#2	.1279827	-.010247	14.52759	.0196867	.0049328	85.77962	1.490390
#3	.1223193	-.022776	14.62051	.0233609	.0045214	85.72698	1.491632

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118754	.0048754	45.10647	.1601638	.0738242	.1537055	213.3991
Stddev	.0001548	.0000533	.14059	.0009830	.0007700	.0025053	.3699
%RSD	1.303288	1.093886	.3116908	.6137458	1.043008	1.629956	.1733170

#1	.0118868	.0048152	44.95311	.1609795	.0729351	.1521953	213.0529
#2	.0120241	.0049168	45.22926	.1604396	.0742664	.1523238	213.7888
#3	.0117152	.0048943	45.13704	.1590724	.0742711	.1565975	213.3557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.436180	14.48208	.1757155	-.015321	1.672822	.4072365	2.065965
Stddev	.014295	.02651	.0005509	.000180	.271358	.0006147	.059205
%RSD	.3222401	.1830289	.3135216	1.172054	16.22155	.1509342	2.865740

#1	4.419746	14.45291	.1757302	-.015243	1.656905	.4066191	2.088923
#2	4.443056	14.50470	.1751574	-.015194	1.951788	.4072419	1.998720
#3	4.445737	14.48863	.1762590	-.015527	1.409773	.4078484	2.110254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.086825	.5344064	.2446726	.0271929	.5955583	49.03948	.0067800
Stddev	.013583	.0028267	.0026419	.0005169	.0043935	.15346	.0013640
%RSD	.1916691	.5289423	1.079776	1.901026	.7377180	.3129300	20.11714

#1	7.072721	.5358684	.2454983	.0271453	.5994894	49.00062	.0066642
#2	7.087934	.5311481	.2468031	.0267014	.5908155	49.20864	.0081982
#3	7.099820	.5362027	.2417165	.0277320	.5963699	48.90920	.0054777

Sample Name: M3856-05 Acquired: 01/10/2022 9:00:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9752099	.0911907	.0105196
Stddev	.0028053	.0013139	.0009866
%RSD	.2876624	1.440869	9.378227

#1	.9776015	.0899691	.0114383
#2	.9721220	.0910222	.0094769
#3	.9759062	.0925807	.0106434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1441.222	44962.97	6798.693	1250.855	1987.646
Stddev	2.263	301.70	13.446	5.397	4.416
%RSD	.1570171	.6709948	.1977806	.4314763	.2221683

#1	1441.206	44841.89	6784.490	1245.715	1990.809
#2	1443.494	45306.40	6800.364	1256.477	1989.528
#3	1438.968	44740.61	6811.227	1250.374	1982.601

Sample Name: M3856-06 Acquired: 01/10/2022 9:04:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1326856	-.011761	14.80533	.0312356	.0040216	87.72142	1.554340
Stddev	.0071475	.006082	.00305	.0035768	.0032562	1.15968	.032441
%RSD	5.386777	51.71032	.0206033	11.45112	80.96690	1.322007	2.087126

#1	.1302667	-.012162	14.80659	.0273024	.0005659	88.24937	1.574294
#2	.1407287	-.017632	14.80755	.0321106	.0044664	88.52319	1.571817
#3	.1270615	-.005489	14.80185	.0342937	.0070325	86.39170	1.516907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121686	.0052396	48.70318	.1658751	.0810984	.1573401	220.4249
Stddev	.0001676	.0001686	.83716	.0017160	.0003981	.0034276	2.8701
%RSD	1.377023	3.217424	1.718911	1.034491	.4909065	2.178471	1.302071

#1	.0120540	.0050449	49.19928	.1675086	.0815414	.1576079	221.7069
#2	.0120910	.0053391	49.17365	.1640871	.0809834	.1606259	222.4306
#3	.0123609	.0053347	47.73662	.1660294	.0807705	.1537864	217.1372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923078	14.75513	.1798964	-.016418	1.791943	.4019639	2.118054
Stddev	.073827	.25091	.0005995	.000186	.086353	.0084119	.019825
%RSD	1.499607	1.700487	.3332350	1.131949	4.818942	2.092691	.9360066

#1	4.967752	14.72804	.1794459	-.016631	1.839071	.4021050	2.097310
#2	4.963619	15.01848	.1805768	-.016334	1.692281	.4103043	2.136811
#3	4.837864	14.51886	.1796666	-.016290	1.844478	.3934824	2.120040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.167607	.5532822	.2512700	.0282449	.5514377	48.53789	.0034836
Stddev	.206169	.0016768	.0039535	.0004606	.0010111	.30204	.0014961
%RSD	2.876393	.3030714	1.573392	1.630812	.1833517	.6222761	42.94801

#1	7.151048	.5543729	.2538034	.0278253	.5507799	48.24951	.0041737
#2	7.381555	.5513514	.2532920	.0281716	.5509312	48.85195	.0017670
#3	6.970217	.5541224	.2467145	.0287377	.5526019	48.51221	.0045101

Sample Name: M3856-06 Acquired: 01/10/2022 9:04:26 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXR3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.031781	.0948660	.0095873
Stddev	.021794	.0011049	.0014276
%RSD	2.112305	1.164741	14.89023

#1	1.045057	.0955566	.0104072
#2	1.043657	.0954498	.0104159
#3	1.006628	.0935916	.0079389

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.005	45100.75	6932.580	1251.118	1986.280
Stddev	1.986	451.94	78.454	17.872	2.967
%RSD	.1370672	1.002064	1.131666	1.428517	.1493651

#1	1449.249	44685.15	6950.758	1242.949	1986.431
#2	1446.909	45035.22	6846.633	1238.790	1983.241
#3	1450.858	45581.87	7000.349	1271.615	1989.169

Sample Name: M3856-05LX5 Acquired: 01/10/2022 9:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320122	-.003477	2.872367	.0011124	-.001241	18.63651	.3206348
Stddev	.0086706	.005203	.009635	.0040727	.000830	.10397	.0006495
%RSD	27.08537	149.6164	.3354294	366.1259	66.87529	.5578569	.2025745

#1	.0328999	-.009130	2.875555	.0014524	-.000305	18.64685	.3202280
#2	.0402048	.001111	2.880004	-.003120	-.001888	18.52776	.3202924
#3	.0229319	-.002414	2.861542	.005004	-.001530	18.73491	.3213839

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025389	.0007861	9.814718	.0354838	.0137677	.0426636	47.34967
Stddev	.0001435	.0000378	.059662	.0006293	.0000768	.0043193	.31397
%RSD	5.651532	4.803012	.6078875	1.773507	.5577784	10.12406	.6630911

#1	.0026601	.0008285	9.777655	.0348774	.0137098	.0408605	47.24877
#2	.0023805	.0007736	9.782956	.0361337	.0137384	.0395381	47.09856
#3	.0025760	.0007562	9.883542	.0354401	.0138548	.0475923	47.70169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9749394	3.163085	.0378760	-.002921	.2331282	.0912594	.4583205
Stddev	.0019385	.028553	.0002868	.000189	.2590068	.0049008	.0122643
%RSD	.1988345	.9026988	.7573052	6.457004	111.1006	5.370150	2.675911

#1	.9760183	3.130175	.0375448	-.002971	-.007042	.0927634	.4716620
#2	.9727015	3.181264	.0380430	-.002713	.507561	.0857829	.4557625
#3	.9760985	3.177816	.0380403	-.003080	.198866	.0952319	.4475369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.108458	.0982335	.0527918	.0058248	.1099316	10.66148	-.016001
Stddev	.028558	.0007010	.0021066	.0004192	.0007779	.06915	.001309
%RSD	2.576333	.7136154	3.990411	7.197164	.7076242	.6486402	8.181575

#1	1.087452	.0983624	.0549357	.0059917	.1105870	10.63551	-.015773
#2	1.096947	.0988611	.0507245	.0053479	.1101358	10.60908	-.017409
#3	1.140974	.0974770	.0527153	.0061350	.1090719	10.73987	-.014821

Sample Name: M3856-05LX5 Acquired: 01/10/2022 9:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2113607	.0150524	.0010632
Stddev	.0032733	.0019756	.0002215
%RSD	1.548682	13.12476	20.83512

#1	.2128786	.0165984	.0010095
#2	.2135996	.0128267	.0013066
#3	.2076041	.0157320	.0008734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.861	42230.93	6253.292	1185.226	2112.274
Stddev	6.220	56.30	26.860	9.851	7.943
%RSD	.4550599	.1333161	.4295411	.8311272	.3760527

#1	1362.773	42201.66	6245.037	1178.518	2107.312
#2	1363.792	42195.29	6283.312	1196.536	2108.074
#3	1374.019	42295.83	6231.529	1180.625	2121.435

Sample Name: M3856-07 Acquired: 01/10/2022 9:12:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2344659	.0688989	16.32283	.1125595	.0293834	93.57098	5.588091
Stddev	.0159876	.0052717	.01691	.0034772	.0040084	.30540	.004068
%RSD	6.818734	7.651288	.1035915	3.089226	13.64174	.3263812	.0727972

#1	.2389546	.0645661	16.34213	.1089247	.0332617	93.26384	5.586799
#2	.2167138	.0747681	16.31576	.1128997	.0296320	93.57448	5.584826
#3	.2477295	.0673626	16.31061	.1158541	.0252565	93.87461	5.592648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134202	.1113515	48.70985	.5771269	1.110684	.6123667	254.8325
Stddev	.0008240	.0001973	.14802	.0016681	.002225	.0011619	.9998
%RSD	.7264640	.1771389	.3038900	.2890417	.2003378	.1897434	.3923182

#1	.1130909	.1115158	48.57896	.5755268	1.113182	.6112062	253.8041
#2	.1128119	.1111328	48.68012	.5769983	1.108914	.6135301	254.8923
#3	.1143579	.1114061	48.87049	.5788556	1.109957	.6123639	255.8010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.863783	16.02098	1.276153	.0724941	1.580577	1.327917	3.394330
Stddev	.012223	.06439	.001738	.0002998	.098563	.005535	.029873
%RSD	.1780851	.4019097	.1362070	.4135072	6.235872	.4168007	.8800918

#1	6.850703	15.95971	1.275352	.0722898	1.489500	1.326230	3.406952
#2	6.865732	16.01514	1.274960	.0728382	1.567010	1.334099	3.415821
#3	6.874915	16.08809	1.278148	.0723543	1.685220	1.323422	3.360218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.593226	.5808149	.2192304	.0235997	.4660183	46.10061	.0141876
Stddev	.066346	.0006989	.0024432	.0003068	.0007184	.26884	.0010388
%RSD	1.006279	.1203378	1.114446	1.299857	.1541559	.5831574	7.321620

#1	6.580650	.5801124	.2199524	.0232661	.4665284	45.98042	.0149649
#2	6.534068	.5815102	.2165075	.0238696	.4651967	45.91284	.0130078
#3	6.664960	.5808220	.2212312	.0236636	.4663296	46.40858	.0145899

Sample Name: M3856-07 Acquired: 01/10/2022 9:12:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9572472	.0959183	-.003437
Stddev	.0025460	.0021047	.001593
%RSD	.2659668	2.194224	46.35648

#1	.9588106	.0983347	-.001888
#2	.9586217	.0949341	-.003352
#3	.9543095	.0944860	-.005071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.548	45779.45	6939.675	1271.099	1968.031
Stddev	4.045	400.33	22.238	23.235	5.071
%RSD	.2800483	.8744834	.3204513	1.827961	.2576614

#1	1443.294	45566.36	6916.991	1254.073	1965.337
#2	1449.072	45530.73	6940.596	1261.656	1973.880
#3	1441.279	46241.26	6961.439	1297.569	1964.876

Sample Name: CCV068 Acquired: 01/10/2022 9:16:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068858	4.863894	24.83887	4.853341	5.034366	396.1624
Stddev	.021754	.014096	.06255	.020177	.016044	1.0794
%RSD	.4291746	.2898087	.2518236	.4157310	.3186929	.2724682

#1	5.066019	4.868113	24.81473	4.870065	5.022640	395.2109
#2	5.048662	4.848170	24.79198	4.830931	5.027808	397.3354
#3	5.091892	4.875399	24.90989	4.859028	5.052651	395.9409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10907	.5186532	2.494780	389.6345	15.20386	2.466393
Stddev	.01599	.0050729	.003093	1.1277	.01582	.006362
%RSD	.1581492	.9780872	.1239928	.2894191	.1040407	.2579663

#1	10.10034	.5230158	2.494811	389.5081	15.18941	2.469478
#2	10.09936	.5130867	2.491671	388.5753	15.20140	2.459077
#3	10.12753	.5198573	2.497857	390.8200	15.22076	2.470626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45219	385.8572	14.23600	379.0824	2.572503	1.216499
Stddev	.06984	.3184	.02822	.8593	.007021	.005597
%RSD	.4832769	.0825282	.1982419	.2266771	.2729397	.4601214

#1	14.41398	385.6041	14.24938	378.6706	2.565898	1.212031
#2	14.53280	385.7528	14.20357	378.5064	2.571732	1.222777
#3	14.40978	386.2148	14.25504	380.0701	2.579877	1.214688

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.5773	2.433567	15.34327	149.4994	F 5.987233	5.120950
Stddev	.8853	.016035	.22922	.5066	.004563	.038062
%RSD	.2272458	.6589237	1.493970	.3388475	.0762059	.7432680

#1	389.4145	2.427458	15.08485	149.5962	5.986850	5.152235
#2	388.7848	2.421483	15.42291	149.9506	5.982874	5.078574
#3	390.5327	2.451759	15.52205	148.9514	5.991975	5.132040

Sample Name: CCV068 Acquired: 01/10/2022 9:16:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876201	5.267543	5.003655	5.150338	4.879508	5.039791
Stddev	.013541	.011486	.036583	.008345	.028634	.018502
%RSD	.2776962	.2180611	.7311267	.1620215	.5868124	.3671165
#1	4.865571	5.257804	5.034722	5.154219	4.906832	5.048040
#2	4.871586	5.280210	4.963333	5.140759	4.849724	5.018599
#3	4.891447	5.264615	5.012908	5.156035	4.881968	5.052733

Elem	Sr4077
Units	ppm
Avg	4.721636
Stddev	.016269
%RSD	.3445634
#1	4.740341
#2	4.713794
#3	4.710774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1090.948	37076.40	5818.233	975.8074	1555.523
Stddev	4.632	256.30	22.016	5.6763	5.133
%RSD	.4245466	.6912645	.3783922	.5816991	.3299781
#1	1094.802	37218.36	5793.275	982.2962	1559.257
#2	1092.232	36780.53	5834.898	971.7621	1557.641
#3	1085.810	37230.30	5826.525	973.3639	1549.670

Sample Name: CCB068 Acquired: 01/10/2022 9:24:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083102	-.001058	.0006620	.0052969	-.000165	.0128773	-.000080
Stddev	.0131063	.004677	.0014327	.0051210	.002380	.0106959	.000562
%RSD	157.7138	442.2140	216.4180	96.67861	1441.102	83.05999	700.0739

#1	.0222989	.001864	.0023128	-.000486	.000898	.0096654	-.000282
#2	-.003685	-.006452	-.000068	.009257	-.002891	.0041554	.000554
#3	.006317	.001415	-.000258	.007120	.001498	.0248112	-.000514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0001504	.0135646	.0005049	-.000318	.0048473	-.007630
Stddev	.000063	.0000621	.0136877	.0003009	.000239	.0025411	.012059
%RSD	892.2259	41.29288	100.9080	59.59556	75.26763	52.42362	158.0500

#1	-.000076	.0002187	.0254566	.0006737	-.000472	.0029841	-.016339
#2	.000006	.0000973	-.001397	.0001575	-.000042	.0077420	.006134
#3	.000049	.0001353	.016635	.0006834	-.000439	.0038159	-.012686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	.0411918	-.000021	.0008453	-.393153	-.002654	.0141480
Stddev	.000227	.0064176	.000714	.0003942	.250451	.002805	.0053710
%RSD	139.9527	15.57985	3387.513	46.62980	63.70320	105.6737	37.96332

#1	-.000417	.0386193	.000355	.0003909	-.615293	-.000725	.0093119
#2	.000021	.0364595	.000427	.0010510	-.121721	-.001366	.0132034
#3	-.000091	.0484965	-.000845	.0010941	-.442444	-.005872	.0199287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3127194	-.000982	.0011179	.0004081	.0000579	.0022569	.0029816
Stddev	.0372583	.000306	.0017025	.0001589	.0001247	.0018855	.0027187
%RSD	11.91430	31.18090	152.3015	38.94771	215.1382	83.54308	91.18239

#1	.3350504	-.001250	-.000745	.0004300	-.000052	.0008542	.0020038
#2	.3334001	-.000648	.001507	.0002394	.000032	.0044003	.0008871
#3	.2697078	-.001048	.002592	.0005550	.000194	.0015164	.0060540

Sample Name: CCB068 Acquired: 01/10/2022 9:24:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022570	-.001215	-.000115
Stddev	.0012369	.000504	.000126
%RSD	54.80516	41.49785	109.2124

#1	.0030859	-.000635	.000029
#2	.0008352	-.001552	-.000172
#3	.0028499	-.001458	-.000202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.157	40935.65	6017.608	1137.570	2090.174
Stddev	1.592	261.40	21.321	6.881	.832
%RSD	.1213280	.6385613	.3543034	.6048635	.0397836

#1	1312.002	41197.30	6042.150	1144.523	2089.639
#2	1313.821	40674.50	6003.650	1137.425	2091.132
#3	1310.648	40935.15	6007.025	1130.764	2089.752

Sample Name: M3856-08 Acquired: 01/10/2022 9:28:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239733	-.007764	3.736206	.0267706	.0043197	86.06081	1.362979
Stddev	.0097322	.003449	.014612	.0049307	.0010736	.14855	.003617
%RSD	7.850215	44.42267	.3911030	18.41832	24.85430	.1726146	.2653804

#1	.1193642	-.009929	3.721265	.0322910	.0048974	85.94019	1.363223
#2	.1351538	-.003787	3.750467	.0228038	.0030809	86.01550	1.366468
#3	.1174019	-.009576	3.736886	.0252169	.0049807	86.22675	1.359246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106825	.0005794	29.96323	.1377818	.0842713	.1212065	223.1493
Stddev	.0001894	.0001847	.01522	.0005475	.0007464	.0019855	.7281
%RSD	1.773028	31.87393	.0507850	.3973500	.8856749	1.638106	.3262750

#1	.0104818	.0003804	29.95111	.1377532	.0835424	.1231652	222.9469
#2	.0107077	.0006125	29.98031	.1372492	.0850340	.1191953	222.5438
#3	.0108581	.0007453	29.95828	.1383430	.0842376	.1212589	223.9571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.675509	12.95364	.1379239	-.016464	1.082640	.3033618	1.083099
Stddev	.020699	.05195	.0008793	.000149	.198542	.0022574	.014807
%RSD	.2696819	.4010321	.6375545	.9048395	18.33865	.7441158	1.367136

#1	7.685707	12.95261	.1379007	-.016614	1.236239	.3007785	1.068813
#2	7.651690	12.90221	.1388146	-.016461	.858449	.3043526	1.098378
#3	7.689132	13.00609	.1370564	-.016317	1.153232	.3049543	1.082105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.529006	.4383571	.1630214	.0201378	.1871779	51.92705	-.010033
Stddev	.047041	.0032388	.0042724	.0002067	.0009529	.75878	.000608
%RSD	.8508006	.7388455	2.620766	1.026261	.5090725	1.461236	6.060544

#1	5.545999	.4369815	.1667395	.0203719	.1866916	51.38805	-.010559
#2	5.475831	.4420566	.1583543	.0200611	.1882758	51.59834	-.010174
#3	5.565190	.4360331	.1639705	.0199805	.1865662	52.79475	-.009368

Sample Name: M3856-08 Acquired: 01/10/2022 9:28:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXR4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5476107	.0969859	-.066233
Stddev	.0030681	.0002758	.000677
%RSD	.5602699	.2843867	1.021981

#1	.5475444	.0966836	-.066010
#2	.5445763	.0972238	-.065696
#3	.5507114	.0970503	-.066993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.695	45970.52	6801.767	1287.592	1996.403
Stddev	6.241	350.49	56.339	13.474	10.525
%RSD	.4305096	.7624289	.8283042	1.046459	.5271821

#1	1454.215	46020.07	6850.930	1277.711	2002.530
#2	1442.574	45597.89	6814.082	1282.124	1984.250
#3	1452.295	46293.60	6740.289	1302.940	2002.429

Sample Name: M3856-09 Acquired: 01/10/2022 9:32:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710466	.0017228	2.705068	.0217155	.0071425	81.97358
Stddev	.0312219	.0046918	.008043	.0020754	.0023318	.25710
%RSD	18.25342	272.3415	.2973376	9.557199	32.64761	.3136408

#1	.1404731	-.003613	2.700277	.0218697	.0044909	82.16281
#2	.1697880	.005201	2.714354	.0195673	.0088736	82.07706
#3	.2028787	.003581	2.700574	.0237095	.0080630	81.68086

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.468776	.0119689	.0131371	F 922.3258	.1652842	.0964655
Stddev	.003715	.0001910	.0002622	7.2809	.0009722	.0003950
%RSD	.2529436	1.595489	1.996087	.7894013	.5881971	.4094374

#1	1.472224	.0121718	.0131217	926.8948	.1664044	.0960895
#2	1.469261	.0117926	.0128828	926.1531	.1646604	.0968770
#3	1.464841	.0119425	.0134066	913.9295	.1647878	.0964300

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2757472	201.0753	4.573662	45.64117	.2319794	-.004794
Stddev	.0067139	.5803	.012761	.08706	.0007590	.000106
%RSD	2.434813	.2885751	.2790039	.1907565	.3271797	2.209176

#1	.2790390	201.4657	4.587868	45.67211	.2312937	-.004913
#2	.2801799	201.3516	4.569946	45.70853	.2327949	-.004760
#3	.2680227	200.4085	4.563171	45.54286	.2318497	-.004709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.023211	.2733975	3.240294	9.774872	1.336046	.2371917
Stddev	.143038	.0046220	.058121	.048477	.005317	.0005164
%RSD	7.069838	1.690597	1.793687	.4959318	.3979310	.2177292

#1	2.133592	.2755604	3.277655	9.828303	1.331206	.2374462
#2	1.861616	.2765415	3.269895	9.733705	1.335196	.2365974
#3	2.074423	.2680905	3.173332	9.762608	1.341736	.2375315

Sample Name: M3856-09 Acquired: 01/10/2022 9:32:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231621	.7633574	49.26064	.0893014	.9658589	.1165488
Stddev	.0007473	.0039366	.35930	.0025643	.0051537	.0003547
%RSD	3.226562	.5157026	.7293781	2.871482	.5335852	.3043317

#1	.0224591	.7591641	49.58480	.0880432	.9717498	.1165204
#2	.0239470	.7639343	48.87432	.0922518	.9636437	.1162091
#3	.0230803	.7669737	49.32281	.0876093	.9621831	.1169168

Elem	Sr4077
Units	ppm
Avg	1.441897
Stddev	.001335
%RSD	.0925756

#1	1.443367
#2	1.440761
#3	1.441561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.873	42939.59	6582.125	1168.360	1698.539
Stddev	1.199	462.04	39.659	16.252	4.319
%RSD	.0910059	1.076019	.6025306	1.391015	.2542583

#1	1318.821	42648.05	6536.360	1158.785	1703.019
#2	1318.273	42698.41	6606.433	1159.170	1698.195
#3	1316.525	43472.31	6603.581	1187.125	1694.402

Sample Name: M3856-10 Acquired: 01/10/2022 9:36:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554215	-.005019	7.936280	.0204085	.0101162	89.67479	2.065178
Stddev	.0111809	.007750	.024919	.0046320	.0054197	.30759	.008900
%RSD	7.193903	154.3956	.3139944	22.69652	53.57403	.3430050	.4309476

#1	.1427968	.003512	7.935541	.0238629	.0081547	89.73475	2.055165
#2	.1640735	-.011624	7.911738	.0222177	.0162436	89.34164	2.068179
#3	.1593944	-.006947	7.961561	.0151449	.0059505	89.94799	2.072189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186639	.0144352	509.5088	.1544544	.0840834	.2280210	268.5580
Stddev	.0001774	.0000447	1.6411	.0007393	.0006298	.0022001	.9340
%RSD	.9503623	.3096781	.3221006	.4786270	.7490607	.9648610	.3477717

#1	.0184592	.0144824	508.1784	.1545097	.0833822	.2289775	268.3634
#2	.0187738	.0144297	509.0053	.1551645	.0842668	.2255045	267.7367
#3	.0187585	.0143935	511.3427	.1536891	.0846012	.2295809	269.5740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.685758	22.11680	.1907722	-.018894	2.337359	.4619936	2.824198
Stddev	.012582	.09416	.0019179	.000239	.130088	.0013648	.029107
%RSD	.3413546	.4257414	1.005341	1.264165	5.565609	.2954061	1.030644

#1	3.683324	22.11279	.1899157	-.018696	2.438180	.4632194	2.796605
#2	3.674571	22.02471	.1894317	-.019159	2.190516	.4622383	2.821376
#3	3.699379	22.21291	.1929691	-.018827	2.383382	.4605230	2.854614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29556	1.231999	.3817899	.0453247	1.164553	47.14842	.1048212
Stddev	.04151	.007623	.0030048	.0011074	.004812	.56486	.0030526
%RSD	.3674747	.6187821	.7870303	2.443280	.4132211	1.198043	2.912205

#1	11.27617	1.224365	.3783359	.0463043	1.166911	46.49981	.1014638
#2	11.26730	1.232020	.3838024	.0441231	1.159016	47.41314	.1074296
#3	11.34322	1.239612	.3832313	.0455468	1.167730	47.53229	.1055701

Sample Name: M3856-10 Acquired: 01/10/2022 9:36:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.578096	.1030195	.8880027
Stddev	.020116	.0008457	.0067448
%RSD	1.274704	.8208845	.7595449

#1	1.555557	.1039627	.8811283
#2	1.594227	.1023288	.8946099
#3	1.584504	.1027671	.8882698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.445	43919.30	6773.042	1194.687	1795.403
Stddev	5.936	429.91	28.354	5.464	7.386
%RSD	.4353727	.9788648	.4186331	.4573344	.4113968

#1	1359.360	43435.76	6804.661	1188.386	1791.801
#2	1370.254	44258.37	6764.588	1197.564	1803.899
#3	1360.721	44063.77	6749.875	1198.112	1790.509

Sample Name: M3856-11 Acquired: 01/10/2022 9:41:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374024	-.009887	1.505136	.0290463	.0036630	102.4505	1.154800
Stddev	.0077341	.005954	.008528	.0039063	.0039555	1.1564	.006458
%RSD	5.628810	60.21720	.5665973	13.44863	107.9865	1.128709	.5592723

#1	.1329583	-.006989	1.495323	.0268833	.0002710	101.8911	1.147372
#2	.1329159	-.016735	1.509333	.0266999	.0027100	101.6803	1.159083
#3	.1463329	-.005938	1.510753	.0335557	.0080080	103.7802	1.157947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143795	.0015371	83.17686	.1911846	.0804220	.2841927	252.3229
Stddev	.0003567	.0002097	.53434	.0007245	.0002325	.0047078	2.7256
%RSD	2.480489	13.64463	.6424165	.3789549	.2890881	1.656565	1.080195

#1	.0143737	.0016966	82.66849	.1914842	.0801545	.2802908	250.4281
#2	.0140257	.0016152	83.12825	.1903583	.0805353	.2828656	251.0940
#3	.0147390	.0012996	83.73385	.1917112	.0805760	.2894216	255.4465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.817948	17.01549	.1947133	-.014971	2.605887	.4664571	2.290093
Stddev	.026516	.15260	.0004089	.000185	.260907	.0053162	.034205
%RSD	.9409677	.8968412	.2099989	1.238633	10.01223	1.139707	1.493615

#1	2.795386	16.89729	.1951447	-.014760	2.597980	.4609801	2.268249
#2	2.811303	16.96143	.1943314	-.015049	2.349023	.4667948	2.329513
#3	2.847154	17.18777	.1946638	-.015106	2.870658	.4715966	2.272518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.832524	1.815430	.3178134	.0509181	1.217877	51.42352	.3443909
Stddev	.193213	.000750	.0041680	.0007851	.005043	.85967	.0032766
%RSD	1.965043	.0412861	1.311457	1.541815	.4141162	1.671749	.9514156

#1	9.867441	1.814718	.3156756	.0515001	1.213476	51.44754	.3410981
#2	9.624233	1.815359	.3151481	.0500252	1.216774	50.55209	.3444234
#3	10.00590	1.816212	.3226165	.0512290	1.223380	52.27093	.3476511

Sample Name: M3856-11 Acquired: 01/10/2022 9:41:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.206060	.1137862	-.000125
Stddev	.004600	.0024648	.002525
%RSD	.3813705	2.166172	2023.269

#1	1.203878	.1110802	.001573
#2	1.211344	.1143752	.001078
#3	1.202957	.1159030	-.003026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.305	44772.33	6721.396	1259.342	1965.704
Stddev	5.591	220.86	62.808	12.524	5.515
%RSD	.3964682	.4932863	.9344441	.9945209	.2805844

#1	1416.446	44734.90	6727.872	1262.582	1971.302
#2	1408.961	44572.59	6780.714	1245.516	1965.533
#3	1405.508	45009.52	6655.600	1269.928	1960.275

Sample Name: M3856-12 Acquired: 01/10/2022 9:45:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1570189	-.003341	1.537971	.0337486	.0041446	102.6211	1.306734
Stddev	.0099195	.004355	.000683	.0141703	.0038023	1.4810	.007303
%RSD	6.317408	130.3263	.0444153	41.98792	91.74103	1.443171	.5588640

#1	.1634545	-.006180	1.537884	.0256999	.0020926	100.9955	1.299031
#2	.1455954	-.005517	1.538693	.0254355	.0018092	103.8937	1.307615
#3	.1620070	.001672	1.537336	.0501103	.0085321	102.9739	1.313556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138591	.0077513	126.6437	.2253747	.1608208	.5978774	250.9055
Stddev	.0000860	.0002109	1.0494	.0008591	.0007344	.0067620	3.3499
%RSD	.6204135	2.721016	.8285930	.3811879	.4566320	1.131007	1.335136

#1	.0138976	.0079855	125.4374	.2258404	.1616379	.5923486	247.0567
#2	.0137606	.0076921	127.1472	.2243833	.1606083	.6054167	253.1647
#3	.0139190	.0075763	127.3463	.2259004	.1602161	.5958670	252.4951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.667293	26.23978	.3425386	-.008085	1.927622	.2874450	2.324286
Stddev	.087698	.44219	.0008852	.000360	.147842	.0076863	.054464
%RSD	1.143789	1.685171	.2584085	4.453073	7.669646	2.673992	2.343278

#1	7.566244	25.73890	.3420994	-.008495	2.070357	.2786621	2.326139
#2	7.723533	26.57606	.3419589	-.007941	1.937354	.2929424	2.377800
#3	7.712102	26.40437	.3435575	-.007819	1.775155	.2907307	2.268918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64146	1.093867	.2117184	.0162077	.4208943	49.85482	.0932617
Stddev	.20624	.002352	.0099674	.0004379	.0016107	.36957	.0020001
%RSD	1.938082	.2150339	4.707841	2.702013	.3826911	.7412966	2.144644

#1	10.41371	1.091490	.2033026	.0162381	.4204828	49.87098	.0935899
#2	10.81559	1.093917	.2227255	.0157554	.4195293	49.47744	.0911178
#3	10.69510	1.096193	.2091272	.0166296	.4226709	50.21605	.0950775

Sample Name: M3856-12 Acquired: 01/10/2022 9:45:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8805216	.1243953	.2311601
Stddev	.0067291	.0027828	.0031077
%RSD	.7642233	2.237100	1.344380

#1	.8811797	.1245588	.2341573
#2	.8734875	.1215343	.2279527
#3	.8868975	.1270928	.2313704

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.853	46799.79	7009.739	1297.352	1917.882
Stddev	1.389	199.83	11.442	14.547	3.153
%RSD	.0951547	.4269890	.1632355	1.121297	.1644193

#1	1460.088	46915.28	7022.927	1300.355	1918.520
#2	1458.361	46569.05	7003.845	1281.537	1920.667
#3	1461.109	46915.04	7002.445	1310.163	1914.458

Sample Name: M3856-13 Acquired: 01/10/2022 9:49:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860951	-.001569	1.056617	.0360346	.0001217	87.03722	1.021437
Stddev	.0174304	.007586	.001842	.0056256	.0019493	.43264	.002712
%RSD	9.366388	483.3892	.1743468	15.61164	1602.404	.4970769	.2655050

#1	.1802586	-.010307	1.056656	.0357007	.0005574	86.54514	1.021818
#2	.1723320	.002254	1.058440	.0305834	.0018162	87.35792	1.018554
#3	.2056948	.003345	1.054756	.0418197	-.002009	87.20859	1.023938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104030	.0040084	124.5527	.1875210	.1213564	.2926291	233.9213
Stddev	.0000932	.0002510	.5689	.0008867	.0003180	.0009091	1.3727
%RSD	.8957167	6.261021	.4567335	.4728667	.2620730	.3106829	.5868140

#1	.0104744	.0042779	124.0000	.1883554	.1216587	.2935806	232.3810
#2	.0102976	.0037813	124.5216	.1876177	.1210246	.2917692	235.0152
#3	.0104370	.0039662	125.1364	.1865899	.1213860	.2925375	234.3677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.685497	43.03797	.2741841	-.009601	1.770616	.2361575	1.814413
Stddev	.022759	.25224	.0007536	.000205	.067483	.0054504	.033736
%RSD	.4003060	.5860774	.2748675	2.138376	3.811262	2.307941	1.859331

#1	5.661693	42.74724	.2747823	-.009799	1.736477	.2312658	1.823185
#2	5.687754	43.19860	.2744324	-.009389	1.727023	.2351742	1.842897
#3	5.707043	43.16806	.2733377	-.009615	1.848347	.2420327	1.777158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22341	.8382027	.1535596	.0173169	.4076556	49.61119	.0727151
Stddev	.04006	.0073794	.0017613	.0004294	.0030982	.38361	.0014474
%RSD	.3918145	.8803824	1.146992	2.479637	.7600151	.7732296	1.990566

#1	10.17859	.8369915	.1546217	.0168939	.4061885	49.64070	.0724062
#2	10.25572	.8315039	.1545306	.0173043	.4055634	49.21368	.0742921
#3	10.23593	.8461128	.1515265	.0177524	.4112149	49.97920	.0714471

Sample Name: M3856-13 Acquired: 01/10/2022 9:49:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7088065	.1207223	.0772636
Stddev	.0043005	.0011357	.0017203
%RSD	.6067286	.9407119	2.226558

#1	.7132913	.1218167	.0791618
#2	.7047176	.1195495	.0758075
#3	.7084104	.1208008	.0768213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.825	45588.22	6835.373	1261.617	1905.469
Stddev	3.410	382.44	10.530	15.950	5.891
%RSD	.2391595	.8389062	.1540570	1.264219	.3091554

#1	1428.715	45892.77	6846.987	1261.688	1904.551
#2	1426.695	45159.00	6826.447	1245.632	1911.765
#3	1422.064	45712.88	6832.684	1277.531	1900.091

Sample Name: M3856-14 Acquired: 01/10/2022 9:53:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345831	-.011214	.7441469	.0327915	.0054859	90.30384	1.084787
Stddev	.0050675	.004750	.0030741	.0086850	.0045853	.55258	.014708
%RSD	3.765347	42.36156	.4131067	26.48563	83.58443	.6119106	1.355872

#1	.1402053	-.011720	.7471881	.0244451	.0082296	89.66840	1.067808
#2	.1303676	-.006231	.7410409	.0417796	.0001924	90.57144	1.093626
#3	.1331763	-.015691	.7442118	.0321499	.0080356	90.67167	1.092927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108081	.0012175	157.7274	.1637604	.1140083	.2001177	220.6002
Stddev	.0001361	.0001834	1.3984	.0028405	.0006555	.0052405	1.0216
%RSD	1.259512	15.05963	.8866113	1.734557	.5749786	2.618709	.4630853

#1	.0109623	.0014197	156.1248	.1667199	.1136698	.1940977	219.4278
#2	.0107045	.0010621	158.7003	.1635052	.1147639	.2025962	221.2996
#3	.0107575	.0011706	158.3571	.1610561	.1135912	.2036591	221.0731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.248497	29.04315	.2308256	-.014767	1.682977	.2677138	1.080171
Stddev	.040510	.04648	.0002754	.000160	.175353	.0061787	.034688
%RSD	.6483149	.1600467	.1193047	1.084941	10.41923	2.307945	3.211334

#1	6.203068	28.99324	.2308757	-.014597	1.881387	.2637895	1.068936
#2	6.280868	29.08521	.2305286	-.014789	1.618758	.2645159	1.052494
#3	6.261553	29.05101	.2310725	-.014915	1.548787	.2748360	1.119084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.782758	.8022229	.1764843	.0162412	.3608624	47.66854	.0431185
Stddev	.138790	.0047431	.0078396	.0003344	.0018910	.57544	.0018651
%RSD	1.418721	.5912389	4.442081	2.058891	.5240257	1.207162	4.325558

#1	9.907740	.8036111	.1675480	.0158983	.3622791	48.31803	.0440226
#2	9.633392	.7969407	.1822038	.0162588	.3587151	47.46525	.0409737
#3	9.807142	.8061171	.1797011	.0165664	.3615930	47.22235	.0443593

Sample Name: M3856-14 Acquired: 01/10/2022 9:53:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.011359	.1158793	.1942241
Stddev	.017864	.0026209	.0036506
%RSD	1.766343	2.261732	1.879590

#1	.992310	.1131006	.1904750
#2	1.027737	.1183069	.1977675
#3	1.014031	.1162304	.1944298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.531	45809.80	6933.513	1267.211	1896.454
Stddev	4.053	168.58	9.540	18.347	3.967
%RSD	.2813272	.3679972	.1375918	1.447820	.2091899

#1	1444.348	46000.40	6935.963	1288.345	1900.993
#2	1440.966	45680.25	6941.589	1257.921	1893.650
#3	1436.278	45748.75	6922.987	1255.366	1894.719

Sample Name: M3856-15 Acquired: 01/10/2022 9:57:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774831	.0025723	3.441224	.0318500	.0071808	94.00221	1.715807
Stddev	.0120881	.0066323	.019780	.0130875	.0030644	.79897	.002800
%RSD	6.810859	257.8350	.5747983	41.09096	42.67441	.8499453	.1632051

#1	.1911682	-.005084	3.423153	.0252554	.0041182	93.64521	1.712602
#2	.1682612	.006544	3.462356	.0469229	.0102469	93.44398	1.717040
#3	.1730200	.006257	3.438164	.0233717	.0071775	94.91743	1.717779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119792	.0089074	109.3624	.1854174	.1108768	.4158955	252.4344
Stddev	.0001674	.0002077	.4746	.0010305	.0004480	.0074357	1.9224
%RSD	1.397173	2.332269	.4339743	.5557861	.4040031	1.787867	.7615279

