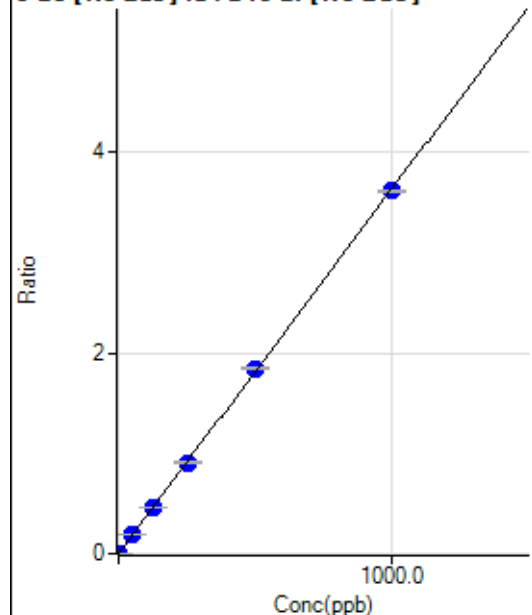


Batch Folder: D:\ICP-MS Data\P7020417.b\
Analysis File: P7020417.batch.bin
DA Date-Time: 2017-02-05 19:56:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-04 14:24:26
2			
3	004CALS.d	S02	2017-02-04 14:32:54
4	005CALS.d	S03	2017-02-04 14:36:45
5	006CALS.d	S04	2017-02-04 14:40:52
6	007CALS.d	S05	2017-02-04 14:44:38
7	008CALS.d	S06	2017-02-04 14:48:22
8	009CALS.d	S07	2017-02-04 14:52:02
9	010CALS.d	S08	2017-02-04 14:55:37

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0002	P	60.2
2	☐	0.100					
3	☐	1.000	1.017	733.37	0.0039	P	9.5
4	☐	50.000	51.183	35976.48	0.1858	P	0.6
5	☐	125.000	125.570	87620.82	0.4556	P	1.6
6	☐	250.000	250.199	171743.92	0.9077	P	0.7
7	☐	500.000	507.813	344106.83	1.8421	P	1.1
8	☐	1000.000	995.914	683375.85	3.6125	P	0.5
9	☐			107.41	0.0006	P	20.3

$$y = 0.0036 * x + 1.8380E-004$$

$$R = 1.0000$$

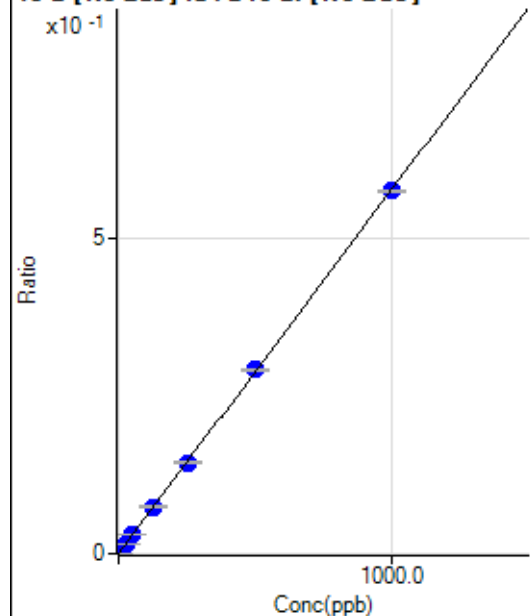
$$DL = 0.09146$$

$$BEC = 0.05067$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0003	P	90.4
2	☐	2.500					
3	☐	25.000	24.541	2725.37	0.0144	P	4.4
4	☐	50.000	53.130	5968.08	0.0308	P	4.9
5	☐	125.000	127.615	14165.53	0.0736	P	4.6
6	☐	250.000	249.839	27228.19	0.1439	P	0.8
7	☐	500.000	504.641	54248.21	0.2904	P	0.9
8	☐	1000.000	997.248	108495.80	0.5735	P	0.5
9	☐			1814.07	0.0098	P	7.9

$$y = 5.7483E-004 * x + 2.8845E-004$$

$$R = 1.0000$$

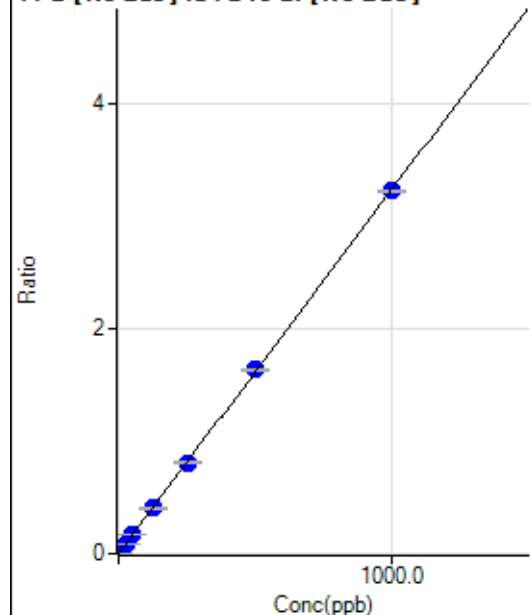
$$DL = 1.361$$

$$BEC = 0.5018$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0015	P	16.2
2	☐	2.500					
3	☐	25.000	24.826	15441.79	0.0816	P	1.6
4	☐	50.000	50.305	31703.49	0.1638	P	0.8
5	☐	125.000	124.720	77657.95	0.4038	P	1.5
6	☐	250.000	249.915	152823.26	0.8077	P	1.4
7	☐	500.000	505.023	304621.75	1.6307	P	1.1
8	☐	1000.000	997.534	609033.02	3.2195	P	0.8
9	☐			10176.02	0.0550	P	7.3

$$y = 0.0032 * x + 0.0015$$

$$R = 1.0000$$

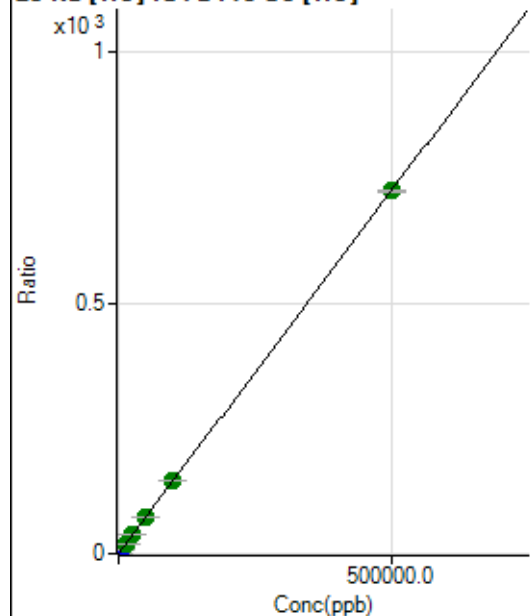
$$DL = 0.2224$$

$$BEC = 0.458$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16782.23	0.0599	P	2.8
2	☐	50.000					
3	☐	500.000	492.810	215736.52	0.7734	P	1.0
4	☐	5000.000	5159.614	2096554.41	7.5298	P	0.3
5	☐	12500.000	12790.390	5148740.31	18.5773	A	0.8
6	☐	25000.000	25279.540	10155513.42	36.6586	A	0.6
7	☐	50000.000	50692.228	20273042.99	73.4500	A	0.3
8	☐	100000.00	100839.69	40073689.09	146.0515	A	0.4
9	☐	500000.00	499740.01	197384696.0	723.5631	A	0.5

$$y = 0.0014 * x + 0.0599$$

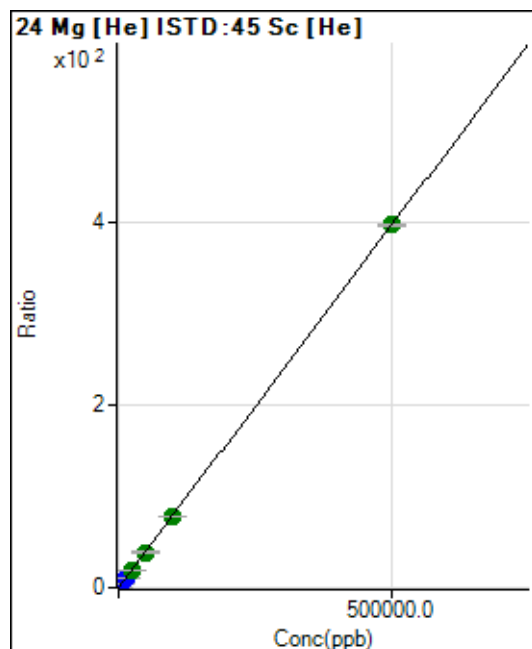
$$R = 1.0000$$

$$DL = 3.515$$

$$BEC = 41.38$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0007	P	21.3
2	☐	50.000					
3	☐	500.000	482.611	106944.76	0.3834	P	1.0
4	☐	5000.000	4981.803	1099971.27	3.9506	P	0.3
5	☐	12500.000	12579.966	2764483.14	9.9748	P	0.6
6	☐	25000.000	24624.526	5409066.05	19.5244	A	0.3
7	☐	50000.000	49066.690	10737402.67	38.9036	A	0.7
8	☐	100000.00	97821.542	21280895.79	77.5592	A	0.3
9	☐	500000.00	500545.99	108259092.0	396.8622	A	0.8

$$y = 7.9286E-004 * x + 7.1445E-004$$

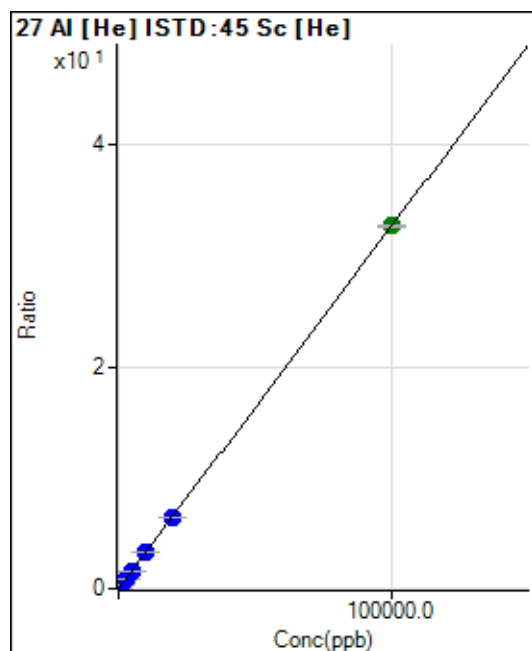
$$R = 1.0000$$

$$DL = 0.5753$$

$$BEC = 0.9011$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0001	P	40.3
2	☐	2.000					
3	☐	20.000	18.851	1761.30	0.0063	P	3.0
4	☐	1000.000	978.927	89171.05	0.3203	P	0.7
5	☐	2500.000	2479.139	224716.86	0.8108	P	1.2
6	☐	5000.000	4942.576	447789.79	1.6164	P	0.6
7	☐	10000.000	9890.738	892720.07	3.2344	P	0.3
8	☐	20000.000	19663.375	1764251.06	6.4300	P	0.3
9	☐	100000.00	100081.85	8927421.29	32.7266	A	0.3

$$y = 3.2700E-004 * x + 1.4883E-004$$

$$R = 1.0000$$

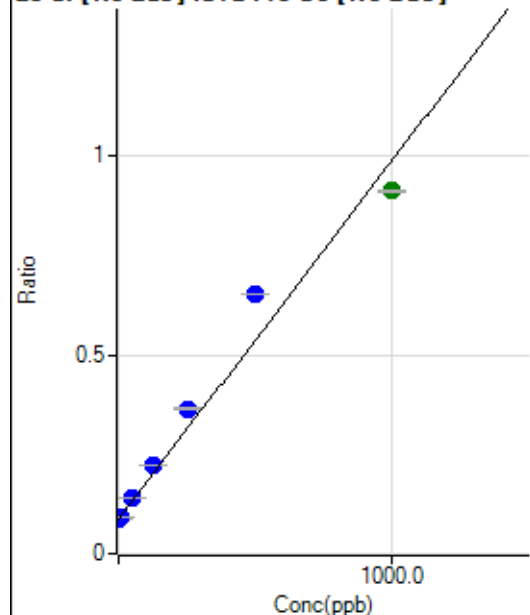
$$DL = 0.55$$

$$BEC = 0.4551$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	460587.13	0.0868	P	0.9
2	☐	1.000					
3	☐	10.000	3.758	484575.11	0.0902	P	0.9
4	☐	50.000	57.603	752975.86	0.1386	P	0.6
5	☐	125.000	151.604	1190241.09	0.2233	P	0.9
6	☐	250.000	308.737	1936381.08	0.3647	P	1.1
7	☐	500.000	628.539	3457641.74	0.6526	P	0.6
8	☐	1000.000	917.403	4784141.90	0.9126	A	0.8
9	☐			682242.02	0.1315	P	1.0

$$y = 9.0022\text{E-}004 * x + 0.0868$$

$$R = 0.9842$$

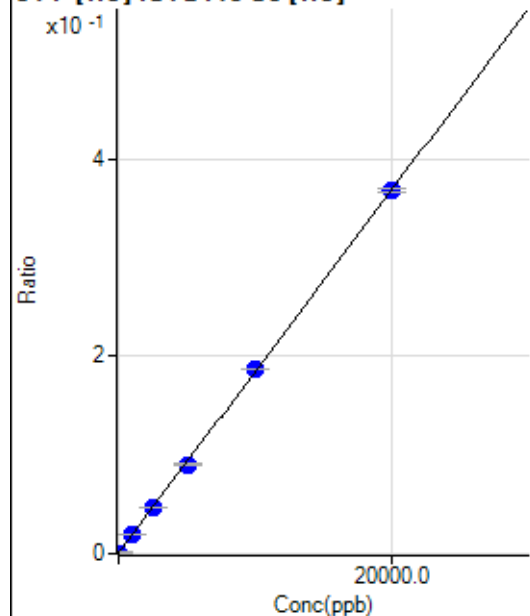
$$DL = 2.506$$

$$BEC = 96.4$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.277	175.01	0.0006	P	14.1
2	☐	0.000					
3	☐	0.000	9.277	269.46	0.0010	P	4.6
4	☐	1000.000	1012.998	5409.57	0.0194	P	1.4
5	☐	2500.000	2516.668	13050.68	0.0471	P	0.3
6	☐	5000.000	4869.794	25033.00	0.0904	P	1.8
7	☐	10000.000	10133.704	51668.63	0.1872	P	0.7
8	☐	20000.000	19962.966	100979.80	0.3680	P	1.0
9	☐			197.23	0.0007	P	35.8