#1	.0118042	.0086679	108.9972	.1842472	.1105747	.4168637	251.3276
#2	.0121377	.0090395	109.1911	.1861895	.1113915	.4080232	251.3215
#3	.0119959	.0090147	109.8989	.1858154	.1106643	.4227997	254.6542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.142599	24.65720	.2401948	-.011480	1.381299	.2780535	3.257537
Stddev	.035853	.10481	.0004982	.000361	.108338	.0062455	.038827
%RSD	.5836699	.4250710	.2074248	3.142363	7.843230	2.246139	1.191901

#1	6.128942	24.62140	.2397906	-.011634	1.481270	.2725008	3.291578
#2	6.115582	24.57498	.2407514	-.011068	1.396441	.2768448	3.265782
#3	6.183273	24.77522	.2400422	-.011739	1.266186	.2848150	3.215250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26946	1.184943	.2033497	.0185282	.5568711	50.15863	.1641346
Stddev	.16806	.007680	.0046305	.0008536	.0046880	.40261	.0037673
%RSD	1.491267	.6481127	2.277117	4.606956	.8418407	.8026705	2.295249

#1	11.08471	1.176244	.2074984	.0178665	.5514581	49.69374	.1601246
#2	11.31043	1.190786	.1983542	.0194917	.5596185	50.39148	.1646796
#3	11.41324	1.187799	.2041964	.0182264	.5595366	50.39068	.1675998

Sample Name: M3856-15 Acquired: 01/10/2022 9:57:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9644044	.1121136	.0919023
Stddev	.0037025	.0002046	.0021978
%RSD	.3839114	.1825131	2.391478

#1	.9604386	.1118801	.0937876
#2	.9677703	.1122614	.0924308
#3	.9650042	.1121993	.0894883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.293	45668.89	6875.006	1264.275	1931.154
Stddev	5.221	146.26	36.070	19.113	7.911
%RSD	.3630260	.3202713	.5246540	1.511755	.4096759

#1	1443.676	45534.71	6867.972	1244.643	1940.247
#2	1433.249	45824.81	6914.075	1282.822	1925.846
#3	1437.955	45647.17	6842.971	1265.360	1927.369

Sample Name: M3856-16 Acquired: 01/10/2022 10:01:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2886290	.0019683	2.530247	.0301508	.0043709	80.36590	1.416035
Stddev	.0213784	.0039711	.006613	.0056344	.0048931	.38439	.005009
%RSD	7.406885	201.7461	.2613709	18.68754	111.9481	.4783001	.3537338

#1	.2643503	-.002555	2.529094	.0295030	.0062318	80.09259	1.410632
#2	.2969026	.003580	2.537362	.0360811	-.001180	80.19969	1.416949
#3	.3046342	.004880	2.524287	.0248683	.008060	80.80543	1.420524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108766	.0095595	125.0786	.1600425	.0967010	1.044818	241.5665
Stddev	.0003844	.0000861	.2960	.0014478	.0005957	.005900	1.0761
%RSD	3.534152	.9009280	.2366260	.9046503	.6160162	.5647150	.4454722

#1	.0110706	.0096497	124.7867	.1597031	.0967853	1.040883	240.7226
#2	.0104338	.0094782	125.0706	.1616299	.0972500	1.041970	241.1986
#3	.0111252	.0095505	125.3785	.1587946	.0960676	1.051603	242.7783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.417105	37.31738	.2253362	-.008486	1.716994	.2780564	3.142709
Stddev	.005900	.19860	.0006358	.000492	.307180	.0052664	.034691
%RSD	.1335741	.5321882	.2821373	5.797747	17.89057	1.894019	1.103845

#1	4.414157	37.10603	.2257995	-.009054	2.065277	.2752569	3.171898
#2	4.413261	37.34599	.2246114	-.008228	1.484683	.2747809	3.151873
#3	4.423899	37.50013	.2255977	-.008178	1.601022	.2841313	3.104357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.315339	1.102884	.1870257	.0206741	.4708437	48.32311	.0936360
Stddev	.082175	.002827	.0073540	.0001568	.0014585	.41322	.0015789
%RSD	.8821514	.2562829	3.932097	.7583193	.3097578	.8551287	1.686246

#1	9.366619	1.104327	.1803093	.0204971	.4723789	48.50315	.0945939
#2	9.220558	1.099628	.1858840	.0207953	.4706756	47.85041	.0945005
#3	9.358841	1.104699	.1948839	.0207301	.4694765	48.61576	.0918136

Sample Name: M3856-16 Acquired: 01/10/2022 10:01:18 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.051392	.1035042	-.024789
Stddev	.003474	.0032246	.000924
%RSD	.3303837	3.115440	3.729275

#1	1.048067	.1023874	-.024089
#2	1.051113	.1071387	-.024442
#3	1.054997	.1009864	-.025837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.002	44965.79	6794.352	1241.430	1919.114
Stddev	.847	249.16	24.053	9.916	.807
%RSD	.0599736	.5541157	.3540144	.7987847	.0420350

#1	1411.877	44852.10	6792.182	1250.847	1918.690
#2	1412.904	44793.76	6819.417	1231.080	1918.608
#3	1411.224	45251.52	6771.458	1242.362	1920.045

Sample Name: M3856-17 Acquired: 01/10/2022 10:05:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585816	-.005175	.5199395	.0342605	.0041737	78.65859	.8099454
Stddev	.0150081	.006492	.0012166	.0054640	.0019713	.39971	.0028707
%RSD	9.463978	125.4316	.2339916	15.94854	47.23183	.5081590	.3544254

#1	.1642758	-.008162	.5189002	.0362062	.0019099	79.09651	.8120367
#2	.1415597	.002272	.5212777	.0280899	.0050997	78.31338	.8066726
#3	.1699093	-.009636	.5196405	.0384853	.0055115	78.56588	.8111270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094706	-.001057	95.66336	.1364114	.1046888	.1405478	212.0479
Stddev	.0001182	.000159	.43863	.0039924	.0007418	.0035546	1.2952
%RSD	1.248469	15.00233	.4585162	2.926703	.7085807	2.529105	.6108126

#1	.0095685	-.001172	96.12787	.1318045	.1055111	.1394363	213.5435
#2	.0093393	-.001122	95.25627	.1388608	.1044856	.1376817	211.3096
#3	.0095041	-.000876	95.60593	.1385688	.1040699	.1445253	211.2907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.952795	31.25150	.1571698	-.014349	1.399912	.2573824	.7441563
Stddev	.033562	.26663	.0014834	.000268	.114866	.0043582	.0154323
%RSD	.5637977	.8531677	.9437909	1.870271	8.205191	1.693265	2.073793

#1	5.989004	31.55111	.1576629	-.014149	1.527050	.2618303	.7309017
#2	5.922729	31.04035	.1555026	-.014244	1.369073	.2571969	.7610982
#3	5.946654	31.16303	.1583437	-.014654	1.303615	.2531199	.7404690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.976331	.6895976	.1303440	.0182825	.1027854	47.89149	-.004348
Stddev	.067766	.0009253	.0066943	.0002645	.0005146	.36377	.003456
%RSD	.9713650	.1341752	5.135869	1.446450	.5006509	.7595773	79.48995

#1	7.045823	.6902013	.1363516	.0180313	.1030696	48.06644	-.006525
#2	6.910435	.6885324	.1315526	.0182579	.1021914	47.47329	-.000363
#3	6.972736	.6900593	.1231277	.0185585	.1030953	48.13473	-.006155

Sample Name: M3856-17 Acquired: 01/10/2022 10:05:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6100971	.1005972	-.039714
Stddev	.0039960	.0015156	.001554
%RSD	.6549707	1.506551	3.913394

#1	.6102232	.0991056	-.040790
#2	.6060396	.1021356	-.040420
#3	.6140285	.1005504	-.037932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.109	44986.92	6797.962	1253.075	1932.969
Stddev	2.168	698.79	67.569	25.736	3.731
%RSD	.1542181	1.553312	.9939540	2.053787	.1930237

#1	1408.042	45770.00	6769.534	1281.830	1934.956
#2	1403.764	44426.87	6875.100	1232.204	1935.286
#3	1406.521	44763.90	6749.253	1245.192	1928.665

Sample Name: M3856-18 Acquired: 01/10/2022 10:09:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1557360	-.008920	.4167844	.0295625	.0048552	76.36582	.6785309
Stddev	.0184080	.004759	.0018105	.0165852	.0011885	.36206	.0002494
%RSD	11.82004	53.35492	.4343972	56.10222	24.47914	.4741131	.0367544

#1	.1751485	-.004743	.4171842	.0466077	.0035190	76.72662	.6787982
#2	.1385316	-.014101	.4183616	.0134792	.0057946	76.00251	.6784900
#3	.1535278	-.007916	.4148074	.0286006	.0052519	76.36833	.6783045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087737	-.001720	63.92535	.1302924	.0881584	.1234317	202.4668
Stddev	.0001694	.000145	.29737	.0005969	.0006063	.0044433	1.4433
%RSD	1.930443	8.414426	.4651833	.4581398	.6878018	3.599824	.7128618

#1	.0087797	-.001886	64.24921	.1298674	.0881166	.1255212	203.6394
#2	.0086014	-.001626	63.66460	.1309749	.0887845	.1183289	200.8549
#3	.0089400	-.001647	63.86224	.1300350	.0875740	.1264452	202.9063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075911	24.62613	.1345309	-.013722	1.545286	.2419145	.6216611
Stddev	.034073	.11876	.0005542	.000752	.238786	.0040445	.0204954
%RSD	.6712607	.4822642	.4119362	5.479802	15.45254	1.671854	3.296877

#1	5.103926	24.74902	.1348549	-.014449	1.501386	.2460965	.6175405
#2	5.037980	24.51198	.1348467	-.013769	1.331496	.2380233	.6439038
#3	5.085825	24.61739	.1338910	-.012948	1.802976	.2416237	.6035391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.458533	.6109884	.1179069	.0167292	.0989740	49.66410	-.005801
Stddev	.082478	.0019692	.0028423	.0003621	.0005559	.12440	.001632
%RSD	1.277045	.3222966	2.410668	2.164376	.5617024	.2504894	28.13501

#1	6.553196	.6108696	.1210706	.0171208	.0992684	49.61357	-.004188
#2	6.420247	.6130143	.1170814	.0164066	.0993209	49.57291	-.007451
#3	6.402156	.6090813	.1155687	.0166603	.0983328	49.80581	-.005763

Sample Name: M3856-18 Acquired: 01/10/2022 10:09:26 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXS4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5616281	.0942499	-.060226
Stddev	.0013892	.0004060	.001047
%RSD	.2473550	.4307606	1.737876

#1	.5632017	.0937821	-.060900
#2	.5611113	.0945109	-.059020
#3	.5605714	.0944567	-.060758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.781	44490.04	6608.531	1242.543	1958.983
Stddev	1.082	294.54	16.994	6.480	3.130
%RSD	.0770686	.6620293	.2571576	.5215145	.1597809

#1	1404.397	44152.66	6601.330	1238.863	1962.289
#2	1402.532	44621.53	6627.940	1250.025	1956.065
#3	1404.414	44695.92	6596.323	1238.740	1958.596

Sample Name: M3856-19 Acquired: 01/10/2022 10:13:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021407	-.001436	2.477127	.0226782	.0050481	71.27515	.8599737
Stddev	.0018251	.003061	.005028	.0036482	.0003160	.18148	.0026252
%RSD	1.786813	213.1048	.2029820	16.08679	6.260194	.2546255	.3052600

#1	.1019549	-.001907	2.472247	.0268844	.0052043	71.26125	.8569927
#2	.1004156	-.004235	2.482292	.0203741	.0046844	71.10102	.8619403
#3	.1040515	.001832	2.476843	.0207761	.0052557	71.46319	.8609881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098300	.0027216	29.21693	.1187940	.0673230	.1755709	172.0229
Stddev	.0000903	.0000697	.06506	.0015241	.0004865	.0035693	.4228
%RSD	.9184783	2.561402	.2226715	1.282949	.7226721	2.032966	.2457730

#1	.0099100	.0026588	29.28544	.1193511	.0674739	.1795532	172.4022
#2	.0098479	.0027966	29.15598	.1199611	.0677162	.1744996	171.5670
#3	.0097321	.0027095	29.20936	.1170697	.0667789	.1726600	172.0995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.518994	10.93106	.1408433	-.010764	1.329208	.2311252	1.278494
Stddev	.007434	.04176	.0004232	.000104	.286481	.0033618	.010364
%RSD	.2112599	.3820525	.3004517	.9644002	21.55279	1.454555	.8106176

#1	3.525996	10.90803	.1413186	-.010698	1.196411	.2314160	1.283758
#2	3.511192	10.90589	.1407037	-.010884	1.133223	.2276273	1.266555
#3	3.519794	10.97927	.1405076	-.010710	1.657991	.2343321	1.285169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.326800	.5779354	.1219278	.0141038	.3143511	52.07540	.0027788
Stddev	.137430	.0012708	.0024466	.0000670	.0013819	.48028	.0019493
%RSD	2.579978	.2198928	2.006588	.4747437	.4396009	.9222693	70.14835

#1	5.467043	.5790307	.1191603	.0140291	.3132812	52.59114	.0044675
#2	5.192367	.5765420	.1228199	.0141240	.3159113	51.99406	.0006457
#3	5.320990	.5782334	.1238031	.0141584	.3138609	51.64098	.0032231

Sample Name: M3856-19 Acquired: 01/10/2022 10:13:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6882637	.0740992	-.068917
Stddev	.0024727	.0014047	.000464
%RSD	.3592612	1.895689	.6729573

#1	.6857777	.0754921	-.069452
#2	.6907229	.0741224	-.068621
#3	.6882905	.0726830	-.068679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.991	45838.35	6837.403	1273.230	2015.866
Stddev	4.061	287.26	31.348	4.927	4.110
%RSD	.2812494	.6266833	.4584828	.3869709	.2039015

#1	1445.278	46108.43	6804.582	1277.656	2019.160
#2	1439.442	45536.54	6867.035	1274.113	2011.260
#3	1447.253	45870.08	6840.591	1267.921	2017.177

Sample Name: M3856-20 Acquired: 01/10/2022 10:17:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1544307	-.008211	1.195777	.0317325	.0067080	97.26273	1.165708
Stddev	.0092496	.002283	.002244	.0049361	.0007979	.46407	.006763
%RSD	5.989489	27.80183	.1876889	15.55542	11.89481	.4771276	.5801513

#1	.1568619	-.007637	1.196984	.0267017	.0059169	97.73366	1.170629
#2	.1442083	-.006270	1.193188	.0319278	.0066946	97.24868	1.168498
#3	.1622218	-.010726	1.197160	.0365682	.0075126	96.80584	1.157996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146565	.0007611	26.86372	.1601291	.1195915	.2079695	266.2724
Stddev	.0004363	.0002690	.09609	.0010119	.0005766	.0033460	1.2481
%RSD	2.977085	35.34857	.3576939	.6319119	.4821155	1.608889	.4687147

#1	.0143557	.0007492	26.91219	.1609079	.1192324	.2041059	267.3911
#2	.0144569	.0004982	26.92592	.1589854	.1192855	.2099116	266.4998
#3	.0151570	.0010358	26.75304	.1604941	.1202565	.2098911	264.9262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.373137	12.54350	.1877721	-.018455	1.401650	.3256984	.9898970
Stddev	.010975	.08109	.0014018	.000139	.249547	.0015382	.0247218
%RSD	.2042594	.6464453	.7465308	.7522775	17.80381	.4722939	2.497411

#1	5.383140	12.62333	.1869628	-.018394	1.471192	.3268756	1.016419
#2	5.374874	12.54596	.1869628	-.018357	1.124708	.3262618	.985780
#3	5.361397	12.46121	.1893907	-.018614	1.609049	.3239579	.967492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.061697	.6951438	.1679489	.0202754	.3130724	52.08613	.0005863
Stddev	.052797	.0025111	.0044289	.0006614	.0007267	.36328	.0013698
%RSD	.8709880	.3612282	2.637045	3.261997	.2321315	.6974662	233.6455

#1	6.001019	.6926005	.1728392	.0196273	.3123198	52.08279	-.000575
#2	6.086924	.6952097	.1667994	.0202495	.3131273	51.72452	.002097
#3	6.097148	.6976213	.1642080	.0209493	.3137701	52.45106	.000237

Sample Name: M3856-20 Acquired: 01/10/2022 10:17:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6594193	.0986107	-.156859
Stddev	.0005641	.0017657	.001137
%RSD	.0855428	1.790603	.7246843

#1	.6588096	.0996661	-.157791
#2	.6595260	.0965723	-.157192
#3	.6599225	.0995937	-.155592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.069	47393.25	7037.654	1317.138	1988.051
Stddev	1.371	319.49	26.735	23.206	3.471
%RSD	.0919765	.6741196	.3798869	1.761865	.1745868

#1	1491.642	47299.56	7045.983	1314.207	1987.434
#2	1489.127	47131.08	7007.746	1295.536	1991.789
#3	1489.439	47749.10	7059.233	1341.670	1984.930

Sample Name: M3856-21 Acquired: 01/10/2022 10:21:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750307	-.004300	.7711200	.0216789	.0003899	101.9811	1.229530
Stddev	.0160215	.005106	.0015795	.0033865	.0013648	.5856	.007528
%RSD	21.35335	118.7629	.2048324	15.62121	350.0027	.5742268	.6122591

#1	.0565785	.000500	.7729280	.0200583	.0015180	102.6481	1.236921
#2	.0831040	-.009665	.7700082	.0255711	-.001127	101.7439	1.229797
#3	.0854094	-.003734	.7704239	.0194072	.000779	101.5513	1.221872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130840	.0004005	34.72995	.1387189	.0834921	.2291768	187.6222
Stddev	.0001887	.0001276	.15442	.0008306	.0002011	.0029801	.9386
%RSD	1.442514	31.86792	.4446172	.5987801	.2409076	1.300361	.5002521

#1	.0131735	.0002555	34.89112	.1396565	.0836071	.2295292	188.4631
#2	.0132114	.0004958	34.71541	.1380750	.0832598	.2260361	187.7938
#3	.0128672	.0004502	34.58332	.1384252	.0836094	.2319651	186.6096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.171292	11.08617	.1853919	-.012282	1.092742	.2877410	.9242811
Stddev	.010168	.03359	.0009843	.000060	.100674	.0029424	.0122337
%RSD	.3206420	.3029836	.5309036	.4845003	9.212934	1.022578	1.323587

#1	3.181505	11.12348	.1854852	-.012284	.990252	.2843449	.9249396
#2	3.171202	11.05833	.1843643	-.012340	1.096480	.2893532	.9117314
#3	3.161169	11.07670	.1863262	-.012221	1.191495	.2895249	.9361722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.015219	.3201082	.1381467	.0132435	.2431136	51.71658	.0055121
Stddev	.060961	.0014348	.0020287	.0005200	.0013875	.44563	.0036375
%RSD	1.013447	.4482325	1.468502	3.926581	.5707305	.8616825	65.99070

#1	5.999327	.3184514	.1372257	.0131295	.2427043	52.03642	.0072764
#2	6.082553	.3209391	.1367419	.0127899	.2419767	51.90576	.0079311
#3	5.963779	.3209341	.1404725	.0138110	.2446597	51.20757	.0013290

Sample Name: M3856-21 Acquired: 01/10/2022 10:21:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5619466	.1026909	-.061527
Stddev	.0024743	.0013550	.000702
%RSD	.4403087	1.319470	1.141004

#1	.5595366	.1012181	-.062272
#2	.5644805	.1038847	-.061432
#3	.5618227	.1029698	-.060877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.411	48096.61	7230.971	1333.779	1996.225
Stddev	1.570	221.98	32.226	10.494	.808
%RSD	.1029080	.4615321	.4456709	.7868242	.0404970

#1	1523.623	48104.50	7202.794	1340.567	1995.410
#2	1526.563	48314.54	7224.008	1339.079	1997.027
#3	1526.048	47870.79	7266.109	1321.692	1996.237

Sample Name: M3856-22 Acquired: 01/10/2022 10:25:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043155	-.005872	5.852227	.0265986	.0030692	81.07158	1.028456
Stddev	.0080997	.003375	.014675	.0023815	.0036137	.27803	.003840
%RSD	7.764582	57.48435	.2507545	8.953526	117.7416	.3429448	.3733519

#1	.0986509	-.003948	5.864915	.0240467	.0001959	81.24872	1.032815
#2	.1007026	-.003898	5.836156	.0269872	.0071264	81.21489	1.026979
#3	.1135928	-.009769	5.855611	.0287619	.0018853	80.75113	1.025574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093164	.0052139	31.32126	.1304729	.0720164	.1759437	163.9289
Stddev	.0001630	.0001836	.05942	.0003095	.0006600	.0007148	.4881
%RSD	1.749251	3.522072	.1897164	.2372012	.9164823	.4062586	.2977256

#1	.0094890	.0053527	31.33543	.1306568	.0725133	.1767065	164.2610
#2	.0092949	.0050057	31.37231	.1301156	.0712675	.1758353	164.1571
#3	.0091652	.0052833	31.25603	.1306462	.0722685	.1752893	163.3685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.777890	13.37151	.1514968	-.010584	1.114936	.2220579	1.754505
Stddev	.018787	.04140	.0002122	.000377	.235171	.0015825	.040980
%RSD	.4972866	.3096431	.1400533	3.559158	21.09278	.7126605	2.335694

#1	3.787306	13.40554	.1512518	-.010783	.931752	.2237001	1.710017
#2	3.790107	13.32541	.1516250	-.010150	1.380132	.2219309	1.762784
#3	3.756257	13.38358	.1516134	-.010820	1.032924	.2205427	1.790713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.190557	1.026670	.1093073	.0120277	.3731574	52.36415	.0168962
Stddev	.010531	.006904	.0027701	.0004895	.0026362	.55653	.0003526
%RSD	.1464492	.6724744	2.534239	4.070158	.7064467	1.062814	2.086909

#1	7.178830	1.034568	.1063284	.0114625	.3752072	52.97733	.0170001
#2	7.199205	1.021780	.1118057	.0123159	.3701837	52.22412	.0171852
#3	7.193634	1.023662	.1097877	.0123048	.3740814	51.89101	.0165034

Sample Name: M3856-22 Acquired: 01/10/2022 10:25:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXS8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6643456	.0807694	-.049968
Stddev	.0045537	.0001868	.000427
%RSD	.6854462	.2312380	.8535823

#1	.6617923	.0805752	-.050454
#2	.6616415	.0807853	-.049790
#3	.6696031	.0809477	-.049659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.204	47047.38	7018.085	1302.238	1997.341
Stddev	3.848	250.71	30.395	16.187	3.285
%RSD	.2606841	.5328845	.4330931	1.243018	.1644568

#1	1479.998	47250.75	6983.603	1320.252	1999.026
#2	1476.309	47124.13	7040.993	1297.549	1999.441
#3	1472.304	46767.27	7029.659	1288.913	1993.555

Sample Name: M3883-01 Acquired: 01/10/2022 10:29:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514338	-.009810	.7025895	.0378462	.0027768	102.3054	1.144608
Stddev	.0076667	.002369	.0050989	.0042578	.0030527	1.0452	.007698
%RSD	5.062753	24.14438	.7257320	11.25033	109.9348	1.021691	.6725541

#1	.1464283	-.012543	.6967416	.0402733	.0001500	103.2437	1.152650
#2	.1476130	-.008364	.7049210	.0329298	.0020546	102.4936	1.143868
#3	.1602601	-.008522	.7061058	.0403354	.0061258	101.1788	1.137307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112595	-.000493	23.96029	.1524939	.1315955	.2674235	280.1410
Stddev	.0001227	.000299	.09374	.0002416	.0010286	.0035618	2.5924
%RSD	1.089321	60.71805	.3912497	.1584475	.7816695	1.331887	.9254060

#1	.0113810	-.000739	24.05564	.1527682	.1306245	.2710812	282.2000
#2	.0111357	-.000579	23.95699	.1524012	.1314885	.2672231	280.9933
#3	.0112618	-.000160	23.86824	.1523124	.1326734	.2639661	277.2297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.756999	23.04940	.2676194	-.019648	1.234502	.2837597	.9446338
Stddev	.040514	.11167	.0006279	.000147	.191355	.0051008	.0123243
%RSD	.8516804	.4844959	.2346067	.7462146	15.50057	1.797575	1.304661

#1	4.795040	23.15735	.2671636	-.019493	1.157172	.2860980	.9343085
#2	4.761559	23.05651	.2683355	-.019785	1.452420	.2872722	.9582775
#3	4.714397	22.93434	.2673590	-.019665	1.093913	.2779089	.9413154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.991205	.5976411	.1471811	.0166753	.2907925	45.60195	.0384394
Stddev	.087256	.0017120	.0086160	.0006732	.0010956	.24175	.0041279
%RSD	1.456396	.2864687	5.854016	4.036913	.3767580	.5301257	10.73861

#1	5.977623	.5965478	.1555681	.0165869	.2919037	45.76221	.0337300
#2	6.084455	.5967614	.1476223	.0173883	.2907605	45.32388	.0414305
#3	5.911536	.5996141	.1383530	.0160507	.2897132	45.71976	.0401578

Sample Name: M3883-01 Acquired: 01/10/2022 10:29:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6602871	.1240407	-.153965
Stddev	.0043898	.0015805	.002526
%RSD	.6648392	1.274138	1.640951

#1	.6644768	.1251276	-.155704
#2	.6557213	.1247668	-.155124
#3	.6606631	.1222277	-.151067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.653	46990.05	6978.230	1313.476	1965.442
Stddev	6.610	440.70	14.024	14.799	8.714
%RSD	.4467328	.9378621	.2009732	1.126733	.4433730

#1	1486.850	47381.30	6985.828	1318.891	1973.922
#2	1478.258	46512.63	6962.046	1296.732	1965.894
#3	1473.853	47076.23	6986.815	1324.805	1956.511

Sample Name: M3883-02 Acquired: 01/10/2022 10:33:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301345	-.006669	1.982890	.0317773	.0058888	82.18549	.8236554
Stddev	.0122422	.002452	.021534	.0009618	.0003348	1.04652	.0044636
%RSD	9.407354	36.76755	1.085994	3.026615	5.686061	1.273361	.5419204

#1	.1182096	-.004887	1.958042	.0317073	.0062688	81.01194	.8197630
#2	.1295228	-.009466	1.994510	.0308524	.0056369	82.52269	.8226760
#3	.1426711	-.005655	1.996117	.0327721	.0057608	83.02183	.8285274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089764	.0020953	27.91761	.1317322	.1025120	.2084708	220.2752
Stddev	.0001522	.0000527	.16802	.0006336	.0013020	.0042259	2.2439
%RSD	1.695574	2.516406	.6018530	.4809639	1.270120	2.027115	1.018684

#1	.0089001	.0020403	27.72967	.1318390	.1010105	.2039367	217.7691
#2	.0088773	.0021454	27.96988	.1310520	.1033291	.2091759	220.9587
#3	.0091516	.0021003	28.05329	.1323056	.1031963	.2122999	222.0980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.469368	16.09194	.1853468	-.014755	1.632052	.2245505	1.503799
Stddev	.039577	.21678	.0024088	.000119	.059763	.0028098	.040859
%RSD	.8855200	1.347161	1.299607	.8047265	3.661808	1.251317	2.717082

#1	4.425293	15.86035	.1825725	-.014875	1.563966	.2216959	1.457016
#2	4.480946	16.12547	.1869066	-.014752	1.656356	.2246424	1.532485
#3	4.501865	16.29001	.1865612	-.014638	1.675832	.2273133	1.521896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.722555	.9176238	.1329694	.0157376	.2255186	47.68055	.0569993
Stddev	.138677	.0119342	.0031024	.0003750	.0025116	.33854	.0002133
%RSD	1.795745	1.300551	2.333188	2.382657	1.113715	.7100216	.3742740

#1	7.583633	.9039891	.1308814	.0153350	.2228371	47.44471	.0572330
#2	7.860987	.9227103	.1365343	.0158011	.2259025	47.52848	.0569499
#3	7.723045	.9261720	.1314924	.0160768	.2278162	48.06846	.0568150

Sample Name: M3883-02 Acquired: 01/10/2022 10:33:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7613385	.0953461	-.100932
Stddev	.0019784	.0005778	.002014
%RSD	.2598580	.6060315	1.995691

#1	.7634981	.0955725	-.098651
#2	.7596135	.0946893	-.101682
#3	.7609039	.0957764	-.102464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.197	45873.40	6808.542	1280.430	2001.887
Stddev	16.752	403.52	58.754	22.618	24.440
%RSD	1.156727	.8796458	.8629399	1.766466	1.220823

#1	1467.527	46174.98	6870.194	1286.775	2030.070
#2	1437.918	45415.01	6753.195	1255.316	1989.043
#3	1439.145	46030.22	6802.237	1299.198	1986.547

Sample Name: M3883-03 Acquired: 01/10/2022 10:37:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1210131	-.000613	.6398855	.0322346	.0033490	86.80883	.7768181
Stddev	.0015237	.002185	.0033366	.0125000	.0014682	.59476	.0014549
%RSD	1.259123	356.5068	.5214301	38.77824	43.84119	.6851364	.1872910

#1	.1216480	-.002059	.6432353	.0186042	.0019519	86.47053	.7773893
#2	.1192747	.001901	.6398590	.0349378	.0032157	87.49558	.7751643
#3	.1221168	-.001681	.6365623	.0431618	.0048793	86.46039	.7779007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087552	-.000761	18.19088	.1355797	.0930260	.1860792	244.8117
Stddev	.0001520	.000296	.00982	.0012831	.0006658	.0050862	1.5225
%RSD	1.735881	38.91998	.0539923	.9463843	.7157466	2.733382	.6219109

#1	.0087540	-.000650	18.18119	.1360003	.0927879	.1854217	244.1223
#2	.0089078	-.001097	18.20083	.1341391	.0925120	.1914622	246.5569
#3	.0086038	-.000537	18.19061	.1365997	.0937781	.1813537	243.7558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.994499	18.25941	.2075914	-.017050	1.127142	.2373217	1.016820
Stddev	.017708	.11497	.0010765	.000211	.140642	.0051290	.028572
%RSD	.4433088	.6296706	.5185692	1.238921	12.47775	2.161208	2.809950

#1	3.986061	18.26164	.2086336	-.017174	1.262612	.2315123	1.047425
#2	4.014848	18.37324	.2076571	-.017171	.981844	.2412239	1.012189
#3	3.982588	18.14333	.2064836	-.016806	1.136970	.2392288	.990847

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.394581	.5716426	.1262761	.0144379	.0993582	49.09468	-.004329
Stddev	.148366	.0026978	.0071974	.0007295	.0005159	.18755	.000796
%RSD	2.006415	.4719433	5.699729	5.052686	.5192080	.3820192	18.38682

#1	7.256650	.5741906	.1224276	.0151336	.0999532	48.92559	-.003412
#2	7.551545	.5688165	.1345795	.0136787	.0990843	49.06202	-.004845
#3	7.375548	.5719207	.1218211	.0145014	.0990370	49.29641	-.004730

Sample Name: M3883-03 Acquired: 01/10/2022 10:37:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5770954	.1035409	-.166792
Stddev	.0029290	.0006968	.001926
%RSD	.5075395	.6729467	1.154522

#1	.5776877	.1027883	-.165906
#2	.5739156	.1041636	-.169001
#3	.5796830	.1036707	-.165468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.739	45417.80	6765.267	1265.292	1995.805
Stddev	3.242	214.69	10.337	4.554	2.048
%RSD	.2254736	.4726914	.1527993	.3599082	.1026248

#1	1438.675	45172.43	6755.292	1261.634	1994.914
#2	1440.410	45509.91	6775.932	1270.392	1998.148
#3	1434.132	45571.07	6764.578	1263.850	1994.353

Sample Name: M3883-04 Acquired: 01/10/2022 10:42:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366578	-.005998	2.743430	.0402349	.0083196	101.5416	.9485314
Stddev	.0234421	.004548	.003140	.0023460	.0014797	1.5070	.0026875
%RSD	17.15387	75.82085	.1144487	5.830738	17.78614	1.484129	.2833362

#1	.1588403	-.009444	2.740433	.0425094	.0074443	102.3775	.9513556
#2	.1390010	-.000844	2.743163	.0403719	.0100281	99.8019	.9460055
#3	.1121321	-.007705	2.746695	.0378234	.0074864	102.4455	.9482330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111322	-.000582	23.95730	.1674039	.1109761	.2256518	288.3149
Stddev	.0001854	.000273	.14375	.0013047	.0001198	.0071763	3.1394
%RSD	1.665029	46.94264	.6000312	.7794006	.1079334	3.180254	1.088880

#1	.0110387	-.000603	23.98620	.1675112	.1108633	.2305008	289.9781
#2	.0110122	-.000299	23.80130	.1660489	.1111018	.2174079	284.6939
#3	.0113457	-.000845	24.08441	.1686518	.1109631	.2290466	290.2728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.228732	19.86936	.2411928	-.019505	1.250958	.3460945	1.438157
Stddev	.048218	.13492	.0009836	.000381	.147628	.0024071	.030326
%RSD	.9221716	.6790516	.4078011	1.952609	11.80118	.6954901	2.108702

#1	5.257953	19.87709	.2420504	-.019371	1.228474	.3469732	1.423339
#2	5.173078	19.73075	.2414089	-.019935	1.408538	.3433715	1.418088
#3	5.255164	20.00026	.2401192	-.019209	1.115862	.3479387	1.473043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.725057	.7155843	.1692685	.0191161	.1942275	43.97945	.0045815
Stddev	.176045	.0042487	.0050474	.0001773	.0002580	.36140	.0017307
%RSD	2.017692	.5937434	2.981878	.9275601	.1328557	.8217581	37.77478

#1	8.852631	.7204133	.1733748	.0191020	.1945244	44.16128	.0063653
#2	8.524210	.7124197	.1707974	.0189463	.1941009	43.56324	.0029094
#3	8.798331	.7139201	.1636335	.0193001	.1940572	44.21383	.0044698

Sample Name: M3883-04 Acquired: 01/10/2022 10:42:05 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3D5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7842394	.1162075	-.190499
Stddev	.0085111	.0008584	.003254
%RSD	1.085269	.7386411	1.708004

#1	.7757952	.1167678	-.192361
#2	.7928159	.1152194	-.186742
#3	.7841070	.1166354	-.192394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.068	45789.69	6815.275	1275.203	1966.479
Stddev	4.079	92.63	54.484	7.926	3.509
%RSD	.2824495	.2023026	.7994408	.6215868	.1784317

#1	1447.232	45726.46	6776.668	1275.015	1969.457
#2	1445.508	45896.02	6877.597	1267.372	1967.368
#3	1439.465	45746.58	6791.558	1283.222	1962.611

Sample Name: M3883-05 Acquired: 01/10/2022 10:46:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000754	-.002626	1.955756	.0265514	.0028198	75.73908	1.135008
Stddev	.0126035	.003593	.014512	.0021438	.0009825	.38032	.004921
%RSD	12.59396	136.8174	.7420053	8.074204	34.84158	.5021412	.4336015

#1	.1130328	-.003115	1.960859	.0252154	.0039537	75.37063	1.134275
#2	.0993347	.001186	1.967026	.0254146	.0022238	75.71637	1.130494
#3	.0878586	-.005951	1.939382	.0290242	.0022819	76.13024	1.140255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090000	.0007473	88.00124	.1262784	.1014029	.1654007	190.0256
Stddev	.0001038	.0002182	.47292	.0003113	.0008679	.0049937	1.3130
%RSD	1.153646	29.20303	.5374067	.2464789	.8558670	3.019176	.6909510

#1	.0089871	.0008048	87.50052	.1261548	.1022622	.1614922	188.5649
#2	.0089032	.0009311	88.06285	.1266324	.1014198	.1710264	190.4044
#3	.0091097	.0005061	88.44034	.1260479	.1005267	.1636834	191.1076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.451872	18.98804	.1893004	-.013392	1.144066	.2013737	1.143659
Stddev	.037453	.16188	.0017784	.000309	.098374	.0034312	.009042
%RSD	.6869794	.8525471	.9394614	2.303610	8.598588	1.703870	.7905897

#1	5.409008	18.82021	.1909951	-.013351	1.245245	.2007060	1.153978
#2	5.468330	19.00068	.1894575	-.013719	1.138191	.1983255	1.137125
#3	5.478278	19.14323	.1874487	-.013106	1.048762	.2050896	1.139874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.142258	.6159398	.1006731	.0119952	.2737592	47.56750	-.004069
Stddev	.027489	.0028870	.0048503	.0002533	.0030676	.30368	.002038
%RSD	.3848717	.4687102	4.817888	2.111667	1.120541	.6384106	50.09452

#1	7.111896	.6163727	.0954524	.0121852	.2762259	47.29331	-.001931
#2	7.165453	.6185859	.1015274	.0117076	.2747273	47.51530	-.004286
#3	7.149424	.6128609	.1050396	.0120928	.2703243	47.89390	-.005990

Sample Name: M3883-05 Acquired: 01/10/2022 10:46:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3D6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6679409	.0802268	.0506003
Stddev	.0021606	.0013428	.0008237
%RSD	.3234722	1.673725	1.627783

#1	.6656310	.0788719	.0511277
#2	.6682797	.0802515	.0510221
#3	.6699122	.0815571	.0496512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.521	46815.20	6931.341	1314.443	1962.433
Stddev	4.635	233.07	31.090	4.599	12.129
%RSD	.3175689	.4978505	.4485387	.3498943	.6180618

#1	1459.992	46600.41	6965.109	1317.730	1956.446
#2	1454.669	46782.16	6925.010	1309.187	1954.461
#3	1463.903	47063.02	6903.904	1316.411	1976.391

Sample Name: CCV069 Acquired: 01/10/2022 10:51:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135384	4.917740	25.00096	4.909391	5.130334	405.0697
Stddev	.038383	.021614	.03518	.000992	.012063	1.6679
%RSD	.7474125	.4395146	.1407111	.0202062	.2351323	.4117677

#1	5.093819	4.926932	24.99555	4.910483	5.138592	406.9387
#2	5.142846	4.893049	24.96880	4.909145	5.116491	404.5383
#3	5.169489	4.933239	25.03853	4.908545	5.135920	403.7323

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35199	.5220856	2.509719	394.3303	15.28376	2.473362
Stddev	.05164	.0049192	.005915	.6368	.04105	.010336
%RSD	.4988130	.9422192	.2356683	.1614980	.2685924	.4179029

#1	10.29471	.5271915	2.507215	394.5039	15.24901	2.464484
#2	10.36630	.5216881	2.505468	394.8623	15.32906	2.470893
#3	10.39497	.5173772	2.516473	393.6246	15.27322	2.484710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69638	391.2356	14.39646	384.3083	2.622908	1.215193
Stddev	.20438	1.6386	.03041	.8886	.006159	.004381
%RSD	1.390666	.4188166	.2112316	.2312134	.2347990	.3605228

#1	14.91576	393.0039	14.42860	385.3219	2.627876	1.213731
#2	14.66203	390.9340	14.39264	383.9396	2.616018	1.220119
#3	14.51136	389.7687	14.36814	383.6635	2.624831	1.211731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.6122	2.492919	F 18.59632	152.4917	F 6.053377	5.135814
Stddev	.4067	.010745	.17246	2.3796	.015440	.045771
%RSD	.1020247	.4310188	.9273991	1.560475	.2550569	.8912039

#1	398.8788	2.492783	18.39850	155.0388	6.066173	5.184782
#2	398.8136	2.482243	18.67535	152.1109	6.036228	5.128551
#3	398.1441	2.503732	18.71510	150.3256	6.057730	5.094109