$$y = 1.8395\text{E-}005 * x + 7.9527\text{E-}004$$

$$R = 0.9999$$

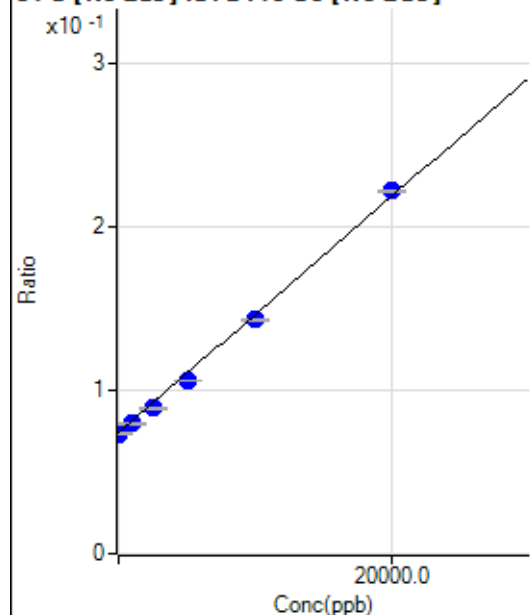
$$DL = 10.83$$

$$BEC = 43.23$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	113.618	399077.99	0.0752	P	0.8
2	☐	0.000					
3	☐	0.000	-113.618	395257.54	0.0735	P	0.9
4	☐	1000.000	764.225	433952.38	0.0799	P	0.9
5	☐	2500.000	2044.616	475333.92	0.0892	P	0.7
6	☐	5000.000	4346.021	561798.28	0.1058	P	0.1
7	☐	10000.000	9557.722	760411.48	0.1435	P	0.6
8	☐	20000.000	20453.346	1165632.81	0.2224	P	0.3
9	☐			387484.76	0.0747	P	2.1

$$y = 7.2358\text{E-}006 * x + 0.0744$$

$$R = 0.9990$$

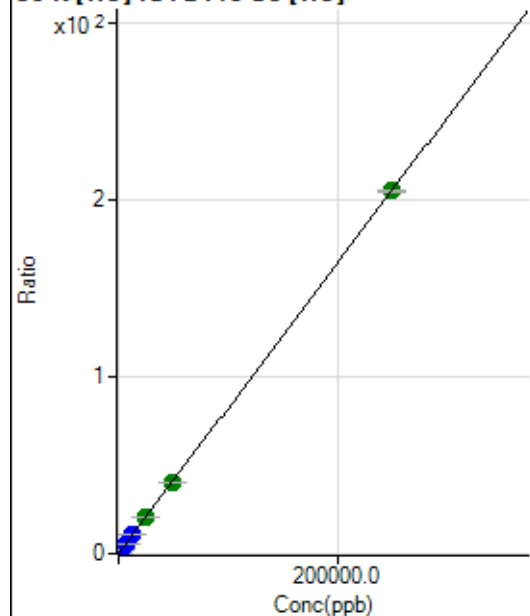
$$DL = 252.1$$

$$BEC = 1.028\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34073.34	0.1216	P	1.7
2	☐	50.000					
3	☐	500.000	474.266	142388.50	0.5104	P	0.0
4	☐	2500.000	2501.322	604813.55	2.1722	P	0.3
5	☐	6250.000	6259.038	1455763.66	5.2527	P	0.7
6	☐	12500.000	12493.107	2871040.91	10.3632	P	0.6
7	☐	25000.000	24815.700	5648257.46	20.4650	A	0.9
8	☐	50000.000	49353.197	11134235.41	40.5804	A	0.2
9	☐	250000.00	250147.94	55973678.33	205.1878	A	0.3

$$y = 8.1978\text{E-}004 * x + 0.1216$$

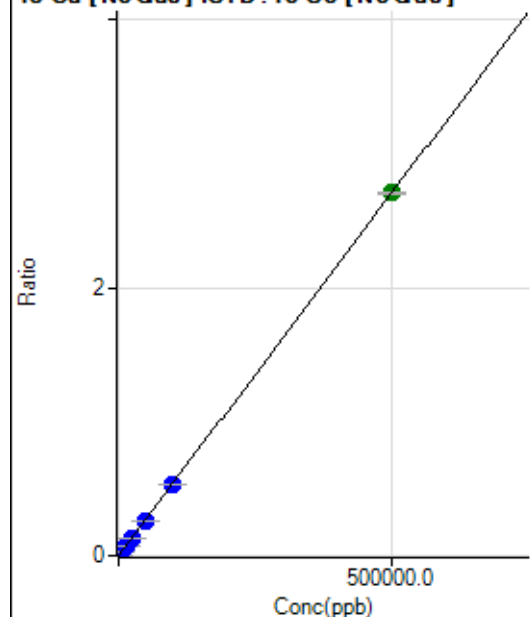
$$R = 1.0000$$

$$DL = 7.78$$

$$BEC = 148.4$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.47	0.0001	P	16.3
2	☐	50.000					
3	☐	500.000	466.303	13909.86	0.0026	P	3.6
4	☐	5000.000	4857.670	143112.14	0.0263	P	1.5
5	☐	12500.000	12186.784	351910.40	0.0660	P	0.2
6	☐	25000.000	24368.739	700445.32	0.1319	P	0.4
7	☐	50000.000	48641.111	1394826.44	0.2633	P	0.9
8	☐	100000.00	97934.874	2778262.78	0.5300	P	0.7
9	☐	500000.00	500589.76	14053998.40	2.7088	A	0.6

$$y = 5.4110\text{E-}006 * x + 6.4893\text{E-}005$$

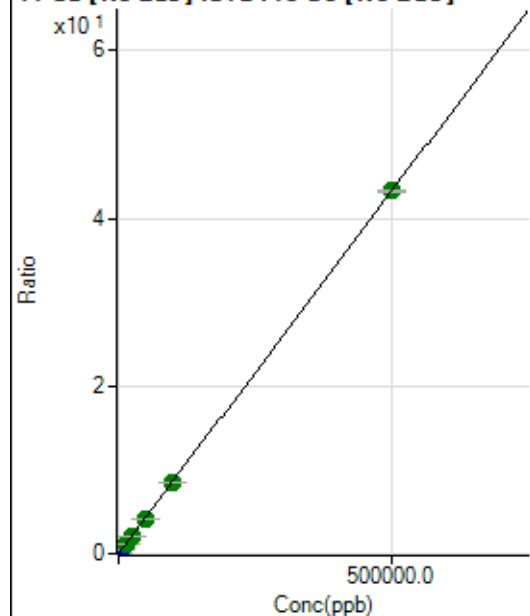
$$R = 1.0000$$

$$DL = 5.882$$

$$BEC = 11.99$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14516.17	0.0027	P	1.7
2	☐	50.000					
3	☐	500.000	464.391	230465.72	0.0429	P	0.9
4	☐	5000.000	4939.511	2334129.24	0.4298	P	0.9
5	☐	12500.000	12266.451	5668036.89	1.0632	A	0.5
6	☐	25000.000	24502.078	11260922.39	2.1209	A	0.1
7	☐	50000.000	48722.038	22330511.96	4.2147	A	0.3
8	☐	100000.00	97629.303	44257088.49	8.4427	A	0.8
9	☐	500000.00	500633.31	224561668.9	43.2819	A	0.3

$$y = 8.6449\text{E-}005 * x + 0.0027$$

$$R = 1.0000$$

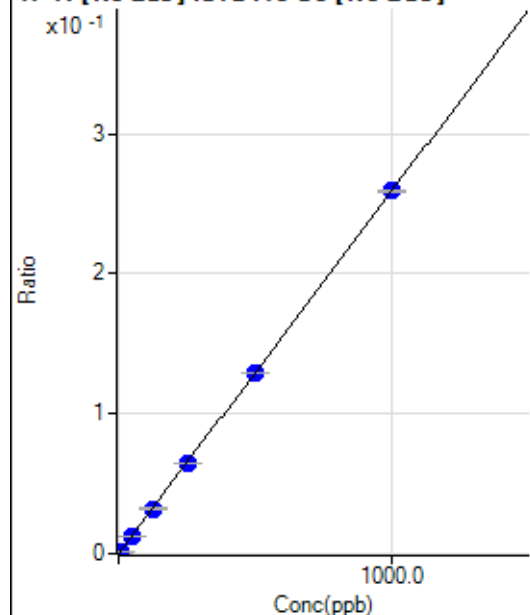
$$DL = 1.648$$

$$BEC = 31.63$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0000	P	45.6
2	☐	0.500					
3	☐	5.000	4.358	6207.13	0.0012	P	2.5
4	☐	50.000	49.643	69949.82	0.0129	P	0.4
5	☐	125.000	124.438	171893.70	0.0322	P	0.9
6	☐	250.000	250.308	344200.69	0.0648	P	0.9
7	☐	500.000	497.281	682234.65	0.1288	P	0.3
8	☐	1000.000	1001.374	1359112.07	0.2593	P	0.3
9	☐			1219.55	0.0002	P	3.2

$$y = 2.5889\text{E-}004 * x + 2.6665\text{E-}005$$

$$R = 1.0000$$

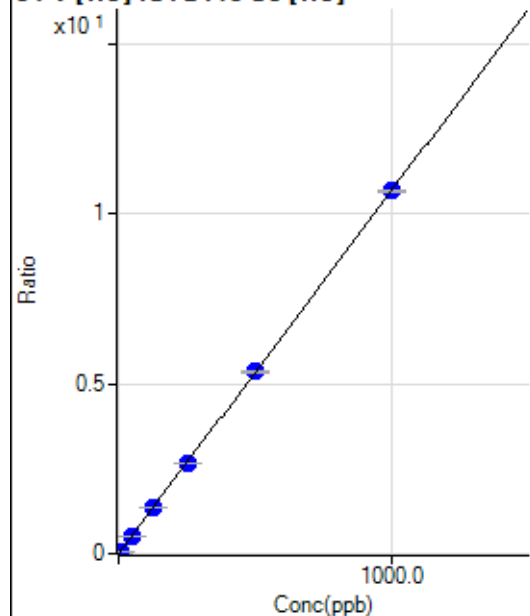
$$DL = 0.1408$$

$$BEC = 0.103$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.67	0.0001	P	31.5
2	☐	0.500					
3	☐	5.000	4.689	13982.36	0.0501	P	2.3
4	☐	50.000	49.870	148079.02	0.5318	P	0.4
5	☐	125.000	125.266	370182.80	1.3357	P	0.2
6	☐	250.000	248.684	734564.36	2.6516	P	0.5
7	☐	500.000	501.104	1474642.65	5.3428	P	0.3
8	☐	1000.000	999.752	2924595.58	10.6593	P	0.5
9	☐			845.60	0.0031	P	2.3

$$y = 0.0107 * x + 1.3090\text{E-}004$$

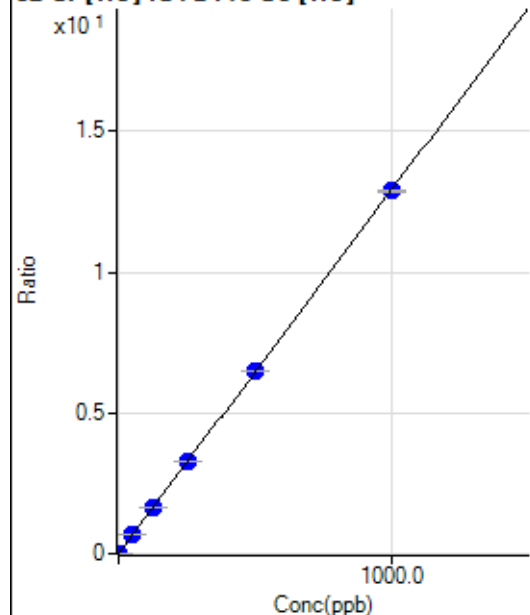
$$R = 1.0000$$

$$DL = 0.01162$$

$$BEC = 0.01228$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1846.81	0.0066	P	1.5
2	☐	0.200					
3	☐	2.000	2.021	9116.27	0.0327	P	1.1
4	☐	50.000	50.756	184264.21	0.6618	P	0.4
5	☐	125.000	127.857	459246.59	1.6571	P	0.3
6	☐	250.000	252.294	904066.05	3.2634	P	0.6
7	☐	500.000	502.904	1793581.71	6.4985	P	0.7
8	☐	1000.000	997.579	3534975.92	12.8842	P	0.7
9	☐			78407.13	0.2874	P	0.7

$$y = 0.0129 * x + 0.0066$$

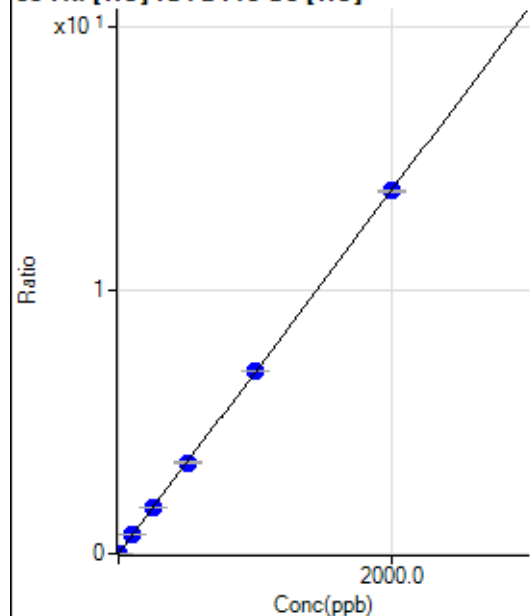
$$R = 1.0000$$

$$DL = 0.02225$$

$$BEC = 0.5107$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0002	P	25.7
2	☐	0.100					
3	☐	1.000	0.993	1963.50	0.0070	P	4.6
4	☐	100.000	101.275	194258.55	0.6976	P	1.0
5	☐	250.000	254.177	485168.05	1.7506	P	0.8
6	☐	500.000	501.718	957207.36	3.4553	P	0.7
7	☐	1000.000	1002.609	1905725.21	6.9047	P	0.3
8	☐	2000.000	1997.680	3774798.97	13.7573	P	0.5
9	☐			14487.30	0.0531	P	3.1