Sample Name: CCV069 Acquired: 01/10/2022 10:51:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929057	5.319627	5.020026	5.199885	4.865774	5.076823
Stddev	.005976	.009598	.055193	.012434	.020293	.026243
%RSD	.1212313	.1804281	1.099450	.2391297	.4170650	.5169277
#1	4.930053	5.325425	5.076245	5.209060	4.842939	5.046552
#2	4.922646	5.308548	5.017913	5.185733	4.881747	5.090746
#3	4.934472	5.324908	4.965920	5.204861	4.872635	5.093171

Elem	Sr4077
Units	ppm
Avg	4.748280
Stddev	.009417
%RSD	.1983228
#1	4.741100
#2	4.758942
#3	4.744800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.401	37213.74	5828.385	979.1581	1543.159
Stddev	2.730	180.38	65.668	1.7171	4.425
%RSD	.2524661	.4847153	1.126697	.1753690	.2867343
#1	1083.159	37309.98	5764.556	980.8363	1544.573
#2	1082.788	37005.65	5824.850	979.2333	1546.703
#3	1078.256	37325.58	5895.750	977.4045	1538.200

Sample Name: CCB069 Acquired: 01/10/2022 10:55:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071259	-.000786	.0016494	.0005115	-.001486	.0145081	-.001351
Stddev	.0093967	.001815	.0009804	.0041952	.000730	.0068256	.000187
%RSD	131.8664	230.8986	59.44003	820.2274	49.10405	47.04723	13.85422

#1	.0014334	.001024	.0026859	.0051990	-.000647	.0223891	-.001221
#2	.0019726	-.000776	.0015255	-.000774	-.001968	.0106510	-.001565
#3	.0179718	-.002606	.0007368	-.002891	-.001845	.0104841	-.001266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0001190	.0146322	.0008058	-.000111	.0005085	.0157286
Stddev	.000067	.0000365	.0108488	.0002441	.000106	.0025182	.0036496
%RSD	284.6347	30.67563	74.14304	30.29575	94.65881	495.2352	23.20382

#1	-.000008	.0001360	.0155704	.0005425	-.000013	.0006398	.0144280
#2	-.000097	.0000771	.0033448	.0008502	-.000098	-.002073	.0129075
#3	.000034	.0001438	.0249814	.0010247	-.000223	.002958	.0198504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000047	.0151297	-.000241	.0006693	.0249368	-.000047	.0192825
Stddev	.0000645	.0211429	.000557	.0003647	.2347146	.001660	.0125145
%RSD	1360.260	139.7441	231.2239	54.49710	941.2398	3499.522	64.90091

#1	.0000791	.0382533	.000219	.0008636	-.245597	-.001050	.0336595
#2	-.000030	.0103499	-.000861	.0008957	.146078	-.000962	.0133558
#3	-.000035	-.003214	-.000081	.0002485	.174329	.001869	.0108323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4352766	-.000982	.0065465	.0008316	.0009393	.0021210	.0032260
Stddev	.0291271	.000350	.0013521	.0003770	.0007250	.0000750	.0015478
%RSD	6.691630	35.68823	20.65369	45.33466	77.18746	3.535024	47.97975

#1	.4444544	-.000649	.0078962	.0007045	.0008064	.0022019	.0016097
#2	.4026661	-.000948	.0065512	.0012557	.0017216	.0021072	.0033733
#3	.4587094	-.001348	.0051921	.0005345	.0002899	.0020538	.0046948

Sample Name: CCB069 Acquired: 01/10/2022 10:55:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019223	-.003917	-.000081
Stddev	.0014736	.002009	.000094
%RSD	76.65916	51.29044	116.6294

#1	.0029776	-.003861	-.000175
#2	.0002387	-.001937	-.000080
#3	.0025507	-.005954	.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.444	40804.00	6038.600	1142.940	2070.411
Stddev	1.776	113.82	14.551	8.477	4.135
%RSD	.1362790	.2789351	.2409659	.7417232	.1997154

#1	1301.858	40760.69	6046.775	1141.893	2067.956
#2	1305.364	40933.12	6047.225	1151.892	2075.185
#3	1303.109	40718.20	6021.800	1135.035	2068.092

Sample Name: M3883-06 Acquired: 01/10/2022 11:03:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021210	.0029170	3.895375	.0238983	.0039430	63.90018	1.360428
Stddev	.0083930	.0047317	.001622	.0023403	.0024582	.48122	.002438
%RSD	8.218649	162.2121	.0416477	9.792853	62.34448	.7530845	.1792125

#1	.1112438	.0075296	3.893657	.0213404	.0067269	63.72061	1.357863
#2	.1003919	.0031469	3.895587	.0259321	.0020711	64.44536	1.362715
#3	.0947272	-.001925	3.896880	.0244223	.0030310	63.53455	1.360706

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090378	.0035921	62.45055	.1059319	.0970484	.1420825	165.8543
Stddev	.0001476	.0001737	.25605	.0011706	.0007557	.0005651	.8900
%RSD	1.632631	4.836808	.4100047	1.105000	.7786694	.3977485	.5366308

#1	.0091728	.0036445	62.32069	.1049988	.0976440	.1426701	165.6072
#2	.0090602	.0037336	62.74551	.1072453	.0961983	.1420345	166.8418
#3	.0088803	.0033982	62.28545	.1055517	.0973028	.1415429	165.1139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.938606	13.75740	.1788573	-.010983	1.349286	.1976934	1.485501
Stddev	.042698	.15614	.0003962	.000484	.130179	.0010919	.058773
%RSD	.6153650	1.134984	.2214941	4.404091	9.647999	.5523123	3.956421

#1	6.938294	13.75240	.1785808	-.011541	1.343945	.1969972	1.443076
#2	6.981459	13.91598	.1786799	-.010721	1.482054	.1989518	1.460842
#3	6.896066	13.60381	.1793112	-.010687	1.221860	.1971311	1.552587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.351935	.6415293	.1057667	.0117878	.2661031	42.43890	-.002507
Stddev	.101863	.0021397	.0029710	.0002251	.0021994	.29196	.000306
%RSD	1.903289	.3335242	2.809049	1.909359	.8265196	.6879587	12.21986

#1	5.294934	.6393090	.1083141	.0116139	.2670098	42.42166	-.002783
#2	5.469538	.6435780	.1064829	.0120420	.2677041	42.73910	-.002561
#3	5.291334	.6417010	.1025030	.0117074	.2635953	42.15594	-.002177

Sample Name: M3883-06 Acquired: 01/10/2022 11:03:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7966531	.0590906	.0236136
Stddev	.0055929	.0019621	.0006545
%RSD	.7020541	3.320454	2.771621

#1	.7954152	.0580967	.0239129
#2	.7917829	.0613507	.0228630
#3	.8027613	.0578243	.0240649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.305	49096.40	7295.643	1355.792	1978.306
Stddev	1.573	275.23	20.308	8.189	.864
%RSD	.1021399	.5606010	.2783565	.6040134	.0436584

#1	1539.734	49148.12	7315.537	1356.015	1978.921
#2	1539.096	49342.10	7274.945	1363.868	1977.319
#3	1542.084	48798.97	7296.448	1347.494	1978.679

Sample Name: M3883-07 Acquired: 01/10/2022 11:07:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963593	-.004162	4.106817	.0145378	.0011008	63.36639	1.715746
Stddev	.0115170	.004035	.009946	.0036504	.0030358	.47904	.009413
%RSD	11.95220	96.94267	.2421874	25.10940	275.7898	.7559914	.5486123

#1	.0940353	.000471	4.103493	.0161700	.0034699	62.85494	1.707497
#2	.1088611	-.006903	4.098959	.0170872	-.002321	63.80459	1.726000
#3	.0861814	-.006055	4.118000	.0103561	.002154	63.43964	1.713740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089674	.0018674	25.70839	.0957960	.1014274	.1030244	131.9662
Stddev	.0001783	.0001966	.20408	.0008732	.0006847	.0029497	.9978
%RSD	1.988597	10.52826	.7938366	.9115486	.6750572	2.863087	.7560892

#1	.0089696	.0020412	25.52158	.0968043	.1011231	.1001204	130.8909
#2	.0087880	.0019070	25.92620	.0952852	.1022114	.1029352	132.8622
#3	.0091446	.0016540	25.67741	.0952986	.1009475	.1060177	132.1455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.430635	10.02560	.1755424	-.009321	1.273587	.1653427	1.035977
Stddev	.058558	.09409	.0006563	.000541	.132276	.0029199	.025564
%RSD	.7880589	.9384880	.3738959	5.799860	10.38609	1.765963	2.467664

#1	7.371215	9.94419	.1751168	-.009911	1.246044	.1625348	1.037565
#2	7.488291	10.12861	.1762982	-.008849	1.157252	.1683630	1.060710
#3	7.432398	10.00399	.1752120	-.009202	1.417466	.1651302	1.009655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.810803	.6565314	.0838691	.0088898	.2363135	38.71205	-.006488
Stddev	.085763	.0031645	.0040047	.0002645	.0007573	.20302	.000306
%RSD	1.475915	.4820022	4.774996	2.974846	.3204585	.5244284	4.710133

#1	5.753234	.6597470	.0808350	.0090187	.2356329	38.85354	-.006747
#2	5.769804	.6534206	.0884083	.0090650	.2361782	38.47944	-.006565
#3	5.909370	.6564267	.0823639	.0085856	.2371293	38.80318	-.006151

Sample Name: M3883-07 Acquired: 01/10/2022 11:07:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8156585	.0474036	-.005845
Stddev	.0011974	.0004608	.000811
%RSD	.1468013	.9719998	13.87955

#1	.8143482	.0468763	-.004914
#2	.8166959	.0476058	-.006401
#3	.8159315	.0477288	-.006220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.374	53352.54	7937.466	1487.848	2001.224
Stddev	2.233	129.51	45.599	20.883	3.029
%RSD	.1330996	.2427442	.5744797	1.403602	.1513815

#1	1676.470	53325.67	7988.675	1511.134	2000.657
#2	1679.917	53493.37	7922.470	1470.780	2004.496
#3	1675.736	53238.57	7901.254	1481.629	1998.517

Sample Name: M3883-08 Acquired: 01/10/2022 11:11:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3D9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1173823	-.000822	5.855605	.0292013	.0059114	68.35760	1.418183
Stddev	.0176608	.005492	.029620	.0051240	.0035587	.13725	.003753
%RSD	15.04557	667.7275	.5058392	17.54702	60.19992	.2007829	.2646132

#1	.1358141	-.003211	5.863811	.0276045	.0074567	68.30360	1.418841
#2	.1006095	.005459	5.880257	.0349336	.0084362	68.25557	1.421562
#3	.1157234	-.004715	5.822747	.0250659	.0018413	68.51364	1.414144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093951	.0077086	105.3167	.1395502	.0895572	1.125754	195.8636
Stddev	.0001429	.0000930	.1027	.0010303	.0008186	.006990	.4829
%RSD	1.520814	1.207124	.0975612	.7382799	.9140192	.6209578	.2465518

#1	.0095447	.0076240	105.1981	.1406157	.0898589	1.117865	195.8767
#2	.0093805	.0078083	105.3719	.1394755	.0901821	1.128220	195.3743
#3	.0092600	.0076935	105.3800	.1385592	.0886306	1.131178	196.3398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.282474	18.22755	.2069225	-.011529	1.298229	.2093810	3.185911
Stddev	.008498	.14143	.0011422	.000105	.155405	.0037285	.030790
%RSD	.1984463	.7759380	.5519723	.9071667	11.97050	1.780742	.9664349

#1	4.286219	18.30556	.2069394	-.011639	1.184408	.2065228	3.220315
#2	4.272747	18.06429	.2080561	-.011431	1.234998	.2135985	3.176475
#3	4.288458	18.31281	.2057720	-.011518	1.475281	.2080218	3.160944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.250902	.9522461	.1364744	.0198892	.5732964	46.58129	.0340246
Stddev	.108738	.0052679	.0042530	.0003220	.0028660	.52587	.0042928
%RSD	1.317888	.5532107	3.116354	1.618776	.4999235	1.128926	12.61672

#1	8.223041	.9527839	.1317797	.0200673	.5736354	47.10843	.0349649
#2	8.158806	.9572245	.1375733	.0200827	.5759778	46.05670	.0293396
#3	8.370859	.9467299	.1400701	.0195175	.5702759	46.57873	.0377693

Sample Name: M3883-08 Acquired: 01/10/2022 11:11:51 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3D9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9206544	.0701857	.0423123
Stddev	.0011322	.0007726	.0003414
%RSD	.1229726	1.100770	.8068614

#1	.9211490	.0695917	.0422816
#2	.9214551	.0699063	.0426680
#3	.9193591	.0710592	.0419872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.998	46099.15	6858.217	1272.070	1961.228
Stddev	4.820	205.77	25.685	13.030	6.655
%RSD	.3361252	.4463620	.3745209	1.024303	.3393156

#1	1435.685	46277.98	6862.575	1283.511	1956.127
#2	1428.562	45874.25	6881.445	1257.887	1958.802
#3	1437.749	46145.22	6830.631	1274.810	1968.756

Sample Name: M3883-09 Acquired: 01/10/2022 11:15:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1385333	-.006777	6.171779	.0332920	.0066257	84.29116	2.497323
Stddev	.0068915	.004301	.024914	.0078453	.0027431	.52189	.010283
%RSD	4.974603	63.47366	.4036829	23.56501	41.40064	.6191457	.4117808

#1	.1379981	-.011045	6.161392	.0409727	.0054342	84.67288	2.495343
#2	.1319250	-.002443	6.153740	.0336115	.0097631	84.50414	2.508453
#3	.1456768	-.006841	6.200207	.0252919	.0046798	83.69647	2.488174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140541	.0089589	78.72796	.1770610	.1092486	.2940248	249.7971
Stddev	.0001594	.0003605	.28451	.0008010	.0005050	.0039797	1.1096
%RSD	1.133814	4.024278	.3613807	.4523594	.4622460	1.353519	.4442086

#1	.0141216	.0085440	78.78119	.1767560	.1097831	.2982255	250.9417
#2	.0141686	.0091955	78.98209	.1779697	.1087795	.2903109	249.7235
#3	.0138721	.0091373	78.42060	.1764574	.1091831	.2935382	248.7261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.461044	15.30820	.2525485	-.015150	1.744057	.3360990	3.487392
Stddev	.021443	.11695	.0003697	.000368	.050876	.0053854	.029378
%RSD	.3926466	.7639693	.1463787	2.427892	2.917127	1.602328	.8423940

#1	5.482175	15.43128	.2521527	-.015132	1.715524	.3307836	3.498304
#2	5.461653	15.29479	.2528848	-.014791	1.802796	.3359616	3.454120
#3	5.439303	15.19854	.2526081	-.015526	1.713851	.3415518	3.509752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.679006	.9448931	.2192368	.0389489	1.001395	41.64180	.1277826
Stddev	.108336	.0037103	.0051435	.0002460	.008595	.40096	.0029749
%RSD	1.248254	.3926710	2.346109	.6316284	.8583517	.9628825	2.328111

#1	8.797346	.9420581	.2238219	.0388759	.993899	41.67624	.1271081
#2	8.654957	.9435288	.2136749	.0392231	.999509	42.02443	.1252029
#3	8.584716	.9490924	.2202137	.0387476	1.010777	41.22473	.1310369

Sample Name: M3883-09 Acquired: 01/10/2022 11:15:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.663054	.0810774	-.009167
Stddev	.010691	.0011920	.001716
%RSD	.6428400	1.470222	18.71350

#1	1.651922	.0819766	-.011018
#2	1.663999	.0797253	-.008853
#3	1.673240	.0815303	-.007631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.729	47580.75	7090.200	1317.672	1948.437
Stddev	2.828	111.34	12.805	13.568	6.479
%RSD	.1910879	.2340041	.1806036	1.029695	.3325364

#1	1482.991	47483.63	7075.559	1311.650	1953.490
#2	1477.986	47702.26	7095.730	1333.208	1950.689
#3	1478.209	47556.36	7099.311	1308.157	1941.132

Sample Name: M3883-10 Acquired: 01/10/2022 11:19:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209086	-.002768	7.022588	.0234535	.0037841	79.31935	2.123278
Stddev	.0179487	.005573	.025089	.0046369	.0004632	1.01778	.009506
%RSD	14.84484	201.3476	.3572584	19.77062	12.24137	1.283148	.4476958

#1	.1390248	.000151	6.994679	.0286196	.0034882	78.35233	2.112948
#2	.1031322	-.009194	7.043270	.0196521	.0035461	80.38125	2.131658
#3	.1205689	.000739	7.029815	.0220888	.0043179	79.22447	2.125226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127539	.0071945	56.24944	.1388136	.1152040	.2351913	216.7474
Stddev	.0002051	.0000701	.26209	.0011036	.0004431	.0052822	2.3425
%RSD	1.608204	.9739626	.4659394	.7950044	.3845758	2.245909	1.080735

#1	.0129561	.0072651	56.00009	.1390150	.1148332	.2291074	214.5641
#2	.0127596	.0071934	56.52264	.1376232	.1156946	.2386091	219.2218
#3	.0125460	.0071250	56.22560	.1398026	.1150843	.2378573	216.4562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.369028	12.11777	.2318719	-.013106	1.390910	.2555504	2.256595
Stddev	.061643	.07594	.0003760	.000420	.419422	.0019519	.079698
%RSD	.8365130	.6266805	.1621580	3.205967	30.15449	.7637929	3.531762

#1	7.308886	12.03032	.2316404	-.013548	.925882	.2547524	2.236340
#2	7.432070	12.16706	.2323058	-.013058	1.740585	.2541240	2.188979
#3	7.366128	12.15594	.2316696	-.012712	1.506262	.2577749	2.344466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.507702	.9529187	.2052674	.0251523	.4882850	41.89029	.0735612
Stddev	.181182	.0048877	.0071639	.0005299	.0029605	.24335	.0019934
%RSD	2.129628	.5129171	3.490027	2.106792	.6063063	.5809190	2.709889

#1	8.466988	.9472761	.1976432	.0245781	.4857317	41.89206	.0725603
#2	8.705777	.9556371	.2118588	.0252560	.4915301	42.13274	.0758568
#3	8.350341	.9558428	.2063002	.0256226	.4875932	41.64606	.0722666

Sample Name: M3883-10 Acquired: 01/10/2022 11:19:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.283819	.0673966	-.027683
Stddev	.008474	.0011681	.001907
%RSD	.6600936	1.733205	6.888121

#1	1.281522	.0660481	-.026012
#2	1.276730	.0680448	-.029760
#3	1.293205	.0680968	-.027276

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.743	49042.89	7279.888	1345.064	1963.864
Stddev	2.742	262.30	21.846	5.837	6.326
%RSD	.1791300	.5348417	.3000845	.4339389	.3220954

#1	1533.880	48964.82	7285.287	1339.670	1971.003
#2	1529.551	49335.37	7255.849	1351.260	1961.632
#3	1528.799	48828.49	7298.528	1344.261	1958.957

Sample Name: M3883-11 Acquired: 01/10/2022 11:24:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1248624	-.002469	5.532018	.0258316	.0127592	80.44371	1.990001
Stddev	.0136364	.004782	.018721	.0061015	.0023462	.27446	.011791
%RSD	10.92117	193.7018	.3384165	23.62023	18.38839	.3411860	.5925162

#1	.1231926	.001829	5.551069	.0246065	.0136660	80.57939	1.982234
#2	.1121378	-.007619	5.513645	.0204356	.0100949	80.12783	1.984200
#3	.1392569	-.001616	5.531339	.0324527	.0145166	80.62391	2.003569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141903	.0130273	49.38199	.1413011	.0894539	1.500214	246.9671
Stddev	.0000871	.0001814	.22708	.0009356	.0004203	.004295	.8890
%RSD	.6136775	1.392363	.4598496	.6621438	.4698960	.2862892	.3599750

#1	.0141856	.0130379	49.30950	.1403560	.0894757	1.504539	246.6644
#2	.0142797	.0128409	49.20001	.1422270	.0890231	1.495950	246.2689
#3	.0141057	.0132032	49.63647	.1413203	.0898629	1.500153	247.9679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733445	11.17354	.2157927	-.014256	1.621916	.3024046	2.937082
Stddev	.012246	.02523	.0008722	.000486	.190598	.0014281	.037448
%RSD	.2587029	.2257774	.4041800	3.406352	11.75142	.4722625	1.275009

#1	4.725364	11.16584	.2159004	-.013893	1.820584	.3039713	2.905986
#2	4.727438	11.15306	.2148717	-.014807	1.440570	.3011755	2.926609
#3	4.747534	11.20172	.2166061	-.014067	1.604595	.3020669	2.978652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62325	1.378011	.2441627	.0366651	.7862729	42.70369	.1537030
Stddev	.05792	.002555	.0018094	.0008639	.0002613	.22496	.0022733
%RSD	.5452087	.1854315	.7410513	2.356202	.0332297	.5267979	1.479023

#1	10.67450	1.380814	.2430537	.0360840	.7864949	42.52735	.1563143
#2	10.56041	1.375812	.2462507	.0362534	.7863389	42.62668	.1526294
#3	10.63484	1.377408	.2431839	.0376578	.7859850	42.95705	.1521654

Sample Name: M3883-11 Acquired: 01/10/2022 11:24:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.381216	.0664491	-.059938
Stddev	.014777	.0015958	.000523
%RSD	1.069862	2.401569	.8725019

#1	1.369092	.0648180	-.060407
#2	1.376880	.0665221	-.060034
#3	1.397676	.0680072	-.059374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.563	46931.41	6970.406	1294.007	1969.701
Stddev	1.853	310.06	42.338	11.233	.118
%RSD	.1264091	.6606620	.6074028	.8680869	.0059687

#1	1463.597	46816.46	6951.111	1285.800	1969.642
#2	1465.815	47282.52	7018.954	1306.809	1969.624
#3	1467.276	46695.24	6941.151	1289.412	1969.836

Sample Name: M3883-12 Acquired: 01/10/2022 11:28:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1442065	-.005430	3.060851	.0298436	.0102890	82.72360	1.639933
Stddev	.0145476	.007674	.011350	.0074659	.0023447	1.36425	.022404
%RSD	10.08802	141.3355	.3708131	25.01685	22.78799	1.649169	1.366173

#1	.1456709	-.012674	3.047975	.0366527	.0129529	84.29848	1.663671
#2	.1579664	-.006227	3.065174	.0310181	.0085388	81.96745	1.636970
#3	.1289821	.002612	3.069405	.0218601	.0093752	81.90485	1.619158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147218	.0065657	31.59948	.1366046	.1064290	1.645628	259.0876
Stddev	.0003207	.0003339	.42625	.0013074	.0003347	.027794	4.2412
%RSD	2.178298	5.085568	1.348912	.9570757	.3145297	1.688955	1.636958

#1	.0150907	.0061804	32.09046	.1356671	.1062903	1.676374	263.9835
#2	.0145655	.0067704	31.38387	.1380981	.1061859	1.622286	256.7402
#3	.0145093	.0067462	31.32411	.1360487	.1068108	1.638223	256.5392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.528631	10.83932	.2241495	-.014394	1.682390	.3303911	1.944642
Stddev	.106949	.18632	.0003127	.000340	.264369	.0086725	.010743
%RSD	1.638149	1.718910	.1395230	2.361019	15.71393	2.624908	.5524604

#1	6.651848	11.05037	.2237940	-.014155	1.413897	.3382519	1.942131
#2	6.474174	10.69765	.2243821	-.014783	1.942433	.3318336	1.956418
#3	6.459870	10.76994	.2242725	-.014244	1.690838	.3210878	1.935376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12653	1.355542	.2305203	.0344486	.6244662	42.00525	.6359106
Stddev	.34157	.003988	.0073059	.0004301	.0025000	.63538	.0046296
%RSD	3.373021	.2942298	3.169306	1.248615	.4003411	1.512614	.7280340

#1	10.51217	1.352367	.2389381	.0344238	.6225001	42.72865	.6390164
#2	9.86208	1.360018	.2258297	.0348907	.6272798	41.74949	.6381258
#3	10.00535	1.354239	.2267932	.0340315	.6236187	41.53761	.6305895

Sample Name: M3883-12 Acquired: 01/10/2022 11:28:05 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.411808	.0734569	-.115608
Stddev	.018044	.0009383	.002401
%RSD	1.278042	1.277398	2.077253

#1	1.430805	.0743903	-.118364
#2	1.409719	.0734667	-.113966
#3	1.394900	.0725137	-.114494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.960	48854.90	7142.297	1340.367	1977.473
Stddev	6.491	88.33	104.095	3.056	6.851
%RSD	.4276216	.1808076	1.457447	.2279627	.3464519

#1	1522.905	48956.66	7022.195	1341.098	1983.530
#2	1510.609	48810.03	7198.157	1342.990	1970.038
#3	1520.364	48798.00	7206.537	1337.012	1978.852

Sample Name: M3883-13 Acquired: 01/10/2022 11:32:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014652	-.002981	.9177931	.0189423	.0017838	69.05271	1.491117
Stddev	.0151563	.003396	.0023143	.0035136	.0014883	.50618	.009491
%RSD	14.93738	113.9404	.2521632	18.54893	83.43140	.7330292	.6365358

#1	.1110300	-.006893	.9188739	.0218821	.0006920	69.61721	1.500436
#2	.1093752	-.000792	.9193694	.0198939	.0034790	68.63922	1.491455
#3	.0839904	-.001257	.9151361	.0150509	.0011805	68.90172	1.481462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106243	.0026597	17.13726	.0975770	.1374848	.2508425	140.0172
Stddev	.0001394	.0001985	.09237	.0002523	.0009685	.0014012	.9356
%RSD	1.311642	7.463798	.5390236	.2585882	.7044063	.5586194	.6682319

#1	.0104930	.0027246	17.23842	.0973623	.1384498	.2523600	141.0765
#2	.0106094	.0024369	17.11597	.0975138	.1374917	.2495974	139.6713
#3	.0107705	.0028177	17.05739	.0978549	.1365129	.2505701	139.3037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.53984	9.149303	.2115861	-.009704	.8648642	.1985991	.8047650
Stddev	.07279	.051095	.0003248	.000441	.1224755	.0004718	.0408124
%RSD	.5804597	.5584564	.1535175	4.543904	14.16124	.2375827	5.071347

#1	12.62303	9.202784	.2112115	-.010191	.9831650	.1989393	.8094168
#2	12.50865	9.100987	.2117884	-.009586	.7386024	.1980605	.8430522
#3	12.48785	9.144137	.2117585	-.009334	.8728253	.1987975	.7618260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.181450	.9404918	.1012575	.0233351	.2055127	36.99413	.0124353
Stddev	.099235	.0020806	.0027195	.0001724	.0017268	.23925	.0030894
%RSD	1.381826	.2212219	2.685760	.7387463	.8402615	.6467318	24.84360

#1	7.288931	.9428787	.1022222	.0235311	.2075051	36.79127	.0150292
#2	7.093307	.9390626	.1033632	.0232675	.2044462	36.93314	.0090175
#3	7.162112	.9395339	.0981871	.0232068	.2045870	37.25797	.0132592

Sample Name: M3883-13 Acquired: 01/10/2022 11:32:08 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8231681	.0546893	-.049455
Stddev	.0054773	.0023429	.000990
%RSD	.6653876	4.283973	2.001452

#1	.8258581	.0559705	-.050589
#2	.8267803	.0561121	-.049009
#3	.8168660	.0519852	-.048766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.477	55946.20	8255.654	1555.849	1996.240
Stddev	4.126	212.28	17.758	15.621	5.686
%RSD	.2350428	.3794304	.2150956	1.003994	.2848300

#1	1751.347	55701.27	8239.454	1548.311	1993.386
#2	1755.484	56060.43	8252.868	1545.427	1992.546
#3	1759.599	56076.90	8274.640	1573.809	2002.787

Sample Name: M3883-14 Acquired: 01/10/2022 11:36:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097578	-.002425	1.066984	.0313774	.0083727	95.38226	1.098815
Stddev	.0169869	.003000	.002200	.0065757	.0022193	1.37233	.003273
%RSD	15.47670	123.6914	.2061946	20.95677	26.50644	1.438767	.2978446

#1	.1290969	-.000481	1.068755	.0384622	.0091716	95.51751	1.100134
#2	.1029261	-.000915	1.067674	.0302004	.0100819	93.94732	1.095088
#3	.0972504	-.005880	1.064521	.0254697	.0058645	96.68196	1.101222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099507	.0022379	51.37466	.1751526	.1153192	.1991700	212.7634
Stddev	.0000578	.0002274	.28619	.0003066	.0004253	.0034885	2.6346
%RSD	.5810249	10.15937	.5570688	.1750180	.3688187	1.751513	1.238272

#1	.0099184	.0019849	51.41008	.1755064	.1155934	.1990879	212.9220
#2	.0099162	.0024252	51.07241	.1749641	.1148292	.1957233	210.0531
#3	.0100175	.0023036	51.64150	.1749875	.1155349	.2026989	215.3152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.761301	30.79921	.2656792	-.013834	.6211663	.2428728	1.226488
Stddev	.059172	.35687	.0009787	.000297	.0952755	.0053452	.017184
%RSD	1.027064	1.158690	.3683891	2.145673	15.33817	2.200818	1.401109

#1	5.769099	30.87848	.2665820	-.013851	.5147371	.2484919	1.232815
#2	5.698617	30.40938	.2658166	-.014122	.6502549	.2378519	1.207037
#3	5.816188	31.10978	.2646390	-.013529	.6985067	.2422745	1.239612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.578876	.6928971	.1231700	.0118990	.3090877	39.49516	.0108918
Stddev	.184373	.0031038	.0041651	.0006774	.0020922	.26289	.0019763
%RSD	1.924790	.4479434	3.381564	5.693139	.6769031	.6656184	18.14477

#1	9.522003	.6964715	.1191540	.0112564	.3115012	39.65532	.0102192
#2	9.429640	.6913365	.1228864	.0118340	.3079750	39.19176	.0093396
#3	9.784985	.6908833	.1274697	.0126066	.3077870	39.63839	.0131166

Sample Name: M3883-14 Acquired: 01/10/2022 11:36:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9149216	.0984630	-.081173
Stddev	.0018333	.0002451	.002484
%RSD	.2003756	.2489037	3.059869

#1	.9134699	.0983179	-.081778
#2	.9169817	.0983251	-.078442
#3	.9143131	.0987459	-.083298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.647	47309.74	7105.871	1320.606	1920.816
Stddev	.794	194.39	64.770	14.503	5.506
%RSD	.0538733	.4108798	.9114998	1.098177	.2866264

#1	1473.263	47511.98	7108.832	1328.665	1914.721
#2	1474.561	47292.95	7169.110	1329.290	1922.301
#3	1473.120	47124.30	7039.672	1303.864	1925.428

Sample Name: M3883-15 Acquired: 01/10/2022 11:40:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212564	-.011248	.7532298	.0337612	.0018850	103.2448	1.153385
Stddev	.0163790	.003238	.0024914	.0036808	.0039360	.4285	.002006
%RSD	13.50772	28.78490	.3307621	10.90248	208.8050	.4150776	.1739158

#1	.1349011	-.010322	.7554977	.0297906	-.000994	103.6746	1.151328
#2	.1030922	-.008574	.7505631	.0370596	.000279	103.2425	1.153492
#3	.1257759	-.014848	.7536286	.0344334	.006370	102.8175	1.155336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110127	.0024618	61.00131	.3102731	.1311594	.2177753	242.7453
Stddev	.0004054	.0000353	.21839	.0196284	.0007609	.0015958	.7971
%RSD	3.681138	1.435679	.3580142	6.326169	.5801304	.7327671	.3283575

#1	.0114550	.0024214	61.25152	.3229659	.1320380	.2166028	243.6566
#2	.0109244	.0024872	60.90341	.3201884	.1307109	.2195926	242.4012
#3	.0106588	.0024768	60.84899	.2876650	.1307295	.2171304	242.1781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.499198	34.95904	.3691517	-.014826	.8512863	.2548710	1.179053
Stddev	.019730	.23762	.0013722	.001999	.3231065	.0045809	.052544
%RSD	.3035752	.6797184	.3717052	13.48393	37.95510	1.797351	4.456477

#1	6.521399	35.23342	.3704950	-.016486	1.176611	.2561302	1.211361
#2	6.492528	34.82145	.3677524	-.015384	.530445	.2586907	1.207374
#3	6.483668	34.82224	.3692078	-.012607	.846803	.2497922	1.118424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.718637	.7400772	.1313166	.0141942	.2799505	43.78389	.0340680
Stddev	.180972	.0035228	.0120594	.0006390	.0010745	1.06656	.0024359
%RSD	1.862108	.4760022	9.183450	4.501865	.3838002	2.435974	7.150089

#1	9.836287	.7435641	.1189818	.0146753	.2811737	44.99091	.0314186
#2	9.809377	.7401478	.1318876	.0134692	.2795187	43.39224	.0362107
#3	9.510248	.7365196	.1430803	.0144382	.2791591	42.96852	.0345747

Sample Name: M3883-15 Acquired: 01/10/2022 11:40:18 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8013981	.1128932	-.092620
Stddev	.0021885	.0007521	.000597
%RSD	.2730908	.6661685	.6447026

#1	.7988735	.1137511	-.093125
#2	.8025621	.1125806	-.091960
#3	.8027586	.1123478	-.092774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.806	49642.74	7192.161	1382.620	1924.332
Stddev	1.325	2604.55	69.430	79.518	3.552
%RSD	.0889114	5.246594	.9653519	5.751228	.1845951

#1	1488.300	48561.80	7125.974	1365.454	1920.935
#2	1490.330	47752.70	7186.077	1313.087	1928.022
#3	1490.789	52613.72	7264.433	1469.318	1924.040

Sample Name: M3883-16 Acquired: 01/10/2022 11:44:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130971	-.008958	.8520084	.0343294	.0054390	75.92599	1.097695
Stddev	.0074789	.006106	.0021771	.0024139	.0029734	.72180	.002131
%RSD	6.612828	68.16731	.2555283	7.031703	54.66694	.9506606	.1941307

#1	.1195051	-.011363	.8526323	.0339522	.0032738	75.24206	1.095342
#2	.1048794	-.002015	.8495874	.0321262	.0042141	75.85544	1.098249
#3	.1149069	-.013496	.8538054	.0369097	.0088292	76.68047	1.099495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098575	.0026567	41.87345	.1642026	.1072256	.1603338	178.6867
Stddev	.0000981	.0001758	.24829	.0007281	.0003101	.0030666	1.3092
%RSD	.9948992	6.616916	.5929430	.4434396	.2892178	1.912614	.7326814

#1	.0097653	.0026146	41.66870	.1649471	.1075800	.1613914	177.2945
#2	.0099606	.0028497	41.80203	.1634920	.1070041	.1568785	178.8723
#3	.0098465	.0025058	42.14962	.1641686	.1070927	.1627317	179.8931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.489721	20.00806	.2335017	-.011172	.9057356	.2745716	.9547496
Stddev	.046850	.18038	.0006536	.000152	.0624599	.0036483	.0288797
%RSD	.7219098	.9015551	.2799203	1.361229	6.896039	1.328725	3.024850

#1	6.446201	19.80109	.2341028	-.011314	.9490757	.2724462	.9590705
#2	6.483652	20.09127	.2335965	-.011191	.8341410	.2724844	.9239529
#3	6.539310	20.13181	.2328059	-.011012	.9339901	.2787843	.9812254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.325709	.5144726	.1624488	.0221273	1.876007	27.47271	.0077455
Stddev	.146292	.0014337	.0011744	.0004029	.003402	.04574	.0023338
%RSD	1.996969	.2786670	.7229456	1.820720	.1813207	.1665043	30.13037

#1	7.156923	.5156675	.1613463	.0222949	1.877752	27.45483	.0071925
#2	7.404188	.5128829	.1623161	.0224192	1.878181	27.52469	.0103061
#3	7.416015	.5148674	.1636839	.0216676	1.872087	27.43861	.0057380

Sample Name: M3883-16 Acquired: 01/10/2022 11:44:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.409661	.0760723	-.037696
Stddev	.006912	.0006620	.001085
%RSD	.4902979	.8701994	2.877150

#1	1.417453	.0756674	-.036576
#2	1.407262	.0768362	-.037770
#3	1.404269	.0757132	-.038741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.461	46915.14	7020.638	1293.284	1921.547
Stddev	4.140	214.80	27.276	1.980	6.253
%RSD	.2830961	.4578401	.3885096	.1531221	.3254223

#1	1465.853	46802.23	7034.640	1292.715	1922.950
#2	1457.847	47162.84	7038.070	1295.486	1914.711
#3	1463.681	46780.34	6989.205	1291.650	1926.979

Sample Name: M3883-17 Acquired: 01/10/2022 11:48:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341771	-.010194	2.343785	.0251537	.0027250	82.06906	1.505620
Stddev	.0075585	.005812	.006967	.0086023	.0018110	.43973	.003282
%RSD	5.633240	57.01127	.2972746	34.19894	66.45949	.5358105	.2179869

#1	.1381429	-.005272	2.335814	.0348659	.0038634	81.58437	1.506021
#2	.1389273	-.016606	2.348717	.0184937	.0036750	82.18036	1.502155
#3	.1254610	-.008705	2.346824	.0221015	.0006367	82.44245	1.508682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103291	.0039072	42.45313	.1463953	.1338103	.1853654	198.7836
Stddev	.0001018	.0000647	.08008	.0016849	.0000659	.0043407	.5869
%RSD	.9852087	1.655099	.1886367	1.150930	.0492529	2.341684	.2952465

#1	.0103825	.0039817	42.38198	.1461784	.1337649	.1835222	198.1814
#2	.0102118	.0038654	42.43755	.1448293	.1338859	.1903235	198.8157
#3	.0103931	.0038746	42.53985	.1481781	.1337801	.1822504	199.3538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.101981	15.64758	.2183367	-.012811	.9918157	.2330113	1.843431
Stddev	.024778	.02718	.0005019	.000417	.0655237	.0027610	.053519
%RSD	.3058284	.1737178	.2298890	3.253285	6.606436	1.184917	2.903246

#1	8.076555	15.64976	.2187415	-.012581	1.050303	.2338230	1.781639
#2	8.103331	15.61937	.2184934	-.012561	.921005	.2299355	1.873534
#3	8.126056	15.67360	.2177751	-.013293	1.004139	.2352755	1.875121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.280968	.8967193	.1355088	.0138537	.5333193	42.55172	.0145139
Stddev	.111090	.0021769	.0030046	.0007204	.0023773	.19850	.0035097
%RSD	1.525761	.2427654	2.217251	5.200145	.4457619	.4664843	24.18158

#1	7.312432	.8963396	.1320533	.0146452	.5329457	42.74964	.0180939
#2	7.372933	.8947573	.1369684	.0136795	.5311509	42.35265	.0110790
#3	7.157540	.8990611	.1375047	.0132364	.5358613	42.55288	.0143687

Sample Name: M3883-17 Acquired: 01/10/2022 11:48:25 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3E8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8855290	.0743002	-.052234
Stddev	.0044580	.0012292	.000550
%RSD	.5034241	1.654297	1.052142

#1	.8873858	.0738856	-.051600
#2	.8804428	.0756830	-.052552
#3	.8887585	.0733319	-.052551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.311	49351.85	7341.187	1365.524	1975.479
Stddev	1.799	164.34	26.974	16.201	3.342
%RSD	.1172296	.3330007	.3674295	1.186398	.1691948