$$y = 0.0069 * x + 2.0229E-004$$

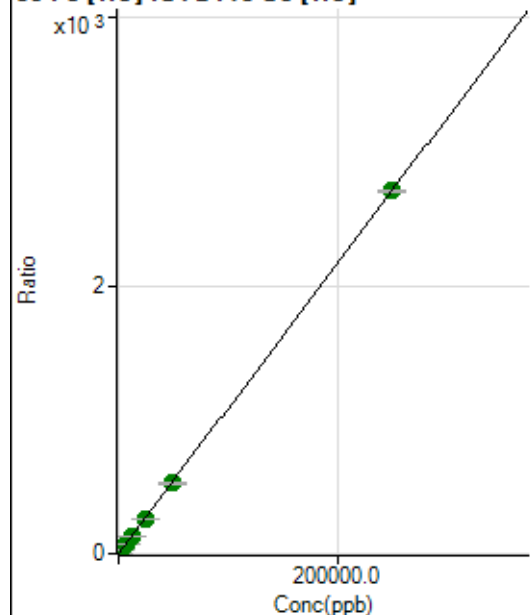
$$R = 1.0000$$

$$DL = 0.02263$$

$$BEC = 0.02937$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4517.50	0.0161	P	0.8
2	☐	5.000					
3	☐	50.000	47.376	147362.93	0.5283	P	0.7
4	☐	2500.000	2489.314	7497211.45	26.9257	A	0.2
5	☐	6250.000	6243.179	18708482.36	67.5052	A	0.4
6	☐	12500.000	12266.012	36737509.15	132.6124	A	0.8
7	☐	25000.000	24390.135	72773398.85	263.6747	A	0.8
8	☐	50000.000	48454.492	143727686.5	523.8117	A	0.6
9	☐	250000.00	250382.06	738337660.9	2,706.659	A	0.6

$$y = 0.0108 * x + 0.0161$$

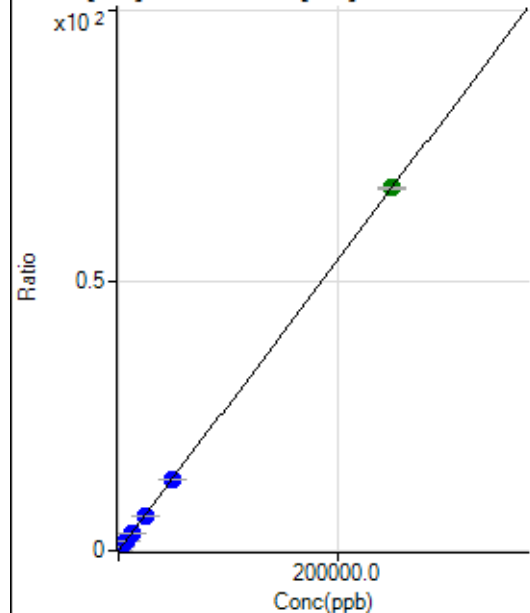
$$R = 1.0000$$

$$DL = 0.03408$$

$$BEC = 1.492$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.15	0.0004	P	25.1
2	☐	5.000					
3	☐	50.000	48.756	3748.74	0.0134	P	3.1
4	☐	2500.000	2470.553	184786.75	0.6636	P	0.2
5	☐	6250.000	6208.064	462023.32	1.6671	P	0.3
6	☐	12500.000	12175.155	905646.88	3.2691	P	0.8
7	☐	25000.000	24377.928	1806524.69	6.5453	P	0.5
8	☐	50000.000	48650.457	3584056.88	13.0620	P	0.7
9	☐	250000.00	250349.70	18335137.45	67.2143	A	0.4

$$y = 2.6848E-004 * x + 3.5010E-004$$

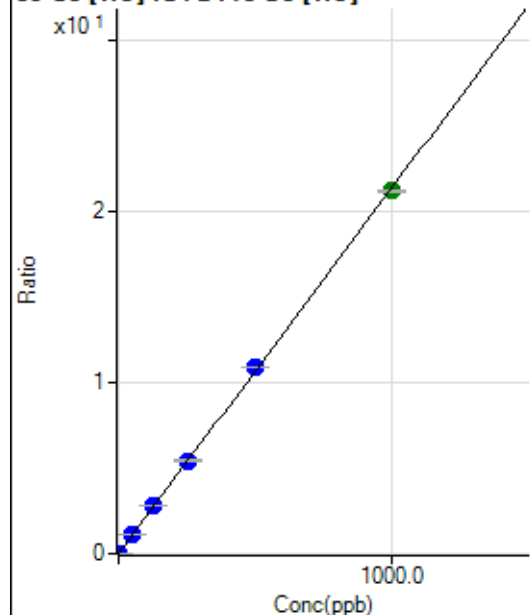
$$R = 1.0000$$

$$DL = 0.9816$$

$$BEC = 1.304$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	215.56	0.0008	P	1.3
2	☐	0.100					
3	☐	1.000	1.002	6178.07	0.0221	P	2.0
4	☐	50.000	51.659	306967.08	1.1025	P	0.1
5	☐	125.000	129.579	766068.33	2.7642	P	0.7
6	☐	250.000	255.057	1507041.82	5.4401	P	0.8
7	☐	500.000	509.814	3000999.44	10.8731	P	0.4
8	☐	1000.000	993.174	5811834.64	21.1813	A	0.5
9	☐			7192.97	0.0264	P	1.7

$$y = 0.0213 * x + 7.6952E-004$$

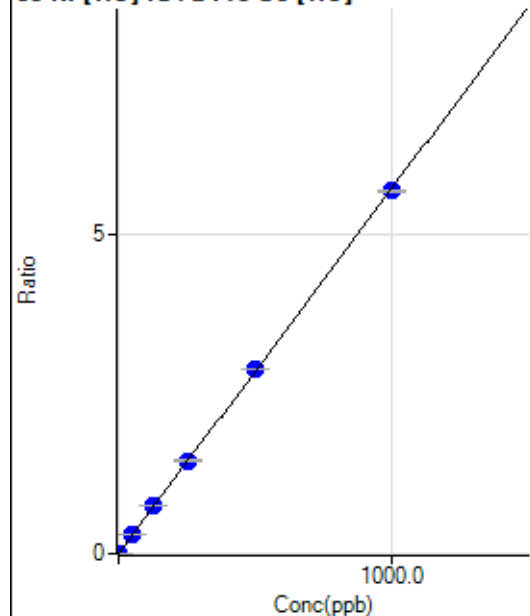
$$R = 0.9999$$

$$DL = 0.001434$$

$$BEC = 0.03608$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0003	P	12.9
2	☐	0.100					
3	☐	1.000	1.038	1750.13	0.0063	P	6.3
4	☐	50.000	52.075	82922.92	0.2978	P	1.0
5	☐	125.000	130.623	206875.08	0.7465	P	0.4
6	☐	250.000	255.320	404085.77	1.4587	P	1.1
7	☐	500.000	506.504	798601.02	2.8935	P	0.5
8	☐	1000.000	994.612	1558856.07	5.6815	P	0.3
9	☐			18944.64	0.0694	P	1.8

$$y = 0.0057 * x + 3.4521E-004$$

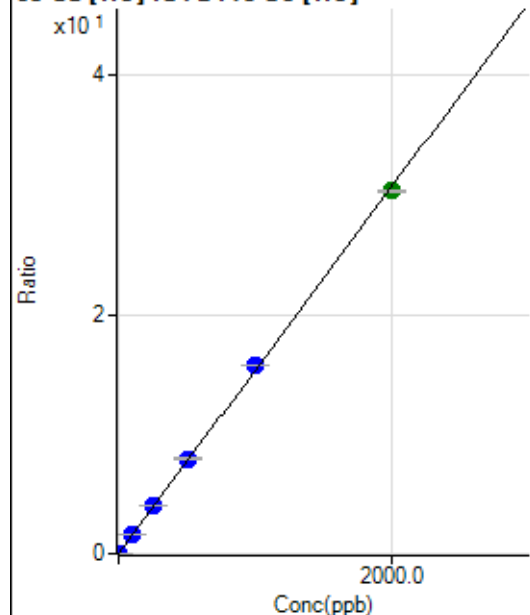
$$R = 0.9999$$

$$DL = 0.02335$$

$$BEC = 0.06044$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	524.46	0.0019	P	7.1
2	☐	0.200					
3	☐	2.000	2.042	9254.18	0.0332	P	3.9
4	☐	100.000	105.195	449651.18	1.6149	P	0.4
5	☐	250.000	263.325	1119536.78	4.0395	P	0.5
6	☐	500.000	518.139	2201436.79	7.9467	P	0.8
7	☐	1000.000	1030.318	4360898.10	15.8002	P	0.3
8	☐	2000.000	1978.381	8324104.11	30.3372	A	0.5
9	☐			11222.22	0.0411	P	2.7

$$y = 0.0153 * x + 0.0019$$

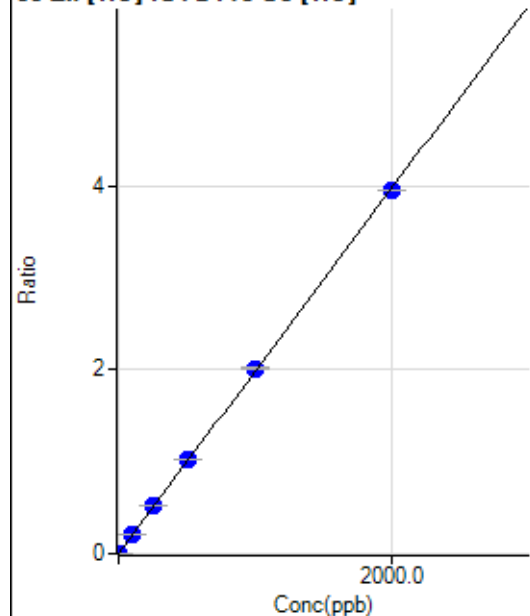
$$R = 0.9998$$

$$DL = 0.0261$$

$$BEC = 0.1221$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.45	0.0004	P	18.6
2	☐	0.200					
3	☐	2.000	2.282	1388.98	0.0050	P	5.2
4	☐	100.000	104.397	57904.32	0.2080	P	0.4
5	☐	250.000	261.488	144175.03	0.5202	P	0.5
6	☐	500.000	513.927	283128.47	1.0220	P	0.7
7	☐	1000.000	1015.544	557290.42	2.0191	P	0.3
8	☐	2000.000	1987.090	1083885.01	3.9503	P	0.1
9	☐			8266.91	0.0303	P	1.0

$$y = 0.0020 * x + 4.4406E-004$$

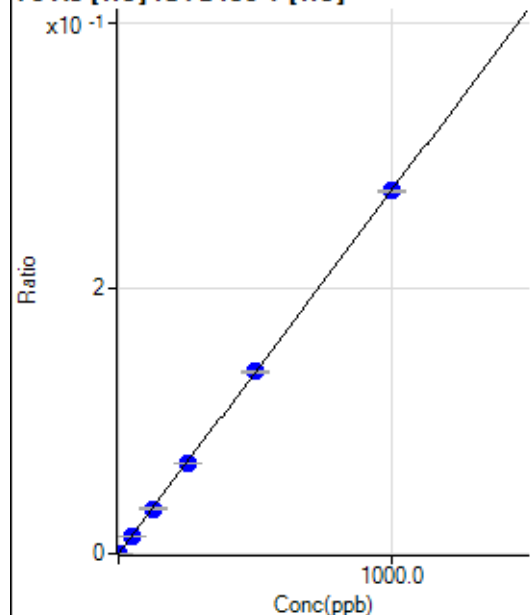
$$R = 0.9999$$

$$DL = 0.1249$$

$$BEC = 0.2234$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	18.1
2	☐	0.100					
3	☐	1.000	0.923	401.86	0.0003	P	8.7
4	☐	50.000	49.892	20806.31	0.0136	P	1.2
5	☐	125.000	124.376	52004.21	0.0340	P	1.0
6	☐	250.000	250.314	104325.43	0.0684	P	0.4
7	☐	500.000	500.910	207459.15	0.1369	P	0.7
8	☐	1000.000	999.550	412434.34	0.2733	P	0.5
9	☐			595.70	0.0004	P	5.1

$$y = 2.7338\text{E-}004 * x + 1.0075\text{E-}005$$

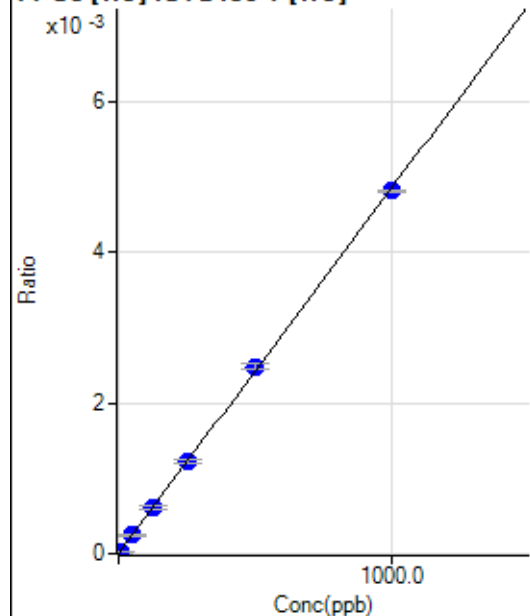
$$R = 1.0000$$

$$DL = 0.02006$$

$$BEC = 0.03685$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	43.7
2	☐	0.500					
3	☐	5.000	3.436	30.00	0.0000	P	21.7
4	☐	50.000	50.801	380.01	0.0002	P	6.0
5	☐	125.000	126.174	940.05	0.0006	P	6.2
6	☐	250.000	253.713	1881.26	0.0012	P	4.9
7	☐	500.000	512.061	3767.21	0.0025	P	2.6
8	☐	1000.000	992.862	7274.16	0.0048	P	0.8
9	☐			23.33	0.0000	P	62.3

$$y = 4.8513\text{E-}006 * x + 2.9041\text{E-}006$$

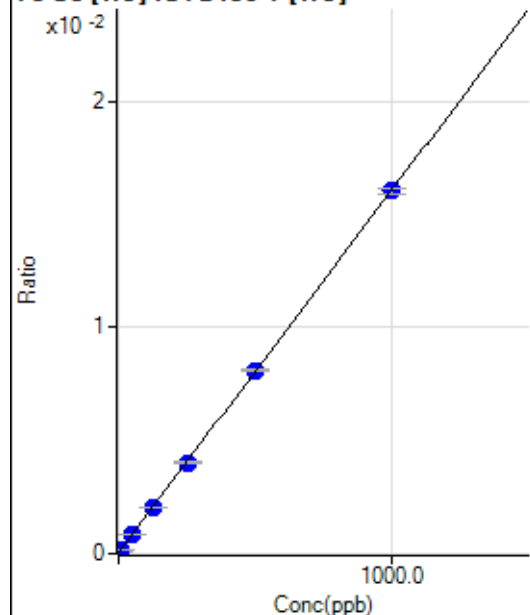
$$R = 0.9999$$

$$DL = 0.7849$$

$$BEC = 0.5986$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	79.02	0.0001	P	13.8
2	☐	0.500					
3	☐	5.000	5.988	225.93	0.0001	P	3.5
4	☐	50.000	48.993	1274.76	0.0008	P	1.7
5	☐	125.000	124.455	3126.91	0.0020	P	2.2
6	☐	250.000	247.341	6118.01	0.0040	P	1.9
7	☐	500.000	503.530	12296.02	0.0081	P	0.8
8	☐	1000.000	999.013	24227.01	0.0161	P	1.8
9	☐			138.28	0.0001	P	11.5

$$y = 1.6017\text{E-}005 * x + 5.1616\text{E-}005$$

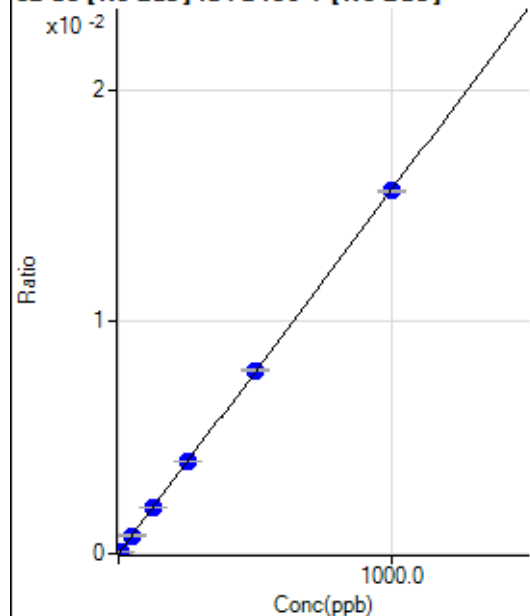
$$R = 1.0000$$

$$DL = 1.33$$

$$BEC = 3.222$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.90	0.0000	P	38.2
2	☐	0.500					
3	☐	5.000	4.335	732.89	0.0001	P	17.8
4	☐	50.000	49.510	7779.47	0.0008	P	2.3
5	☐	125.000	126.112	19276.58	0.0020	P	0.6
6	☐	250.000	252.237	38291.75	0.0040	P	0.2
7	☐	500.000	503.206	76650.74	0.0079	P	1.0
8	☐	1000.000	997.727	149961.47	0.0156	P	0.3
9	☐			225.44	0.0000	P	19.7

$$y = 1.5663\text{E-}005 * x + 7.3323\text{E-}006$$

$$R = 1.0000$$

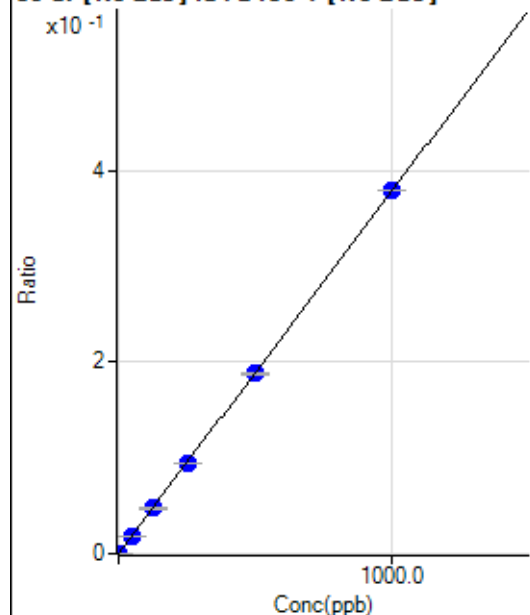
$$DL = 0.5366$$

$$BEC = 0.4681$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1175.10	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	0.853	4331.39	0.0004	P	1.6
4	☐	50.000	49.694	188024.47	0.0189	P	0.8
5	☐	125.000	124.662	459635.69	0.0473	P	0.8
6	☐	250.000	249.719	914971.64	0.0946	P	1.1
7	☐	500.000	496.596	1826312.37	0.1880	P	0.5
8	☐	1000.000	1001.830	3635894.14	0.3791	P	0.1
9	☐			104780.10	0.0114	P	1.5

$$y = 3.7826E-004 * x + 1.2162E-004$$

$$R = 1.0000$$

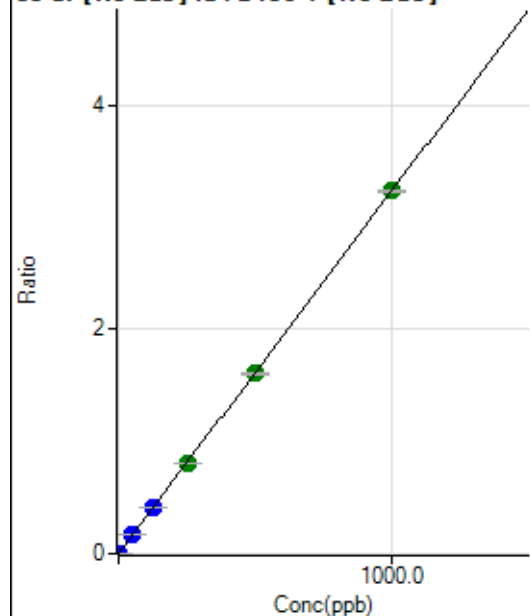
$$DL = 0.1122$$

$$BEC = 0.3215$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	0.929	29417.24	0.0030	P	2.9
4	☐	50.000	50.728	1629505.47	0.1640	P	1.0
5	☐	125.000	128.333	4032394.45	0.4148	P	1.0
6	☐	250.000	250.210	7822743.67	0.8086	A	0.5
7	☐	500.000	496.818	15601136.63	1.6056	A	0.3
8	☐	1000.000	1001.086	31031198.61	3.2352	A	0.5
9	☐			901177.48	0.0977	P	1.2

$$y = 0.0032 * x + 1.7250E-005$$

$$R = 1.0000$$

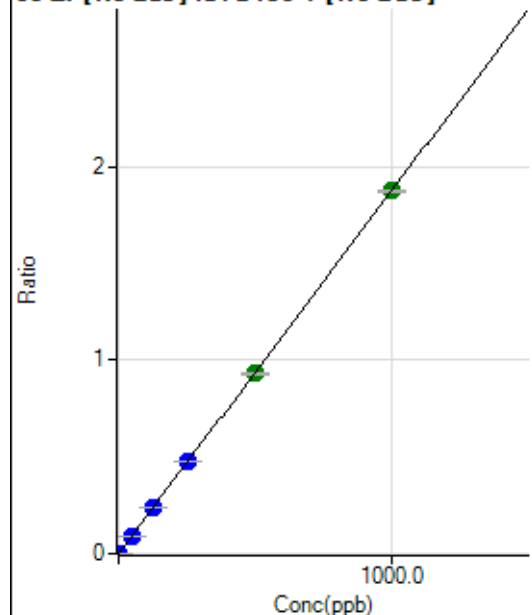
$$DL = 0.002167$$

$$BEC = 0.005338$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	541.70	0.0001	P	18.2
2	☐	0.100					
3	☐	1.000	0.696	13273.38	0.0014	P	3.2
4	☐	50.000	48.900	912677.13	0.0918	P	0.6
5	☐	125.000	125.523	2290913.23	0.2356	P	0.9
6	☐	250.000	253.581	4604629.31	0.4760	P	0.1
7	☐	500.000	497.825	9078279.20	0.9344	A	1.2
8	☐	1000.000	1000.182	18004678.70	1.8772	A	0.7
9	☐			4484.22	0.0005	P	2.7

$$y = 0.0019 * x + 5.6017E-005$$

$$R = 1.0000$$

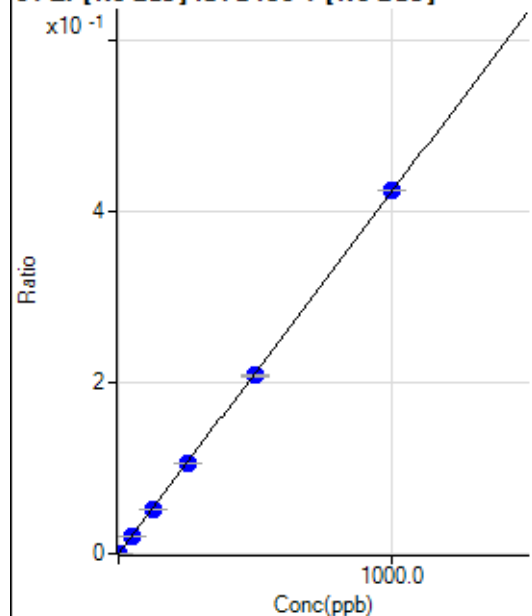
$$DL = 0.01634$$

$$BEC = 0.02985$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.687	2992.13	0.0003	P	3.9
4	☐	50.000	48.157	202685.33	0.0204	P	1.3
5	☐	125.000	123.576	508554.36	0.0523	P	0.4
6	☐	250.000	248.742	1018378.05	0.1053	P	0.9
7	☐	500.000	494.336	2032522.72	0.2092	P	1.0
8	☐	1000.000	1003.417	4072629.60	0.4246	P	0.2
9	☐			963.96	0.0001	P	13.0

$$y = 4.2314E-004 * x + 1.6097E-005$$

$$R = 1.0000$$

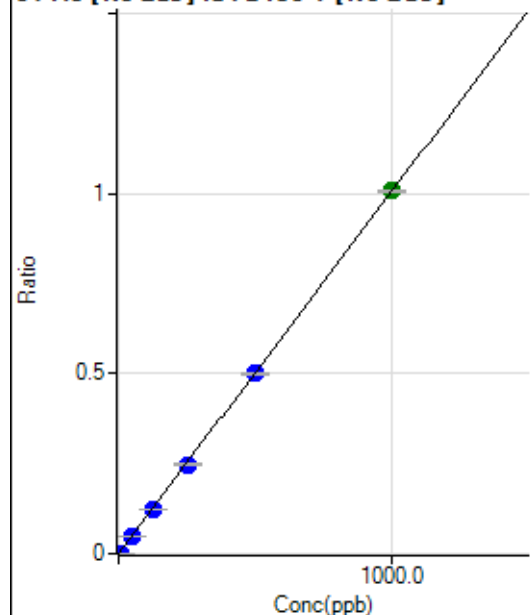
$$DL = 0.01426$$

$$BEC = 0.03804$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.68	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	1.876	18671.25	0.0019	P	3.4
4	☐	50.000	47.736	477047.32	0.0480	P	0.3
5	☐	125.000	122.503	1197083.90	0.1231	P	0.8
6	☐	250.000	246.651	2397981.41	0.2479	P	0.7
7	☐	500.000	497.978	4862083.14	0.5004	P	1.0
8	☐	1000.000	1002.289	9660269.49	1.0072	A	0.4
9	☐			18334.67	0.0020	P	8.3

$$y = 0.0010 * x + 3.0157E-005$$

$$R = 1.0000$$

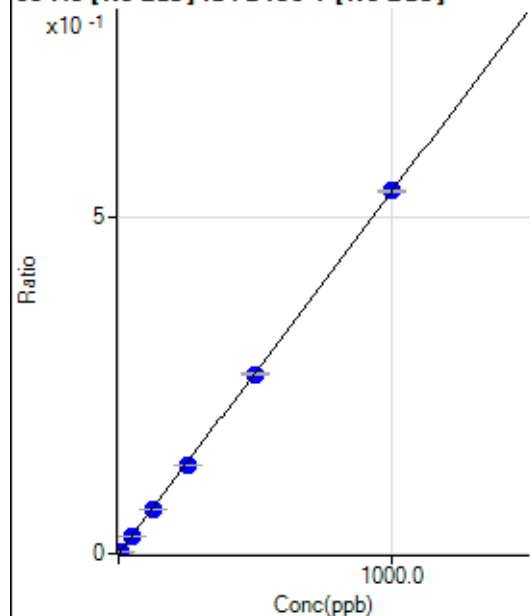
$$DL = 0.01754$$

$$BEC = 0.03001$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	4.544	23918.11	0.0025	P	1.1
4	☐	50.000	47.980	256230.50	0.0258	P	1.3
5	☐	125.000	121.744	635840.79	0.0654	P	0.7
6	☐	250.000	246.091	1278773.50	0.1322	P	0.4
7	☐	500.000	496.422	2590637.77	0.2666	P	0.9
8	☐	1000.000	1003.277	5168469.69	0.5389	P	0.2
9	☐			27766.83	0.0030	P	8.6