#1	1533.765	49541.54	7371.884	1381.815	1978.740
#2	1532.849	49261.53	7321.275	1365.340	1972.061
#3	1536.320	49252.47	7330.400	1349.416	1975.635

Sample Name: M3883-18 Acquired: 01/10/2022 11:52:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1157248	-.002109	.4797538	.0248719	.0031878	97.06954	1.124118
Stddev	.0074461	.004777	.0046817	.0082466	.0029320	.17785	.000818
%RSD	6.434310	226.4731	.9758509	33.15620	91.97444	.1832157	.0727995

#1	.1177485	-.005758	.4833074	.0155102	.0003645	96.90228	1.123200
#2	.1074760	.003298	.4815051	.0310611	.0029813	97.04997	1.124771
#3	.1219498	-.003868	.4744490	.0280443	.0062175	97.25636	1.124384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101028	.0022960	63.80861	.1832332	.1215266	.2025746	219.8382
Stddev	.0002482	.0000678	.07539	.0004014	.0007148	.0032156	.2855
%RSD	2.456620	2.952120	.1181559	.2190416	.5882240	1.587384	.1298697

#1	.0103784	.0023594	63.72201	.1835026	.1216410	.1988669	219.6803
#2	.0098971	.0023041	63.84414	.1827719	.1221774	.2042542	220.1677
#3	.0100328	.0022246	63.85967	.1834250	.1207615	.2046026	219.6665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.569797	34.82928	.2783471	-.013963	.8428463	.2293347	1.266243
Stddev	.001184	.05689	.0006906	.000617	.1607634	.0017537	.010793
%RSD	.0180254	.1633342	.2481095	4.417880	19.07387	.7646873	.8523563

#1	6.569480	34.78797	.2776312	-.013604	.9460246	.2299811	1.278457
#2	6.568803	34.80570	.2790093	-.014676	.6576138	.2273496	1.262285
#3	6.571107	34.89417	.2784007	-.013610	.9249004	.2306735	1.257989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82244	.8375726	.1288883	.0108517	.2755068	46.92277	.0022399
Stddev	.08152	.0020403	.0026841	.0003866	.0034466	.50482	.0020409
%RSD	.7532177	.2435986	2.082513	3.562561	1.251013	1.075846	91.11204

#1	10.81149	.8372117	.1293357	.0104245	.2755130	46.61883	.0000366
#2	10.90887	.8397692	.1313205	.0109530	.2789503	47.50550	.0040655
#3	10.74694	.8357367	.1260085	.0111775	.2720571	46.64399	.0026178

Sample Name: M3883-18 Acquired: 01/10/2022 11:52:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3E9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6932081	.1078191	-.067185
Stddev	.0014490	.0017581	.000327
%RSD	.2090287	1.630604	.4873251

#1	.6917511	.1098482	-.067344
#2	.6946490	.1068582	-.066809
#3	.6932243	.1067509	-.067403

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.212	47685.88	7182.983	1320.073	1946.717
Stddev	2.348	240.10	49.549	6.504	3.638
%RSD	.1588193	.5035005	.6898103	.4926712	.1868781

#1	1479.908	47767.86	7215.167	1313.982	1950.914
#2	1475.533	47874.25	7125.925	1319.314	1944.458
#3	1479.196	47415.53	7207.858	1326.923	1944.780

Sample Name: M3883-19 Acquired: 01/10/2022 11:56:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263381	-.005687	.9672290	.0302802	.0069965	106.1837	1.300423
Stddev	.0201276	.005384	.0051208	.0110090	.0026296	1.2550	.002869
%RSD	15.93154	94.66751	.5294286	36.35693	37.58486	1.181891	.2206321

#1	.1483764	-.000695	.9652764	.0200032	.0061624	105.8431	1.300151
#2	.1217108	-.011393	.9633719	.0289392	.0048850	107.5739	1.303418
#3	.1089272	-.004974	.9730389	.0418982	.0099420	105.1343	1.297700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121502	.0046636	72.15466	.2158478	.1570753	.2622678	256.3123
Stddev	.0001434	.0002035	.30879	.0011495	.0004069	.0085056	2.4303
%RSD	1.180554	4.364479	.4279574	.5325536	.2590421	3.243087	.9481712

#1	.0120820	.0048424	72.18257	.2157332	.1566055	.2594965	255.3499
#2	.0120535	.0044421	72.44854	.2147599	.1573149	.2718134	259.0764
#3	.0123150	.0047064	71.83286	.2170503	.1573055	.2554935	254.5107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.152606	40.91659	.3361379	-.016083	.9191323	.2738592	1.415012
Stddev	.073270	.37214	.0016057	.000628	.1686627	.0016051	.028273
%RSD	.8005366	.9095057	.4776921	3.902177	18.35021	.5860848	1.998048

#1	9.134193	40.85737	.3370659	-.015687	.7808971	.2749277	1.447299
#2	9.233326	41.31479	.3370641	-.015755	1.107058	.2746363	1.394683
#3	9.090299	40.57761	.3342838	-.016806	.869442	.2720135	1.403054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45631	.9132566	.1423855	.0154890	.2826773	43.54630	.0186196
Stddev	.24019	.0047011	.0079322	.0004851	.0011982	.24499	.0016010
%RSD	2.297057	.5147665	5.570964	3.132022	.4238865	.5625896	8.598260

#1	10.39492	.9110427	.1494880	.0150935	.2813006	43.28450	.0169634
#2	10.72123	.9100712	.1438428	.0153432	.2832457	43.58440	.0187364
#3	10.25277	.9186560	.1338256	.0160303	.2834855	43.77001	.0201589

Sample Name: M3883-19 Acquired: 01/10/2022 11:56:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8242276	.1241465	-.080575
Stddev	.0029427	.0007543	.002132
%RSD	.3570232	.6076124	2.646507

#1	.8247142	.1233774	-.079954
#2	.8210719	.1241768	-.082949
#3	.8268966	.1248852	-.078823

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.517	48200.22	7171.099	1338.995	1917.201
Stddev	1.211	102.55	36.684	10.084	1.902
%RSD	.0813178	.2127670	.5115513	.7531095	.0992259

#1	1488.617	48279.40	7202.060	1341.090	1917.968
#2	1489.040	48084.37	7130.583	1328.028	1918.601
#3	1490.894	48236.90	7180.656	1347.867	1915.035

Sample Name: M3883-20 Acquired: 01/10/2022 12:00:38 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3F1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1471873	-.008256	1.192002	.0332522	.0029043	102.0397	1.267436
Stddev	.0080093	.003938	.007270	.0031189	.0039148	1.0134	.003079
%RSD	5.441554	47.69668	.6099224	9.379390	134.7946	.9931336	.2429051

#1	.1483318	-.003853	1.184304	.0333531	-.001511	102.9338	1.266437
#2	.1386673	-.009476	1.192952	.0363195	.005952	100.9389	1.264981
#3	.1545628	-.011440	1.198751	.0300842	.004272	102.2464	1.270890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123316	.0024223	30.80400	.1892846	.1451664	.2817050	236.7544
Stddev	.0000986	.0001844	.10220	.0000810	.0005230	.0050074	1.8201
%RSD	.7997496	7.612990	.3317859	.0428144	.3603058	1.777522	.7687521

#1	.0123935	.0023091	30.80948	.1893746	.1448471	.2858278	238.4311
#2	.0122178	.0026351	30.69917	.1892617	.1448822	.2761328	234.8187
#3	.0123834	.0023226	30.90336	.1892174	.1457701	.2831544	237.0132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.614111	19.46186	.2567232	-.015236	1.062858	.2818125	1.231445
Stddev	.044094	.23198	.0014283	.000508	.191754	.0024695	.023997
%RSD	.5791041	1.191993	.5563464	3.336412	18.04133	.8762834	1.948719

#1	7.648758	19.68823	.2564924	-.014779	1.001763	.2845487	1.226565
#2	7.564478	19.22464	.2554244	-.015783	1.277715	.2811393	1.210262
#3	7.629097	19.47270	.2582528	-.015145	.909096	.2797494	1.257507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.893627	.9355325	.1646135	.0215728	.2301871	41.77688	.2010197
Stddev	.138335	.0003021	.0050978	.0002600	.0010715	.20851	.0034919
%RSD	1.398220	.0322900	3.096813	1.205323	.4654735	.4990948	1.737074

#1	10.03497	.9358205	.1704738	.0212939	.2293831	41.53882	.2040071
#2	9.88739	.9355590	.1621633	.0218085	.2314035	41.86480	.2018711
#3	9.75851	.9352180	.1612035	.0216160	.2297747	41.92703	.1971808

Sample Name: M3883-20 Acquired: 01/10/2022 12:00:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.104784	.1000758	-.124504
Stddev	.011315	.0007081	.002066
%RSD	1.024217	.7075803	1.659675

#1	1.097925	.0995885	-.126485
#2	1.117844	.1008881	-.122362
#3	1.098582	.0997509	-.124666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.099	48797.11	7298.541	1356.376	1961.159
Stddev	3.821	247.31	14.213	3.452	4.007
%RSD	.2497341	.5068112	.1947393	.2545227	.2043019

#1	1532.994	48760.96	7304.262	1353.124	1964.221
#2	1531.536	48569.86	7282.359	1359.999	1962.631
#3	1525.768	49060.50	7309.003	1356.005	1956.624

Sample Name: M3883-21 Acquired: 01/10/2022 12:04:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1419092	-.004327	1.214887	.0373029	.0052894	102.3709	1.375291
Stddev	.0116699	.006961	.002010	.0091260	.0016608	.2827	.000311
%RSD	8.223473	160.8576	.1654104	24.46460	31.39854	.2761195	.0226187

#1	.1528778	-.000777	1.217198	.0464320	.0047538	102.6817	1.375448
#2	.1432039	.000143	1.213905	.0281800	.0071519	102.1293	1.374933
#3	.1296460	-.012347	1.213557	.0372966	.0039624	102.3016	1.375492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125983	.0027703	30.76276	.1935880	.1443969	.2751820	236.4648
Stddev	.0001600	.0002132	.07811	.0006022	.0001344	.0027083	.5121
%RSD	1.270428	7.697132	.2539082	.3110637	.0930837	.9841986	.2165592

#1	.0127829	.0028995	30.77638	.1935711	.1445501	.2777529	237.0288
#2	.0124973	.0025241	30.67874	.1941985	.1442989	.2723545	236.0290
#3	.0125149	.0028870	30.83316	.1929945	.1443418	.2754385	236.3365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.590143	19.60006	.2581258	-.014846	1.263538	.2845653	1.186488
Stddev	.018630	.05546	.0007326	.000390	.069379	.0030738	.013329
%RSD	.2454506	.2829786	.2838049	2.630040	5.490878	1.080170	1.123402

#1	7.611652	19.63477	.2587985	-.015149	1.261239	.2843772	1.173926
#2	7.579698	19.53610	.2573453	-.014984	1.334038	.2877288	1.185068
#3	7.579079	19.62932	.2582336	-.014405	1.195337	.2815899	1.200470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.919555	.9518459	.1583165	.0206548	.2368614	42.16011	.1619532
Stddev	.053794	.0043239	.0072387	.0004425	.0015055	.07217	.0026209
%RSD	.5423022	.4542684	4.572277	2.142423	.6355888	.1711850	1.618335

#1	9.931213	.9563607	.1661761	.0203076	.2382482	42.17708	.1628886
#2	9.860888	.9477422	.1568504	.0205036	.2352602	42.08097	.1639782
#3	9.966564	.9514349	.1519232	.0211530	.2370758	42.22229	.1589929

Sample Name: M3883-21 Acquired: 01/10/2022 12:04:43 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3F1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.120089	.1011593	-.122499
Stddev	.003129	.0032640	.000814
%RSD	.2793164	3.226620	.6648360

#1	1.116477	.0981836	-.123438
#2	1.121838	.1046503	-.121997
#3	1.121953	.1006441	-.122061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.873	49161.71	7282.465	1363.973	1949.425
Stddev	2.145	176.47	33.009	4.662	4.206
%RSD	.1413002	.3589606	.4532722	.3418167	.2157720

#1	1517.627	49324.22	7291.301	1360.211	1946.602
#2	1520.130	49186.93	7310.157	1369.189	1954.260
#3	1515.862	48973.99	7245.936	1362.520	1947.415

Sample Name: M3883-20LX5 Acquired: 01/10/2022 12:08:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462158	-.003412	.2414475	.0061933	.0003898	23.44812	.2920553
Stddev	.0019852	.007372	.0021169	.0017819	.0018399	.11228	.0022936
%RSD	4.295471	216.0572	.8767696	28.77116	471.9632	.4788439	.7853420

#1	.0464895	-.010466	.2393547	.0082377	.0009746	23.36211	.2897591
#2	.0441080	-.004014	.2435878	.0053719	.0018662	23.40711	.2920605
#3	.0480500	.004242	.2414000	.0049702	-.001671	23.57514	.2943463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027413	.0001988	7.147247	.0449456	.0283202	.0676892	55.78002
Stddev	.0000932	.0000969	.017594	.0003995	.0002231	.0032112	.16227
%RSD	3.398392	48.73633	.2461623	.8887917	.7878080	4.743999	.2909063

#1	.0028375	.0001015	7.163113	.0445460	.0284453	.0683136	55.71792
#2	.0026514	.0001996	7.150303	.0453450	.0284526	.0642117	55.65798
#3	.0027351	.0002952	7.128325	.0449460	.0280626	.0705423	55.96417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.790654	4.596899	.0522699	-.002532	-.144775	.0621951	.2945261
Stddev	.006722	.022017	.0008364	.000227	.137538	.0035299	.0180006
%RSD	.3754072	.4789458	1.600164	8.954964	95.00145	5.675481	6.111708

#1	1.791670	4.619310	.0531922	-.002359	-.297106	.0617129	.2752300
#2	1.783482	4.596089	.0515607	-.002789	-.029709	.0589311	.2974835
#3	1.796811	4.575299	.0520567	-.002449	-.107509	.0659413	.3108649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863226	.1775859	.0376459	.0047541	.0433477	9.714652	.0232500
Stddev	.115641	.0008896	.0016332	.0007024	.0007357	.163013	.0022788
%RSD	6.206473	.5009157	4.338183	14.77397	1.697272	1.678007	9.801405

#1	1.985422	.1777051	.0377281	.0048619	.0426192	9.738926	.0208648
#2	1.848753	.1766428	.0359732	.0053964	.0433334	9.864167	.0254050
#3	1.755503	.1784099	.0392364	.0040041	.0440905	9.540864	.0234803

Sample Name: M3883-20LX5 Acquired: 01/10/2022 12:08:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX3F1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2567297	.0178301	-.029887
Stddev	.0017754	.0013735	.000126
%RSD	.6915426	7.702945	.4206746

#1	.2550461	.0162692	-.029835
#2	.2565585	.0183680	-.029794
#3	.2585845	.0188533	-.030030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.097	43859.62	6436.124	1217.931	2081.758
Stddev	3.924	202.19	63.247	14.321	5.108
%RSD	.2864041	.4610045	.9826834	1.175869	.2453795

#1	1371.517	43631.75	6391.147	1213.848	2078.223
#2	1373.113	44017.60	6408.782	1233.851	2087.615
#3	1365.660	43929.51	6508.441	1206.095	2079.437

Sample Name: M3883-22 Acquired: 01/10/2022 12:12:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2186473	.0752811	1.146287	.1097918	.0243099	106.0145	5.296155
Stddev	.0130726	.0070838	.002561	.0056055	.0020304	1.8887	.053269
%RSD	5.978829	9.409814	.2234104	5.105575	8.352198	1.781564	1.005797

#1	.2336969	.0699769	1.146459	.1119064	.0266232	104.0944	5.237577
#2	.2101115	.0833258	1.143645	.1140324	.0228227	107.8702	5.341693
#3	.2121333	.0725407	1.148758	.1034366	.0234840	106.0790	5.309195

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097181	.1063737	36.82574	.5680549	1.143732	.6969386	227.4296
Stddev	.0019203	.0002929	.42100	.0014950	.002218	.0146322	3.1764
%RSD	1.750253	.2753452	1.143214	.2631703	.1939580	2.099500	1.396672

#1	.1079708	.1064988	36.38984	.5675304	1.146043	.6843809	224.2442
#2	.1117740	.1060390	37.23005	.5697414	1.141620	.7130067	230.5970
#3	.1094094	.1065832	36.85732	.5668928	1.143531	.6934282	227.4476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.991281	19.43886	1.353698	.0702665	1.357407	1.197008	2.045336
Stddev	.094807	.25655	.003704	.0001774	.379695	.016142	.020832
%RSD	1.186382	1.319780	.2736296	.2525082	27.97207	1.348506	1.018525

#1	7.891964	19.15742	1.351136	.0703418	1.463042	1.178450	2.021331
#2	8.080820	19.65966	1.352013	.0700638	.936080	1.204775	2.056003
#3	8.001059	19.49949	1.357945	.0703939	1.673099	1.207797	2.058675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15853	.8645694	.1760503	.0198514	.2545091	38.75389	.0147476
Stddev	.22126	.0035546	.0046484	.0006738	.0005545	.65797	.0013692
%RSD	2.178086	.4111474	2.640394	3.394136	.2178825	1.697821	9.284183

#1	9.93964	.8669750	.1707132	.0191516	.2548343	38.14163	.0131973
#2	10.38209	.8604864	.1792125	.0204958	.2548241	39.44961	.0152544
#3	10.15384	.8662467	.1782254	.0199068	.2538688	38.67044	.0157912

Sample Name: M3883-22 Acquired: 01/10/2022 12:12:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX3F1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.206761	.0963998	-.091764
Stddev	.007201	.0004935	.001947
%RSD	.5967108	.5119699	2.121263

#1	1.200302	.0960206	-.089837
#2	1.214525	.0962208	-.093729
#3	1.205455	.0969578	-.091726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.805	48540.58	7211.436	1348.943	1938.079
Stddev	1.981	120.99	99.664	9.784	.532
%RSD	.1325299	.2492566	1.382027	.7253337	.0274250

#1	1492.665	48404.31	7300.949	1344.368	1937.638
#2	1496.576	48635.38	7104.042	1360.177	1937.930
#3	1495.173	48582.05	7229.317	1342.284	1938.669

Sample Name: M4452-01 Acquired: 01/10/2022 12:16:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952817	-.006050	3.371007	.0255065	.0052639	109.3957	2.057599
Stddev	.0111370	.003107	.008423	.0027790	.0027115	.7114	.003745
%RSD	11.68852	51.35532	.2498729	10.89541	51.51062	.6503129	.1820119

#1	.1021958	-.008771	3.380199	.0247140	.0031257	109.7693	2.057489
#2	.0824343	-.002665	3.363658	.0232098	.0043524	108.5753	2.053910
#3	.1012151	-.006712	3.369162	.0285957	.0083137	109.8425	2.061398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116346	.0632440	65.22916	.1801180	.0797429	.2209189	185.8721
Stddev	.0001434	.0002706	.28199	.0006422	.0002078	.0055739	.8494
%RSD	1.232457	.4278091	.4323086	.3565288	.2606079	2.523061	.4570042

#1	.0116624	.0635563	65.41184	.1804285	.0796254	.2213262	186.7789
#2	.0114794	.0630807	64.90438	.1793796	.0796204	.2151526	185.0949
#3	.0117621	.0630950	65.37124	.1805459	.0799828	.2262781	185.7424

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.956873	22.06344	.1923067	-.010597	1.014365	.2992827	7.962621
Stddev	.023915	.19106	.0011394	.000039	.326296	.0045136	.278937
%RSD	.4014626	.8659472	.5925133	.3655135	32.16752	1.508144	3.503085

#1	5.982000	22.05820	.1909975	-.010631	.637636	.2953173	8.048639
#2	5.934391	21.87506	.1928478	-.010605	1.197705	.2983363	7.650806
#3	5.954228	22.25707	.1930748	-.010555	1.207755	.3041945	8.188418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.88214	.9282513	.1598185	.0055419	.4202670	51.37652	.0121392
Stddev	.09666	.0021414	.0045929	.0004973	.0021477	.33329	.0025232
%RSD	.6962570	.2306918	2.873831	8.973851	.5110195	.6487247	20.78538

#1	13.94128	.9293735	.1645746	.0049837	.4178943	51.42098	.0121811
#2	13.77060	.9257820	.1594724	.0057041	.4208284	51.02323	.0146412
#3	13.93453	.9295983	.1554084	.0059379	.4220781	51.68535	.0095954

Sample Name: M4452-01 Acquired: 01/10/2022 12:16:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBA4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.222876	.0780358	.0416993
Stddev	.004056	.0012637	.0008884
%RSD	.3316873	1.619344	2.130588

#1	1.218218	.0770445	.0406977
#2	1.225635	.0776042	.0423922
#3	1.224774	.0794587	.0420079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.997	46853.74	7078.222	1301.012	1932.967
Stddev	2.421	122.07	51.135	6.227	3.522
%RSD	.1668604	.2605301	.7224287	.4786656	.1821882

#1	1450.710	46940.55	7079.327	1296.417	1929.137
#2	1448.732	46906.50	7128.795	1308.100	1933.699
#3	1453.548	46714.17	7026.543	1298.520	1936.065

Sample Name: M4452-02 Acquired: 01/10/2022 12:20:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3176552	-.004622	1.845326	.0227514	.0058426	102.5127	2.382161
Stddev	.0070341	.002068	.006828	.0032612	.0039566	.5292	.004353
%RSD	2.214367	44.73499	.3700205	14.33428	67.71942	.5162061	.1827434

#1	.3229741	-.002576	1.838911	.0253647	.0037507	101.9429	2.377304
#2	.3096797	-.006711	1.844564	.0237930	.0033711	102.6063	2.383470
#3	.3203116	-.004579	1.852503	.0190966	.0104060	102.9888	2.385710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112897	.1761245	109.3843	.1681696	.0688853	.5142224	171.0880
Stddev	.0002170	.0003859	.3325	.0009751	.0003544	.0041637	.9563
%RSD	1.922326	.2190874	.3039954	.5798461	.5145191	.8097084	.5589342

#1	.0110398	.1757491	109.0185	.1672049	.0684916	.5095203	169.9955
#2	.0114305	.1761043	109.4660	.1691549	.0691789	.5157049	171.4952
#3	.0113988	.1765200	109.6684	.1681490	.0689855	.5174420	171.7732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.745394	27.61149	.1960852	-.006134	1.513797	.2202997	22.97027
Stddev	.037676	.19867	.0006271	.000222	.125337	.0025555	.40581
%RSD	.5585500	.7195093	.3198167	3.622599	8.279612	1.160021	1.766674

#1	6.703637	27.38788	.1954744	-.006334	1.420758	.2173590	22.63087
#2	6.755702	27.76763	.1967275	-.006174	1.656322	.2219820	22.86017
#3	6.776844	27.67898	.1960536	-.005895	1.464311	.2215580	23.41977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.89199	1.307207	.2162478	.0045677	.4902766	52.64683	.0035071
Stddev	.19711	.007198	.0027810	.0003902	.0019242	.37056	.0011393
%RSD	1.101648	.5506033	1.286026	8.542022	.3924811	.7038550	32.48492

#1	17.74527	1.311859	.2140477	.0048639	.4907392	52.45044	.0048226
#2	18.11604	1.298917	.2153222	.0047137	.4881632	53.07424	.0028515
#3	17.81467	1.310846	.2193736	.0041256	.4919274	52.41580	.0028472

Sample Name: M4452-02 Acquired: 01/10/2022 12:20:58 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBA5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7564960	.0717914	.1701537
Stddev	.0043206	.0009268	.0009461
%RSD	.5711295	1.290938	.5560266

#1	.7515240	.0712369	.1711608
#2	.7586253	.0712761	.1692835
#3	.7593385	.0728613	.1700168

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.810	47752.77	7112.892	1329.245	1899.069
Stddev	1.952	110.53	36.137	8.036	.092
%RSD	.1345619	.2314576	.5080558	.6045651	.0048624

#1	1451.900	47849.74	7136.126	1329.480	1899.158
#2	1448.556	47776.16	7071.258	1337.161	1898.974
#3	1451.974	47632.42	7131.294	1321.094	1899.074

Sample Name: CCV070 Acquired: 01/10/2022 12:24:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.178557	4.914776	25.00181	4.944750	5.216856	413.2610
Stddev	.020270	.015291	.01897	.013170	.006633	3.3729
%RSD	.3914245	.3111284	.0758855	.2663449	.1271472	.8161769

#1	5.172296	4.897983	24.99773	4.953173	5.214137	409.3785
#2	5.201218	4.927896	24.98522	4.929573	5.212015	415.4689
#3	5.162155	4.918450	25.02249	4.951503	5.224417	414.9357

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49035	.5307530	2.510887	398.5851	15.36897	2.469608
Stddev	.03369	.0050928	.002568	1.3927	.02770	.003114
%RSD	.3211594	.9595337	.1022912	.3494159	.1802139	.1260969

#1	10.48836	.5282565	2.508631	396.9770	15.34975	2.466566
#2	10.52499	.5273902	2.510348	399.3742	15.35644	2.469469
#3	10.45770	.5366123	2.513683	399.4040	15.40072	2.472790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97956	394.9769	14.53180	388.8397	2.644590	1.213644
Stddev	.23630	3.2621	.10558	2.8463	.004138	.009370
%RSD	1.577506	.8259041	.7265777	.7319928	.1564831	.7720263

#1	14.70968	391.2304	14.41083	385.5772	2.643364	1.204313
#2	15.07972	396.5126	14.57916	390.1270	2.641203	1.213567
#3	15.14929	397.1878	14.60542	390.8150	2.649203	1.223052

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.5627	2.531003	F 19.38276	155.7988	F 6.077693	5.192523
Stddev	1.7831	.009190	.39802	2.1828	.014073	.047782
%RSD	.4418511	.3630912	2.053465	1.401068	.2315572	.9202173

#1	401.7927	2.523260	19.38966	153.3758	6.093657	5.156003
#2	405.3587	2.528590	19.77729	156.4092	6.072344	5.174966
#3	403.5366	2.541158	18.98134	157.6115	6.067078	5.246601

Sample Name: CCV070 Acquired: 01/10/2022 12:24:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971444	5.355044	5.107146	5.224634	4.854629	5.088428
Stddev	.007162	.008655	.042942	.003786	.014708	.006037
%RSD	.1440551	.1616210	.8408269	.0724730	.3029753	.1186483
#1	4.971639	5.362797	5.076131	5.222299	4.856247	5.090296
#2	4.964186	5.356628	5.089149	5.222600	4.839178	5.093310
#3	4.978506	5.345706	5.156159	5.229003	4.868461	5.081677

Elem	Sr4077
Units	ppm
Avg	4.774855
Stddev	.014574
%RSD	.3052151
#1	4.762949
#2	4.770509
#3	4.791107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1072.150	37779.35	5843.391	993.2702	1537.245
Stddev	1.637	69.02	38.194	5.3662	2.111
%RSD	.1526507	.1826980	.6536225	.5402607	.1373036
#1	1072.816	37858.87	5877.375	993.5328	1538.965
#2	1073.349	37734.95	5850.743	987.7774	1537.881
#3	1070.285	37744.23	5802.056	998.5003	1534.890

Sample Name: CCB070 Acquired: 01/10/2022 12:28:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026890	-.003047	.0035031	.0034815	-.003111	.0251143	-.000591
Stddev	.0034398	.002404	.0024668	.0025611	.000647	.0114407	.000326
%RSD	127.9203	78.91126	70.41564	73.56403	20.79322	45.55452	55.13616

#1	-.001271	-.002490	.0007323	.0035960	-.003186	.0261261	-.000777
#2	.004399	-.005681	.0043171	.0059834	-.003718	.0360155	-.000215
#3	.004938	-.000970	.0054601	.0008650	-.002430	.0132013	-.000782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000228	.0002692	.0372661	.0009474	-.000111	.0047536	.0265220
Stddev	.0000175	.0000574	.0102142	.0009441	.000185	.0021869	.0018206
%RSD	76.87007	21.32968	27.40871	99.64528	166.9653	46.00451	6.864542

#1	.0000055	.0002205	.0417105	-.000136	.000028	.0057018	.0282107
#2	.0000224	.0002546	.0255827	.001592	-.000321	.0022527	.0245933
#3	.0000405	.0003326	.0445051	.001386	-.000040	.0063064	.0267620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011879	.0310962	.0001021	.0011027	.0340526	-.003420	.0184250
Stddev	.0005578	.0193633	.0005355	.0001274	.4736814	.002242	.0080994
%RSD	46.95816	62.26887	524.3964	11.55035	1391.026	65.54176	43.95854

#1	.0007127	.0522583	.0001709	.0010871	.5684013	-.003720	.0251537
#2	.0018020	.0142653	.0005999	.0012372	-.334254	-.005497	.0206858
#3	.0010489	.0267652	-.000464	.0009839	-.131989	-.001044	.0094354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959529	-.000915	.0065734	.0009271	.0012289	.0028910	.0019212
Stddev	.0510268	.000255	.0011420	.0003179	.0000447	.0020898	.0004847
%RSD	12.88709	27.81764	17.37300	34.28688	3.633629	72.28741	25.22701

#1	.4116313	-.001012	.0075854	.0012282	.0012336	.0051843	.0023047
#2	.4373008	-.000626	.0053353	.0009583	.0011820	.0023947	.0013765
#3	.3389265	-.001107	.0067997	.0005948	.0012709	.0010940	.0020825

Sample Name: CCB070 Acquired: 01/10/2022 12:28:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004820	-.006724	.0000943
Stddev	.0008588	.002016	.0001101
%RSD	178.1488	29.98460	116.7544

#1	.0001827	-.006071	.0002018
#2	-.000187	-.008985	.0000995
#3	.001450	-.005115	-.000018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.109	41320.75	6121.708	1151.243	2061.636
Stddev	1.580	267.47	28.169	6.749	2.275
%RSD	.1218944	.6472985	.4601574	.5862346	.1103469

#1	1297.737	41051.05	6089.200	1143.487	2063.000
#2	1294.582	41325.27	6137.000	1154.466	2062.899
#3	1296.006	41585.93	6138.925	1155.777	2059.010

Sample Name: M4452-03 Acquired: 01/10/2022 12:37:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1233452	-.010451	2.341378	.0301692	.0078755	99.40384	1.665517
Stddev	.0149470	.003436	.005441	.0110882	.0044671	.13507	.001608
%RSD	12.11802	32.87933	.2323726	36.75343	56.72135	.1358840	.0965537

#1	.1064673	-.013857	2.341062	.0403714	.0054085	99.52721	1.666537
#2	.1349090	-.010512	2.336102	.0183685	.0051859	99.42480	1.663664
#3	.1286593	-.006985	2.346970	.0317677	.0130320	99.25952	1.666351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144237	.1241813	226.3457	.1695024	.0886778	.4068467	217.3237
Stddev	.0002207	.0001239	.2485	.0009004	.0003820	.0007311	.4309
%RSD	1.530107	.0997617	.1097694	.5311807	.4307396	.1796997	.1982892

#1	.0146661	.1243078	226.4914	.1699834	.0889178	.4075725	217.7628
#2	.0142346	.1240602	226.0588	.1684637	.0882373	.4068570	217.3069
#3	.0143702	.1241757	226.4869	.1700601	.0888783	.4061105	216.9014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.334679	64.28184	.2466821	-.010562	2.300757	.2706567	21.97506
Stddev	.012742	.30192	.0008109	.000202	.087798	.0011259	.15426
%RSD	.2011490	.4696868	.3287238	1.911184	3.816054	.4159865	.7019934

#1	6.348111	64.09766	.2460697	-.010729	2.266762	.2693582	21.83071
#2	6.322763	64.63028	.2463748	-.010338	2.400469	.2712503	21.95685
#3	6.333162	64.11757	.2476017	-.010619	2.235039	.2713616	22.13762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94432	.7463317	.3021546	.0113240	.5665465	49.78663	.0324348
Stddev	.03565	.0004544	.0025551	.0010900	.0014288	.43742	.0005244
%RSD	.2236065	.0608829	.8456151	9.625237	.2521952	.8785797	1.616777

#1	15.98444	.7464811	.3012284	.0123396	.5652629	50.28239	.0330067
#2	15.93225	.7466926	.3050436	.0114598	.5662906	49.62241	.0323212
#3	15.91627	.7458214	.3001918	.0101724	.5680860	49.45509	.0319765

Sample Name: M4452-03 Acquired: 01/10/2022 12:37:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.067954	.0931860	.2121596
Stddev	.001544	.0007425	.0011887
%RSD	.1445596	.7967604	.5602818

#1	1.066302	.0939886	.2118505
#2	1.068200	.0925236	.2111561
#3	1.069361	.0930459	.2134724

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.906	46213.91	6962.931	1268.760	1815.822
Stddev	4.716	177.30	38.218	15.252	5.549
%RSD	.3354548	.3836544	.5488756	1.202102	.3055903

#1	1410.895	46415.91	6947.573	1278.354	1821.814
#2	1405.302	46084.04	6934.780	1251.173	1814.792
#3	1401.521	46141.79	7006.438	1276.754	1810.860

Sample Name: M4452-04 Acquired: 01/10/2022 12:41:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689116	-.008000	.2399377	.0285108	.0052743	111.6609	3.589940
Stddev	.0017645	.004866	.0026704	.0054204	.0014197	.3830	.007679
%RSD	2.560515	60.82507	1.112958	19.01177	26.91796	.3430238	.2138987

#1	.0708630	-.004025	.2430206	.0262454	.0061581	111.2700	3.598166
#2	.0674285	-.013426	.2383433	.0346964	.0036366	111.6774	3.582962
#3	.0684434	-.006548	.2384492	.0245906	.0060281	112.0355	3.588690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106312	.0103353	44.55195	.1896667	.0903742	.1385342	210.7128
Stddev	.0002243	.0003102	.08807	.0007629	.0004603	.0024816	.5362
%RSD	2.109573	3.001178	.1976903	.4022346	.5093078	1.791303	.2544477

#1	.0104070	.0106529	44.56218	.1888619	.0901652	.1357433	210.1042
#2	.0106310	.0100331	44.45921	.1903793	.0900554	.1393675	210.9184
#3	.0108556	.0103199	44.63447	.1897590	.0909018	.1404919	211.1157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81965	30.43146	.2476915	-.013251	1.430657	.2932568	1.305803
Stddev	.02460	.05840	.0011920	.000431	.217092	.0018593	.026038
%RSD	.2273636	.1919037	.4812272	3.255909	15.17429	.6340153	1.994034

#1	10.79921	30.36583	.2479330	-.013575	1.678506	.2925810	1.298304
#2	10.81278	30.45085	.2463972	-.013416	1.339249	.2953595	1.284338
#3	10.84695	30.47769	.2487441	-.012761	1.274217	.2918300	1.334768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.757975	.2769381	.1572278	.0020494	.1499417	56.90729	-.012497
Stddev	.094926	.0007088	.0013418	.0005235	.0016306	.50707	.001030
%RSD	.9728079	.2559363	.8534249	25.54548	1.087499	.8910418	8.243528

#1	9.669753	.2761273	.1587361	.0024043	.1483409	56.35953	-.011343
#2	9.858421	.2772467	.1567804	.0022957	.1498837	57.36029	-.012826
#3	9.745751	.2774402	.1561668	.0014481	.1516006	57.00207	-.013323

Sample Name: M4452-04 Acquired: 01/10/2022 12:41:19 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5106433	.1009042	.0076398
Stddev	.0008512	.0010132	.0002650
%RSD	.1666865	1.004099	3.468802

#1	.5097630	.1020460	.0078770
#2	.5107049	.1005543	.0073538
#3	.5114620	.1001124	.0076885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.334	48737.19	7201.680	1353.614	1941.011
Stddev	1.229	121.68	51.646	10.358	1.713
%RSD	.0818047	.2496716	.7171441	.7652241	.0882649

#1	1501.793	48793.55	7261.234	1349.287	1939.034
#2	1503.740	48820.47	7174.606	1365.434	1941.943
#3	1501.468	48597.54	7169.200	1346.121	1942.057

Sample Name: M4452-05 Acquired: 01/10/2022 12:45:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943775	.0087548	1.640366	.0413672	.0064976	85.86076	1.062958
Stddev	.0093097	.0048863	.002307	.0054635	.0037431	2.13357	.026026
%RSD	9.864289	55.81209	.1406565	13.20732	57.60746	2.484920	2.448453

#1	.1035613	.0063564	1.641032	.0455953	.0028946	84.49277	1.046345
#2	.0849469	.0143769	1.637799	.0351983	.0103666	84.77034	1.049578
#3	.0946243	.0055312	1.642267	.0433080	.0062317	88.31918	1.092953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105910	.0649973	355.2732	.1626153	.0820412	.3002429	268.3409
Stddev	.0002159	.0003285	8.8393	.0015254	.0005630	.0110751	6.6588
%RSD	2.038515	.5054000	2.488029	.9380515	.6862802	3.688721	2.481456

#1	.0105657	.0653554	349.6400	.1612827	.0821381	.2961476	263.8644
#2	.0103889	.0649265	350.7187	.1642791	.0825495	.2917986	265.1653
#3	.0108184	.0647100	365.4609	.1622842	.0814360	.3127824	275.9930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.913063	112.1449	.2571316	-.016081	6.550871	.2198433	11.16771
Stddev	.169723	2.7544	.0011795	.000907	.349710	.0026309	.26986
%RSD	2.455109	2.456129	.4587139	5.639143	5.338376	1.196699	2.416432

#1	6.805858	110.4172	.2582248	-.016959	6.177174	.2202153	11.28716
#2	6.824587	110.6962	.2558815	-.016137	6.870235	.2170463	10.85874
#3	7.108744	115.3214	.2572884	-.015148	6.605203	.2222684	11.35722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.86034	.6415614	.2532312	.0220299	5.800418	51.89896	.0444980
Stddev	.44323	.0017092	.0061254	.0003908	.011370	1.19220	.0045785
%RSD	2.350055	.2664147	2.418899	1.773983	.1960159	2.297152	10.28931

#1	18.67118	.6409772	.2468629	.0218965	5.788162	51.21092	.0470749
#2	18.54308	.6434861	.2537501	.0217233	5.802471	51.21038	.0392117
#3	19.36676	.6402209	.2590807	.0224699	5.810622	53.27560	.0472073

Sample Name: M4452-05 Acquired: 01/10/2022 12:45:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6901281	.1110083	.3252498
Stddev	.0219925	.0050797	.0085220
%RSD	3.186722	4.575934	2.620143

#1	.6755534	.1095383	.3206541
#2	.6794057	.1068258	.3200122
#3	.7154252	.1166609	.3350832

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.175	44747.84	6711.890	1225.171	1760.276
Stddev	.942	381.53	160.720	9.400	3.007
%RSD	.0698886	.8526119	2.394559	.7672600	.1708414

#1	1346.112	44307.30	6770.393	1217.346	1758.080
#2	1347.510	44967.03	6835.164	1235.598	1759.043
#3	1347.904	44969.20	6530.113	1222.569	1763.703

Sample Name: M4452-06 Acquired: 01/10/2022 12:49:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1249347	-.007356	1.326816	.0360717	.0074952	109.8571	2.382696
Stddev	.0283043	.003173	.004664	.0035715	.0021235	.5533	.001491
%RSD	22.65533	43.12696	.3515469	9.901221	28.33169	.5036180	.0625723

#1	.1001008	-.004641	1.325434	.0389872	.0095927	109.9412	2.383412
#2	.1189506	-.010844	1.332016	.0320879	.0075463	109.2665	2.383695
#3	.1557526	-.006584	1.322999	.0371400	.0053466	110.3634	2.380983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131834	.0467110	444.0824	.1856935	.1276490	.3233621	231.5867
Stddev	.0003457	.0002862	1.1261	.0008026	.0006750	.0020443	1.2996
%RSD	2.622448	.6128174	.2535838	.4322338	.5288294	.6322136	.5611884

#1	.0135692	.0470158	445.3054	.1847763	.1274632	.3245665	232.1602
#2	.0129015	.0464478	443.0884	.1860370	.1270863	.3210017	230.0990
#3	.0130797	.0466696	443.8533	.1862673	.1283974	.3245181	232.5010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.83241	90.06719	.3114079	-.015352	4.438807	.2653330	7.361957
Stddev	.06761	.59913	.0016055	.000348	.288948	.0061513	.123116
%RSD	.4887438	.6652050	.5155688	2.265991	6.509579	2.318337	1.672329

#1	13.86980	90.40141	.3096448	-.015183	4.772450	.2638641	7.275659
#2	13.75437	89.37551	.3117935	-.015752	4.270478	.2600491	7.502943
#3	13.87305	90.42467	.3127856	-.015121	4.273492	.2720858	7.307269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88364	.7786820	.2869080	.0090860	1.637089	50.98123	.0809888
Stddev	.19484	.0020181	.0031233	.0003364	.006010	.71877	.0027260
%RSD	1.031767	.2591643	1.088620	3.702828	.3671005	1.409878	3.365953

#1	18.98198	.7809615	.2842713	.0086977	1.642382	51.70724	.0818381
#2	18.65923	.7771233	.2903574	.0092700	1.630556	50.26992	.0831891
#3	19.00970	.7779612	.2860953	.0092903	1.638329	50.96653	.0779392

Sample Name: M4452-06 Acquired: 01/10/2022 12:49:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8765492	.1227514	.7094734
Stddev	.0022265	.0010138	.0027070
%RSD	.2540093	.8259219	.3815580

#1	.8741483	.1237934	.7109568
#2	.8785460	.1217683	.7111145
#3	.8769532	.1226924	.7063489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.311	46216.00	7008.098	1264.990	1728.393
Stddev	1.220	82.11	69.666	18.253	2.062
%RSD	.0879057	.1776667	.9940816	1.442970	.1193258

#1	1386.226	46257.61	6929.744	1277.112	1729.818
#2	1387.077	46121.41	7063.050	1243.997	1726.028
#3	1388.631	46268.97	7031.500	1273.862	1729.332

Sample Name: M4452-07 Acquired: 01/10/2022 12:53:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975056	-.007351	.9364935	.0376785	.0082419	104.0517	1.869212
Stddev	.0111212	.003314	.0096898	.0051202	.0035410	.4692	.002374
%RSD	11.40571	45.08624	1.034687	13.58907	42.96321	.4508910	.1270256

#1	.0933511	-.004252	.9384790	.0318448	.0041599	104.5493	1.870110
#2	.0890597	-.010846	.9450367	.0414274	.0104873	103.6174	1.871006
#3	.1101059	-.006956	.9259647	.0397633	.0100785	103.9885	1.866520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116784	.0422880	359.5443	.1796174	.1130707	.2500437	199.9755
Stddev	.0002060	.0005052	.8279	.0006206	.0003543	.0040239	.7038
%RSD	1.763926	1.194699	.2302592	.3455274	.3133769	1.609280	.3519557

#1	.0117161	.0419632	360.2838	.1794897	.1126622	.2513833	200.4782
#2	.0114562	.0428700	358.6499	.1790706	.1132549	.2455208	199.1711
#3	.0118630	.0420307	359.6991	.1802919	.1132950	.2532269	200.2773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38379	72.95803	.3144535	-.012602	3.241939	.2513926	6.601863
Stddev	.05037	.19945	.0022668	.000563	.204095	.0054710	.086144
%RSD	.4424704	.2733748	.7208868	4.467256	6.295459	2.176289	1.304842

#1	11.41821	73.11452	.3158824	-.012629	3.080383	.2531900	6.550866
#2	11.32598	72.73345	.3156384	-.012027	3.174125	.2452489	6.701322
#3	11.40719	73.02612	.3118398	-.013152	3.471309	.2557388	6.553399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.49541	.7653166	.2464962	.0069231	.8121266	51.51967	.0148280
Stddev	.11428	.0064192	.0022291	.0004937	.0078100	.58758	.0008728
%RSD	.6178983	.8387659	.9043089	7.131382	.9616690	1.140494	5.886369

#1	18.59420	.7629877	.2484704	.0074898	.8080971	51.08049	.0141148
#2	18.37025	.7725751	.2440788	.0066937	.8211283	51.29139	.0158013
#3	18.52180	.7603869	.2469393	.0065858	.8071544	52.18713	.0145680

Sample Name: M4452-07 Acquired: 01/10/2022 12:53:31 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8762787	.1167678	.6127355
Stddev	.0040649	.0019019	.0013583
%RSD	.4638765	1.628747	.2216863

#1	.8717440	.1164589	.6112520
#2	.8795951	.1188053	.6130361
#3	.8774969	.1150394	.6139184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.989	46549.32	6988.620	1272.589	1748.530
Stddev	7.519	162.05	33.049	9.994	10.460
%RSD	.5385841	.3481282	.4728909	.7853255	.5982078

#1	1401.204	46386.41	7007.577	1267.067	1754.630
#2	1387.371	46551.04	7007.823	1266.574	1736.452
#3	1399.394	46710.50	6950.459	1284.125	1754.507

Sample Name: M4452-08 Acquired: 01/10/2022 12:57:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907038	-.011359	1.280029	.0393562	.0077511	108.7021	1.183464
Stddev	.0088884	.007727	.003452	.0082270	.0028497	.4584	.005169
%RSD	9.799342	68.02670	.2696892	20.90388	36.76539	.4216800	.4367342

#1	.0897045	-.004783	1.276471	.0368282	.0046896	108.4180	1.182369
#2	.0823573	-.009423	1.280251	.0485505	.0103265	109.2309	1.189093
#3	.1000496	-.019870	1.283364	.0326899	.0082371	108.4575	1.178931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124755	.0899919	193.9735	.1897923	.0994671	.3201278	206.4036
Stddev	.0003052	.0004443	.0633	.0006896	.0005894	.0005658	.5301
%RSD	2.446061	.4936880	.0326475	.3633608	.5925824	.1767377	.2568475

#1	.0127059	.0904203	194.0465	.1905337	.1001086	.3201376	206.5418
#2	.0121294	.0895333	193.9404	.1891698	.0993432	.3206886	206.8510
#3	.0125910	.0900220	193.9337	.1896734	.0989494	.3195572	205.8181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136643	64.79635	.3038940	-.002328	2.984440	.2670351	13.38807
Stddev	.005506	.21793	.0013344	.000558	.124538	.0022044	.31423
%RSD	.1071918	.3363290	.4390885	23.95003	4.172904	.8255236	2.347105

#1	5.138346	64.55195	.3030747	-.001861	2.972597	.2694503	13.17750
#2	5.141097	64.86663	.3031736	-.002178	3.114476	.2651315	13.74926
#3	5.130487	64.97046	.3054337	-.002945	2.866246	.2665234	13.23745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.86251	.8800633	.2424358	.0068458	.8329997	52.36283	.0127591
Stddev	.17926	.0035229	.0034539	.0003736	.0029036	.60651	.0026757
%RSD	.9503567	.4002987	1.424680	5.456906	.3485744	1.158291	20.97120

#1	18.98534	.8833099	.2384624	.0065519	.8337767	52.78385	.0116661
#2	18.65681	.8763174	.2441238	.0072662	.8297866	51.66764	.0108029
#3	18.94539	.8805625	.2447211	.0067194	.8354358	52.63700	.0158083

Sample Name: M4452-08 Acquired: 01/10/2022 12:57:36 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9671068	.1152512	.2525808
Stddev	.0053860	.0007183	.0008303
%RSD	.5569226	.6232568	.3287412

#1	.9693731	.1154930	.2530855
#2	.9609579	.1158174	.2516225
#3	.9709893	.1144432	.2530345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.487	46079.81	6936.741	1272.267	1831.061
Stddev	1.513	200.79	53.831	6.682	2.735
%RSD	.1077932	.4357396	.7760337	.5252367	.1493417

#1	1405.230	46309.12	6895.771	1278.360	1832.428
#2	1402.714	45935.51	6997.709	1265.121	1832.842
#3	1402.517	45994.80	6916.741	1273.320	1827.912

Sample Name: M4452-09 Acquired: 01/10/2022 13:01:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1410206	-.004978	3.617375	.0287435	.0077191	104.6285
Stddev	.0089228	.008549	.001992	.0005541	.0012442	.1907
%RSD	6.327266	171.7388	.0550573	1.927689	16.11817	.1822314

#1	.1343338	.004794	3.617447	.0282340	.0082217	104.4341
#2	.1375758	-.008655	3.619330	.0286630	.0086333	104.6360
#3	.1511523	-.011072	3.615349	.0293334	.0063022	104.8152

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.782605	.0122685	.3201561	83.21327	.1590771	.1003308
Stddev	.008622	.0001134	.0004861	.04804	.0006398	.0003647
%RSD	.4836936	.9244742	.1518330	.0577371	.4022144	.3635133

#1	1.773069	.0123945	.3196197	83.16471	.1591518	.0999889
#2	1.789852	.0121746	.3202811	83.21431	.1596764	.1002887
#3	1.784894	.0122364	.3205675	83.26078	.1584033	.1007147

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5344572	187.4099	7.072489	30.55746	.2034905	-.006881
Stddev	.0014465	.3404	.004347	.12438	.0015551	.000642
%RSD	.2706461	.1816181	.0614621	.4070355	.7641951	9.324817

#1	.5343283	187.1419	7.075323	30.50785	.2018124	-.007470
#2	.5330794	187.7929	7.074661	30.69899	.2037761	-.006977
#3	.5359638	187.2949	7.067485	30.46554	.2048829	-.006197

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271523	.2932378	F 36.62439	11.65995	.8617108	.1486403
Stddev	.336454	.0045289	.45964	.05548	.0019595	.0041110
%RSD	26.46074	1.544455	1.255001	.4758082	.2274008	2.765766

#1	1.640327	.2943814	36.99492	11.71407	.8614595	.1439074
#2	.981342	.2882467	36.11004	11.60320	.8637839	.1506892
#3	1.192899	.2970854	36.76822	11.66259	.8598891	.1513242

Sample Name: M4452-09 Acquired: 01/10/2022 13:01:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097687	.6580731	50.27343	.0214807	1.697923	.0677150
Stddev	.0004639	.0023080	.59227	.0021740	.004523	.0013585
%RSD	4.748376	.3507138	1.178105	10.12084	.2664121	2.006241

#1	.0092401	.6599417	50.92323	.0191803	1.695507	.0686781
#2	.0099582	.6554932	50.13321	.0235012	1.703142	.0661611
#3	.0101078	.6587845	49.76385	.0217606	1.695121	.0683059

Elem	Sr4077
Units	ppm
Avg	-.002200
Stddev	.000309
%RSD	14.04789

#1	-.001879
#2	-.002224
#3	-.002495

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.952	46948.86	6974.944	1297.100	1912.519
Stddev	2.180	70.98	59.324	9.686	4.146
%RSD	.1518463	.1511818	.8505269	.7467704	.2167975

#1	1438.397	46887.31	6906.543	1303.792	1915.788
#2	1435.250	47026.51	7012.351	1301.515	1913.914
#3	1434.209	46932.78	7005.938	1285.992	1907.855

Sample Name: M4452-10 Acquired: 01/10/2022 13:05:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969798	-.002985	3.323552	.0238072	.0010572	98.55154	1.572596
Stddev	.0115798	.001069	.043277	.0077992	.0031740	.73683	.005441
%RSD	11.94040	35.81720	1.302129	32.75961	300.2241	.7476621	.3460027

#1	.1087286	-.003228	3.293703	.0327859	.0042807	98.35453	1.574456
#2	.0855768	-.003911	3.303768	.0199213	-.002065	99.36685	1.576864
#3	.0966339	-.001815	3.373185	.0187145	.000956	97.93324	1.566469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114659	.1388805	59.03059	.1418493	.1191765	.3755710	168.2689
Stddev	.0001819	.0020225	.22229	.0012056	.0012973	.0058508	1.1677
%RSD	1.586229	1.456298	.3765628	.8499435	1.088565	1.557832	.6939212

#1	.0116043	.1379170	58.89472	.1432248	.1183773	.3808071	167.6987
#2	.0115334	.1375199	59.28712	.1413479	.1184788	.3766502	169.6121
#3	.0112599	.1412046	58.90994	.1409754	.1206733	.3692558	167.4959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.014411	23.87159	.1866599	-.007491	1.144445	.2710822	23.02154
Stddev	.027463	.05085	.0024853	.000454	.117321	.0030950	.08970
%RSD	.4566220	.2129942	1.331463	6.065368	10.25132	1.141733	.3896435

#1	5.998408	23.83877	.1860831	-.006981	1.135169	.2692539	22.95520
#2	6.046122	23.93016	.1845137	-.007639	1.266129	.2746557	22.98582
#3	5.998703	23.84585	.1893829	-.007853	1.032038	.2693369	23.12360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01415	.6451622	.1454092	.0086021	.4301435	51.90196	.0019722
Stddev	.07659	.0097466	.0043654	.0003094	.0054917	.59033	.0012445
%RSD	.7648489	1.510721	3.002128	3.596876	1.276712	1.137390	63.10026

#1	10.03024	.6393253	.1403809	.0083984	.4273382	52.15427	.0013826
#2	10.08141	.6397474	.1482284	.0084498	.4266211	52.32420	.0011321
#3	9.93079	.6564140	.1476185	.0089581	.4364712	51.22740	.0034019

Sample Name: M4452-10 Acquired: 01/10/2022 13:05:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBB3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.645568	.0706315	-.010022
Stddev	.003894	.0023859	.000910
%RSD	.2366401	3.377944	9.076853

#1	1.643585	.0684070	-.009613
#2	1.643064	.0731513	-.011064
#3	1.650055	.0703363	-.009389

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.820	47105.20	6992.777	1305.560	1929.645
Stddev	11.845	43.79	29.291	11.141	21.670
%RSD	.8255335	.0929541	.4188818	.8533832	1.122989

#1	1442.548	47142.15	6971.622	1308.593	1941.977
#2	1440.730	47116.61	6980.501	1314.871	1942.334
#3	1421.183	47056.84	7026.209	1293.216	1904.624

Sample Name: M4452-11 Acquired: 01/10/2022 13:09:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944391	-.004706	4.291315	.0181257	.0032442	111.6195	1.881519
Stddev	.0062937	.005553	.006553	.0025892	.0018205	.1496	.003927
%RSD	6.664298	118.0001	.1527024	14.28457	56.11498	.1339994	.2087083

#1	.0875889	-.008581	4.287501	.0180229	.0039298	111.7084	1.877356
#2	.0957627	-.007194	4.287562	.0155895	.0046223	111.7033	1.885157
#3	.0999658	.001656	4.298881	.0207648	.0011805	111.4468	1.882044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114187	.1326897	47.21138	.1520944	.1375076	.4658676	182.5888
Stddev	.0000991	.0004387	.08240	.0007699	.0003459	.0015106	.3281
%RSD	.8675323	.3305976	.1745239	.5061779	.2515755	.3242638	.1796719

#1	.0115293	.1321832	47.30620	.1527159	.1378120	.4643984	182.9368
#2	.0113381	.1329488	47.15720	.1523341	.1375793	.4674165	182.5445
#3	.0113886	.1329371	47.17073	.1512332	.1371314	.4657878	182.2852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.971776	19.81956	.1974306	-.007507	1.274798	.3012645	27.62514
Stddev	.015768	.05919	.0008345	.000519	.054761	.0060551	.65029
%RSD	.2640404	.2986255	.4226616	6.907785	4.295637	2.009885	2.353967

#1	5.989614	19.87591	.1966396	-.007947	1.330026	.3046292	26.88959
#2	5.966018	19.82487	.1973496	-.007638	1.220517	.3048899	28.12366
#3	5.959697	19.75790	.1983027	-.006935	1.273851	.2942743	27.86218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.13165	.6956187	.1484248	.0085294	.4361802	50.95548	-.000767
Stddev	.15745	.0017240	.0030079	.0005366	.0015109	.77908	.001357
%RSD	1.414435	.2478312	2.026562	6.290972	.3463908	1.528938	177.0018

#1	11.29776	.6937534	.1450165	.0091045	.4374701	51.81228	-.000029
#2	10.98460	.6971536	.1507078	.0080422	.4345179	50.28964	-.002333
#3	11.11260	.6959490	.1495500	.0084415	.4365526	50.76452	.000062

Sample Name: M4452-11 Acquired: 01/10/2022 13:09:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.757556	.0783508	-.020369
Stddev	.001740	.0016314	.000196
%RSD	.0990001	2.082151	.9621612

#1	1.756180	.0784785	-.020594
#2	1.759512	.0799145	-.020234
#3	1.756975	.0766593	-.020280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.680	47348.09	7011.255	1302.241	1941.788
Stddev	1.819	322.56	66.951	14.509	2.304
%RSD	.1253586	.6812468	.9549018	1.114168	.1186672

#1	1449.216	47609.50	6935.854	1315.378	1940.529
#2	1452.716	46987.62	7063.735	1286.668	1944.447
#3	1450.108	47447.14	7034.175	1304.678	1940.387

Sample Name: M4452-12 Acquired: 01/10/2022 13:13:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910744	-.011689	.3315620	.0283536	.0047675	130.1887	1.653893
Stddev	.0132514	.008217	.0010745	.0080341	.0025574	.3022	.001107
%RSD	14.55013	70.29802	.3240844	28.33532	53.64298	.2321211	.0669221

#1	.1062668	-.004753	.3318763	.0246780	.0073125	130.5046	1.653750
#2	.0850574	-.009550	.3324444	.0375680	.0047921	130.1592	1.652865
#3	.0818990	-.020765	.3303654	.0228148	.0021978	129.9024	1.655064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082553	.0102465	48.17055	.1627179	.0961541	.1161826	166.7666
Stddev	.0000957	.0002384	.11335	.0002672	.0007511	.0009721	.6384
%RSD	1.159769	2.326836	.2353138	.1642374	.7811778	.8367301	.3828085

#1	.0083558	.0103236	48.28405	.1629759	.0954620	.1172537	167.4826
#2	.0082451	.0099791	48.17023	.1627356	.0969529	.1159379	166.5605
#3	.0081651	.0104369	48.05735	.1624423	.0960473	.1153562	166.2567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.891531	26.42259	.1621592	-.009463	.9423790	.3164786	2.480955
Stddev	.015928	.08363	.0014418	.000173	.3120102	.0026157	.015821
%RSD	.2703511	.3165119	.8891577	1.822976	33.10878	.8265109	.6377054

#1	5.909918	26.33279	.1605008	-.009481	.6961004	.3186347	2.466508
#2	5.881962	26.43676	.1628612	-.009282	.8377892	.3172324	2.497862
#3	5.882713	26.49824	.1631156	-.009626	1.293247	.3135688	2.478494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.666346	.3531468	.1097743	.0040482	.1650044	52.55685	-.010152
Stddev	.064223	.0010439	.0011989	.0005621	.0009266	.45529	.001628
%RSD	.7410644	.2956042	1.092178	13.88425	.5615711	.8662850	16.03856

#1	8.736648	.3539250	.1101277	.0041856	.1640329	52.98780	-.010520
#2	8.610753	.3535549	.1107567	.0034302	.1658785	52.60216	-.008371
#3	8.651636	.3519605	.1084383	.0045289	.1651018	52.08060	-.011564

Sample Name: M4452-12 Acquired: 01/10/2022 13:13:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.644322	.0700795	-.014500
Stddev	.008154	.0008567	.000576
%RSD	.4958857	1.222518	3.969284

#1	1.643121	.0710360	-.015151
#2	1.636835	.0693826	-.014058
#3	1.653009	.0698200	-.014291

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.454	47248.79	7020.803	1312.377	1943.854
Stddev	3.789	54.42	68.895	7.222	4.484
%RSD	.2610600	.1151880	.9812937	.5502735	.2306620

#1	1455.720	47205.40	6951.022	1316.474	1948.999
#2	1450.162	47231.11	7022.612	1304.038	1941.789
#3	1448.479	47309.85	7088.776	1316.618	1940.776

Sample Name: M4452-13 Acquired: 01/10/2022 13:17:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850459	-.005588	.4594079	.0310540	.0009463	130.3426	1.646010
Stddev	.0179091	.003377	.0007145	.0055727	.0024273	.3787	.006685
%RSD	21.05819	60.43397	.1555192	17.94522	256.4997	.2905512	.4061211

#1	.1029727	-.009322	.4585906	.0373558	.0014816	130.3987	1.653412
#2	.0850103	-.004695	.4599140	.0267761	-.001704	129.9390	1.640413
#3	.0671546	-.002747	.4597191	.0290299	.003061	130.6902	1.644205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087361	.0192218	37.89907	.1666315	.0919402	.1323544	175.1209
Stddev	.0000658	.0002135	.07709	.0008495	.0002543	.0031420	.3152
%RSD	.7532570	1.110616	.2034051	.5098117	.2765766	2.373959	.1799654

#1	.0088088	.0193342	37.97588	.1669584	.0921369	.1349859	175.4412
#2	.0086806	.0193556	37.82171	.1672690	.0916530	.1288756	174.8112
#3	.0087191	.0189756	37.89960	.1656671	.0920306	.1332017	175.1102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816739	21.11764	.1787119	-.009947	1.034256	.3208167	3.281091
Stddev	.015704	.04800	.0005014	.000452	.188219	.0056203	.050825
%RSD	.2699749	.2273019	.2805741	4.544451	18.19849	1.751866	1.549014

#1	5.824059	21.16716	.1786354	-.009514	1.164700	.3259121	3.268337
#2	5.798712	21.07131	.1782531	-.010416	1.119582	.3147883	3.337077
#3	5.827447	21.11446	.1792472	-.009910	.818486	.3217497	3.237857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.653206	.3774060	.1182156	.0046885	.1715283	49.91719	-.011476
Stddev	.108904	.0017192	.0032006	.0006421	.0018122	.21359	.001968
%RSD	1.258535	.4555365	2.707406	13.69439	1.056501	.4278939	17.15225

#1	8.619218	.3777015	.1152937	.0039501	.1694362	50.15876	-.009475
#2	8.565350	.3789584	.1216363	.0051154	.1725376	49.83944	-.011543
#3	8.775051	.3755582	.1177168	.0049999	.1726110	49.75336	-.013410

Sample Name: M4452-13 Acquired: 01/10/2022 13:17:53 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.652140	.0692795	-.015238
Stddev	.005300	.0004826	.000405
%RSD	.3207906	.6965925	2.659150

#1	1.656416	.0697385	-.015648
#2	1.653793	.0693236	-.014838
#3	1.646210	.0687763	-.015229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.638	47598.22	7005.195	1324.191	1942.830
Stddev	3.735	166.85	21.489	9.154	4.427
%RSD	.2569308	.3505305	.3067537	.6912849	.2278541

#1	1451.423	47741.75	7002.866	1334.313	1944.190
#2	1451.540	47415.16	7027.753	1316.494	1937.882
#3	1457.950	47637.75	6984.965	1321.767	1946.417

Sample Name: M4452-14 Acquired: 01/10/2022 13:22:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147619	-.001586	6.007521	.0340521	.0199239	91.82982	1.869148
Stddev	.0140453	.004309	.046288	.0070691	.0024481	.67784	.000194
%RSD	12.23863	271.6927	.7704946	20.75980	12.28708	.7381439	.0103892

#1	.1256494	-.000907	5.982222	.0270297	.0180274	91.98068	1.868990
#2	.1197280	-.006194	5.979397	.0411671	.0190569	91.08926	1.869365
#3	.0989082	.002343	6.060944	.0339594	.0226875	92.41951	1.869088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117761	.2848237	110.8403	.1657585	.0810584	.5012248	190.3968
Stddev	.0002357	.0019728	.2513	.0008180	.0005352	.0063395	1.2599
%RSD	2.001747	.6926207	.2266776	.4935132	.6602678	1.264798	.6617044

#1	.0118168	.2838190	111.0828	.1651716	.0805436	.4991974	191.0907
#2	.0119887	.2835555	110.5812	.1654110	.0810197	.4961470	188.9425
#3	.0115226	.2870965	110.8570	.1666930	.0816119	.5083300	191.1572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.116318	29.33893	.2050595	-.003982	1.945082	.2493447	29.63251
Stddev	.017863	.23470	.0010078	.000398	.217729	.0027444	.52013
%RSD	.2920471	.7999553	.4914642	10.00402	11.19381	1.100632	1.755262

#1	6.132674	29.30579	.2040345	-.003905	1.858675	.2523665	29.46760
#2	6.097257	29.12256	.2050951	-.004413	1.783819	.2486603	29.21484
#3	6.119024	29.58844	.2060491	-.003627	2.192751	.2470073	30.21511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.95983	1.657567	.3012226	.0150974	.9491854	50.11527	.0664666
Stddev	.26067	.009410	.0059497	.0004576	.0058378	.35637	.0027604
%RSD	1.451410	.5676715	1.975196	3.031039	.6150351	.7110993	4.153073

#1	18.07555	1.650557	.3063080	.0150490	.9440364	50.23090	.0687089
#2	17.66133	1.653884	.2946795	.0146659	.9479920	50.39946	.0673073
#3	18.14261	1.668262	.3026802	.0155773	.9555276	49.71544	.0633836

Sample Name: M4452-14 Acquired: 01/10/2022 13:22:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.428227	.0574494	.0457275
Stddev	.006884	.0001898	.0019546
%RSD	.4819795	.3302917	4.274493

#1	1.426053	.0574754	.0455463
#2	1.435935	.0576247	.0477665
#3	1.422692	.0572479	.0438699

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.793	46593.78	6913.175	1286.149	1886.213
Stddev	6.120	373.11	24.763	18.455	10.591
%RSD	.4343887	.8007631	.3581947	1.434887	.5614804

#1	1411.400	46484.27	6885.440	1284.202	1892.159
#2	1413.177	47009.39	6933.064	1305.500	1892.494
#3	1401.802	46287.69	6921.020	1268.745	1873.985

Sample Name: M4452-15 Acquired: 01/10/2022 13:26:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1210478	-.011148	3.038684	.0244686	.0058851	92.46527	1.688781
Stddev	.0173045	.003849	.012714	.0045983	.0006179	.56451	.003767
%RSD	14.29564	34.52811	.4183897	18.79286	10.49995	.6105143	.2230655

#1	.1128101	-.015516	3.050130	.0230844	.0057186	91.93216	1.689070
#2	.1094012	-.008255	3.040923	.0207213	.0065692	92.40698	1.684878
#3	.1409322	-.009672	3.025000	.0296000	.0053674	93.05666	1.692395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136020	.1086407	82.82925	.1458544	.0782437	.3340904	186.1398
Stddev	.0001550	.0004261	.28693	.0005248	.0006874	.0027708	.9214
%RSD	1.139446	.3922088	.3464084	.3598223	.8785489	.8293665	.4950035

#1	.0136354	.1089139	82.71259	.1458463	.0787384	.3323979	185.2008
#2	.0137375	.1088584	82.61903	.1463832	.0785339	.3325852	186.1761
#3	.0134330	.1081497	83.15613	.1453336	.0774588	.3372880	187.0425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.128995	24.32988	.1800874	-.008777	1.673425	.2867684	15.10271
Stddev	.025050	.10151	.0005837	.000433	.148516	.0090094	.12813
%RSD	.4884056	.4172249	.3241157	4.932091	8.874974	3.141685	.8483768

#1	5.110224	24.21701	.1795477	-.008470	1.694414	.2767876	15.08600
#2	5.119321	24.35891	.1807069	-.009272	1.810329	.2942998	14.98376
#3	5.157440	24.41371	.1800074	-.008589	1.515531	.2892177	15.23838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52234	1.481379	.2597720	.0168163	1.084017	53.11048	.0542337
Stddev	.07807	.004673	.0049802	.0002954	.005240	.65450	.0025140
%RSD	.5376127	.3154301	1.917129	1.756397	.4834216	1.232336	4.635409

#1	14.44353	1.481431	.2563576	.0165043	1.084824	52.78674	.0513550
#2	14.59966	1.486025	.2574720	.0168529	1.088807	53.86376	.0553492
#3	14.52384	1.476680	.2654865	.0170916	1.078420	52.68094	.0559969

Sample Name: M4452-15 Acquired: 01/10/2022 13:26:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.382758	.0639324	.0101711
Stddev	.002709	.0015091	.0011968
%RSD	.1959333	2.360486	11.76692

#1	1.385241	.0623444	.0115517
#2	1.383166	.0641050	.0094274
#3	1.379868	.0653478	.0095342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.552	47820.43	7089.327	1319.762	1946.718
Stddev	3.760	249.77	27.302	16.820	5.039
%RSD	.2590070	.5223172	.3851155	1.274492	.2588306

#1	1449.517	47532.71	7089.781	1309.174	1943.700
#2	1449.248	47981.68	7061.801	1339.157	1943.919
#3	1455.890	47946.89	7116.399	1310.956	1952.535

Sample Name: M4452-16 Acquired: 01/10/2022 13:30:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901283	-.004138	1.926704	.0219297	.0065050	100.1840	1.757480
Stddev	.0140920	.008148	.012085	.0032752	.0020468	.4311	.014320
%RSD	15.63548	196.9244	.6272195	14.93479	31.46495	.4302948	.8148002

#1	.0750093	-.007230	1.919969	.0182415	.0049243	99.8653	1.742040
#2	.0924776	-.010288	1.919488	.0230497	.0057736	100.0123	1.760076
#3	.1028980	.005104	1.940656	.0244980	.0088170	100.6745	1.770325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105475	.0933953	60.99218	.1472284	.0883323	.2162698	163.9791
Stddev	.0002295	.0006471	.14260	.0004956	.0006305	.0011317	.2856
%RSD	2.176182	.6928987	.2337928	.3366465	.7137423	.5232938	.1741617

#1	.0103532	.0929079	60.94038	.1474020	.0880474	.2166315	163.9085
#2	.0104885	.0931485	60.88273	.1476139	.0878945	.2150014	163.7355
#3	.0108008	.0941295	61.15344	.1466693	.0890549	.2171764	164.2934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.862052	22.73423	.1603150	-.008478	.8549720	.2688741	10.83007
Stddev	.011655	.10763	.0002652	.000555	.0965227	.0008390	.14222
%RSD	.1988216	.4734302	.1654386	6.543549	11.28958	.3120279	1.313195

#1	5.871861	22.81727	.1601469	-.007850	.7701942	.2698223	10.71627
#2	5.849168	22.61263	.1601772	-.008683	.8347015	.2685719	10.98951
#3	5.865127	22.77279	.1606207	-.008901	.9600201	.2682280	10.78443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.37610	1.168459	.1396612	.0077613	.5741360	53.11491	.0239651
Stddev	.10106	.006005	.0033032	.0001310	.0039632	.39159	.0050698
%RSD	.8165954	.5138866	2.365164	1.688348	.6902806	.7372577	21.15482

#1	12.46723	1.168839	.1367771	.0078953	.5759357	53.51047	.0294873
#2	12.39366	1.162274	.1389414	.0076334	.5695923	52.72741	.0195213
#3	12.26741	1.174265	.1432649	.0077552	.5768800	53.10685	.0228866

Sample Name: M4452-16 Acquired: 01/10/2022 13:30:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.460260	.0678465	.0337416
Stddev	.004375	.0009554	.0004105
%RSD	.2995852	1.408227	1.216736

#1	1.463750	.0669269	.0340723
#2	1.455352	.0688341	.0332821
#3	1.461677	.0677784	.0338704

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.122	47173.71	7014.168	1303.151	1942.178
Stddev	6.204	182.47	49.566	7.275	9.974
%RSD	.4317299	.3868014	.7066577	.5582470	.5135536

#1	1440.491	47204.01	6962.373	1304.216	1944.399
#2	1440.914	46977.99	7061.154	1295.402	1950.855
#3	1429.962	47339.13	7018.977	1309.835	1931.281

Sample Name: M4452-17 Acquired: 01/10/2022 13:34:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0937142	-.007650	1.340729	.0330943	.0038656	123.5411	1.585193
Stddev	.0087489	.007426	.007417	.0077766	.0014726	.5894	.003238
%RSD	9.335720	97.08093	.5532035	23.49824	38.09412	.4771176	.2042578

#1	.0975885	-.000015	1.332969	.0415782	.0049317	124.2053	1.588374
#2	.0998571	-.014848	1.341472	.0263043	.0044799	123.3375	1.585304
#3	.0836972	-.008086	1.347747	.0314005	.0021854	123.0804	1.581901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089557	.0481034	69.97440	.1632875	.0845118	.2330919	172.4667
Stddev	.0003301	.0002273	.26945	.0004102	.0005352	.0036835	.5331
%RSD	3.685511	.4725623	.3850677	.2512094	.6332572	1.580297	.3091154

#1	.0092861	.0478428	70.28553	.1631159	.0843680	.2372388	173.0476
#2	.0086259	.0482073	69.81951	.1637556	.0851042	.2301992	171.9999
#3	.0089551	.0482603	69.81815	.1629909	.0840633	.2318377	172.3525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.761410	27.14225	.1614933	-.008691	1.036905	.3010087	6.423360
Stddev	.011128	.11439	.0009283	.000135	.167429	.0030684	.052927
%RSD	.1931439	.4214449	.5747907	1.555565	16.14699	1.019377	.8239835

#1	5.774231	27.26971	.1604232	-.008586	.878969	.3030893	6.364064
#2	5.754265	27.10853	.1620822	-.008844	1.212437	.2974848	6.440192
#3	5.755734	27.04851	.1619744	-.008644	1.019309	.3024521	6.465825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34694	.7408626	.1332402	.0063386	.2899512	51.88441	.0085862
Stddev	.11721	.0043857	.0043346	.0001590	.0029277	.53473	.0028115
%RSD	1.132832	.5919763	3.253259	2.508224	1.009707	1.030611	32.74499

#1	10.47000	.7358006	.1285142	.0064875	.2868299	52.48269	.0072462
#2	10.33422	.7432618	.1370308	.0061711	.2926363	51.45306	.0066953
#3	10.23661	.7435253	.1341755	.0063570	.2903873	51.71749	.0118170

Sample Name: M4452-17 Acquired: 01/10/2022 13:34:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.554000	.0711098	-.020190
Stddev	.003485	.0022544	.000311
%RSD	.2242582	3.170370	1.542778

#1	1.555475	.0725480	-.020515
#2	1.556504	.0722699	-.019894
#3	1.550020	.0685116	-.020161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.125	46599.75	6953.480	1289.036	1933.740
Stddev	4.671	327.66	30.297	5.767	6.800
%RSD	.3279912	.7031280	.4357112	.4473762	.3516245

#1	1429.231	46963.18	6918.868	1294.922	1941.231
#2	1420.067	46326.93	6975.195	1283.397	1927.958
#3	1423.075	46509.16	6966.377	1288.788	1932.032

Sample Name: M4452-18 Acquired: 01/10/2022 13:38:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1124623	-.012210	7.106927	.0249194	.0070326	108.7950	1.989792
Stddev	.0095708	.003674	.028092	.0019536	.0009708	.5411	.011601
%RSD	8.510259	30.09336	.3952797	7.839662	13.80488	.4973896	.5830142

#1	.1015342	-.015296	7.077907	.0258593	.0081021	108.4520	1.979827
#2	.1165007	-.008145	7.133989	.0262255	.0062070	108.5141	1.987021
#3	.1193521	-.013187	7.108886	.0226736	.0067886	109.4188	2.002527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181263	.1759668	255.6404	.1692067	.0783670	.8160356	213.1079
Stddev	.0001747	.0004773	1.3393	.0007298	.0004570	.0044532	.8941
%RSD	.9636006	.2712165	.5238881	.4312803	.5831203	.5457144	.4195703

#1	.0183194	.1754890	254.8371	.1699542	.0788876	.8135653	212.7146
#2	.0180804	.1764435	254.8977	.1684961	.0781813	.8133650	212.4778
#3	.0179792	.1759677	257.1865	.1691698	.0780321	.8211764	214.1313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.324323	100.4494	.2383759	-.005587	2.750844	.3080666	15.05117
Stddev	.022898	.4883	.0015346	.000352	.178038	.0016806	.27636
%RSD	.4300597	.4861005	.6437657	6.303903	6.472133	.5455173	1.836129

#1	5.316917	100.2692	.2369392	-.005327	2.623944	.3061298	14.83118
#2	5.306044	100.0768	.2381959	-.005445	2.954365	.3089306	15.36136
#3	5.350006	101.0021	.2399925	-.005988	2.674222	.3091394	14.96098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33175	1.101572	.3346493	.0193417	1.028360	50.62964	.0364833
Stddev	.03769	.005849	.0047590	.0009883	.001136	.41560	.0019002
%RSD	.3325741	.5310017	1.422079	5.109786	.1104625	.8208546	5.208402

#1	11.37364	1.096153	.3295545	.0196994	1.027480	51.03406	.0344599
#2	11.32101	1.107773	.3389800	.0182243	1.027959	50.20370	.0382300
#3	11.30060	1.100791	.3354134	.0201013	1.029643	50.65116	.0367599

Sample Name: M4452-18 Acquired: 01/10/2022 13:38:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.526517	.0830430	.1126149
Stddev	.011745	.0015460	.0008807
%RSD	.7694036	1.861725	.7820516

#1	1.521456	.0847155	.1123128
#2	1.518150	.0816662	.1119251
#3	1.539944	.0827473	.1136069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.438	47432.05	7143.633	1289.253	1792.391
Stddev	5.835	70.59	40.638	2.905	5.820
%RSD	.4122367	.1488258	.5688690	.2253565	.3247084

#1	1415.437	47473.14	7121.651	1292.580	1793.530
#2	1409.604	47472.47	7190.527	1287.215	1786.086
#3	1421.274	47350.54	7118.721	1287.964	1797.557

Sample Name: M4452-19 Acquired: 01/10/2022 13:42:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675083	-.010018	.1907572	.0290580	.0001908	132.4033	1.969139
Stddev	.0212048	.002696	.0043006	.0049968	.0046386	.5626	.006846
%RSD	31.41063	26.91162	2.254503	17.19582	2430.663	.4249194	.3476850

#1	.0440280	-.009932	.1908750	.0232985	.0046285	131.7781	1.961449
#2	.0732360	-.007366	.1863989	.0322363	-.004625	132.5632	1.974571
#3	.0852609	-.012755	.1949977	.0316391	.000569	132.8687	1.971397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078960	.0118207	35.37794	.1649016	.0832787	.1123364	162.2278
Stddev	.0001019	.0001307	.02498	.0008765	.0002948	.0018168	.1207
%RSD	1.290210	1.105302	.0706011	.5315316	.3539871	1.617237	.0744086