$$y = 5.3708E-004 * x + 1.2639E-005$$

$$R = 1.0000$$

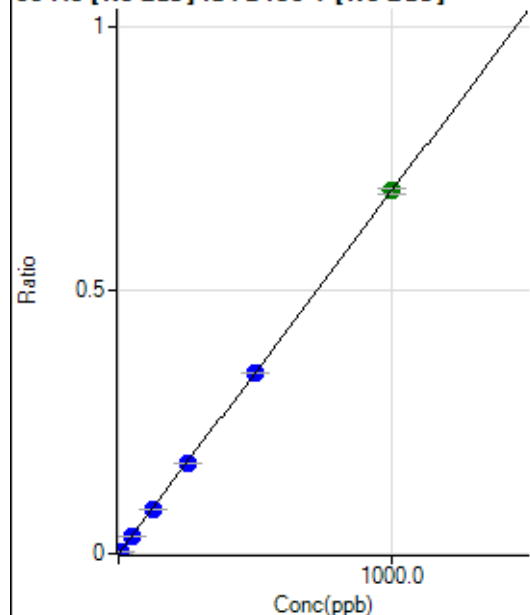
$$DL = 0.01077$$

$$BEC = 0.02353$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	11.6
2	☐	0.500					
3	☐	5.000	3.880	26177.56	0.0027	P	1.2
4	☐	50.000	48.538	332066.25	0.0334	P	0.5
5	☐	125.000	123.210	824312.27	0.0848	P	1.0
6	☐	250.000	248.441	1653758.93	0.1709	P	0.2
7	☐	500.000	498.883	3335124.29	0.3433	P	0.8
8	☐	1000.000	1001.251	6607233.22	0.6889	A	1.3
9	☐			35712.29	0.0039	P	6.6

$$y = 6.8801\text{E-}004 * x + 1.5811\text{E-}005$$

$$R = 1.0000$$

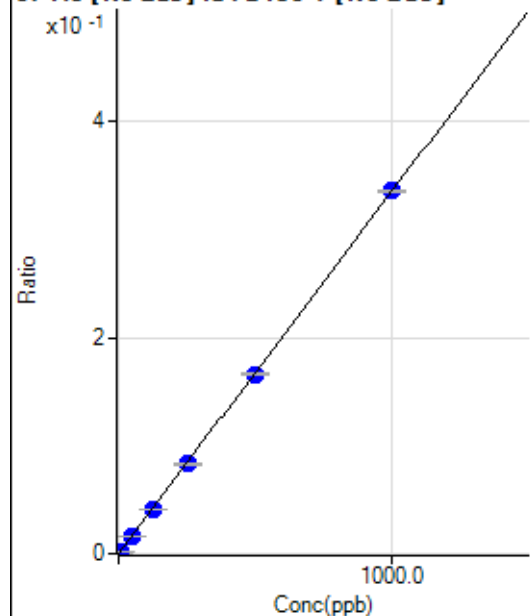
$$DL = 0.008017$$

$$BEC = 0.02298$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.22	0.0000	P	21.2
2	☐	0.500					
3	☐	5.000	4.523	14852.79	0.0015	P	2.0
4	☐	50.000	48.913	162743.81	0.0164	P	1.7
5	☐	125.000	122.554	398752.77	0.0410	P	1.2
6	☐	250.000	247.708	801880.83	0.0829	P	0.5
7	☐	500.000	496.018	1612575.50	0.1660	P	1.0
8	☐	1000.000	1002.926	3218704.63	0.3356	P	0.2
9	☐			18056.62	0.0020	P	9.4

$$y = 3.3458\text{E-}004 * x + 1.0053\text{E-}005$$

$$R = 1.0000$$

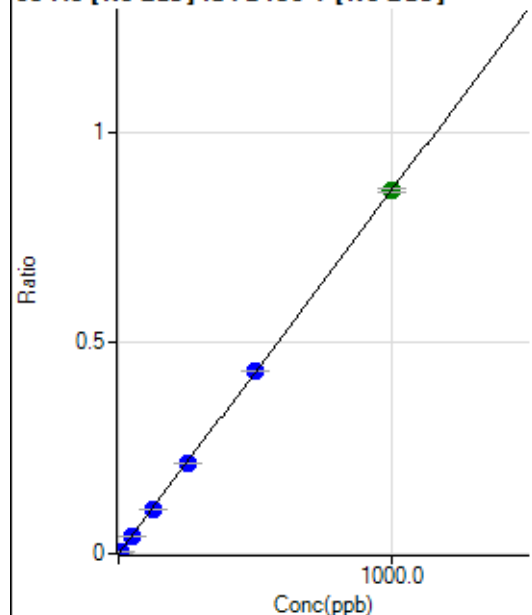
$$DL = 0.01913$$

$$BEC = 0.03005$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	16.2
2	☐	0.500					
3	☐	5.000	4.576	38614.31	0.0040	P	1.4
4	☐	50.000	48.610	416421.21	0.0419	P	0.8
5	☐	125.000	123.745	1036736.30	0.1066	P	0.8
6	☐	250.000	249.275	2077871.40	0.2148	P	0.3
7	☐	500.000	502.164	4203970.50	0.4327	P	0.6
8	☐	1000.000	999.328	8258273.62	0.8610	A	0.9
9	☐			44726.79	0.0049	P	7.0

$$y = 8.6157\text{E-}004 * x + 1.8388\text{E-}005$$

$$R = 1.0000$$

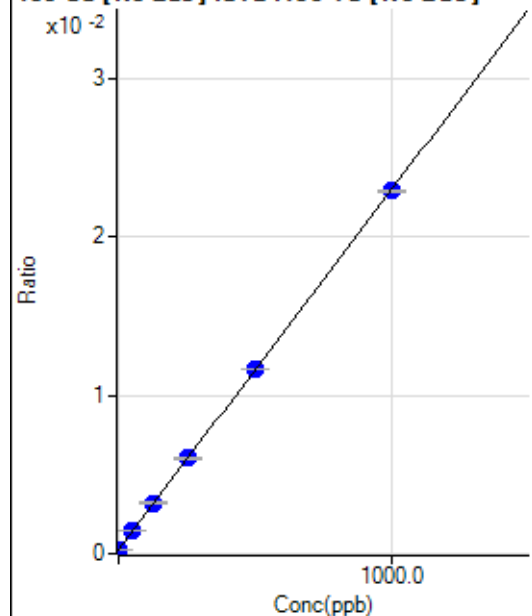
$$DL = 0.01034$$

$$BEC = 0.02134$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2917.11	0.0002	P	3.2
2	☐	0.100					
3	☐	1.000	0.265	3014.36	0.0003	P	5.5
4	☐	50.000	51.197	16991.30	0.0014	P	1.3
5	☐	125.000	130.074	37642.52	0.0032	P	1.1
6	☐	250.000	255.006	70908.70	0.0060	P	1.5
7	☐	500.000	502.959	136570.19	0.0117	P	0.5
8	☐	1000.000	996.576	266144.50	0.0229	P	0.8
9	☐			2600.36	0.0002	P	6.2

$$y = 2.2703\text{E-}005 * x + 2.4659\text{E-}004$$

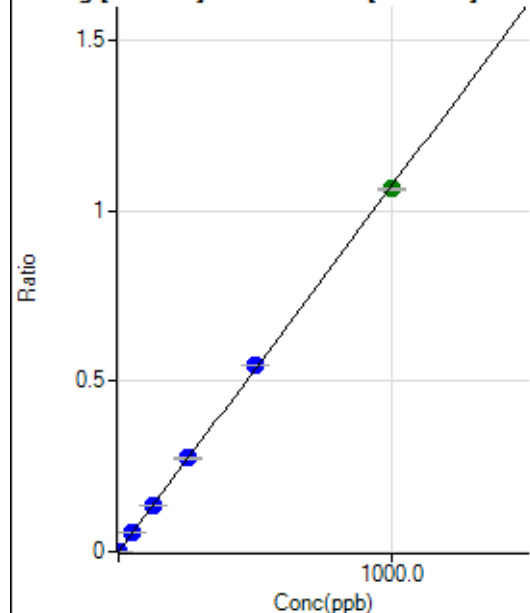
$$R = 1.0000$$

$$DL = 1.049$$

$$BEC = 10.86$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	0.602	7760.76	0.0007	P	2.0
4	☐	50.000	51.177	662514.79	0.0549	P	0.5
5	☐	125.000	127.574	1611020.67	0.1369	P	0.3
6	☐	250.000	255.869	3226432.86	0.2746	P	0.7
7	☐	500.000	510.689	6417247.89	0.5482	P	0.7
8	☐	1000.000	992.808	12400081.18	1.0656	A	0.8
9	☐			1391.80	0.0001	P	11.3

$$y = 0.0011 * x + 4.6943E-006$$

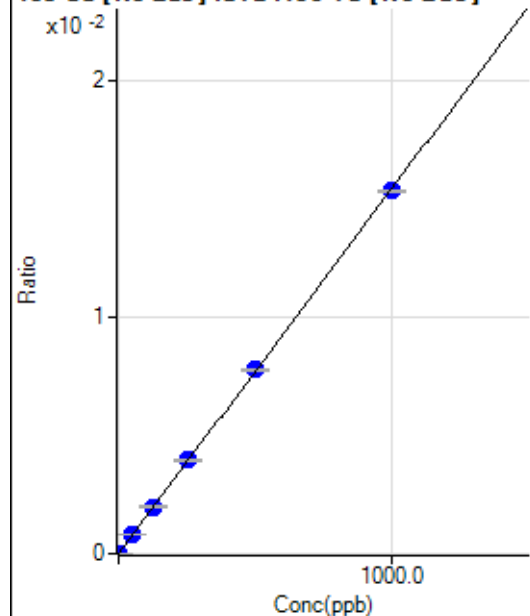
$$R = 0.9999$$

$$DL = 0.002203$$

$$BEC = 0.004373$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.06	0.0000	P	57.6
2	☐	0.100					
3	☐	1.000	0.836	172.23	0.0000	P	11.2
4	☐	50.000	51.450	9597.87	0.0008	P	0.6
5	☐	125.000	128.076	23280.51	0.0020	P	2.2
6	☐	250.000	255.978	46444.09	0.0040	P	1.0
7	☐	500.000	505.786	91433.75	0.0078	P	1.0
8	☐	1000.000	995.156	178792.60	0.0154	P	0.3
9	☐			37.50	0.0000	P	30.4

$$y = 1.5439E-005 * x + 1.5242E-006$$

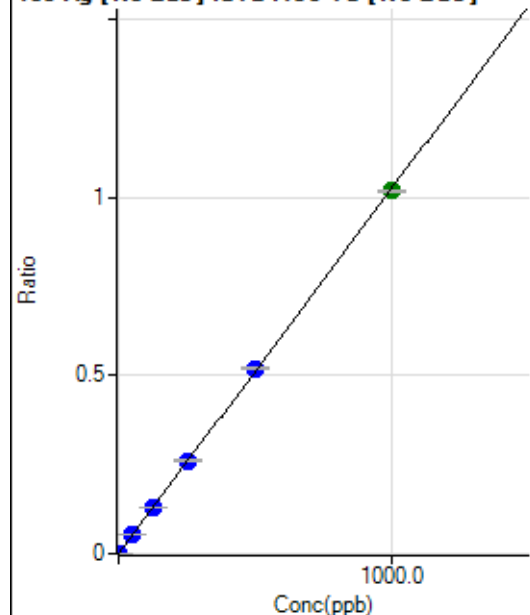
$$R = 1.0000$$

$$DL = 0.1707$$

$$BEC = 0.09872$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.3
2	☐	0.100					
3	☐	1.000	0.589	7218.81	0.0006	P	3.7
4	☐	50.000	50.891	628532.60	0.0521	P	0.4
5	☐	125.000	127.490	1535975.76	0.1306	P	0.3
6	☐	250.000	255.005	3067764.18	0.2611	P	1.0
7	☐	500.000	508.053	6090800.40	0.5203	P	0.7
8	☐	1000.000	994.367	11848819.10	1.0183	A	0.5
9	☐			1286.22	0.0001	P	3.1

$$y = 0.0010 * x + 2.3450E-006$$

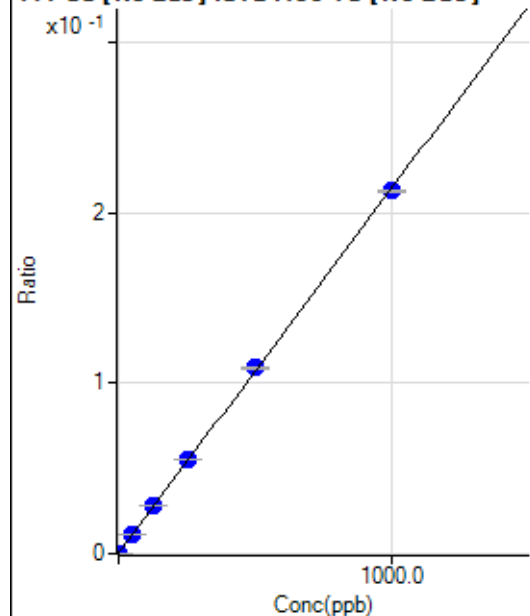
$$R = 0.9999$$

$$DL = 0.003113$$

$$BEC = 0.00229$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2058.50	0.0002	P	3.2
2	☐	0.100					
3	☐	1.000	0.930	4453.65	0.0004	P	5.1
4	☐	50.000	51.296	134648.38	0.0112	P	0.5
5	☐	125.000	128.802	326724.12	0.0278	P	0.6
6	☐	250.000	256.320	647224.74	0.0551	P	1.2
7	☐	500.000	509.018	1278850.18	0.1092	P	0.7
8	☐	1000.000	993.371	2478705.90	0.2130	P	0.8
9	☐			2099.57	0.0002	P	5.6