#1	.0079797	.0116723	35.35622	.1639184	.0834768	.1131846	162.1570
#2	.0077826	.0118713	35.37237	.1656013	.0829399	.1102506	162.1592
#3	.0079259	.0119185	35.40523	.1651852	.0834194	.1135739	162.3672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.558745	23.08890	.1494450	-.009459	1.170724	.3091519	.7179003
Stddev	.001366	.12906	.0009071	.000115	.159542	.0034447	.0111937
%RSD	.0299746	.5589527	.6069657	1.215772	13.62762	1.114225	1.559222

#1	4.560164	23.18892	.1490078	-.009327	1.082880	.3109625	.7078646
#2	4.557438	22.94322	.1488393	-.009538	1.074411	.3051795	.7158639
#3	4.558633	23.13454	.1504878	-.009512	1.354883	.3113136	.7299723

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.437938	.3390419	.1051716	.0036736	.2137529	52.52888	-.017464
Stddev	.074413	.0020847	.0014617	.0001662	.0009783	.37163	.001968
%RSD	.8818860	.6148734	1.389851	4.523733	.4576850	.7074767	11.26997

#1	8.353327	.3375900	.1061886	.0038603	.2141992	52.49722	-.019300
#2	8.493206	.3381050	.1058295	.0035419	.2126310	52.17409	-.017705
#3	8.467280	.3414306	.1034965	.0036186	.2144284	52.91533	-.015386

Sample Name: M4452-19 Acquired: 01/10/2022 13:42:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.580665	.0643898	-.000047
Stddev	.004202	.0012293	.000349
%RSD	.2658490	1.909148	738.4542

#1	1.584981	.0648987	-.000342
#2	1.580428	.0652830	-.000138
#3	1.576587	.0629878	.000338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.075	46816.31	6952.932	1298.666	1943.903
Stddev	3.637	299.78	10.190	15.443	1.918
%RSD	.2538159	.6403220	.1465629	1.189117	.0986830

#1	1432.808	46973.86	6964.090	1296.909	1941.693
#2	1436.838	46470.61	6944.117	1284.177	1944.882
#3	1429.578	47004.45	6950.589	1314.912	1945.135

Sample Name: M4452-20 Acquired: 01/10/2022 13:46:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1721517	-.010997	1.011816	.0285196	.0027618	103.8845	2.156084
Stddev	.0095878	.003179	.002725	.0095297	.0027874	.1403	.005961
%RSD	5.569399	28.90670	.2693185	33.41461	100.9271	.1350477	.2764589

#1	.1821775	-.007359	1.010588	.0394827	.0030534	103.7291	2.162830
#2	.1630720	-.013241	1.014939	.0238585	-.000160	103.9225	2.151528
#3	.1712057	-.012392	1.009922	.0222176	.005392	104.0018	2.153893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101553	.0625167	37.14737	.1542174	.0987948	.2417334	175.3122
Stddev	.0000818	.0002017	.07484	.0009282	.0005979	.0015096	.4664
%RSD	.8054207	.3226790	.2014704	.6018680	.6052410	.6244803	.2660430

#1	.0100775	.0623752	37.18941	.1532033	.0993642	.2425562	175.5661
#2	.0101477	.0624273	37.06096	.1544241	.0988484	.2399911	174.7739
#3	.0102406	.0627477	37.19174	.1550248	.0981719	.2426527	175.5966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.320831	17.29730	.1668071	-.009783	.9315753	.3234912	4.971120
Stddev	.007220	.03333	.0004579	.000254	.2593038	.0033062	.008952
%RSD	.0867727	.1926832	.2745136	2.594855	27.83498	1.022036	.1800787

#1	8.318427	17.31382	.1671269	-.009564	1.117823	.3272015	4.980093
#2	8.315120	17.25894	.1662826	-.009724	.635419	.3224146	4.971078
#3	8.328947	17.31914	.1670119	-.010061	1.041484	.3208574	4.962189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.90242	.6886528	.1216006	.0040375	.2451882	55.53333	-.004505
Stddev	.14674	.0030573	.0047309	.0006022	.0023137	.23368	.001034
%RSD	1.137343	.4439484	3.890524	14.91440	.9436378	.4207935	22.95982

#1	12.76142	.6880456	.1264561	.0039061	.2468847	55.26678	-.005415
#2	12.89153	.6919680	.1170050	.0046945	.2461272	55.70296	-.004721
#3	13.05430	.6859446	.1213406	.0035119	.2425526	55.63023	-.003380

Sample Name: M4452-20 Acquired: 01/10/2022 13:46:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.106193	.0620424	-.007751
Stddev	.002976	.0009738	.000433
%RSD	.2690655	1.569534	5.582454

#1	1.109528	.0616239	-.007332
#2	1.105242	.0613478	-.007725
#3	1.103808	.0631554	-.008197

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.476	47802.33	7065.242	1328.458	1952.464
Stddev	4.887	96.90	10.929	8.894	2.477
%RSD	.3364325	.2027127	.1546900	.6695043	.1268569

#1	1454.793	47813.01	7068.059	1318.554	1954.371
#2	1455.772	47700.53	7053.180	1331.058	1953.357
#3	1446.862	47893.45	7074.487	1335.763	1949.665

Sample Name: M4452-21 Acquired: 01/10/2022 13:50:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1548086	-.006618	1.426535	.0296939	.0032906	103.9578	2.175939
Stddev	.0234324	.003307	.001377	.0068689	.0021704	.4262	.006432
%RSD	15.13635	49.96818	.0965524	23.13240	65.95617	.4099317	.2956070

#1	.1535313	-.008654	1.424992	.0241371	.0035293	103.5459	2.172159
#2	.1320410	-.008398	1.427642	.0373737	.0010108	104.3969	2.183365
#3	.1788535	-.002802	1.426970	.0275709	.0053318	103.9306	2.172292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104400	.0693047	36.75587	.1552380	.0957958	.2910234	182.7389
Stddev	.0002240	.0002644	.06869	.0009184	.0002535	.0018271	.4569
%RSD	2.145600	.3814528	.1868881	.5916332	.2645746	.6278158	.2500275

#1	.0102310	.0690030	36.72267	.1545516	.0960068	.2895325	182.3172
#2	.0104126	.0694150	36.83485	.1562813	.0955147	.2904761	183.2244
#3	.0106765	.0694961	36.71007	.1548812	.0958660	.2930616	182.6751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.653965	16.78231	.1791702	-.009338	.8350947	.3248574	5.402339
Stddev	.016239	.01875	.0012878	.000605	.2075501	.0050308	.047405
%RSD	.1876522	.1117048	.7187332	6.480911	24.85349	1.548605	.8774964

#1	8.637377	16.76117	.1789753	-.009544	.6066248	.3194313	5.383433
#2	8.669832	16.79692	.1779910	-.008657	1.012005	.3257743	5.367304
#3	8.654686	16.78883	.1805443	-.009813	.886654	.3293667	5.456280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32950	.6747679	.1332474	.0050379	.2686719	55.02643	.0037492
Stddev	.06035	.0014858	.0007796	.0007275	.0008746	.27850	.0011358
%RSD	.4894543	.2202012	.5850895	14.44100	.3255397	.5061266	30.29457

#1	12.31076	.6735026	.1340179	.0042052	.2679963	54.73606	.0045095
#2	12.28074	.6743971	.1332654	.0053579	.2683597	55.05191	.0024436
#3	12.39699	.6764040	.1324590	.0055505	.2696598	55.29132	.0042945

Sample Name: M4452-21 Acquired: 01/10/2022 13:50:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.126562	.0616168	-.019867
Stddev	.001849	.0011576	.000418
%RSD	.1641078	1.878675	2.104881

#1	1.128689	.0615286	-.019469
#2	1.125654	.0628159	-.020303
#3	1.125342	.0605058	-.019827

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.901	47509.11	7085.143	1317.672	1955.316
Stddev	.648	139.78	39.119	12.060	.567
%RSD	.0445753	.2942268	.5521283	.9152708	.0290146

#1	1453.458	47440.25	7121.552	1320.087	1954.665
#2	1453.602	47669.96	7090.092	1328.343	1955.706
#3	1454.645	47417.11	7043.785	1304.588	1955.576

Sample Name: M4452-20LX5 Acquired: 01/10/2022 13:54:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370059	-.001432	.2038365	.0111265	-.001785	23.27197	.4808532
Stddev	.0063117	.000489	.0027910	.0015944	.003557	.15838	.0023137
%RSD	17.05590	34.17754	1.369213	14.32943	199.2132	.6805619	.4811735

#1	.0402657	-.001870	.2006606	.0100923	-.005120	23.10329	.4792800
#2	.0410212	-.001522	.2049501	.0103245	-.002195	23.29511	.4797697
#3	.0297308	-.000904	.2058987	.0129626	.001959	23.41750	.4835099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021053	.0121273	8.417635	.0355504	.0191370	.0578803	40.04976
Stddev	.0000377	.0000517	.059436	.0003795	.0005420	.0042669	.27750
%RSD	1.789831	.4266627	.7060937	1.067620	2.832031	7.371923	.6928949

#1	.0021483	.0120908	8.355067	.0354182	.0191014	.0559252	39.75572
#2	.0020902	.0121865	8.424495	.0352546	.0186138	.0549412	40.08649
#3	.0020776	.0121047	8.473344	.0359783	.0196960	.0627744	40.30707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.899299	3.902086	.0331500	-.001354	-.066367	.0710996	1.151655
Stddev	.013465	.010778	.0006974	.000293	.172435	.0029524	.023289
%RSD	.7089463	.2762080	2.103619	21.66093	259.8197	4.152488	2.022193

#1	1.884275	3.892228	.0337601	-.001387	.128945	.0732444	1.164922
#2	1.903347	3.913594	.0323898	-.001630	-.130501	.0723222	1.124764
#3	1.910276	3.900436	.0333001	-.001046	-.197546	.0677323	1.165279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.474874	.1291946	.0260448	.0007792	.0449973	12.25701	-.016566
Stddev	.036747	.0006172	.0002807	.0003286	.0008111	.04924	.002059
%RSD	1.484790	.4777645	1.077843	42.17635	1.802618	.4017109	12.43138

#1	2.433268	.1285168	.0259356	.0010553	.0447227	12.28259	-.017246
#2	2.488465	.1293429	.0258350	.0004157	.0459101	12.20025	-.014253
#3	2.502889	.1297242	.0263637	.0008665	.0443591	12.28819	-.018200

Sample Name: M4452-20LX5 Acquired: 01/10/2022 13:54:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXBC6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2509868	.0079119	-.002494
Stddev	.0025592	.0014430	.000192
%RSD	1.019654	18.23869	7.713340

#1	.2483076	.0093519	-.002281
#2	.2512466	.0064659	-.002656
#3	.2534062	.0079179	-.002544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.555	43376.08	6398.919	1207.248	2060.979
Stddev	2.944	83.54	21.549	9.425	7.375
%RSD	.2196439	.1925897	.3367541	.7806624	.3578222

#1	1341.615	43419.95	6403.137	1216.389	2060.505
#2	1342.822	43428.54	6418.047	1207.793	2068.579
#3	1337.227	43279.74	6375.573	1197.564	2053.852

Sample Name: M4452-22 Acquired: 01/10/2022 13:58:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971370	.0765639	2.498714	.1076723	.0351402	112.8427	6.148901
Stddev	.0105962	.0042416	.009533	.0053320	.0049411	.5322	.012048
%RSD	5.375032	5.539955	.3815083	4.952014	14.06101	.4716207	.1959360

#1	.1970220	.0736251	2.507458	.1107955	.0321311	112.8866	6.137676
#2	.1865989	.0746402	2.488551	.1107056	.0408427	113.3515	6.161630
#3	.2077903	.0814265	2.500132	.1015157	.0324467	112.2899	6.147397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1125297	.1913450	45.87697	.5663237	1.140121	.9287302	193.1646
Stddev	.0013590	.0003974	.15789	.0042454	.002458	.0060765	.8991
%RSD	1.207700	.2077130	.3441497	.7496401	.2155561	.6542851	.4654474

#1	.1131623	.1917932	45.86462	.5691860	1.142637	.9325735	193.1629
#2	.1134571	.1912064	46.04068	.5683390	1.139998	.9318924	194.0646
#3	.1109697	.1910354	45.72563	.5614460	1.137727	.9217246	192.2665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80388	17.51170	1.295060	.0691798	1.364135	1.267512	7.080865
Stddev	.03331	.12481	.002470	.0002518	.184401	.000792	.187459
%RSD	.3082786	.7127291	.1907403	.3639561	13.51778	.0624521	2.647399

#1	10.79221	17.42552	1.297894	.0693482	1.306472	1.268311	6.903671
#2	10.84145	17.65482	1.293925	.0688904	1.215457	1.266728	7.277131
#3	10.77797	17.45474	1.293362	.0693008	1.570477	1.267497	7.061795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39050	.7319459	.1547901	.0091695	.5469217	49.93771	.0203336
Stddev	.10472	.0018153	.0015583	.0002073	.0010905	.58584	.0023315
%RSD	.8451790	.2480134	1.006698	2.260437	.1993831	1.173132	11.46618

#1	12.41173	.7334278	.1565423	.0093775	.5478112	50.18255	.0208982
#2	12.48298	.7299211	.1542685	.0089630	.5472488	50.36141	.0223309
#3	12.27679	.7324890	.1535596	.0091681	.5457051	49.26918	.0177717

Sample Name: M4452-22 Acquired: 01/10/2022 13:58:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXBC6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.244590	.0748183	-.002965
Stddev	.013256	.0026405	.000579
%RSD	1.065058	3.529236	19.51995

#1	1.229348	.0726789	-.003589
#2	1.250998	.0777693	-.002862
#3	1.253424	.0740066	-.002445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.149	47009.22	7023.269	1294.609	1930.491
Stddev	.980	109.30	60.348	7.049	1.392
%RSD	.0681835	.2324979	.8592616	.5445219	.0720869

#1	1436.391	46967.10	7006.090	1286.628	1928.928
#2	1436.801	46927.26	6973.373	1297.215	1930.947
#3	1438.256	47133.31	7090.344	1299.985	1931.597

Sample Name: CCV071 Acquired: 01/10/2022 14:02:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.161484	4.957462	24.96578	4.987497	5.297893	419.8652
Stddev	.008434	.004750	.04611	.001833	.022228	3.1461
%RSD	.1633968	.0958205	.1847121	.0367573	.4195703	.7493038

#1	5.170802	4.952582	24.93185	4.986193	5.274998	417.5942
#2	5.154374	4.957733	24.94720	4.986706	5.299291	423.4562
#3	5.159275	4.962071	25.01828	4.989593	5.319389	418.5453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64466	.5308690	2.504982	398.8512	15.23981	2.454908
Stddev	.03645	.0014821	.004219	1.6711	.02017	.001244
%RSD	.3424002	.2791841	.1684115	.4189687	.1323436	.0506893

#1	10.64670	.5304625	2.500138	398.0600	15.23194	2.456098
#2	10.68004	.5325120	2.507853	400.7710	15.22477	2.455010
#3	10.60723	.5296326	2.506955	397.7227	15.26273	2.453616

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20698	396.4975	14.58627	389.2370	2.674496	1.192170
Stddev	.16005	2.6056	.06896	1.9295	.011149	.001493
%RSD	1.052503	.6571458	.4727716	.4957104	.4168518	.1252084

#1	15.09184	395.6128	14.55541	388.4286	2.664574	1.192567
#2	15.38975	399.4303	14.66527	391.4392	2.672354	1.193424
#3	15.13935	394.4495	14.53813	387.8432	2.686560	1.190519

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.5833	2.569301	F 12.01331	158.1921	F 6.176692	5.181972
Stddev	2.9921	.017469	.21085	1.2722	.010418	.017948
%RSD	.7323065	.6799071	1.755141	.8042295	.1686730	.3463619

#1	406.1665	2.556053	11.78483	157.3559	6.164770	5.181167
#2	411.9299	2.589098	12.20039	159.6562	6.184047	5.200309
#3	407.6536	2.562751	12.05472	157.5642	6.181259	5.164439

Sample Name: CCV071 Acquired: 01/10/2022 14:02:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.978541	5.440560	5.111334	5.261501	4.813600	5.088367
Stddev	.010642	.008128	.014174	.016955	.011677	.015292
%RSD	.2137654	.1494040	.2772955	.3222439	.2425761	.3005271
#1	4.968351	5.434106	5.117395	5.253478	4.827060	5.089562
#2	4.977689	5.437886	5.121470	5.250047	4.806179	5.103027
#3	4.989584	5.449689	5.095138	5.280978	4.807563	5.072513

Elem	Sr4077
Units	ppm
Avg	4.779279
Stddev	.012769
%RSD	.2671693
#1	4.779948
#2	4.791699
#3	4.766188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1064.830	38266.33	5839.469	996.0485	1526.797
Stddev	1.992	125.83	34.540	7.1150	2.293
%RSD	.1871063	.3288252	.5914849	.7143233	.1501693
#1	1067.076	38285.59	5843.968	1001.894	1529.444
#2	1063.275	38131.99	5802.900	988.126	1525.495
#3	1064.141	38381.42	5871.538	998.125	1525.451

Sample Name: CCB071 Acquired: 01/10/2022 14:12:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004912	-.000364	-.000350	.0001179	-.000630	.0243217	-.001612
Stddev	.006055	.003521	.001798	.0022851	.001355	.0127904	.000119
%RSD	123.2542	968.0653	514.2270	1938.298	215.0444	52.58820	7.391343

#1	-.009625	-.002636	-.002396	-.000722	-.001855	.0388467	-.001552
#2	.001916	-.002147	.000980	.002704	.000826	.0147437	-.001534
#3	-.007028	.003692	.000367	-.001628	-.000862	.0193748	-.001749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000632	-.000003	.0366177	.0010149	.0000302	.0043112	.0264358
Stddev	.0000531	.000050	.0176009	.0000622	.0002453	.0041081	.0065135
%RSD	84.08743	1734.104	48.06644	6.123101	812.8425	95.28883	24.63894

#1	.0001235	.000053	.0441699	.0010591	.0002793	.0075750	.0339243
#2	.0000231	-.000042	.0491822	.0010419	.0000225	.0056603	.0220851
#3	.0000430	-.000020	.0165011	.0009439	-.000211	-.000302	.0232980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007698	.0337867	.0000886	.0014181	-.094309	-.000234	-.009505
Stddev	.0004099	.0351816	.0003568	.0005129	.124013	.002710	.012802
%RSD	53.24311	104.1287	402.6770	36.17014	131.4971	1156.872	134.6866

#1	.0012340	.0464374	-.000147	.0019806	-.174601	-.002396	.000713
#2	.0006174	.0608936	.000499	.0009763	-.156846	-.001113	-.005363
#3	.0004579	-.005971	-.000086	.0012974	.048522	.002806	-.023866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4000317	-.001723	.0010345	.0003218	.0000247	.0021163	-.001556
Stddev	.0918172	.000402	.0017940	.0000892	.0002243	.0014843	.000777
%RSD	22.95247	23.31102	173.4249	27.72414	907.2128	70.13331	49.93143

#1	.3958238	-.002183	.0030158	.0003464	.0002101	.0010206	-.000718
#2	.3103909	-.001439	-.000480	.0002229	-.000225	.0015230	-.001698
#3	.4938805	-.001547	.000568	.0003962	.000089	.0038055	-.002252

Sample Name: CCB071 Acquired: 01/10/2022 14:12:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000857	-.005150	.0001355
Stddev	.0012557	.002203	.0000758
%RSD	1464.816	42.77729	55.93702

#1	-.000191	-.004060	.0000573
#2	-.001008	-.003704	.0002086
#3	.001457	-.007685	.0001407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.409	41615.63	6103.142	1153.110	2039.839
Stddev	2.217	161.64	15.307	3.197	6.978
%RSD	.1724973	.3884026	.2508078	.2772869	.3420683

#1	1283.701	41747.28	6119.750	1153.653	2033.137
#2	1284.611	41664.37	6089.600	1156.001	2039.316
#3	1287.915	41435.23	6100.075	1149.676	2047.063

Sample Name: PB140412BL Acquired: 01/10/2022 14:16:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW412 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071787	.0065311	.0024409	-.004116	-.003670	.0254048
Stddev	.0020860	.0012312	.0002169	.001840	.000289	.0026760
%RSD	29.05822	18.85165	8.884642	44.71553	7.877689	10.53333

#1	.0054348	.0079233	.0023093	-.005629	-.003968	.0279992
#2	.0066117	.0055858	.0026912	-.004651	-.003652	.0255609
#3	.0094896	.0060840	.0023222	-.002067	-.003391	.0226541

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001443	.0001454	-.000199	-.014190	.0006327	-.000121
Stddev	.000102	.0000126	.000013	.002582	.0000245	.000073
%RSD	7.084740	8.654036	6.583665	18.19644	3.869741	60.55633

#1	-.001405	.0001519	-.000188	-.016254	.0006076	-.000081
#2	-.001559	.0001309	-.000214	-.011295	.0006339	-.000206
#3	-.001365	.0001534	-.000196	-.015022	.0006565	-.000077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001643	-.000386	.0002315	.0378992	.0011085	.0014214
Stddev	.000632	.003079	.0001894	.0113300	.0000502	.0001192
%RSD	38.46941	798.3032	81.82800	29.89515	4.529100	8.383734

#1	-.001692	.001163	.0000250	.0476028	.0011639	.0014632
#2	-.000988	-.003932	.0003971	.0406467	.0010659	.0015140
#3	-.002249	.001612	.0002723	.0254481	.0010957	.0012869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7834970	.0009509	.0018149	-.932660	-.001713	-.002562
Stddev	.0296090	.0001029	.0030504	.017937	.000125	.000167
%RSD	3.779081	10.82117	168.0774	1.923260	7.310744	6.525575

#1	.7938733	.0009584	-.001705	-.949563	-.001838	-.002655
#2	.7500964	.0010499	.003693	-.934575	-.001713	-.002661
#3	.8065213	.0008445	.003456	-.913841	-.001587	-.002369

Sample Name: PB140412BL Acquired: 01/10/2022 14:16:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW412 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	-.000161	-.002353	F -.021509	.0021187	-.005196
Stddev	.000093	.000062	.002565	.000247	.0003004	.000849
%RSD	37.46932	38.28647	108.9887	1.147258	14.17712	16.33263
#1	-.000312	-.000093	.000466	-.021253	.0024619	-.005011
#2	-.000142	-.000179	-.002979	-.021746	.0019904	-.006121
#3	-.000293	-.000212	-.004547	-.021528	.0019037	-.004454

Elem	Sr4077
Units	ppm
Avg	-.000140
Stddev	.000037
%RSD	26.07543
#1	-.000175
#2	-.000102
#3	-.000142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6464.997	202589.3	25371.97	5805.329	10689.50
Stddev	12.228	1655.0	543.98	65.888	22.58
%RSD	.1891418	.8169463	2.144030	1.134964	.2112512
#1	6472.777	203746.4	25997.73	5806.435	10695.47
#2	6471.311	200693.5	25011.79	5738.895	10708.49
#3	6450.903	203328.0	25106.40	5870.658	10664.53

Sample Name: PB140412BS Acquired: 01/10/2022 14:31:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS412 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190988	.0470675	.0202682	.0756661	.1278484	.4206540
Stddev	.0055392	.0057221	.0015596	.0099268	.0021648	.0061586
%RSD	29.00276	12.15733	7.694797	13.11916	1.693262	1.464053

#1	.0169801	.0486090	.0187547	.0794820	.1255776	.4137456
#2	.0149317	.0518610	.0201799	.0831188	.1298888	.4255691
#3	.0253846	.0407325	.0218701	.0643977	.1280790	.4226472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4357303	.0113977	.0108017	10.48134	.0226368	.0969600
Stddev	.0026281	.0001324	.0000514	.04115	.0003470	.0001674
%RSD	.6031386	1.161675	.4758243	.3926118	1.532957	.1726602

#1	.4351081	.0115005	.0108478	10.51136	.0222366	.0968549
#2	.4334691	.0112483	.0107463	10.43443	.0228543	.0968720
#3	.4386136	.0114444	.0108111	10.49822	.0228195	.0971530

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554921	.2102695	.0318687	10.12101	.0878859	.0211124
Stddev	.0021540	.0047596	.0007121	.04601	.0010738	.0002793
%RSD	3.881541	2.263583	2.234386	.4546341	1.221749	1.322884

#1	.0579718	.2114517	.0323908	10.17159	.0868007	.0211217
#2	.0544200	.2143266	.0310576	10.08164	.0889478	.0213869
#3	.0540846	.2050302	.0321578	10.10979	.0879091	.0208286

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16677	.1085736	.0930511	10.97816	F .0017113	.0197758
Stddev	.13420	.0011698	.0130751	.10501	.0002656	.0008993
%RSD	1.320023	1.077382	14.05157	.9565567	15.51782	4.547658

#1	10.25255	.1089919	.1078831	11.09827	.0020150	.0200927
#2	10.01212	.1094766	.0831922	10.93258	.0015225	.0204738
#3	10.23566	.1072522	.0880779	10.90364	.0015965	.0187609

Sample Name: PB140412BS Acquired: 01/10/2022 14:31:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS412 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215251	F .0194966	.2170918	.0126950	.2062350	.0245753
Stddev	.0003405	.0005002	.0012982	.0019334	.0028537	.0023756
%RSD	1.582079	2.565361	.5979959	15.22959	1.383698	9.666772

#1	.0218450	.0197501	.2183114	.0147970	.2072688	.0225689
#2	.0215630	.0198193	.2172368	.0122956	.2030085	.0271985
#3	.0211671	.0189205	.2157271	.0109926	.2084277	.0239584

Elem	Sr4077
Units	ppm
Avg	.2149251
Stddev	.0009123
%RSD	.4244687

#1	.2159038
#2	.2140983
#3	.2147734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.251	41468.36	6086.997	1138.779	1995.649
Stddev	2.977	183.36	17.659	8.021	4.516
%RSD	.2343921	.4421601	.2901083	.7043367	.2262901

#1	1270.080	41679.42	6080.591	1145.571	1994.272
#2	1273.311	41377.34	6106.965	1140.837	2000.693
#3	1267.364	41348.33	6073.436	1129.930	1991.982

Sample Name: PB139520BL Acquired: 01/10/2022 14:35:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079340	.0007557	.0016549	.0010351	-.000723	.0012337	-.001581
Stddev	.0015419	.0022350	.0029351	.0022744	.002437	.0090744	.000395
%RSD	19.43417	295.7603	177.3622	219.7250	336.9068	735.5356	24.96487

#1	.0095702	.0005775	.0047198	.0030889	-.002211	-.009041	-.001918
#2	.0077239	-.001385	.0013752	-.001409	.002089	.008149	-.001679
#3	.0065080	.003074	-.001130	.001426	-.002048	.004593	-.001147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000510	.0088300	-.000285	-.000077	.0023226	.0025311
Stddev	.000054	.0000528	.0050576	.000213	.000111	.0032150	.0135152
%RSD	2733.749	103.7027	57.27769	74.85492	144.5908	138.4215	533.9565

#1	.000057	-.000010	.0061931	-.000320	-.000150	-.001229	.0008207
#2	-.000048	.000088	.0056358	-.000478	.000051	.003163	-.010047
#3	-.000014	.000074	.0146612	-.000056	-.000132	.005034	.016820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000081	.0199219	.0000409	.0011515	-.267015	-.000367	-.002168
Stddev	.000370	.0170107	.0007101	.0004419	.229698	.002965	.005676
%RSD	459.5529	85.38682	1737.446	38.38022	86.02460	807.4267	261.8211

#1	-.000505	.0074358	.0008258	.0016538	-.029694	.001658	-.007272
#2	.000173	.0130334	-.000557	.0009780	-.283105	.001011	.003945
#3	.000090	.0392964	-.000146	.0008226	-.488245	-.003770	-.003176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4249436	-.001725	-.001419	.0001330	.0001655	.0009380	-.002006
Stddev	.0592680	.000025	.001658	.0005949	.0007337	.0014792	.000522
%RSD	13.94727	1.463151	116.8193	447.2898	443.2689	157.6974	26.00087

#1	.3710372	-.001714	-.001972	.0002491	.0010127	-.000394	-.001552
#2	.4153826	-.001754	-.002731	.0006613	-.000260	.002530	-.001890
#3	.4884109	-.001707	.000444	-.000511	-.000256	.000678	-.002576

Sample Name: PB139520BL Acquired: 01/10/2022 14:35:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW520 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000681	-.007235	-.000015
Stddev	.0011169	.001314	.000023
%RSD	1640.631	18.16097	152.4055

#1	-.000040	-.006194	-.000030
#2	-.000991	-.008711	-.000027
#3	.001235	-.006799	.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.305	41863.51	6076.600	1160.903	2042.964
Stddev	1.069	123.33	28.611	3.238	2.708
%RSD	.0832052	.2946100	.4708397	.2789281	.1325456

#1	1284.322	41736.12	6043.775	1159.059	2041.198
#2	1286.444	41872.06	6089.775	1159.007	2046.082
#3	1285.149	41982.35	6096.250	1164.641	2041.614

Sample Name: PB139520BS Acquired: 01/10/2022 14:39:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS520 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157898	.0480540	.0188478	.0742651	.1243541	.4214093
Stddev	.0176996	.0006665	.0028679	.0029970	.0021283	.0078118
%RSD	112.0949	1.386968	15.21606	4.035570	1.711453	1.853727

#1	.0327249	.0487876	.0211817	.0754692	.1224584	.4126043
#2	-.002586	.0478885	.0156463	.0708533	.1266563	.4241153
#3	.017231	.0474858	.0197153	.0764729	.1239477	.4275082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4324559	.0112618	.0106136	10.40129	.0217896	.0966536
Stddev	.0013311	.0001306	.0000573	.03654	.0000462	.0004859
%RSD	.3077905	1.159409	.5402333	.3512731	.2118221	.5027255

#1	.4338833	.0111837	.0106452	10.43245	.0218278	.0969626
#2	.4312486	.0111893	.0106481	10.36108	.0217383	.0969045
#3	.4322358	.0114126	.0105474	10.41033	.0218026	.0960935

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576705	.2065195	.0309811	9.992787	.0875376	.0212391
Stddev	.0019849	.0063308	.0007420	.071642	.0001482	.0002676
%RSD	3.441739	3.065461	2.395033	.7169402	.1693028	1.259775

#1	.0599032	.2020451	.0314319	10.01728	.0876103	.0215006
#2	.0561060	.2137631	.0301247	9.91211	.0876354	.0212507
#3	.0570022	.2037505	.0313866	10.04897	.0873671	.0209659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.724676	.1059906	.0853383	10.78750	F .0016375	.0197440
Stddev	.263187	.0075310	.0089540	.10737	.0001338	.0001802
%RSD	2.706384	7.105367	10.49231	.9953117	8.167927	.9127613

#1	9.986123	.0976285	.0943112	10.71089	.0014881	.0196857
#2	9.728122	.1081048	.0853001	10.74139	.0017459	.0196001
#3	9.459783	.1122386	.0764034	10.91023	.0016786	.0199461

Sample Name: PB139520BS Acquired: 01/10/2022 14:39:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS520 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216617	F .0191076	.2153472	.0125264	.2024891	.0246179
Stddev	.0002910	.0004304	.0022415	.0002909	.0020694	.0016886
%RSD	1.343281	2.252692	1.040864	2.322423	1.021995	6.859371

#1	.0218208	.0188077	.2135578	.0123322	.2038937	.0262467
#2	.0213258	.0196008	.2146223	.0123861	.2001126	.0247319
#3	.0218383	.0189144	.2178614	.0128608	.2034610	.0228752

Elem	Sr4077
Units	ppm
Avg	.2128767
Stddev	.0004894
%RSD	.2298917

#1	.2128956
#2	.2123781
#3	.2133563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.101	41798.77	6162.470	1146.804	1998.681
Stddev	1.596	292.68	58.168	4.216	6.025
%RSD	.1255236	.7002214	.9439004	.3676359	.3014596

#1	1270.601	41654.18	6167.789	1149.441	1992.127
#2	1272.887	42135.61	6217.796	1149.029	2003.979
#3	1269.815	41606.51	6101.826	1141.941	1999.937

Sample Name: PB139519BL Acquired: 01/10/2022 14:43:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019328	.0015597	.0000321	.0017668	-.001192	-.001540	-.001896
Stddev	.0091716	.0037284	.0033327	.0042805	.000836	.015021	.000655
%RSD	474.5168	239.0531	10369.40	242.2786	70.14989	975.6674	34.57967

#1	-.005345	.0028221	-.002113	.0058780	-.000228	-.013422	-.002583
#2	-.001091	-.002636	.003872	.0020872	-.001716	.015344	-.001278
#3	.012235	.004493	-.001662	-.002665	-.001632	-.006541	-.001826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000034	-.004959	.0001777	-.000072	.0029422	-.006814
Stddev	.000034	.000081	.002787	.0002732	.000466	.0024579	.008906
%RSD	499.3902	237.1634	56.18639	153.7741	648.5410	83.54035	130.6989

#1	-.000015	-.000033	-.004534	-.000114	.000462	.0038938	.003264
#2	-.000037	-.000117	-.002410	.000428	-.000282	.0001508	-.013627
#3	.000031	.000046	-.007934	.000219	-.000396	.0047820	-.010080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000161	.0414981	.0001471	.0015204	-.244675	-.004935	-.006137
Stddev	.000534	.0191926	.0002118	.0003381	.184399	.003035	.008046
%RSD	331.5365	46.24932	144.0004	22.23809	75.36467	61.49860	131.1053

#1	-.000465	.0561988	-.000020	.0012851	-.203915	-.001808	-.008325
#2	-.000475	.0485098	.000385	.0013683	-.084067	-.005128	-.012863
#3	.000456	.0197856	.000076	.0019079	-.446043	-.007870	.002777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3065156	-.001362	-.002535	.0001503	-.000219	.0017165	-.002028
Stddev	.0932618	.000541	.001329	.0000529	.000349	.0014479	.001322
%RSD	30.42644	39.73530	52.41119	35.18755	159.3774	84.35377	65.18391

#1	.3828868	-.000737	-.003946	.0001529	-.000148	.0031448	-.000574
#2	.3340822	-.001687	-.002351	.0000962	.000089	.0002497	-.003159
#3	.2025779	-.001663	-.001308	.0002019	-.000598	.0017549	-.002352

Sample Name: PB139519BL Acquired: 01/10/2022 14:43:58 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW519 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001101	-.004375	-.000075
Stddev	.001374	.000781	.000048
%RSD	124.8265	17.85431	63.63543

#1	.000480	-.003474	-.000065
#2	-.001768	-.004790	-.000033
#3	-.002014	-.004861	-.000127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.772	42295.62	6099.633	1175.952	2040.254
Stddev	1.567	1490.89	49.454	41.258	3.160
%RSD	.1221255	3.524924	.8107622	3.508487	.1548931

#1	1282.399	44002.32	6094.150	1221.896	2037.348
#2	1284.491	41247.01	6151.600	1142.066	2043.618
#3	1281.425	41637.52	6053.150	1163.894	2039.796

Sample Name: PB139522BL Acquired: 01/10/2022 14:52:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057170	-.000522	.0004284	.0020242	-.004213	.0013954	-.001674
Stddev	.0041066	.005186	.0020241	.0070948	.001684	.0117989	.000722
%RSD	71.83196	993.5963	472.4826	350.4999	39.96752	845.5716	43.16120

#1	.0010943	-.006096	.0027199	.0041398	-.002673	.0028678	-.002372
#2	.0071132	.000370	-.000319	.0078206	-.003955	.0123889	-.001721
#3	.0089435	.004161	-.001116	-.005888	-.006011	-.011071	-.000929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000431	.0197206	-.000183	-.000070	.0004259	.0043260
Stddev	.000066	.0000403	.0150434	.000570	.000216	.0031819	.0130585
%RSD	2950.199	93.58072	76.28294	312.0341	306.6515	747.0544	301.8607

#1	-.000029	.0000267	.0209002	-.000605	.000044	-.000962	.0086914
#2	.000073	.0000890	.0041220	.000466	-.000319	.004066	.0146426
#3	-.000051	.0000135	.0341394	-.000409	.000064	-.001826	-.010356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000555	.0371225	.0002154	.0009956	-.105429	-.002522	-.006335
Stddev	.0005086	.0194322	.0003008	.0002756	.114042	.001662	.013280
%RSD	916.2395	52.34629	139.6505	27.67584	108.1697	65.90435	209.6262

#1	-.000525	.0299913	.0002664	.0010588	-.209570	-.003702	-.014380
#2	.000269	.0222632	-.000108	.0006940	-.123155	-.000621	-.013619
#3	.000423	.0591128	.000487	.0012341	.016438	-.003244	.008993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3690012	-.000964	-.002536	.0001098	.0000364	.0014492	-.001489
Stddev	.0448488	.000356	.000451	.0006564	.0005619	.0022325	.000631
%RSD	12.15410	36.94756	17.77270	597.7179	1541.829	154.0575	42.34861

#1	.3335001	-.001375	-.002284	.0007820	.0001485	.0015830	-.002192
#2	.4194039	-.000766	-.003056	-.000530	-.000573	.0036118	-.000974
#3	.3540995	-.000750	-.002268	.000077	.000534	-.000847	-.001300

Sample Name: PB139522BL Acquired: 01/10/2022 14:52:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW522 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008316	-.008522	-.000102
Stddev	.0008356	.001598	.000117
%RSD	100.4860	18.75193	114.6479

#1	-.000122	-.006994	-.000061
#2	.001178	-.010182	-.000011
#3	.001438	-.008391	-.000233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.840	41873.24	6152.425	1163.452	2045.488
Stddev	1.401	179.04	63.785	7.637	4.147
%RSD	.1089868	.4275858	1.036742	.6563990	.2027200

#1	1284.714	41715.34	6160.100	1157.415	2042.853
#2	1287.409	41836.60	6212.025	1172.037	2050.268
#3	1285.396	42067.76	6085.150	1160.903	2043.343

Sample Name: PB139522BS Acquired: 01/10/2022 14:56:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203224	.0513216	.0159326	.0717665	.1245066	.4212476
Stddev	.0041761	.0058681	.0028080	.0103738	.0008198	.0082974
%RSD	20.54942	11.43402	17.62445	14.45488	.6584171	1.969716

#1	.0237622	.0450967	.0132602	.0805393	.1253119	.4156349
#2	.0156757	.0567520	.0156787	.0603166	.1245347	.4307786
#3	.0215294	.0521162	.0188590	.0744435	.1236731	.4173295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4285651	.0112196	.0106249	10.31617	.0218570	.0960931
Stddev	.0013060	.0000227	.0002275	.03730	.0005722	.0004785
%RSD	.3047343	.2022896	2.141075	.3615746	2.617946	.4979827

#1	.4272510	.0112387	.0104220	10.27316	.0219002	.0966446
#2	.4298628	.0112255	.0108708	10.33573	.0224063	.0958478
#3	.4285816	.0111945	.0105819	10.33963	.0212644	.0957870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577207	.2092489	.0314363	9.909962	.0872659	.0208872
Stddev	.0035006	.0131431	.0001445	.072611	.0003576	.0004496
%RSD	6.064646	6.281076	.4596593	.7327081	.4097386	2.152361

#1	.0557498	.1961809	.0314038	9.879359	.0868555	.0211391
#2	.0617624	.2224658	.0313108	9.992865	.0874319	.0211544
#3	.0556499	.2090999	.0315943	9.857661	.0875103	.0203682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.858412	.1107449	F .0676197	10.82303	F .0011012	.0200551
Stddev	.094582	.0018942	.0153484	.09773	.0002113	.0007620
%RSD	.9594085	1.710429	22.69806	.9029888	19.18365	3.799713

#1	9.967396	.1088400	.0834273	10.90008	.0008963	.0202121
#2	9.797785	.1126283	.0666559	10.71310	.0010892	.0192268
#3	9.810054	.1107663	.0527760	10.85591	.0013183	.0207265

Sample Name: PB139522BS Acquired: 01/10/2022 14:56:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS522 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212358	F .0193890	.2120827	.0136346	.2041941	.0235045
Stddev	.0006775	.0000898	.0002556	.0015024	.0006367	.0017182
%RSD	3.190610	.4631198	.1205057	11.01897	.3118101	7.310321

#1	.0216109	.0193547	.2119425	.0124019	.2048464	.0253804
#2	.0216428	.0194909	.2119279	.0131937	.2035743	.0231261
#3	.0204536	.0193214	.2123777	.0153081	.2041618	.0220070

Elem	Sr4077
Units	ppm
Avg	.2118594
Stddev	.0008148
%RSD	.3845710

#1	.2110942
#2	.2117680
#3	.2127160

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.845	41878.99	6164.402	1158.023	2008.805
Stddev	2.785	64.51	27.716	5.335	1.774
%RSD	.2178014	.1540371	.4496119	.4606647	.0883274

#1	1276.644	41940.20	6133.204	1161.302	2009.335
#2	1281.976	41885.13	6186.180	1151.868	2010.254
#3	1277.915	41811.63	6173.822	1160.900	2006.826

Sample Name: PB139519BS Acquired: 01/10/2022 15:07:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221076	.0478983	.0205156	.0695674	.1257488	.4179340	.4308512
Stddev	.0027118	.0024417	.0013493	.0029196	.0036009	.0091457	.0013505
%RSD	12.26636	5.097618	6.577049	4.196837	2.863558	2.188310	.3134523

#1	.0220496	.0484260	.0200752	.0724028	.1295701	.4251044	.4295576
#2	.0194252	.0452360	.0194416	.0697292	.1252574	.4210633	.4307438
#3	.0248479	.0500331	.0220301	.0665702	.1224188	.4076345	.4322522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112928	.0105692	10.33121	.0221265	.0954090	.0547621	.2142099
Stddev	.0001456	.0001110	.02024	.0001539	.0003580	.0027213	.0089268
%RSD	1.289505	1.050450	.1958641	.6953819	.3752442	4.969304	4.167294

#1	.0113811	.0105533	10.34565	.0222724	.0950441	.0561691	.2145988
#2	.0113724	.0106873	10.30808	.0221413	.0954230	.0516254	.2229359
#3	.0111247	.0104670	10.33990	.0219657	.0957598	.0564919	.2050951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311476	9.952876	.0875806	.0208410	10.14194	.1092132	.0721549
Stddev	.0002764	.026755	.0004847	.0005946	.57528	.0000590	.0235953
%RSD	.8872749	.2688204	.5533891	2.852820	5.672323	.0540324	32.70087

#1	.0313545	9.975401	.0872107	.0202056	10.25337	.1092725	.0553105
#2	.0312547	9.923302	.0874018	.0209336	10.65335	.1091545	.0620315
#3	.0308338	9.959926	.0881292	.0213838	9.51909	.1092127	.0991226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73962	.0017711	.0186501	.0216459	.0194021	.2142568	.0113155
Stddev	.10776	.0000568	.0020712	.0002541	.0008327	.0013829	.0010999
%RSD	1.003432	3.205715	11.10583	1.173852	4.291716	.6454317	9.720589

#1	10.75003	.0017827	.0206971	.0218388	.0192064	.2155953	.0106331
#2	10.84180	.0017094	.0165554	.0217409	.0203152	.2128335	.0125843
#3	10.62703	.0018212	.0186977	.0213580	.0186847	.2143417	.0107290

Sample Name: PB139519BS Acquired: 01/10/2022 15:07:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS519 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2033390	.0252089	.2126265
Stddev	.0026198	.0013438	.0002118
%RSD	1.288406	5.330741	.0996133

#1	.2061531	.0264962	.2126275
#2	.2028935	.0253157	.2124143
#3	.2009706	.0238149	.2128379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.141	41899.74	6154.906	1155.667	2001.940
Stddev	2.639	252.01	31.890	6.977	2.666
%RSD	.2072608	.6014517	.5181240	.6036949	.1331843

#1	1275.833	42086.13	6141.008	1161.424	2004.863
#2	1273.030	41613.02	6132.324	1147.908	1999.640
#3	1270.559	42000.07	6191.387	1157.669	2001.317

Sample Name: PB139570BL Acquired: 01/10/2022 15:11:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008562	-.001048	-.000884	.0024488	-.001420	-.000645	-.001065
Stddev	.008404	.002692	.001445	.0059103	.002084	.006259	.000214
%RSD	98.15075	256.9161	163.4601	241.3548	146.7405	970.3968	20.07956

#1	-.010419	.001365	-.001067	-.000964	.000280	-.006930	-.000834
#2	-.015882	-.000556	-.002229	-.000963	-.000796	.005587	-.001256
#3	.000615	-.003953	.000644	.009273	-.003745	-.000592	-.001106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001364	-.000003	.0148654	-.000019	-.000106	.0017774	.0038792
Stddev	.0001567	.000060	.0072837	.000370	.000150	.0050529	.0092832
%RSD	114.8902	1760.936	48.99781	1992.771	141.6192	284.2949	239.3057

#1	.0002931	-.000005	.0064808	-.000198	-.000181	-.001859	.0089775
#2	.0001366	.000058	.0184864	.000407	.000067	-.000356	.0094961
#3	-.000020	-.000063	.0196291	-.000265	-.000203	.007547	-.006836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001545	.0321441	.0001002	.0012876	-.134462	-.002308	-.015532
Stddev	.0003162	.0357765	.0004882	.0005073	.160963	.007786	.019744
%RSD	204.5640	111.3002	487.0614	39.39866	119.7095	337.3858	127.1153

#1	-.000069	-.003455	.0001619	.0012462	.050546	.002426	.006717
#2	.000016	.031792	.0005547	.0008023	-.211527	.001945	-.030963
#3	.000516	.068095	-.000416	.0018143	-.242404	-.011294	-.022351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2727571	-.001924	-.003268	-.000064	.0001878	.0015266	-.002631
Stddev	.0780093	.000194	.001616	.000197	.0004054	.0007023	.001473
%RSD	28.60029	10.09187	49.45918	305.3696	215.8169	46.00549	55.96365

#1	.2258864	-.002084	-.001521	-.000292	.0006202	.0008013	-.001409
#2	.3628093	-.001708	-.004710	.000040	-.000184	.0022034	-.002219
#3	.2295756	-.001981	-.003574	.000059	.000127	.0015750	-.004266

Sample Name: PB139570BL Acquired: 01/10/2022 15:11:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW570 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010579	-.005956	-.000044
Stddev	.0018256	.000455	.000081
%RSD	172.5710	7.645628	185.5320

#1	-.000499	-.005799	-.000119
#2	.003067	-.005601	-.000055
#3	.000605	-.006470	.000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.382	42137.37	6200.500	1164.165	2043.876
Stddev	.616	232.30	36.282	13.993	.467
%RSD	.0478582	.5512822	.5851522	1.201947	.0228407

#1	1286.903	42278.83	6158.900	1178.875	2043.602
#2	1286.540	41869.27	6225.600	1151.021	2043.610
#3	1285.702	42264.00	6217.000	1162.600	2044.414

Sample Name: M4399-01 Acquired: 01/10/2022 15:20:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011725	-.000960	.0028082	.0000445	-.003676	.0094705	-.001352
Stddev	.0026972	.004848	.0006451	.0034739	.001128	.0085150	.000370
%RSD	230.0384	505.0798	22.97159	7812.298	30.69670	89.91116	27.34503

#1	.0005340	-.006458	.0027540	-.000232	-.003005	.0185687	-.001778
#2	.0041317	.002700	.0021919	-.003283	-.004979	.0081497	-.001135
#3	-.001148	.000878	.0034787	.003648	-.003044	.0016930	-.001141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000595	-.000034	.0492279	.0004216	-.000137	.0017628	-.000037
Stddev	.0000726	.000016	.0092250	.0004527	.000265	.0027639	.011447
%RSD	122.1017	46.84633	18.73945	107.3913	193.2731	156.7932	30813.64

#1	-.000019	-.000018	.0595086	.0007643	-.000102	.0037839	-.004385
#2	.000125	-.000034	.0416725	-.000092	.000109	-.001387	-.008673
#3	.000072	-.000050	.0465027	.000592	-.000418	.002891	.012947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002027	.0310687	.0007520	.0015212	-.272148	-.001370	-.000528
Stddev	.0005331	.0387198	.0002468	.0005558	.300010	.002074	.004526
%RSD	263.0018	124.6265	32.81646	36.53523	110.2379	151.3332	857.5881

#1	-.000210	.0089959	.0009370	.0018966	.005368	-.003369	-.004474
#2	.000014	.0757773	.0008471	.0017843	-.590474	.000771	.004413
#3	.000805	.0084328	.0004718	.0008827	-.231338	-.001513	-.001522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.589909	-.001454	-.001199	-.000141	.0020938	.0048401	-.022067
Stddev	.059027	.000212	.001947	.000261	.0003020	.0010776	.000498
%RSD	10.00616	14.58021	162.4179	184.6932	14.42228	22.26383	2.257282

#1	-.591352	-.001582	-.000888	.000127	.0023947	.0060843	-.021724
#2	-.648202	-.001209	.000574	-.000157	.0017908	.0042073	-.021838
#3	-.530174	-.001570	-.003283	-.000395	.0020958	.0042286	-.022638

Sample Name: M4399-01 Acquired: 01/10/2022 15:20:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012713	-.008447	.0001123
Stddev	.0008335	.001094	.0000716
%RSD	65.56537	12.94509	63.70278

#1	.0020021	-.009692	.0000523
#2	.0014483	-.007642	.0001915
#3	.0003635	-.008007	.0000931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1412.502	45751.68	6605.617	1284.229	2264.579
Stddev	7.634	100.04	16.465	5.969	9.742
%RSD	.5404906	.2186496	.2492525	.4647558	.4301703

#1	1413.010	45638.63	6598.275	1277.861	2258.594
#2	1404.626	45787.68	6594.100	1289.696	2259.322
#3	1419.870	45828.74	6624.475	1285.130	2275.819

Sample Name: M4399-02 Acquired: 01/10/2022 15:24:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046701	.0023787	-.000747	.0023733	-.003291	.0004165	-.001276
Stddev	.0062325	.0011272	.002123	.0043028	.000773	.0080406	.000632
%RSD	133.4555	47.38729	284.2073	181.2994	23.50221	1930.557	49.55944

#1	-.002515	.0016310	-.003198	.0068530	-.004026	.0024253	-.001786
#2	.007907	.0018299	.000411	.0019947	-.002484	.0072622	-.000569
#3	.008619	.0036752	.000546	-.001728	-.003363	-.008438	-.001473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001353	.0000089	.0617782	-.000003	-.000305	.0003752	.0130385
Stddev	.0000880	.0000714	.0053110	.000206	.000227	.0036438	.0042319
%RSD	65.04805	806.5860	8.596923	6631.511	74.63551	971.1309	32.45695

#1	.0001385	.0000065	.0558888	-.000116	-.000421	.0026469	.0082573
#2	.0000458	-.000061	.0662037	.000235	-.000043	-.003828	.0163034
#3	.0002217	.000081	.0632422	-.000128	-.000451	.002306	.0145547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000198	.0258503	.0007872	.0014294	-.368112	-.001297	-.004932
Stddev	.000291	.0068639	.0006010	.0004869	.210720	.005845	.005138
%RSD	147.0738	26.55247	76.34588	34.06257	57.24325	450.5291	104.1687

#1	.000127	.0235445	.0014215	.0016451	-.450180	.005393	-.004269
#2	-.000434	.0335701	.0007140	.0017712	-.128707	-.005412	-.010369
#3	-.000287	.0204361	.0002262	.0008719	-.525450	-.003872	-.000158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.599608	-.001315	-.002419	.0002754	-.000407	.0022630	-.021348
Stddev	.079588	.000423	.000330	.0002821	.000154	.0011102	.001090
%RSD	13.27335	32.17084	13.62942	102.4038	37.88476	49.05751	5.104450

#1	-.604051	-.001748	-.002799	.0000379	-.000538	.0028540	-.022520
#2	-.676881	-.000903	-.002212	.0005872	-.000237	.0029526	-.020366
#3	-.517891	-.001292	-.002245	.0002013	-.000444	.0009823	-.021159

Sample Name: M4399-02 Acquired: 01/10/2022 15:24:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011922	-.007228	-.000172
Stddev	.0018623	.000908	.000064
%RSD	156.2024	12.56482	37.10842

#1	.0004753	-.006796	-.000164
#2	.0033064	-.006616	-.000113
#3	-.000205	-.008272	-.000240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.506	45295.65	6594.383	1261.929	2249.733
Stddev	4.546	185.13	66.319	6.750	4.664
%RSD	.3243779	.4087059	1.005684	.5349014	.2073030

#1	1404.350	45333.76	6557.250	1266.103	2250.747
#2	1403.905	45458.76	6554.950	1265.544	2253.806
#3	1396.263	45094.44	6670.950	1254.142	2244.645

Sample Name: M4399-03 Acquired: 01/10/2022 15:28:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034322	-.003996	-.000048	.0013424	-.002712	.0046353	-.001045
Stddev	.0071330	.001359	.001058	.0017692	.002784	.0073391	.000837
%RSD	207.8252	34.01558	2226.713	131.7943	102.6680	158.3304	80.05088

#1	.0062152	-.002547	.001171	.0032634	-.004747	.0101451	-.001944
#2	.0087542	-.005243	-.000591	.0009840	.000461	.0074565	-.000903
#3	-.004673	-.004200	-.000723	-.000220	-.003850	-.003696	-.000289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001097	-.000028	.0129682	.0003257	.0001428	.0024115	.0036034
Stddev	.0001060	.000058	.0148670	.0003805	.0000823	.0004079	.0138744
%RSD	96.63168	208.3212	114.6417	116.8154	57.64742	16.91568	385.0306

#1	-.000012	.000039	.0012482	-.000102	.0000878	.0027356	-.011496
#2	.000159	-.000055	.0079651	.000453	.0001032	.0019534	.006515
#3	.000182	-.000067	.0296914	.000626	.0002375	.0025456	.015791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000582	.0338374	.0005632	.0013019	.0208368	.0010471	-.010264
Stddev	.0002488	.0225898	.0002909	.0002649	.4026728	.0038190	.007038
%RSD	427.4592	66.75979	51.64083	20.34331	1932.507	364.7283	68.57437

#1	.0001974	.0352329	.0008187	.0012241	.2913382	-.001412	-.002150
#2	-.000229	.0105823	.0006242	.0010847	.2131026	-.000893	-.014731
#3	.000206	.0556972	.0002467	.0015969	-.441930	.005447	-.013909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.627328	-.001663	-.002433	.0001247	.0004970	.0026875	-.020300
Stddev	.078348	.000295	.000902	.0002395	.0007446	.0013688	.001328
%RSD	12.48911	17.76165	37.08067	192.0792	149.8250	50.93198	6.543186

#1	-.698301	-.001418	-.001392	-.000009	-.000213	.0011867	-.020989
#2	-.543256	-.001991	-.002984	-.000018	.000432	.0038672	-.021142
#3	-.640427	-.001579	-.002922	.000401	.001272	.0030084	-.018769

Sample Name: M4399-03 Acquired: 01/10/2022 15:28:25 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9X4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001367	-.008291	-.000212
Stddev	.0024150	.001969	.000022
%RSD	1766.230	23.74719	10.17751

#1	.0029177	-.010553	-.000235
#2	-.001432	-.006966	-.000192
#3	-.001076	-.007354	-.000210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.115	45237.87	6570.592	1267.577	2239.772
Stddev	4.631	119.77	31.683	7.108	5.112
%RSD	.3309656	.2647478	.4821965	.5607727	.2282332

#1	1402.705	45290.19	6598.400	1259.418	2243.665
#2	1393.888	45322.58	6577.275	1272.430	2233.983
#3	1400.752	45100.85	6536.100	1270.883	2241.667

Sample Name: PB139570BS Acquired: 01/10/2022 15:32:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210528	.0521729	.0186194	.0703791	.1275477	.4146541
Stddev	.0038457	.0023987	.0006790	.0035067	.0016196	.0015799
%RSD	18.26697	4.597566	3.646464	4.982524	1.269832	.3810100

#1	.0231713	.0526711	.0192980	.0734491	.1268540	.4141411
#2	.0233735	.0542833	.0179401	.0711307	.1263904	.4133946
#3	.0166137	.0495642	.0186201	.0665577	.1293987	.4164268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4297796	.0110750	.0107257	10.31653	.0219721	.0959552
Stddev	.0010294	.0001022	.0001843	.04976	.0004052	.0004527
%RSD	.2395243	.9230169	1.718079	.4823024	1.844289	.4717571

#1	.4296293	.0109606	.0109281	10.33269	.0217898	.0964648
#2	.4308759	.0111573	.0106814	10.35619	.0216900	.0955999
#3	.4288336	.0111072	.0105677	10.26070	.0224364	.0958007

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536231	.2157100	.0314685	9.844554	.0863904	.0205420
Stddev	.0011825	.0108045	.0007864	.093651	.0002229	.0002119
%RSD	2.205279	5.008809	2.498915	.9512968	.2579599	1.031331

#1	.0547293	.2091677	.0323016	9.834159	.0861403	.0203124
#2	.0537634	.2281809	.0313649	9.942969	.0864628	.0207300
#3	.0523767	.2097813	.0307391	9.756535	.0865680	.0205837

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03011	.1083413	F .0738531	10.67129	F .0018943	.0197410
Stddev	.09934	.0009407	.0104810	.10462	.0003426	.0007613
%RSD	.9903921	.8682657	14.19171	.9804234	18.08375	3.856646

#1	9.91736	.1077918	.0755077	10.59133	.0015146	.0206080
#2	10.10473	.1094275	.0626431	10.78970	.0021800	.0194332
#3	10.06825	.1078047	.0834083	10.63285	.0019884	.0191817

Sample Name: PB139570BS Acquired: 01/10/2022 15:32:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS570 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213795	F .0188598	.2092998	.0127964	.2032106	.0241934
Stddev	.0004729	.0002347	.0014097	.0013930	.0025838	.0009144
%RSD	2.212148	1.244257	.6735286	10.88587	1.271484	3.779419

#1	.0217244	.0189647	.2109254	.0119165	.2003821	.0231385
#2	.0208404	.0185910	.2084156	.0120702	.2038029	.0246816
#3	.0215737	.0190237	.2085582	.0144024	.2054469	.0247600

Elem	Sr4077
Units	ppm
Avg	.2116785
Stddev	.0002751
%RSD	.1299782

#1	.2114546
#2	.2115953
#3	.2119857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.826	41670.19	6138.965	1147.845	1991.645
Stddev	3.028	117.59	16.148	6.204	2.929
%RSD	.2393812	.2821915	.2630331	.5405195	.1470616

#1	1261.832	41798.01	6138.645	1154.674	1988.465
#2	1264.760	41645.96	6155.270	1146.307	1992.239
#3	1267.887	41566.61	6122.979	1142.555	1994.232

Sample Name: M3848-05 Acquired: 01/10/2022 15:37:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX2Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043437	-.000118	.0042656	-.002186	-.002251	.1649166	.0007526
Stddev	.0089487	.002741	.0025233	.001602	.001935	.0090717	.0009218
%RSD	206.0153	2313.486	59.15342	73.29874	85.97844	5.500752	122.4942

#1	-.003690	-.000509	.0020396	-.002178	-.002790	.1701272	-.000312
#2	.002733	.002797	.0037507	-.000587	-.000103	.1544416	.001293
#3	.013988	-.002643	.0070067	-.003791	-.003859	.1701809	.001276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001007	-.000066	.0624756	.0006361	.0002023	.0011571	.1416212
Stddev	.0000842	.000049	.0114444	.0002209	.0000438	.0032708	.0145696
%RSD	83.63351	73.42481	18.31823	34.72590	21.62435	282.6753	10.28771

#1	.0000676	-.000051	.0513104	.0006848	.0001544	.0024023	.1488457
#2	.0001964	-.000027	.0741802	.0008287	.0002124	-.002553	.1248511
#3	.0000380	-.000121	.0619362	.0003950	.0002402	.003622	.1511667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054165	.0424561	.0018330	.0015419	-.107554	-.000085	.0008793
Stddev	.0004833	.0100405	.0001250	.0005581	.118422	.000994	.0095539
%RSD	8.923317	23.64910	6.817559	36.19586	110.1053	1165.040	1086.538

#1	.0056555	.0308880	.0017002	.0021455	-.156584	.000388	-.009525
#2	.0057337	.0475733	.0018506	.0014356	.027509	.000584	.002905
#3	.0048602	.0489071	.0019482	.0010446	-.193587	-.001228	.009258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.586714	-.001311	-.001421	-.000230	.0015811	.2276295	-.020722
Stddev	.036041	.000359	.000819	.000363	.0006112	.0046686	.000463
%RSD	6.142834	27.40386	57.63204	157.5957	38.65778	2.050974	2.236686

#1	-.622356	-.001648	-.001691	-.000320	.0010516	.2235869	-.020931
#2	-.550287	-.001353	-.000501	-.000539	.0014419	.2327393	-.020190
#3	-.587498	-.000933	-.002071	.000169	.0022500	.2265622	-.021044

Sample Name: M3848-05 Acquired: 01/10/2022 15:37:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX2Z2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0035867	-.007399	-.000045
Stddev	.0009242	.001418	.000046
%RSD	25.76735	19.16994	102.0847

#1	.0045429	-.009025	-.000098
#2	.0026982	-.006421	-.000022
#3	.0035190	-.006749	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.434	45437.41	6561.417	1275.435	2245.721
Stddev	2.850	112.76	20.106	11.928	3.364
%RSD	.2035271	.2481713	.3064321	.9352382	.1497916

#1	1403.522	45464.10	6538.200	1271.645	2249.505
#2	1397.903	45313.70	6573.075	1265.862	2243.070
#3	1399.878	45534.43	6572.975	1288.797	2244.587

Sample Name: M3847-01 Acquired: 01/10/2022 15:41:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX2W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006910	.0010691	.0021206	-.004552	-.001595	.0048410	-.001158
Stddev	.0052920	.0021268	.0010430	.004874	.003479	.0095709	.000536
%RSD	765.8663	198.9337	49.18573	107.0690	218.0487	197.7055	46.28655

#1	.0040558	.0033310	.0030900	-.007136	.002387	.0087858	-.001775
#2	.0034260	.0007664	.0022548	-.007591	-.003132	.0118090	-.000809
#3	-.005409	-.000890	.0010170	.001070	-.004041	-.006072	-.000890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000968	-.000005	.0347545	.0002153	-.000170	.0025324	.0001352
Stddev	.0000509	.000076	.0067428	.0005418	.000167	.0028373	.0073930
%RSD	52.54023	1403.290	19.40128	251.7201	98.28437	112.0374	5468.200

#1	.0000428	.000071	.0377809	-.000381	-.000231	.0053970	-.003242
#2	.0001038	-.000081	.0270287	.000677	.000019	.0024771	-.004966
#3	.0001439	-.000007	.0394538	.000350	-.000299	-.000277	.008614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007031	.0019102	.0011228	.0015080	-.236223	-.000443	-.002784
Stddev	.0003958	.0088702	.0003993	.0003386	.149762	.001333	.001912
%RSD	56.29107	464.3688	35.56313	22.45034	63.39846	300.7743	68.67650

#1	.0010648	-.008080	.0008745	.0018816	-.397683	.000989	-.004605
#2	.0007642	.008862	.0015834	.0014208	-.209126	-.000672	-.002955
#3	.0002803	.004948	.0009106	.0012216	-.101859	-.001646	-.000792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.603060	-.001722	-.002314	-.000027	.0006376	.0034039	-.023191
Stddev	.130671	.000188	.000467	.000237	.0004321	.0005457	.001794
%RSD	21.66797	10.93869	20.17422	862.7894	67.77291	16.03066	7.737615

#1	-.485844	-.001609	-.002718	-.000046	.0011297	.0037611	-.021195
#2	-.579388	-.001940	-.001803	-.000255	.0004628	.0027758	-.024671
#3	-.743949	-.001618	-.002421	.000218	.0003202	.0036748	-.023707

Sample Name: M3847-01 Acquired: 01/10/2022 15:41:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX2W8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005439	-.008236	-.000131
Stddev	.0006587	.001200	.000013
%RSD	121.0928	14.57367	9.832599

#1	.0012523	-.008453	-.000121
#2	-.000050	-.006942	-.000145
#3	.000430	-.009313	-.000126

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.813	45210.07	6531.933	1266.592	2229.865
Stddev	9.910	272.91	28.117	13.839	17.703
%RSD	.7120453	.6036526	.4304600	1.092592	.7939109

#1	1380.395	45451.76	6524.400	1280.471	2209.582
#2	1398.183	45264.34	6563.050	1266.509	2242.205
#3	1396.860	44914.10	6508.350	1252.794	2237.809

Sample Name: CCV072 Acquired: 01/10/2022 15:45:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.175366	4.957889	24.97471	5.008852	5.349347	420.3676
Stddev	.012021	.022678	.02126	.011321	.011747	2.1257
%RSD	.2322643	.4574117	.0851441	.2260107	.2195952	.5056830

#1	5.162269	4.945916	24.95312	5.015825	5.335877	422.3494
#2	5.177932	4.984044	24.99563	4.995790	5.357462	420.6309
#3	5.185896	4.943707	24.97539	5.014941	5.354703	418.1225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73571	.5300758	2.494546	397.6170	15.24761	2.447720
Stddev	.01573	.0055887	.002584	1.1352	.04367	.001516
%RSD	.1465394	1.054321	.1036008	.2854897	.2864072	.0619321

#1	10.74777	.5356038	2.492428	398.5589	15.26518	2.446635
#2	10.74144	.5301954	2.493785	397.9354	15.27977	2.447073
#3	10.71792	.5244283	2.497426	396.3566	15.19790	2.449452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13917	393.0836	14.52314	386.4019	2.688055	1.193176
Stddev	.15594	2.1405	.06457	1.5684	.004184	.005291
%RSD	1.030060	.5445337	.4446333	.4058958	.1556617	.4434726

#1	15.29910	395.3733	14.59565	387.9575	2.688059	1.195598
#2	15.13087	392.7446	14.50195	386.4271	2.683869	1.196823
#3	14.98755	391.1328	14.47183	384.8210	2.692238	1.187107

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.6004	2.566445	F 12.15128	157.4565	F 6.157232	5.165346
Stddev	2.3538	.009291	.18236	1.7908	.012484	.053921
%RSD	.5760758	.3620218	1.500789	1.137317	.2027498	1.043907

#1	410.9386	2.560802	12.19912	159.4519	6.169577	5.216940
#2	408.6314	2.577169	12.30495	156.9290	6.157504	5.169733
#3	406.2312	2.561365	11.94976	155.9888	6.144614	5.109365

Sample Name: CCV072 Acquired: 01/10/2022 15:45:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.995756	5.440275	5.103737	5.238365	4.829485	5.115220
Stddev	.003598	.005751	.048507	.008779	.003092	.005086
%RSD	.0720166	.1057037	.9504174	.1675818	.0640153	.0994249
#1	4.991791	5.446910	5.143852	5.238137	4.827467	5.117875
#2	4.996667	5.436734	5.117533	5.229703	4.827944	5.118430
#3	4.998812	5.437180	5.049827	5.247255	4.833045	5.109356

Elem	Sr4077
Units	ppm
Avg	4.800692
Stddev	.044909
%RSD	.9354655
#1	4.817600
#2	4.834693
#3	4.749784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.701	38225.35	5846.251	990.0443	1510.232
Stddev	1.542	29.06	42.733	4.3205	2.134
%RSD	.1469398	.0760152	.7309549	.4363941	.1413160
#1	1049.666	38202.05	5800.523	992.6734	1509.080
#2	1051.261	38216.08	5853.057	992.4015	1512.695
#3	1048.177	38257.91	5885.174	985.0579	1508.922

Sample Name: CCB072 Acquired: 01/10/2022 15:49:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010472	-.000360	.0021881	.0046517	-.000847	.0212035	-.000993
Stddev	.0017202	.001637	.0008567	.0071497	.002264	.0131562	.000577
%RSD	164.2579	454.5599	39.15579	153.6990	267.3698	62.04707	58.11624

#1	.0008607	-.000002	.0027701	.0117024	.001567	.0222216	-.001630
#2	.0028531	-.002147	.0012043	-.002593	-.001184	.0338211	-.000504
#3	-.000572	.001068	.0025898	.004846	-.002924	.0075679	-.000847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000551	.0001767	.0328811	.0006978	.0000110	.0045147	.0224666
Stddev	.0000341	.0000830	.0115140	.0001365	.0002391	.0008770	.0058410
%RSD	61.88500	46.94605	35.01704	19.56068	2182.069	19.42610	25.99839

#1	.0000581	.0002726	.0365715	.0007488	.0002415	.0054122	.0291534
#2	.0000196	.0001281	.0199744	.0008015	-.000236	.0044720	.0183605
#3	.0000875	.0001296	.0420974	.0005432	.000027	.0036597	.0198860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007909	.0253563	.0001114	.0011429	-.406103	-.000981	-.002596
Stddev	.0003441	.0178963	.0003240	.0005519	.213089	.005663	.008282
%RSD	43.50357	70.57934	290.9142	48.28972	52.47155	577.0417	319.0612

#1	.0010461	.0046914	-.000126	.0006829	-.369089	-.005602	.006725
#2	.0009270	.0356772	.000480	.0017549	-.213946	-.002677	-.009110
#3	.0003996	.0357004	-.000020	.0009910	-.635274	.005336	-.005402

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3370748	-.001256	.0056390	.0007302	.0006137	.0028685	-.000599
Stddev	.1034255	.000426	.0004356	.0004607	.0004373	.0015173	.002170
%RSD	30.68325	33.91851	7.724021	63.08529	71.25085	52.89517	362.1543

#1	.4078713	-.001340	.0056154	.0011606	.0003710	.0032071	-.002277
#2	.2183835	-.000795	.0052158	.0002443	.0003516	.0012105	-.001371
#3	.3849696	-.001635	.0060859	.0007857	.0011186	.0041878	.001851

Sample Name: CCB072 Acquired: 01/10/2022 15:49:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018293	-.005961	-.000034
Stddev	.0007416	.000913	.000133
%RSD	40.54370	15.31653	388.2907

#1	.0022803	-.005708	.000105
#2	.0022342	-.005202	-.000048
#3	.0009733	-.006974	-.000161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.608	41657.91	6144.275	1159.762	2040.180
Stddev	2.161	255.45	40.289	7.701	3.008
%RSD	.1687848	.6132146	.6557183	.6640117	.1474452

#1	1282.847	41766.90	6151.125	1156.880	2043.303
#2	1278.534	41366.04	6180.700	1153.917	2039.934
#3	1280.442	41840.79	6101.000	1168.488	2037.302

Sample Name: M3852-21 Acquired: 01/10/2022 15:53:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX386 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065773	.0021496	-.001709	-.002216	-.004273	.0116357	-.001567
Stddev	.0077698	.0034672	.001229	.007276	.001684	.0036747	.000324
%RSD	118.1299	161.2975	71.88208	328.3492	39.40374	31.58090	20.64995

#1	.0155491	-.001358	-.001194	.005811	-.006209	.0114848	-.001848
#2	.0021103	.005575	-.003111	-.008378	-.003460	.0153835	-.001641
#3	.0020726	.002231	-.000822	-.004081	-.003149	.0080388	-.001213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000491	-.000005	.0273555	.0004873	.0000509	.0020033	.0013072
Stddev	.0000933	.000031	.0083610	.0002342	.0002637	.0001714	.0054338
%RSD	189.9711	650.5198	30.56427	48.06871	518.5529	8.557720	415.6672

#1	-.000023	-.000034	.0177197	.0006005	-.000223	.0018301	.0073151
#2	.000154	.000028	.0326924	.0002180	.000073	.0020070	-.000130
#3	.000016	-.000008	.0316545	.0006434	.000303	.0021729	-.003264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023262	.0451728	.0009220	.0013479	-.205303	-.002417	.0022276
Stddev	.0010014	.0109251	.0001623	.0001016	.127080	.003088	.0062008
%RSD	43.04737	24.18502	17.60446	7.537082	61.89872	127.7501	278.3598

#1	.0015222	.0428931	.0009864	.0012930	-.086959	-.000886	.0036278
#2	.0034478	.0570578	.0010421	.0014652	-.339611	-.005972	-.004554
#3	.0020085	.0355675	.0007373	.0012857	-.189340	-.000394	.007609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.529758	-.001644	.0013791	.0001348	.0156385	.0041578	-.022020
Stddev	.128730	.000488	.0006330	.0001344	.0004061	.0014360	.001635
%RSD	24.29971	29.69496	45.89961	99.75511	2.597091	34.53667	7.426302

#1	-.543646	-.002175	.0016471	.0002879	.0152820	.0052494	-.023563
#2	-.650981	-.001542	.0018340	.0000805	.0160806	.0025311	-.022189
#3	-.394648	-.001214	.0006562	.0000359	.0155529	.0046928	-.020306

Sample Name: M3852-21 Acquired: 01/10/2022 15:53:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX386 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002268	-.010549	.0000295
Stddev	.0012042	.001187	.0000511
%RSD	531.0274	11.25135	173.3176

#1	-.000209	-.011713	-.000002
#2	.001588	-.009341	.000088
#3	-.000699	-.010594	.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.263	45419.05	6598.742	1270.782	2256.093
Stddev	12.006	359.19	23.144	9.596	18.472
%RSD	.8531288	.7908434	.3507304	.7551240	.8187449

#1	1401.897	45822.17	6582.400	1277.062	2249.420
#2	1421.016	45301.99	6625.225	1259.736	2276.974
#3	1398.876	45132.99	6588.600	1275.548	2241.886

Sample Name: M3852-22 Acquired: 01/10/2022 15:57:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX387 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080166	.0019428	.0003141	-.002870	-.002659	.0792620	.0002697
Stddev	.0021440	.0032811	.0004500	.004024	.002157	.0108180	.0005943
%RSD	26.74451	168.8831	143.2696	140.2225	81.12819	13.64839	220.3273

#1	.0082153	.0041695	.0008332	-.002837	-.003190	.0667868	.0006723
#2	.0057801	-.001825	.0000715	.001138	-.004501	.0860524	.0005498
#3	.0100543	.003484	.0000375	-.006911	-.000286	.0849469	-.000413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000614	.0000139	.0979664	-.000044	-.000125	.0025816	.0733622
Stddev	.0000179	.0000588	.0130629	.000367	.000374	.0028724	.0005861
%RSD	29.18081	421.8370	13.33404	831.3748	298.2244	111.2635	.7988860

#1	.0000454	.0000003	.0829693	-.000404	-.000404	.0058738	.0740335
#2	.0000808	-.000037	.1040669	-.000059	-.000271	.0005866	.0729527
#3	.0000581	.000078	.1068629	.000330	.000299	.0012844	.0731002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034343	.0200754	.0006657	.0010378	-.137440	-.002702	.0099893
Stddev	.0009523	.0163877	.0002386	.0006398	.230009	.002801	.0103706
%RSD	27.73061	81.63055	35.83382	61.64617	167.3523	103.6551	103.8166

#1	.0045336	.0014384	.0003920	.0007757	.013980	-.000008	.0212402
#2	.0028596	.0265564	.0007756	.0005707	-.402116	-.005599	.0079152
#3	.0029096	.0322314	.0008296	.0017670	-.024184	-.002500	.0008125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.630014	-.001092	.0006507	-.000196	.0034838	.1178695	-.020986
Stddev	.022055	.000426	.0012167	.000283	.0004040	.0077887	.001542
%RSD	3.500647	39.03675	186.9757	144.4355	11.59728	6.607891	7.346575

#1	-.629507	-.000794	.0018538	.000101	.0030974	.1268273	-.019658
#2	-.608218	-.001580	-.000579	-.000227	.0039034	.1140849	-.022677
#3	-.652318	-.000902	.000678	-.000461	.0034506	.1126964	-.020623

Sample Name: M3852-22 Acquired: 01/10/2022 15:57:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX387 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0030007	-.008701	-.000030
Stddev	.0003047	.001883	.000091
%RSD	10.15515	21.63555	299.1228

#1	.0028775	-.009773	.000016
#2	.0027768	-.009803	.000028
#3	.0033477	-.006527	-.000136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.236	45320.38	6574.933	1274.942	2239.856
Stddev	2.957	143.25	34.992	5.568	2.771
%RSD	.2119675	.3160846	.5322004	.4367328	.1237111

#1	1397.297	45197.55	6614.750	1269.273	2243.050
#2	1396.564	45285.85	6560.975	1275.150	2238.428
#3	1391.847	45477.74	6549.075	1280.403	2238.090

Sample Name: M3858-15 Acquired: 01/10/2022 16:02:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006884	.0016691	.0019700	.0005156	-.004142	.0325115	.0001220
Stddev	.007311	.0030384	.0013515	.0028848	.001138	.0062198	.0000986
%RSD	106.2014	182.0406	68.60466	559.4720	27.46880	19.13097	80.84877

#1	-.003080	.0049244	.0006094	.0031341	-.002891	.0297765	.0002358
#2	-.002259	.0011743	.0033122	-.002577	-.005115	.0396302	.0000639
#3	-.015312	-.001092	.0019885	.000990	-.004421	.0281279	.0000662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000369	.0000310	.0226106	.0004128	.0000338	-.000297	.0189178
Stddev	.0000239	.0000726	.0192574	.0005424	.0002582	.002230	.0107145
%RSD	64.72509	234.1287	85.16976	131.3789	765.0056	750.4271	56.63738

#1	.0000491	.0001132	.0283283	.0010281	.0002199	.000636	.0065481
#2	.0000523	-.000024	.0011418	.0002065	-.000261	-.002842	.0248927
#3	.0000094	.000004	.0383616	.0000039	.000142	.001314	.0253126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013629	.0428254	.0013470	.0015963	-.092669	.0001162	-.011700
Stddev	.0007182	.0126439	.0004035	.0002053	.245236	.0015882	.010087
%RSD	52.69620	29.52416	29.95557	12.86411	264.6379	1367.081	86.21338

#1	.0016806	.0312193	.0011391	.0013938	-.146234	.0009522	-.002184
#2	.0018674	.0562992	.0010899	.0015906	-.306694	.0011118	-.022275
#3	.0005406	.0409579	.0018121	.0018044	.174923	-.001715	-.010641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.631380	-.001789	-.002058	-.000052	.0005381	.0399072	-.021559
Stddev	.035429	.000229	.001218	.000328	.0004268	.0019688	.001358
%RSD	5.611286	12.77867	59.16551	635.0961	79.31957	4.933420	6.299989

#1	-.672276	-.001531	-.000945	-.000423	.0000459	.0394484	-.021577
#2	-.611841	-.001869	-.003359	.000200	.0007618	.0382083	-.020191
#3	-.610023	-.001967	-.001870	.000068	.0008067	.0420648	-.022907

Sample Name: M3858-15 Acquired: 01/10/2022 16:02:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013231	-.010377	-.000055
Stddev	.0004072	.002735	.000081
%RSD	30.77640	26.35544	148.7430