$$y = 2.1426E-004 * x + 1.7401E-004$$

$$R = 0.9999$$

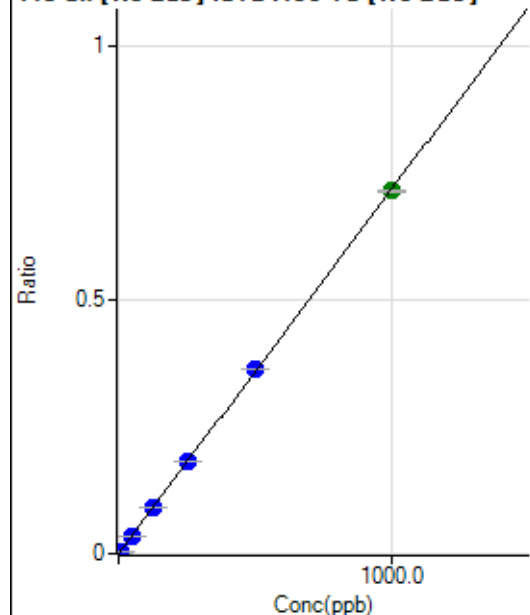
$$DL = 0.07844$$

$$BEC = 0.8121$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1247.34	0.0001	P	5.1
2	☐	0.500					
3	☐	5.000	4.717	41699.11	0.0035	P	0.9
4	☐	50.000	49.479	430014.25	0.0357	P	0.6
5	☐	125.000	125.727	1064012.98	0.0904	P	0.5
6	☐	250.000	252.323	2131079.06	0.1814	P	1.1
7	☐	500.000	506.798	4264217.50	0.3642	P	0.6
8	☐	1000.000	995.957	8328164.08	0.7157	A	0.6
9	☐			12080.67	0.0011	P	10.7

$$y = 7.1851\text{E-}004 * x + 1.0544\text{E-}004$$

$$R = 1.0000$$

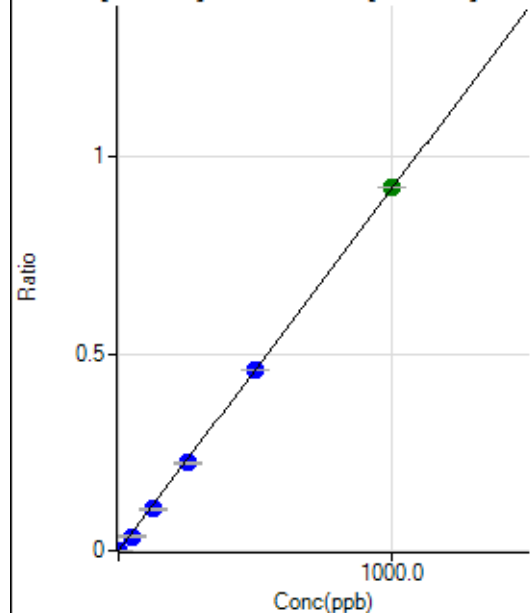
$$DL = 0.02247$$

$$BEC = 0.1467$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	6.5
2	☐	0.200					
3	☐	2.000	1.809	19900.96	0.0017	P	1.2
4	☐	50.000	39.598	438825.25	0.0364	P	1.6
5	☐	125.000	114.585	1238573.51	0.1053	P	1.4
6	☐	250.000	242.184	2614096.63	0.2225	P	0.6
7	☐	500.000	500.383	5382149.38	0.4597	P	0.6
8	☐	1000.000	1003.585	10728981.14	0.9221	A	0.2
9	☐			55033.83	0.0049	P	6.5

$$y = 9.1875\text{E-}004 * x + 6.1056\text{E-}006$$

$$R = 0.9999$$

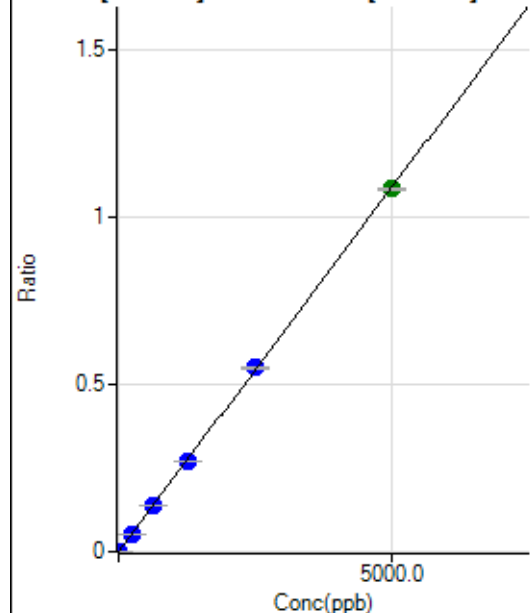
$$DL = 0.001303$$

$$BEC = 0.006646$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.3
2	☐	1.000					
3	☐	10.000	9.466	24656.07	0.0021	P	2.4
4	☐	250.000	246.580	647889.34	0.0537	P	0.7
5	☐	625.000	623.719	1598625.53	0.1359	P	0.4
6	☐	1250.000	1254.518	3210778.59	0.2733	P	0.1
7	☐	2500.000	2526.995	6444899.62	0.5505	P	1.0
8	☐	5000.000	4985.705	12638640.30	1.0862	A	0.5
9	☐			3872.95	0.0003	P	8.5

$$y = 2.1785\text{E-}004 * x + 4.2257\text{E-}006$$

$$R = 1.0000$$

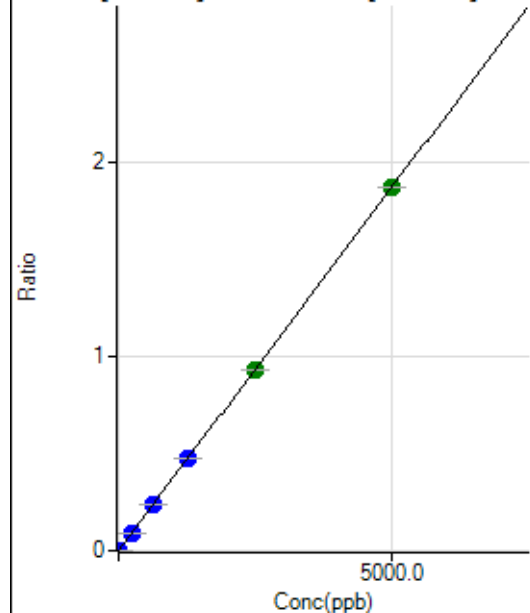
$$DL = 0.009472$$

$$BEC = 0.0194$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	31.3
2	☐	1.000					
3	☐	10.000	9.541	42691.51	0.0036	P	0.5
4	☐	250.000	249.613	1125906.46	0.0934	P	0.6
5	☐	625.000	634.878	2793405.57	0.2374	P	0.4
6	☐	1250.000	1280.083	5624072.69	0.4787	P	0.3
7	☐	2500.000	2487.286	10889995.73	0.9302	A	0.4
8	☐	5000.000	4997.622	21747873.23	1.8690	A	0.1
9	☐			6690.80	0.0006	P	5.1

$$y = 3.7398\text{E-}004 * x + 9.8656\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02475$$

$$BEC = 0.02638$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			6.67		P	173.
4	☐			26.67		P	90.1
5	☐			73.34		P	50.6
6	☐			151.12		P	17.8
7	☐			324.46		P	19.4
8	☐			526.70		P	7.9
9	☐			166.67		P	28.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			6.67		P	173.
5	☐			3.33		P	0.0
6	☐			17.78		P	47.2
7	☐			31.11		P	22.3
8	☐			64.44		P	15.8
9	☐			77.78		P	15.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			13.89		P	124.
4	☐			16.67		P	100.
5	☐			50.00		P	28.9
6	☐			63.89		P	39.8
7	☐			97.23		P	26.2
8	☐			197.23		P	37.9
9	☐			175.01		P	12.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			6.67		P	132.
4	☐			7.78		P	49.5
5	☐			8.89		P	43.3
6	☐			17.78		P	43.3
7	☐			21.11		P	65.7
8	☐			28.89		P	6.7
9	☐			68.89		P	22.9

160 Gd [No Gas] Noavailable calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	27.0
2	☐						
3	☐			66.67		P	76.0
4	☐			27.78		P	17.3
5	☐			72.22		P	6.7
6	☐			72.23		P	17.6
7	☐			91.67		P	15.7
8	☐			116.67		P	37.8
9	☐			127.79		P	16.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐						
3	☐			37.78		P	18.4
4	☐			28.89		P	37.1
5	☐			37.78		P	10.2
6	☐			32.22		P	51.0
7	☐			41.11		P	37.5
8	☐			62.22		P	8.2
9	☐			94.45		P	5.4

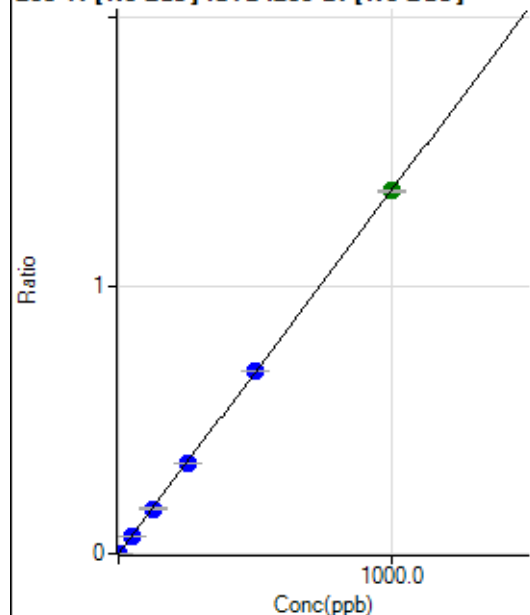
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	45.8
2	☐						
3	☐			55.56		P	45.8
4	☐			27.78		P	45.8
5	☐			41.67		P	34.6
6	☐			63.89		P	39.8
7	☐			55.56		P	22.9
8	☐			77.78		P	50.6
9	☐			91.67		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	43.3
2	☐						
3	☐			34.45		P	20.1
4	☐			17.78		P	10.8
5	☐			33.33		P	30.0
6	☐			27.78		P	30.2
7	☐			26.67		P	25.0
8	☐			45.55		P	15.2
9	☐			50.00		P	6.7

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	3.4
2	☐	0.100					
3	☐	1.000	0.926	9209.14	0.0013	P	1.9
4	☐	50.000	49.524	490268.08	0.0671	P	0.8
5	☐	125.000	124.156	1207273.90	0.1682	P	0.5
6	☐	250.000	249.288	2400939.94	0.3377	P	1.5
7	☐	500.000	502.432	4793658.79	0.6806	P	0.5
8	☐	1000.000	999.091	9515420.35	1.3535	A	0.7
9	☐			2344.78	0.0004	P	4.6

$$y = 0.0014 * x + 1.6711E-005$$

$$R = 1.0000$$

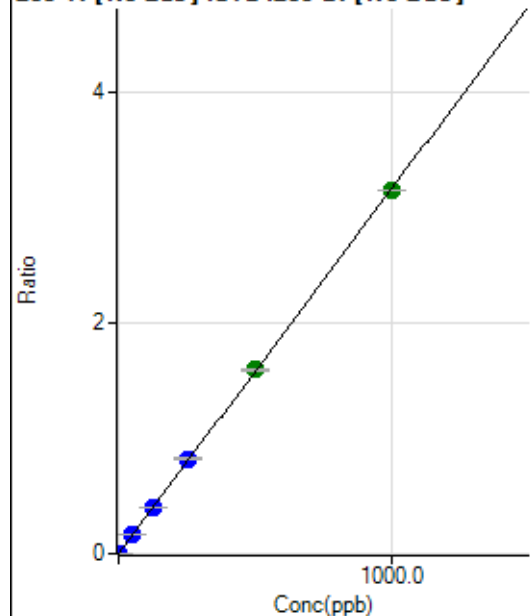
$$DL = 0.001263$$

$$BEC = 0.01234$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	0.965	22372.45	0.0031	P	0.7
4	☐	50.000	50.721	1171872.80	0.1604	P	1.3
5	☐	125.000	127.715	2898437.20	0.4038	P	0.4
6	☐	250.000	260.432	5854192.10	0.8235	P	1.6
7	☐	500.000	504.468	11233445.30	1.5950	A	0.7
8	☐	1000.000	994.783	22112858.48	3.1453	A	0.1
9	☐			5862.68	0.0009	P	2.4

$$y = 0.0032 * x + 3.7210E-005$$

$$R = 0.9999$$

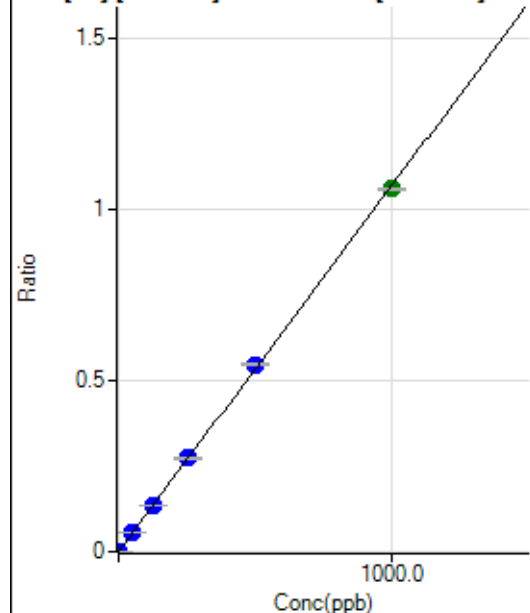
$$DL = 0.003903$$

$$BEC = 0.01177$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	837.09	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.988	8477.01	0.0012	P	2.4
4	☐	50.000	50.776	397252.07	0.0544	P	1.3
5	☐	125.000	126.452	970669.65	0.1352	P	1.1
6	☐	250.000	256.179	1947048.83	0.2739	P	1.2
7	☐	500.000	512.197	3855700.46	0.5475	P	0.4
8	☐	1000.000	992.136	7454802.89	1.0603	A	0.9
9	☐			15720.78	0.0025	P	1.9

$$y = 0.0011 * x + 1.1442E-004$$

$$R = 0.9999$$

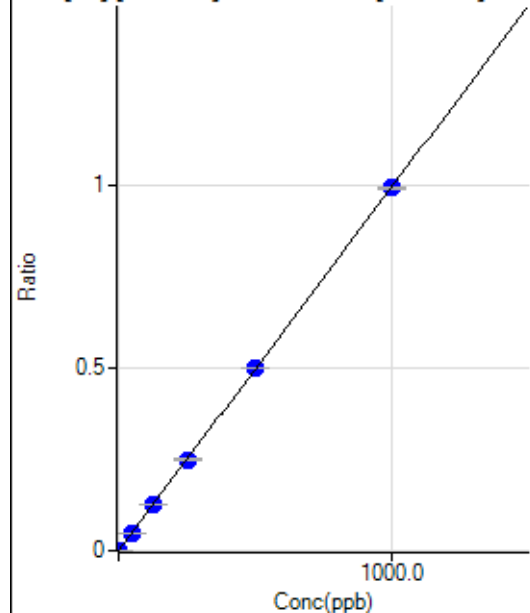
$$DL = 0.02501$$

$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.71	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.936	7515.31	0.0010	P	4.0
4	☐	50.000	49.530	361300.42	0.0495	P	0.8
5	☐	125.000	125.049	894979.07	0.1247	P	0.7
6	☐	250.000	250.750	1776926.74	0.2499	P	0.9
7	☐	500.000	502.652	3527897.25	0.5009	P	0.7
8	☐	1000.000	998.504	6995138.64	0.9950	P	0.3
9	☐			13985.51	0.0022	P	2.3

$$y = 9.9635E-004 * x + 1.0482E-004$$

$$R = 1.0000$$

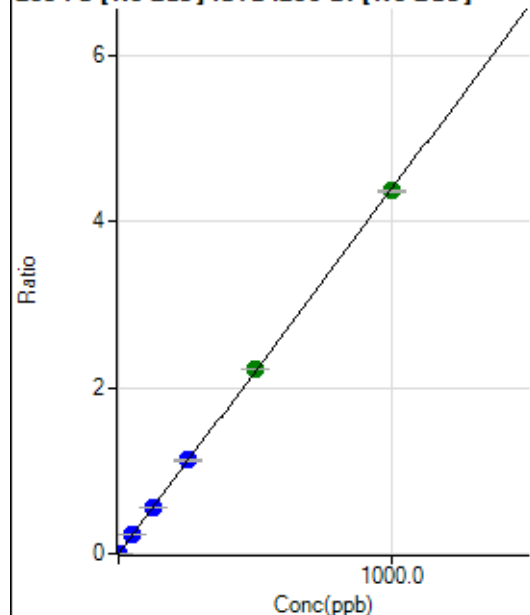
$$DL = 0.01412$$

$$BEC = 0.1052$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3416.95	0.0005	P	4.3
2	☐	0.100					
3	☐	1.000	0.970	34192.18	0.0047	P	1.7
4	☐	50.000	50.611	1625020.57	0.2224	P	0.7
5	☐	125.000	126.649	3989764.49	0.5559	P	0.7
6	☐	250.000	256.285	7993968.49	1.1244	P	0.7
7	☐	500.000	505.658	15621414.44	2.2181	A	0.5
8	☐	1000.000	995.363	30693041.66	4.3657	A	0.4
9	☐			62968.88	0.0099	P	4.0

$$y = 0.0044 * x + 4.6712E-004$$

$$R = 1.0000$$

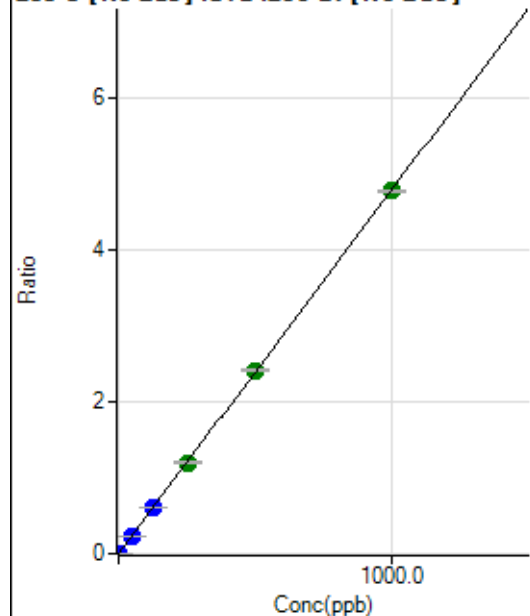
$$DL = 0.01368$$

$$BEC = 0.1065$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	558.38	0.0001	P	13.0
2	☐	0.100					
3	☐	1.000	0.957	33742.06	0.0047	P	1.1
4	☐	50.000	49.799	1742318.09	0.2385	P	0.9
5	☐	125.000	126.859	4359413.68	0.6074	P	0.5
6	☐	250.000	249.918	8506919.11	1.1965	A	1.3
7	☐	500.000	503.283	16969297.78	2.4095	A	1.2
8	☐	1000.000	998.157	33595851.79	4.7786	A	0.6
9	☐			6871.60	0.0011	P	1.2

$$y = 0.0048 * x + 7.6307E-005$$

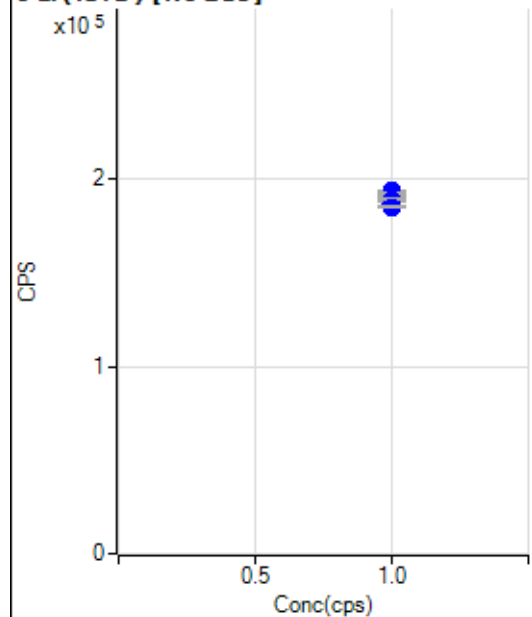
$$R = 1.0000$$

$$DL = 0.006237$$

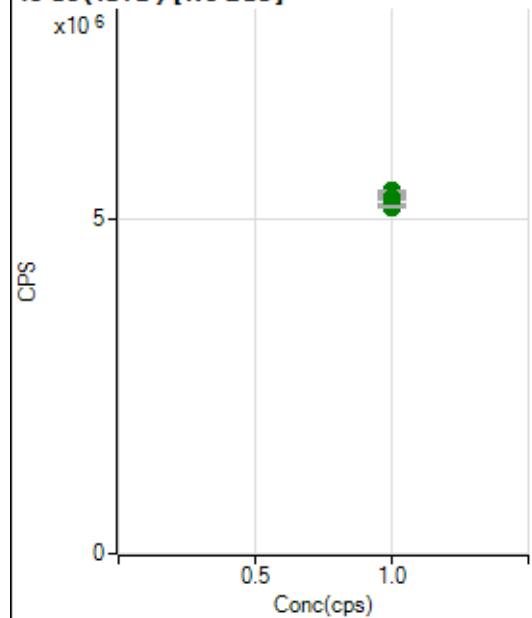
$$BEC = 0.01594$$

Weight: <None>

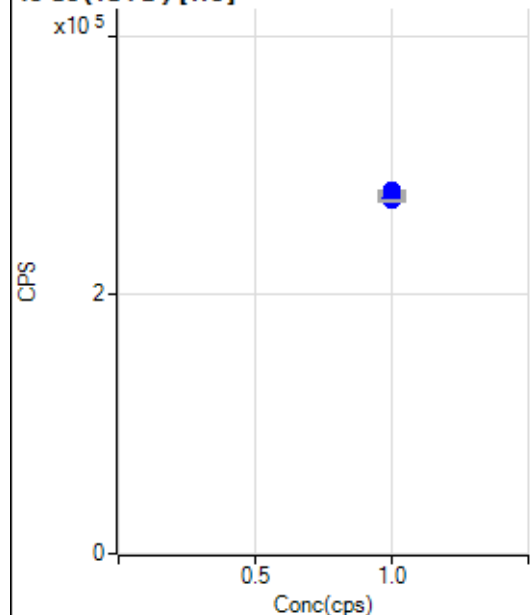
Min Conc: 0

6 Li (ISTD) [No Gas]

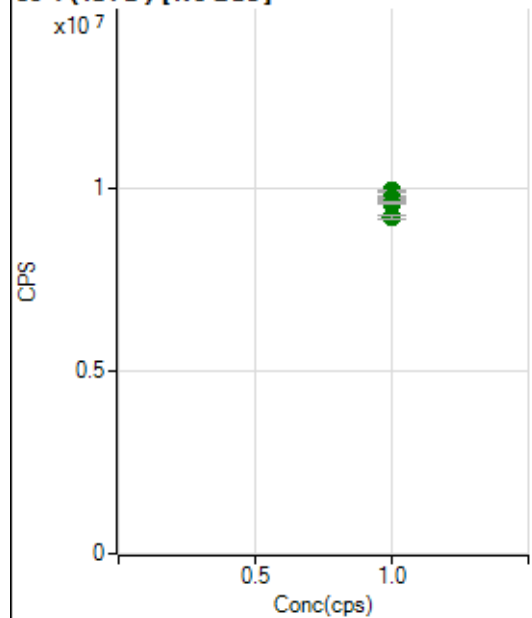
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		191968.94		P	0.9
2	☐	1.000					
3	☐	1.000		189312.72		P	0.5
4	☐	1.000		193596.39		P	0.3
5	☐	1.000		192313.62		P	0.6
6	☐	1.000		189210.01		P	0.3
7	☐	1.000		186817.02		P	1.1
8	☐	1.000		189167.81		P	0.4
9	☐	1.000		185196.69		P	1.0

45 Sc (ISTD) [No Gas]

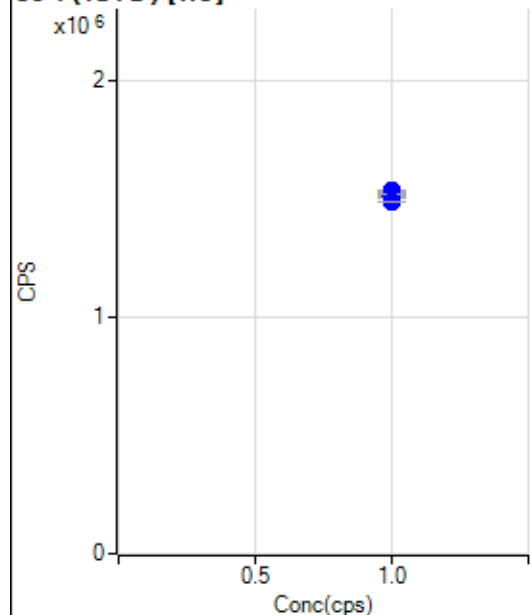
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5307833.71		A	0.6
2	☐	1.000					
3	☐	1.000		5374688.44		A	0.4
4	☐	1.000		5431576.99		A	0.7
5	☐	1.000		5331345.39		A	0.2
6	☐	1.000		5309466.00		A	0.3
7	☐	1.000		5298243.87		A	0.0
8	☐	1.000		5242113.31		A	0.3
9	☐	1.000		5188426.64		A	0.7

45 Sc (ISTD) [He]

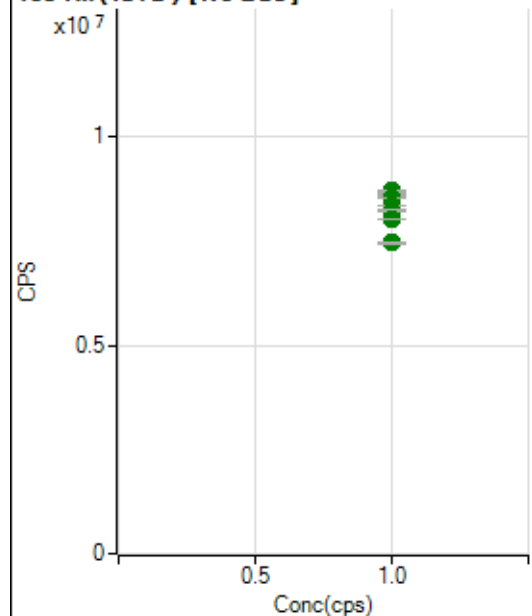
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		280135.45		P	0.5
2	☐	1.000					
3	☐	1.000		278958.86		P	0.6
4	☐	1.000		278438.86		P	0.9
5	☐	1.000		277144.87		P	0.5
6	☐	1.000		277050.08		P	1.9
7	☐	1.000		276008.65		P	0.9
8	☐	1.000		274377.75		P	0.9
9	☐	1.000		272791.20		P	0.6

89 Y (ISTD) [No Gas]

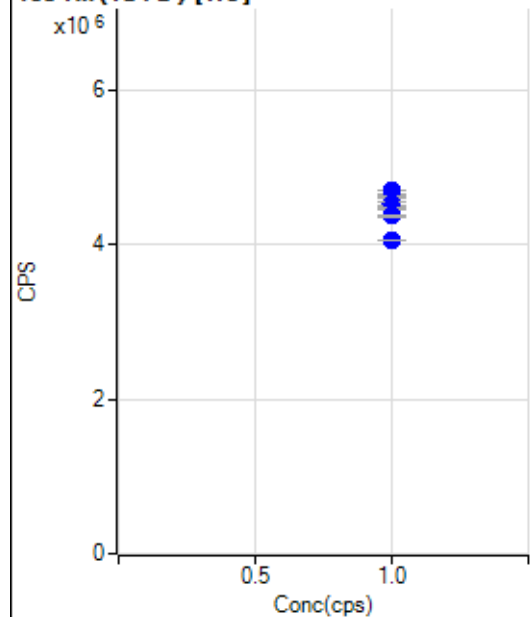
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9665197.15		A	0.6
2	☐	1.000					
3	☐	1.000		9748875.69		A	1.2
4	☐	1.000		9938998.53		A	0.7
5	☐	1.000		9722791.31		A	0.8
6	☐	1.000		9674215.69		A	0.3
7	☐	1.000		9716629.30		A	0.8
8	☐	1.000		9591665.48		A	0.6
9	☐	1.000		9220089.93		A	1.3