#1	.0016327	-.007353	-.000052
#2	.0008618	-.012677	-.000138
#3	.0014749	-.011102	.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.714	45210.59	6536.400	1268.446	2238.156
Stddev	1.123	254.06	17.202	5.213	.884
%RSD	.0806579	.5619483	.2631718	.4109520	.0394984

#1	1392.958	45110.35	6528.750	1266.045	2238.209
#2	1391.488	45021.94	6556.100	1264.866	2237.247
#3	1393.695	45499.48	6524.350	1274.426	2239.012

Sample Name: M3858-16 Acquired: 01/10/2022 16:06:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022419	.0011091	-.000950	.0074321	-.004312	.0162314	-.000836
Stddev	.0126909	.0021545	.002236	.0092081	.002023	.0104233	.000296
%RSD	566.0845	194.2592	235.3544	123.8953	46.93028	64.21661	35.38153

#1	-.009371	-.001375	-.000858	.0103611	-.004795	.0144983	-.000644
#2	.000308	.002464	-.003232	-.002884	-.006050	.0067833	-.001176
#3	.015789	.002239	.001238	.014819	-.002090	.0274126	-.000687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000891	-.000020	.0137150	.0002863	.0000985	.0004384	.0017707
Stddev	.0001059	.000107	.0109298	.0002954	.0001559	.0025062	.0126539
%RSD	118.9049	527.0887	79.69241	103.1694	158.3736	571.6594	714.6255

#1	.0001366	-.000041	.0144282	.0005505	.0001920	-.002430	-.002949
#2	.0001629	.000096	.0024460	-.000033	.0001849	.001544	.016106
#3	-.000032	-.000116	.0242707	.000341	-.000082	.002202	-.007845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018345	.0357847	.0007162	.0012758	-.381628	-.001706	.0010099
Stddev	.0006753	.0138330	.0005095	.0000975	.228082	.001546	.0062654
%RSD	36.81253	38.65626	71.14521	7.644107	59.76542	90.59878	620.4183

#1	.0010750	.0515918	.0002913	.0011828	-.542100	-.002521	-.002744
#2	.0023674	.0298693	.0005762	.0012675	-.120539	.000077	-.002470
#3	.0020612	.0258929	.0012811	.0013773	-.482246	-.002674	.008243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.570066	-.001884	-.000131	.0002637	.0012480	.0120233	-.022296
Stddev	.052283	.000066	.000852	.0001181	.0005429	.0001995	.001516
%RSD	9.171431	3.526167	652.5653	44.77663	43.50363	1.659315	6.798301

#1	-.627014	-.001943	.000735	.0003894	.0010806	.0118179	-.023480
#2	-.524236	-.001897	-.000969	.0001552	.0018549	.0120358	-.020588
#3	-.558948	-.001812	-.000158	.0002465	.0008085	.0122163	-.022820

Sample Name: M3858-16 Acquired: 01/10/2022 16:06:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003626	-.009921	-.000166
Stddev	.0004158	.000495	.000053
%RSD	114.6652	4.985804	31.72016

#1	.0008412	-.009445	-.000205
#2	.0001558	-.009886	-.000106
#3	.0000907	-.010432	-.000186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1389.464	44988.49	6549.300	1259.870	2232.174
Stddev	2.320	323.34	28.160	13.320	4.780
%RSD	.1669699	.7187206	.4299728	1.057247	.2141263

#1	1390.660	45357.20	6566.450	1273.567	2237.530
#2	1390.942	44855.03	6516.800	1246.962	2230.649
#3	1386.790	44753.24	6564.650	1259.082	2228.343

Sample Name: M3858-17 Acquired: 01/10/2022 16:10:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030187	-.001057	.0001405	.0046722	-.002883	.0115257	-.001215
Stddev	.0029106	.001412	.0007221	.0091629	.002814	.0052621	.000448
%RSD	96.41862	133.6110	514.0324	196.1153	97.58559	45.65518	36.85145

#1	-.000136	-.000169	-.000566	.0149744	-.000806	.0130073	-.001477
#2	.003593	-.002685	.000877	.0016088	-.001759	.0056817	-.000698
#3	.005599	-.000316	.000110	-.002567	-.006085	.0158882	-.001469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001449	-.000046	.0294081	-.000031	-.000147	.0015568	.0078063
Stddev	.0000512	.000070	.0041252	.000617	.000229	.0023718	.0062364
%RSD	35.35993	150.5138	14.02730	1962.438	155.6295	152.3498	79.88929

#1	.0001190	.000034	.0268801	.000372	-.000404	.0020907	.0022463
#2	.0001118	-.000077	.0271759	-.000742	-.000070	-.001036	.0145495
#3	.0002039	-.000096	.0341684	.000275	.000034	.003616	.0066231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003781	.0235178	.0008706	.0016210	-.381963	-.004466	.0030014
Stddev	.0000352	.0259985	.0003067	.0004207	.149349	.000787	.0030876
%RSD	9.312542	110.5479	35.23377	25.95365	39.10028	17.61078	102.8719

#1	.0003799	.0009346	.0008991	.0018315	-.352042	-.004698	.0052222
#2	.0003420	.0519389	.0005506	.0011366	-.249840	-.003590	-.000524
#3	.0004124	.0176800	.0011621	.0018949	-.544007	-.005111	.004306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.617895	-.001804	-.000900	.0001932	.0004835	-.002303	-.021809
Stddev	.040519	.000202	.000483	.0000690	.0001360	.000904	.000539
%RSD	6.557613	11.22182	53.69698	35.69854	28.12462	39.22836	2.470806

#1	-.621224	-.001686	-.001119	.0001199	.0004013	-.002502	-.021216
#2	-.575814	-.001688	-.001234	.0002029	.0004087	-.003091	-.021943
#3	-.656647	-.002038	-.000346	.0002569	.0006404	-.001317	-.022269

Sample Name: M3858-17 Acquired: 01/10/2022 16:10:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001307	-.010942	-.000077
Stddev	.0010040	.001131	.000041
%RSD	767.9781	10.33518	53.68120

#1	.0012867	-.011651	-.000124
#2	-.000371	-.009638	-.000064
#3	-.000523	-.011537	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.749	45132.05	6519.475	1269.156	2227.182
Stddev	3.574	14.47	39.521	5.173	3.667
%RSD	.2569912	.0320534	.6061915	.4076107	.1646460

#1	1393.404	45135.74	6513.675	1263.231	2230.340
#2	1392.158	45116.09	6561.575	1272.779	2228.047
#3	1386.685	45144.31	6483.175	1271.457	2223.161

Sample Name: M4398-20A Acquired: 01/10/2022 16:14:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1361371	-.008947	1.447813	.0317368	.0056248	137.7585	1.836443
Stddev	.0216434	.001622	.005677	.0034507	.0067467	.1519	.004502
%RSD	15.89827	18.12348	.3921332	10.87271	119.9442	.1102468	.2451274

#1	.1206127	-.008552	1.451193	.0356069	.0114820	137.6888	1.831245
#2	.1608605	-.010730	1.441258	.0289810	-.001752	137.9327	1.839064
#3	.1269382	-.007560	1.450988	.0306226	.007145	137.6540	1.839020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133950	.4266043	87.26222	.2048400	.1087120	.4012369	230.8120
Stddev	.0000411	.0008185	.21831	.0006251	.0003124	.0038294	.3922
%RSD	.3069456	.1918731	.2501764	.3051756	.2874006	.9544075	.1699003

#1	.0133495	.4257789	87.01357	.2054196	.1084443	.4056587	230.6343
#2	.0134058	.4266182	87.42244	.2041776	.1086364	.3990120	231.2615
#3	.0134296	.4274158	87.35064	.2049229	.1090553	.3990400	230.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.522082	32.83174	.2867055	-.009270	1.760580	.3703423	9.541805
Stddev	.015951	.14463	.0004039	.000518	.164235	.0064811	.126413
%RSD	.1871772	.4405130	.1408794	5.588148	9.328476	1.750038	1.324831

#1	8.503942	32.95050	.2868805	-.009786	1.850384	.3739425	9.656620
#2	8.533918	32.87403	.2862436	-.009273	1.571024	.3742242	9.406338
#3	8.528385	32.67067	.2869924	-.008750	1.860330	.3628603	9.562458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51368	.5954056	.1597886	.0075825	.3717897	47.90551	.0058331
Stddev	.05426	.0022005	.0050425	.0004439	.0022868	.37738	.0010537
%RSD	.3738385	.3695814	3.155731	5.854871	.6150881	.7877497	18.06424

#1	14.48280	.5968849	.1646389	.0078656	.3691541	47.50956	.0064849
#2	14.57633	.5928768	.1601530	.0078110	.3729679	47.94592	.0046175
#3	14.48191	.5964551	.1545737	.0070708	.3732472	48.26106	.0063971

Sample Name: M4398-20A Acquired: 01/10/2022 16:14:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.654438	.0849610	.0104935
Stddev	.009061	.0005429	.0008941
%RSD	.5476563	.6389656	8.520497

#1	1.644010	.0846887	.0101558
#2	1.660381	.0855862	.0098175
#3	1.658924	.0846083	.0115073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.126	48056.58	7159.092	1316.301	1858.876
Stddev	1.931	224.32	2.276	14.551	2.191
%RSD	.1345395	.4667849	.0317911	1.105457	.1178775

#1	1436.281	47850.14	7160.882	1303.568	1859.560
#2	1432.898	48024.31	7156.530	1313.173	1860.643
#3	1436.201	48295.28	7159.863	1332.161	1856.424

Sample Name: M4399-19A Acquired: 01/10/2022 16:18:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721841	-.013004	.3654967	.0265062	.0016337	113.6623	1.948659
Stddev	.0032201	.001899	.0027212	.0069060	.0024767	.4733	.005928
%RSD	4.460935	14.60293	.7445220	26.05428	151.6001	.4164301	.3042181

#1	.0742499	-.014425	.3685895	.0185979	-.000717	113.9790	1.955171
#2	.0738285	-.013740	.3634698	.0295734	.001398	113.1182	1.943576
#3	.0684738	-.010847	.3644308	.0313474	.004220	113.8896	1.947230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084267	.0193164	78.80991	.1529891	.0466156	.1095925	144.6687
Stddev	.0002067	.0000729	.15927	.0012717	.0002601	.0029796	.7433
%RSD	2.453248	.3776265	.2020922	.8312407	.5579793	2.718805	.5137719

#1	.0083258	.0192426	78.96773	.1531552	.0463184	.1083777	144.9105
#2	.0086645	.0193182	78.64923	.1541696	.0468020	.1074123	143.8346
#3	.0082898	.0193885	78.81278	.1516425	.0467263	.1129877	145.2609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37777	27.21497	.1132182	-.007108	.8926289	.3008215	3.394612
Stddev	.03554	.11479	.0011702	.000470	.2548273	.0035038	.063272
%RSD	.3424431	.4217910	1.033581	6.614661	28.54795	1.164758	1.863897

#1	10.38739	27.29616	.1131943	-.006850	.9003199	.3027689	3.322641
#2	10.33841	27.08364	.1120601	-.006823	.6340433	.2967766	3.419712
#3	10.40750	27.26510	.1144001	-.007651	1.143524	.3029191	3.441483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.499353	.5315792	.1296147	.0035819	.2879616	56.41029	-.008824
Stddev	.115955	.0038382	.0032475	.0004943	.0000270	.35950	.001886
%RSD	1.364282	.7220408	2.505525	13.80100	.0093850	.6372980	21.36792

#1	8.593270	.5317453	.1261820	.0038644	.2879575	56.80263	-.011001
#2	8.369749	.5276606	.1300236	.0038702	.2879904	56.33156	-.007693
#3	8.535040	.5353316	.1326384	.0030111	.2879368	56.09668	-.007779

Sample Name: M4399-19A Acquired: 01/10/2022 16:18:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8089963	.0613347	.0811824
Stddev	.0024956	.0014077	.0006775
%RSD	.3084772	2.295141	.8344937

#1	.8062124	.0599605	.0808168
#2	.8097436	.0612700	.0819641
#3	.8110328	.0627737	.0807663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.131	46724.82	6903.062	1280.579	1918.513
Stddev	4.784	304.13	25.804	12.575	5.639
%RSD	.3397301	.6509065	.3737984	.9819638	.2939298

#1	1411.242	46917.78	6903.085	1291.534	1918.709
#2	1410.528	46882.45	6928.853	1283.355	1924.052
#3	1402.622	46374.23	6877.246	1266.848	1912.779

Sample Name: M3848-14A Acquired: 01/10/2022 16:22:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX301A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6794944	-.006050	5.076005	.0593030	.0257470	115.6085	3.669630
Stddev	.0113565	.001197	.009341	.0077848	.0041321	.8916	.044153
%RSD	1.671310	19.78987	.1840266	13.12714	16.04874	.7712334	1.203198

#1	.6804175	-.005432	5.082565	.0576702	.0216766	116.6376	3.720186
#2	.6677046	-.007430	5.065310	.0524642	.0256263	115.0666	3.650055
#3	.6903612	-.005288	5.080139	.0677748	.0299382	115.1213	3.638648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223333	.0267797	73.81260	.2403622	.1158980	1.059023	445.3759
Stddev	.0000502	.0002797	.91838	.0007729	.0005467	.007247	3.6263
%RSD	.2247540	1.044384	1.244209	.3215437	.4717310	.6842910	.8142222

#1	.0222814	.0266013	74.86583	.2397194	.1163266	1.067202	449.5026
#2	.0223368	.0266357	73.17891	.2412198	.1160850	1.053402	442.6975
#3	.0223816	.0271020	73.39308	.2401475	.1152823	1.056465	443.9276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.154042	17.51773	.3466616	-.018435	3.807836	.7341902	5.600706
Stddev	.059319	.22105	.0010655	.000751	.148444	.0028298	.107730
%RSD	.9639005	1.261847	.3073505	4.071407	3.898378	.3854253	1.923504

#1	6.222535	17.72375	.3461441	-.017819	3.934202	.7365386	5.687062
#2	6.120310	17.28422	.3478870	-.019271	3.844948	.7349837	5.635069
#3	6.119281	17.54521	.3459538	-.018215	3.644357	.7310484	5.479987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32216	1.519608	.4519809	.1361282	1.372898	30.40446	.3303297
Stddev	.09590	.002852	.0126532	.0002671	.005101	.06326	.0025951
%RSD	.6258707	.1877089	2.799505	.1962080	.3715240	.2080681	.7856209

#1	15.42245	1.522174	.4616211	.1362202	1.378523	30.46043	.3316036
#2	15.23136	1.516537	.4566689	.1363372	1.368573	30.33582	.3320417
#3	15.31268	1.520114	.4376527	.1358273	1.371597	30.41714	.3273438

Sample Name: M3848-14A Acquired: 01/10/2022 16:22:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX301A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.527564	.0953184	-.159493
Stddev	.032676	.0022734	.000470
%RSD	1.292772	2.385088	.2949311

#1	2.565285	.0979401	-.159304
#2	2.507972	.0938924	-.159146
#3	2.509435	.0941226	-.160028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.061	46829.49	6878.256	1278.125	1850.912
Stddev	1.907	342.80	62.324	13.807	1.779
%RSD	.1368618	.7320205	.9061071	1.080260	.0961012

#1	1392.595	46434.08	6806.346	1262.645	1848.920
#2	1395.157	47011.31	6911.756	1282.564	1852.343
#3	1391.431	47043.08	6916.667	1289.167	1851.471

Sample Name: M3852-04A Acquired: 01/10/2022 16:26:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX370A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3413738	-.009484	2.375919	.0310169	.0073297	85.66553	1.498231
Stddev	.0223045	.009833	.002698	.0066076	.0032952	.28421	.003205
%RSD	6.533743	103.6781	.1135453	21.30316	44.95723	.3317664	.2138925

#1	.3365347	-.009231	2.377620	.0287978	.0056411	85.35497	1.495997
#2	.3657006	.000220	2.372809	.0258046	.0111270	85.72895	1.496793
#3	.3218861	-.019441	2.377330	.0384484	.0052210	85.91268	1.501903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124301	.0110188	175.1733	.1711564	.0744998	.3712862	220.6743
Stddev	.0002855	.0000775	.3650	.0014639	.0007106	.0033910	.6392
%RSD	2.297125	.7035729	.2083917	.8552952	.9537853	.9133170	.2896439

#1	.0122331	.0111022	174.7579	.1709564	.0737370	.3685787	219.9388
#2	.0127575	.0110051	175.3187	.1727100	.0751429	.3750897	220.9889
#3	.0122995	.0109490	175.4432	.1698028	.0746194	.3701903	221.0952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.089160	17.40447	.2112377	-.007991	2.462225	.3596295	1.713439
Stddev	.017701	.08800	.0007351	.000608	.377348	.0028083	.019715
%RSD	.4328877	.5056120	.3480111	7.613410	15.32551	.7808756	1.150614

#1	4.070837	17.31238	.2118231	-.008644	2.318326	.3575820	1.699264
#2	4.090476	17.48771	.2104126	-.007891	2.177998	.3628309	1.705100
#3	4.106167	17.41334	.2114772	-.007440	2.890351	.3584755	1.735953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.43636	1.430879	.2020047	.0269442	1.043952	45.37247	.1136969
Stddev	.12063	.002137	.0065261	.0002732	.002175	.51872	.0022200
%RSD	1.054812	.1493598	3.230644	1.013897	.2083101	1.143249	1.952590

#1	11.33739	1.429720	.1971977	.0267158	1.042160	45.14219	.1132105
#2	11.57073	1.429571	.1993823	.0272469	1.043324	45.96646	.1117604
#3	11.40096	1.433345	.2094340	.0268700	1.046371	45.00876	.1161198

Sample Name: M3852-04A Acquired: 01/10/2022 16:26:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX370A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.518515	.0800106	.1401592
Stddev	.007106	.0005731	.0004492
%RSD	.4679832	.7162297	.3205010

#1	1.511777	.0794215	.1398048
#2	1.525940	.0800441	.1406644
#3	1.517829	.0805661	.1400084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.675	45677.45	6789.300	1243.019	1884.047
Stddev	1.946	189.06	26.554	8.597	2.627
%RSD	.1421637	.4138938	.3911226	.6916341	.1394189

#1	1370.607	45596.31	6813.848	1244.857	1885.475
#2	1368.700	45893.53	6761.114	1250.548	1885.651
#3	1366.716	45542.51	6792.938	1233.651	1881.016

Sample Name: M3851-03A Acquired: 01/10/2022 16:30:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX349A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4886190	-.002522	.6402461	.0364321	.0036263	88.62197	1.648155
Stddev	.0063823	.003021	.0025674	.0065353	.0037139	.16496	.001605
%RSD	1.306197	119.8088	.4010012	17.93822	102.4160	.1861373	.0974055

#1	.4954367	.000914	.6395922	.0338765	.0071232	88.80699	1.649999
#2	.4876339	-.003713	.6430772	.0438589	-.000272	88.49026	1.647396
#3	.4827866	-.004765	.6380689	.0315607	.004028	88.56867	1.647069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080038	.0015152	129.0635	.1427726	.1052211	.1668398	227.7925
Stddev	.0000570	.0002790	.3016	.0003652	.0001710	.0061940	.1329
%RSD	.7123967	18.41482	.2337176	.2557875	.1625038	3.712517	.0583511

#1	.0079390	.0014207	129.2438	.1430592	.1050385	.1739381	227.9381
#2	.0080261	.0018292	128.7153	.1428971	.1053775	.1625316	227.6776
#3	.0080464	.0012957	129.2315	.1423614	.1052473	.1640498	227.7616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.68816	20.61804	.1983181	-.012878	1.287709	.2560221	.5479307
Stddev	.01503	.04359	.0016345	.000461	.146318	.0025963	.0136550
%RSD	.1286188	.2114002	.8241742	3.576188	11.36265	1.014072	2.492099

#1	11.70263	20.62300	.1978597	-.012690	1.289244	.2546440	.5447101
#2	11.67262	20.57219	.2001329	-.013402	1.433254	.2590168	.5629081
#3	11.68924	20.65893	.1969618	-.012540	1.140630	.2544055	.5361739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.199270	.4022578	.1119170	.0141720	.3025374	43.86148	.0187513
Stddev	.062815	.0007578	.0040319	.0006034	.0019339	.06004	.0032115
%RSD	1.013258	.1883969	3.602609	4.257404	.6392213	.1368928	17.12662

#1	6.230571	.4013915	.1086387	.0136379	.3032905	43.92453	.0166416
#2	6.240285	.4025840	.1164190	.0148265	.3039814	43.80498	.0224472
#3	6.126955	.4027980	.1106933	.0140516	.3003403	43.85493	.0171650

Sample Name: M3851-03A Acquired: 01/10/2022 16:30:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX349A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.013701	.0730143	.0426169
Stddev	.003933	.0005479	.0005322
%RSD	.3880319	.7504706	1.248786

#1	1.010085	.0725482	.0432311
#2	1.013130	.0736179	.0423265
#3	1.017889	.0728767	.0422931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.778	45968.82	6800.103	1253.877	1874.144
Stddev	.375	71.95	38.235	6.741	1.373
%RSD	.0273055	.1565196	.5622778	.5376449	.0732581

#1	1373.732	45918.93	6771.075	1250.224	1873.083
#2	1373.428	46051.29	6843.426	1261.656	1873.654
#3	1374.174	45936.23	6785.807	1249.750	1875.695

Sample Name: M4420-20A Acquired: 01/10/2022 16:34:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAC6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.443587	-.009799	8.660257	.0449540	.0241619	74.29620	1.116474
Stddev	.011914	.005298	.007154	.0033535	.0025133	.32836	.000984
%RSD	.8253139	54.07027	.0826108	7.459813	10.40188	.4419604	.0880965

#1	1.431852	-.012440	8.665767	.0431321	.0244614	74.25520	1.117273
#2	1.443237	-.013259	8.652171	.0488241	.0265120	73.99027	1.115375
#3	1.455673	-.003699	8.662833	.0429058	.0215123	74.64314	1.116772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241973	.2524578	510.7954	.2171691	.2542066	.4372202	277.9927
Stddev	.0000038	.0008523	1.4038	.0009667	.0006918	.0039144	1.1030
%RSD	.0155919	.3375955	.2748220	.4451272	.2721538	.8952942	.3967600

#1	.0242002	.2515482	509.7696	.2180735	.2535874	.4355039	277.4509
#2	.0241987	.2532380	510.2214	.2161503	.2540790	.4344571	277.2655
#3	.0241930	.2525872	512.3952	.2172835	.2549533	.4416996	279.2618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.815874	22.83166	.6253261	-.011883	5.287784	.4311374	7.797201
Stddev	.042355	.13981	.0008805	.000100	.058284	.0030575	.017804
%RSD	.4314964	.6123498	.1408025	.8397200	1.102244	.7091674	.2283387

#1	9.797735	22.70786	.6247373	-.011963	5.223995	.4334598	7.813301
#2	9.785609	22.80382	.6249026	-.011771	5.301096	.4276733	7.778080
#3	9.864278	22.98329	.6263382	-.011914	5.338261	.4322789	7.800223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.169803	.4837524	.1822425	.2647489	3.234351	35.66447	.0049934
Stddev	.169544	.0011658	.0020037	.0003956	.009694	.06294	.0023367
%RSD	1.848942	.2409915	1.099478	.1494368	.2997243	.1764719	46.79691

#1	8.974221	.4832979	.1838365	.2648100	3.223202	35.65080	.0069555
#2	9.275081	.4828823	.1799932	.2651105	3.240800	35.60950	.0024083
#3	9.260106	.4850770	.1828977	.2643263	3.239049	35.73312	.0056164

Sample Name: M4420-20A Acquired: 01/10/2022 16:34:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXAC6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.355835	.0724990	.6518166
Stddev	.005944	.0011667	.0007193
%RSD	.4384140	1.609289	.1103484

#1	1.349696	.0711657	.6509965
#2	1.361563	.0729984	.6523403
#3	1.356246	.0733329	.6521131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.989	48340.98	7317.475	1300.684	1705.096
Stddev	4.599	50.41	37.642	10.956	3.129
%RSD	.3240708	.1042750	.5144177	.8423500	.1835170

#1	1421.955	48397.92	7360.563	1311.351	1708.699
#2	1413.692	48302.03	7300.887	1289.459	1703.528
#3	1421.321	48323.01	7290.976	1301.243	1703.060

Sample Name: M4421-03DLX2 Acquired: 01/10/2022 16:38:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0668270	-.001032	1.665817	.0179991	.0024311	59.49515	1.887143
Stddev	.0148421	.007164	.004481	.0067493	.0048145	.35468	.014728
%RSD	22.20976	694.5148	.2689693	37.49799	198.0425	.5961500	.7804255

#1	.0678462	-.000510	1.667955	.0102331	-.003081	59.60464	1.884944
#2	.0515016	.005857	1.660668	.0213174	.004559	59.09864	1.873638
#3	.0811334	-.008442	1.668829	.0224470	.005815	59.78218	1.902846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084231	.0951520	80.38994	.0819082	.0490450	.1244063	119.1450
Stddev	.0000769	.0005843	.26134	.0005251	.0004319	.0008946	.3159
%RSD	.9129078	.6140233	.3250873	.6410885	.8807015	.7190599	.2651626

#1	.0083599	.0954339	80.29464	.0823703	.0495434	.1252321	119.0499
#2	.0085087	.0944803	80.18964	.0820171	.0487793	.1245308	118.8876
#3	.0084008	.0955419	80.68556	.0813372	.0488124	.1234560	119.4976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071192	30.70555	.1318462	-.004020	.5108864	.1640008	14.15590
Stddev	.011590	.05522	.0012275	.000798	.3162218	.0012772	.35553
%RSD	.2285402	.1798519	.9309855	19.85386	61.89670	.7787712	2.511543

#1	5.071818	30.75963	.1316171	-.003715	.7022450	.1637753	13.92372
#2	5.059302	30.70778	.1307493	-.004926	.1458882	.1628515	13.97879
#3	5.082456	30.64925	.1331720	-.003420	.6845260	.1653758	14.56521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186039	.2772093	.1143106	.0058725	.5101916	28.22796	-.003027
Stddev	.087362	.0024932	.0013603	.0006816	.0017104	.13543	.001510
%RSD	1.684553	.8994012	1.190018	11.60598	.3352535	.4797651	49.87640

#1	5.286259	.2766097	.1135925	.0065092	.5121502	28.26555	-.003776
#2	5.145878	.2750706	.1134597	.0051536	.5089919	28.34062	-.004015
#3	5.125979	.2799477	.1158795	.0059549	.5094328	28.07770	-.001289

Sample Name: M4421-03DLX2 Acquired: 01/10/2022 16:38:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6480616	.0383007	.0091392
Stddev	.0022953	.0008594	.0004932
%RSD	.3541876	2.243847	5.396952

#1	.6455712	.0374483	.0086266
#2	.6485211	.0391669	.0091805
#3	.6500924	.0382870	.0096105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.961	45717.26	6717.910	1258.238	1916.370
Stddev	2.689	125.25	15.746	3.534	8.301
%RSD	.1955673	.2739579	.2343935	.2808934	.4331700

#1	1374.776	45665.62	6711.215	1260.860	1911.807
#2	1377.738	45860.07	6706.618	1259.635	1925.951
#3	1372.370	45626.10	6735.898	1254.218	1911.351

Sample Name: M4421-04DLX5 Acquired: 01/10/2022 16:42:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290071	-.002427	1.203165	.0084676	.0031149	23.09907	.3428825
Stddev	.0101924	.002533	.007498	.0040946	.0012837	.03355	.0010398
%RSD	35.13780	104.3833	.6231881	48.35620	41.21102	.1452511	.3032442

#1	.0182162	-.001417	1.194609	.0038112	.0017049	23.06364	.3421560
#2	.0303338	-.000554	1.206294	.0100858	.0042159	23.10322	.3424179
#3	.0384711	-.005309	1.208591	.0115057	.0034238	23.13036	.3440735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070575	.0659668	54.85580	.0323378	.0180235	.0709995	64.65914
Stddev	.0001192	.0004788	.27036	.0004795	.0004509	.0029675	.48552
%RSD	1.688350	.7257387	.4928499	1.482889	2.501562	4.179645	.7508989

#1	.0071587	.0655726	54.55769	.0325316	.0177985	.0741711	64.15281
#2	.0070877	.0664995	54.92460	.0317917	.0185427	.0705371	64.70386
#3	.0069262	.0658282	55.08511	.0326901	.0177295	.0682903	65.12077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9597420	13.57884	.0675434	-.001301	.2319673	.0660550	11.35726
Stddev	.0066928	.08586	.0008433	.000125	.2502902	.0024874	.06126
%RSD	.6973579	.6322944	1.248609	9.649995	107.8989	3.765698	.5394062

#1	.9528256	13.48162	.0674546	-.001175	.5146299	.0675686	11.41702
#2	.9602143	13.64427	.0684277	-.001300	.0384668	.0674122	11.36015
#3	.9661862	13.61063	.0667480	-.001426	.1428054	.0631842	11.29460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.283873	.1401329	.1234205	.0054886	.3913070	11.29776	-.000644
Stddev	.081939	.0015216	.0009355	.0005928	.0030161	.10897	.001634
%RSD	3.587710	1.085812	.7579352	10.80010	.7707861	.9644952	253.8292

#1	2.286467	.1394878	.1237313	.0061035	.3899660	11.36875	.000101
#2	2.200667	.1418707	.1223692	.0054416	.3947612	11.35222	.000485
#3	2.364483	.1390401	.1241610	.0049207	.3891940	11.17230	-.002517

Sample Name: M4421-04DLX5 Acquired: 01/10/2022 16:42:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3577818	.0106819	.0140189
Stddev	.0008110	.0001599	.0003386
%RSD	.2266825	1.496731	2.415500

#1	.3583047	.0106339	.0144060
#2	.3581930	.0105515	.0138737
#3	.3568475	.0108603	.0137772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.956	43917.09	6507.466	1214.281	1943.276
Stddev	4.841	189.42	13.608	7.749	12.069
%RSD	.3634231	.4313175	.2091169	.6381632	.6210872

#1	1332.329	43889.35	6493.519	1211.780	1946.846
#2	1326.939	44118.85	6508.169	1222.972	1929.824
#3	1336.599	43743.06	6520.709	1208.092	1953.158

Sample Name: PB139559BS Acquired: 01/10/2022 16:56:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS559 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189006	.0516363	.0218912	.0743587	.1269180	.4192282
Stddev	.0147982	.0056509	.0015126	.0049271	.0045555	.0042109
%RSD	78.29489	10.94373	6.909492	6.626132	3.589349	1.004438

#1	.0068755	.0560635	.0211704	.0740175	.1282886	.4184525
#2	.0143997	.0535741	.0236293	.0696111	.1218345	.4237730
#3	.0354268	.0452714	.0208737	.0794476	.1306309	.4154591

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4333762	.0114839	.0106524	10.36094	.0225551	.0963816
Stddev	.0007421	.0000296	.0001014	.01518	.0008408	.0002847
%RSD	.1712383	.2578418	.9522767	.1464677	3.727847	.2954203

#1	.4332668	.0115159	.0106067	10.36851	.0229782	.0964639
#2	.4341670	.0114575	.0105818	10.37085	.0231002	.0966162
#3	.4326949	.0114782	.0107686	10.34347	.0215867	.0960648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548674	.2190974	.0315362	9.980380	.0874715	.0210193
Stddev	.0030960	.0043834	.0010004	.062348	.0002779	.0003602
%RSD	5.642713	2.000651	3.172324	.6247027	.3177371	1.713545

#1	.0577865	.2202683	.0314717	9.977927	.0876988	.0211857
#2	.0551950	.2227765	.0325674	9.919295	.0871616	.0212663
#3	.0516206	.2142475	.0305696	10.04392	.0875541	.0206061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13786	.1113840	F .0707462	10.79233	F .0015293	.0195322
Stddev	.12035	.0024446	.0029431	.18532	.0003870	.0006567
%RSD	1.187152	2.194732	4.160038	1.717148	25.30655	3.362350

#1	10.26365	.1125349	.0741078	10.96332	.0016472	.0190628
#2	10.02380	.1130408	.0694968	10.59541	.0010970	.0192510
#3	10.12615	.1085764	.0686339	10.81825	.0018436	.0202827

Sample Name: PB139559BS Acquired: 01/10/2022 16:56:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS559 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215603	F .0200996	.2162886	.0109420	.2043338	.0246990
Stddev	.0006179	.0005856	.0017624	.0007951	.0024524	.0018639
%RSD	2.865888	2.913439	.8148253	7.266910	1.200211	7.546404
#1	.0217975	.0202653	.2159823	.0110966	.2046172	.0244160
#2	.0208590	.0194490	.2181840	.0116484	.2017519	.0266882
#3	.0220244	.0205844	.2146994	.0100809	.2066322	.0229928

Elem	Sr4077
Units	ppm
Avg	.2135970
Stddev	.0002274
%RSD	.1064453
#1	.2133421
#2	.2137788
#3	.2136701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.033	41287.31	6111.271	1142.415	2001.858
Stddev	1.302	806.74	38.703	23.438	1.979
%RSD	.1023336	1.953955	.6333125	2.051640	.0988378
#1	1272.369	41921.94	6085.378	1161.327	1999.768
#2	1273.134	40379.44	6155.763	1116.193	2003.702
#3	1270.596	41560.55	6092.671	1149.726	2002.106

Sample Name: CCV073 Acquired: 01/10/2022 17:00:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125167	4.932638	24.90609	4.951796	5.315977	417.9956
Stddev	.039798	.023866	.07112	.006828	.009586	1.6856
%RSD	.7765133	.4838417	.2855398	.1378803	.1803231	.4032533

#1	5.166662	4.918436	24.91081	4.950435	5.322795	416.8683
#2	5.087317	4.919287	24.83273	4.959202	5.305016	417.1852
#3	5.121524	4.960192	24.97473	4.945752	5.320118	419.9333

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67701	.5271560	2.482009	395.8962	15.22230	2.431133
Stddev	.03383	.0047379	.003957	.5391	.04452	.004573
%RSD	.3168467	.8987638	.1594142	.1361662	.2924358	.1880880

#1	10.71606	.5227183	2.481219	395.9394	15.17686	2.426016
#2	10.65831	.5266040	2.478507	395.3369	15.22420	2.432563
#3	10.65665	.5321457	2.486301	396.4124	15.26583	2.434819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98363	390.6841	14.43446	384.7506	2.679751	1.192655
Stddev	.14211	1.5270	.03129	1.0862	.006996	.004118
%RSD	.9484390	.3908466	.2168042	.2823206	.2610779	.3452739

#1	14.85704	389.6164	14.41930	384.0282	2.684360	1.188636
#2	14.95650	390.0028	14.41364	384.2238	2.671701	1.192464
#3	15.13735	392.4331	14.47045	385.9998	2.683192	1.196865

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.1508	2.540957	F 12.28246	156.3489	F 6.125147	5.123766
Stddev	.8471	.004622	.21121	1.3289	.024850	.038716
%RSD	.2085641	.1819056	1.719643	.8499791	.4057034	.7556209

#1	405.7628	2.536751	12.16629	155.0309	6.108410	5.090046
#2	405.5671	2.540215	12.52626	156.3273	6.113331	5.115206
#3	407.1223	2.545905	12.15482	157.6886	6.153700	5.166046

Sample Name: CCV073 Acquired: 01/10/2022 17:00:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959662	5.397629	5.070908	5.233444	4.799800	5.113513
Stddev	.011242	.032258	.041643	.025387	.008608	.014799
%RSD	.2266642	.5976245	.8212115	.4850998	.1793337	.2894053

#1	4.947537	5.380788	5.034508	5.240514	4.805159	5.129739
#2	4.961710	5.377277	5.061898	5.205271	4.804370	5.110041
#3	4.969739	5.434822	5.116319	5.254547	4.789871	5.100759

Elem	Sr4077
Units	ppm
Avg	4.746504
Stddev	.047922
%RSD	1.009626

#1	4.799703
#2	4.733094
#3	4.706716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1060.193	38153.72	5848.099	992.0674	1519.378
Stddev	2.562	84.77	19.664	11.0637	.410
%RSD	.2416905	.2221787	.3362485	1.115212	.0269796

#1	1062.565	38139.11	5868.952	986.8670	1519.150
#2	1057.475	38077.21	5845.452	984.5621	1519.852
#3	1060.540	38244.85	5829.892	1004.773	1519.133

Sample Name: CCB073 Acquired: 01/10/2022 17:04:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000719	.0004884	.0000363	.0062721	-.003232	.0353976	-.000810
Stddev	.001446	.0024029	.0010051	.0054715	.000125	.0076996	.000497
%RSD	201.1418	491.9811	2772.082	87.23556	3.874757	21.75173	61.35919

#1	-.000507	.0031686	-.000973	.0105989	-.003097	.0436666	-.000789
#2	-.002258	-.000230	.000044	.0080956	-.003255	.0340917	-.000324
#3	.000609	-.001473	.001037	.0001217	-.003344	.0284344	-.001318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000519	.0001409	.0275773	.0009785	-.000054	.0027189	.0398022
Stddev	.0000409	.0000913	.0094696	.0004963	.000070	.0016816	.0079511
%RSD	78.70671	64.75735	34.33843	50.71913	130.9998	61.84599	19.97659

#1	.0000122	.0002229	.0215369	.0013492	-.000008	.0008047	.0403716
#2	.0000938	.0000426	.0227040	.0011715	-.000018	.0033941	.0474534
#3	.0000497	.0001573	.0384911	.0004147	-.000134	.0039580	.0315817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012430	.0194350	.0001218	.0014226	.0443181	-.001955	-.006194
Stddev	.0002692	.0246196	.0002323	.0001935	.1968671	.004527	.011561
%RSD	21.65403	126.6767	190.7344	13.59778	444.2133	231.5437	186.6280

#1	.0014192	.0019599	.0002027	.0012002	.2489225	-.005989	-.016353
#2	.0009332	.0475913	-.000140	.0015158	.0278032	.002940	-.008616
#3	.0013767	.0087537	.000303	.0015518	-.143771	-.002816	.006385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5368670	-.001347	.0080608	.0011115	.0006475	.0029723	-.000668
Stddev	.0633524	.000387	.0002414	.0003155	.0003817	.0012297	.001976
%RSD	11.80040	28.71644	2.994450	28.38398	58.95000	41.37019	295.7487

#1	.5424043	-.001153	.0078012	.0012528	.0006008	.0019026	-.002456
#2	.4709276	-.001793	.0081026	.0013316	.0010504	.0043158	-.001002
#3	.5972690	-.001097	.0082785	.0007500	.0002913	.0026987	.001454

Sample Name: CCB073 Acquired: 01/10/2022 17:04:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v24) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012597	-.005967	.0002102
Stddev	.0021269	.000753	.0000661
%RSD	168.8375	12.61300	31.45055

#1	-.000989	-.006147	.0002475
#2	.001530	-.005141	.0001339
#3	.003238	-.006614	.0002492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.228	41823.33	6073.308	1161.621	2045.849
Stddev	4.073	266.38	32.534	10.395	4.084
%RSD	.3164508	.6369202	.5356846	.8949033	.1996429

#1	1286.725	42111.85	6036.750	1172.987	2044.351
#2	1283.430	41586.73	6084.100	1152.595	2042.726
#3	1291.530	41771.41	6099.075	1159.281	2050.471