89 Y (ISTD) [He]

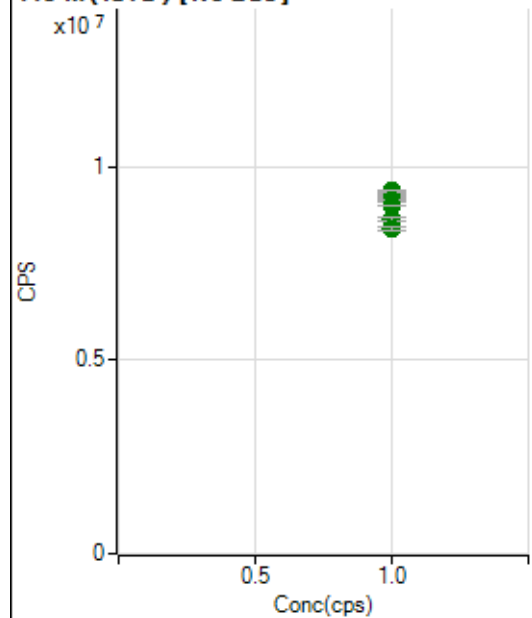
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1531222.27		P	0.3
2	☐	1.000					
3	☐	1.000		1531269.89		P	0.6
4	☐	1.000		1524351.82		P	1.0
5	☐	1.000		1529110.37		P	1.0
6	☐	1.000		1524357.08		P	1.0
7	☐	1.000		1514962.83		P	1.1
8	☐	1.000		1509274.53		P	0.7
9	☐	1.000		1487278.59		P	0.1

103 Rh (ISTD) [No Gas]

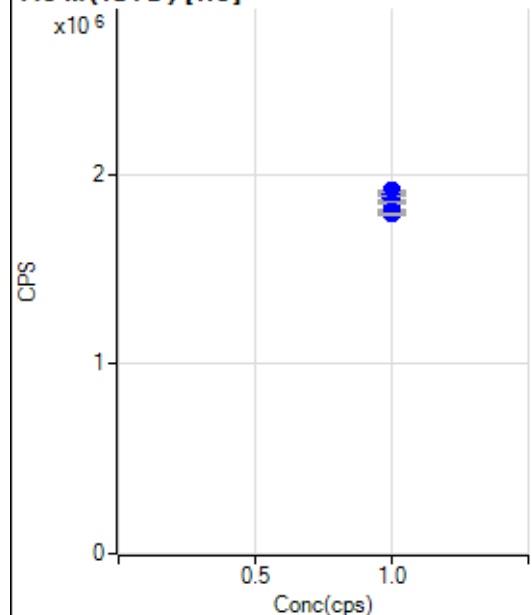
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8636588.30		A	0.6
2	☐	1.000					
3	☐	1.000		8566429.27		A	0.3
4	☐	1.000		8705815.39		A	0.2
5	☐	1.000		8535027.62		A	0.3
6	☐	1.000		8348747.41		A	0.3
7	☐	1.000		8234886.64		A	0.1
8	☐	1.000		8018625.44		A	0.2
9	☐	1.000		7465425.34		A	0.7

103 Rh (ISTD) [He]

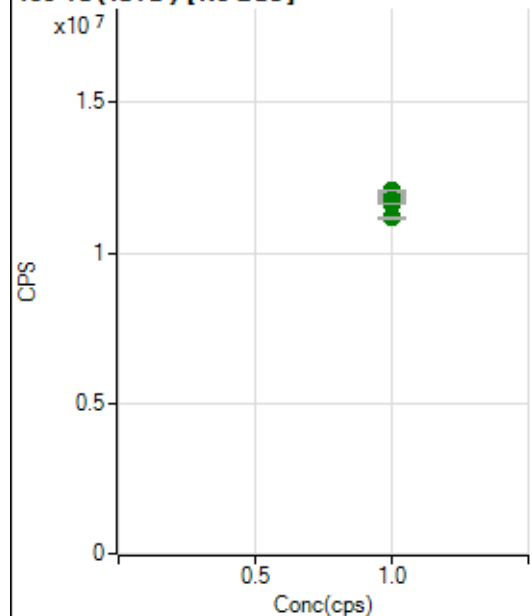
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4701432.08		P	0.1
2	☐	1.000					
3	☐	1.000		4649044.03		P	0.3
4	☐	1.000		4632770.21		P	1.3
5	☐	1.000		4611919.17		P	0.5
6	☐	1.000		4541725.70		P	1.0
7	☐	1.000		4473118.54		P	0.9
8	☐	1.000		4378263.62		P	0.5
9	☐	1.000		4067147.58		P	0.2

115 In (ISTD) [No Gas]

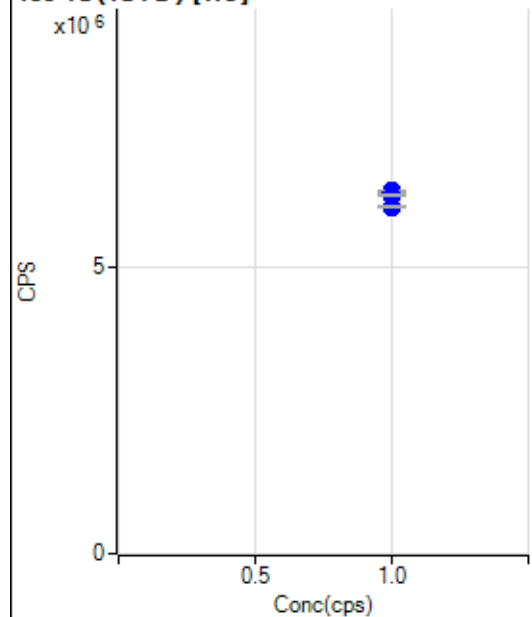
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9221763.15		A	0.5
2	☐	1.000					
3	☐	1.000		9254729.60		A	0.6
4	☐	1.000		9383047.71		A	0.7
5	☐	1.000		9161840.78		A	0.4
6	☐	1.000		9117302.76		A	0.6
7	☐	1.000		8993442.44		A	0.1
8	☐	1.000		8653948.19		A	0.9
9	☐	1.000		8400322.74		A	0.8

115 In (ISTD) [He]

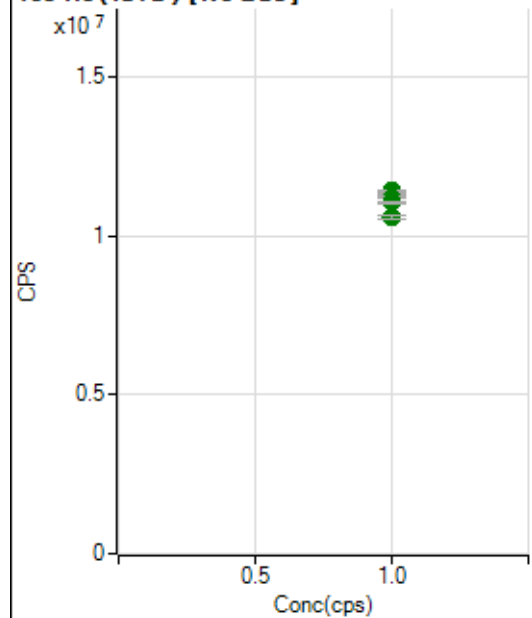
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1911272.55		P	0.2
2	☐	1.000					
3	☐	1.000		1901550.61		P	0.7
4	☐	1.000		1901834.98		P	1.3
5	☐	1.000		1895741.45		P	0.9
6	☐	1.000		1873161.50		P	1.1
7	☐	1.000		1848139.95		P	0.8
8	☐	1.000		1805194.31		P	0.5
9	☐	1.000		1790507.59		P	0.5

159 Tb (ISTD) [No Gas]

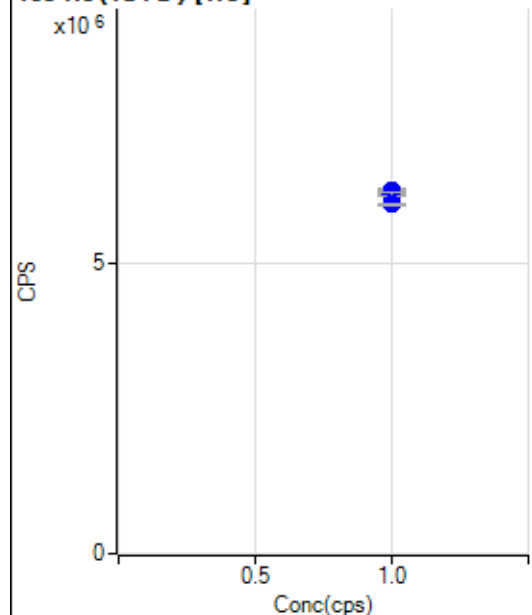
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11828459.13		A	0.5
2	☐	1.000					
3	☐	1.000		11932005.79		A	0.3
4	☐	1.000		12059945.79		A	0.3
5	☐	1.000		11764768.16		A	0.4
6	☐	1.000		11747909.54		A	0.4
7	☐	1.000		11707158.44		A	0.4
8	☐	1.000		11636004.41		A	0.4
9	☐	1.000		11158294.28		A	0.9

159 Tb (ISTD) [He]

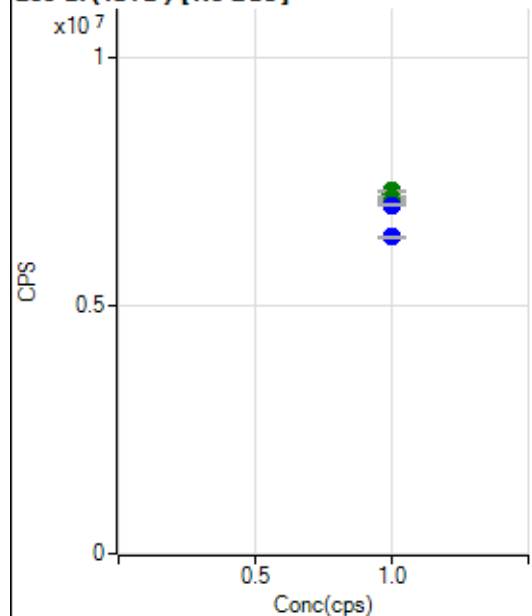
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6320539.90		P	0.3
2	☐	1.000					
3	☐	1.000		6253422.06		P	0.6
4	☐	1.000		6314875.74		P	0.9
5	☐	1.000		6304690.04		P	0.8
6	☐	1.000		6257791.09		P	0.4
7	☐	1.000		6297128.66		P	0.9
8	☐	1.000		6247943.94		P	0.6
9	☐	1.000		6046698.66		P	0.4

165 Ho (ISTD) [No Gas]

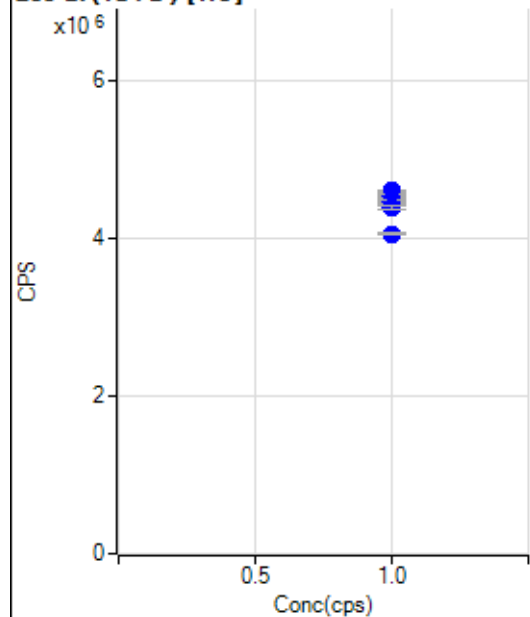
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11234089.32		A	0.8
2	☐	1.000					
3	☐	1.000		11286331.85		A	0.9
4	☐	1.000		11415042.18		A	0.5
5	☐	1.000		11204996.78		A	0.4
6	☐	1.000		11064288.96		A	0.3
7	☐	1.000		11053931.84		A	0.4
8	☐	1.000		11053320.99		A	0.6
9	☐	1.000		10604352.15		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6234277.48		P	0.3
2	☐	1.000					
3	☐	1.000		6177832.68		P	0.5
4	☐	1.000		6205703.03		P	0.6
5	☐	1.000		6238484.84		P	0.9
6	☐	1.000		6207361.85		P	1.2
7	☐	1.000		6228485.53		P	0.8
8	☐	1.000		6186321.09		P	1.1
9	☐	1.000		6007098.87		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7313563.36		A	0.6
2	☐	1.000					
3	☐	1.000		7245107.88		A	1.1
4	☐	1.000		7306108.29		A	0.7
5	☐	1.000		7177358.16		A	0.5
6	☐	1.000		7109452.11		A	0.4
7	☐	1.000		7042847.25		A	0.3
8	☐	1.000		7030516.63		P	0.2
9	☐	1.000		6381110.53		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4608172.15		P	0.3
2	☐	1.000					
3	☐	1.000		4545983.09		P	0.3
4	☐	1.000		4574375.46		P	0.9
5	☐	1.000		4542215.94		P	1.2
6	☐	1.000		4500423.86		P	0.8
7	☐	1.000		4472956.22		P	1.0
8	☐	1.000		4393447.12		P	0.8
9	☐	1.000		4064488.76		P	0.8