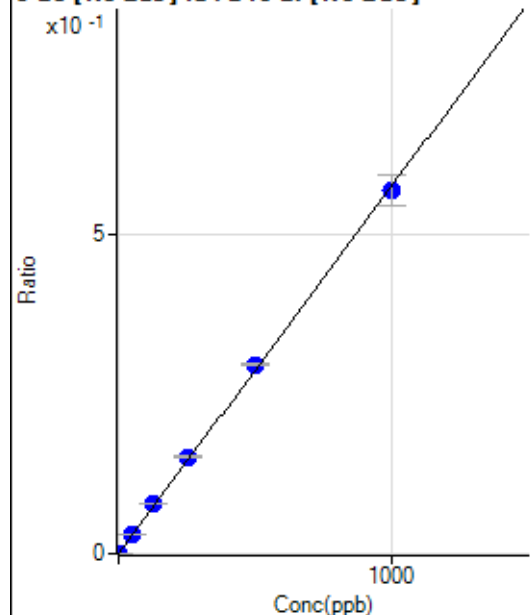


Batch Folder: D:\ICP-MS Data\P7033019-MS.b\
Analysis File: P7033019-MS.batch.bin
DA Date-Time: 2019-04-01 00:54:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-30 13:38:14
2			
3	005CALS.d	S02	2019-03-30 13:46:43
4	006CALS.d	S03	2019-03-30 13:50:39
5	007CALS.d	S04	2019-03-30 13:54:49
6	008CALS.d	S05	2019-03-30 13:58:38
7	009CALS.d	S06	2019-03-30 14:02:25
8	010CALS.d	S07	2019-03-30 14:06:10
9	011CALS.d	S08	2019-03-30 14:09:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.985	4620.78	0.0006	P	0.8
4	☐	50.000	53.335	242055.82	0.0307	P	0.5
5	☐	125.000	134.243	595173.33	0.0772	P	0.5
6	☐	250.000	264.236	1149960.77	0.1519	P	0.9
7	☐	500.000	514.574	2211527.00	0.2957	P	0.9
8	☐	1000.000	987.832	4235352.85	0.5677	P	8.4
9	☐			1030.05	0.0001	P	10.7

$$y = 5.7464\text{E-}004 * x + 1.4685\text{E-}005$$

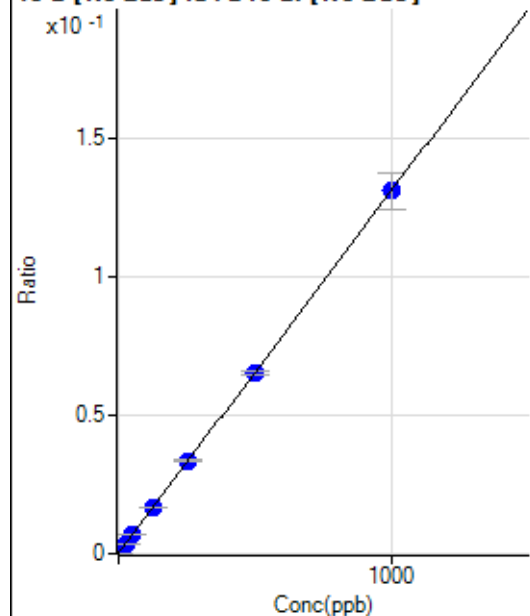
$$R = 0.9997$$

$$DL = 0.01205$$

$$BEC = 0.02556$$

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	894.50	0.0001	P	11.6
2	☐	2.500					
3	☐	25.000	23.357	25199.65	0.0032	P	2.4
4	☐	50.000	50.443	52980.25	0.0067	P	2.4
5	☐	125.000	126.373	128416.72	0.0166	P	1.2
6	☐	250.000	254.218	252728.42	0.0334	P	2.0
7	☐	500.000	499.149	489281.62	0.0654	P	2.5
8	☐	1000.000	999.218	975478.15	0.1309	P	10.2
9	☐			41199.23	0.0059	P	8.6

$$y = 1.3085\text{E-}004 * x + 1.1150\text{E-}004$$

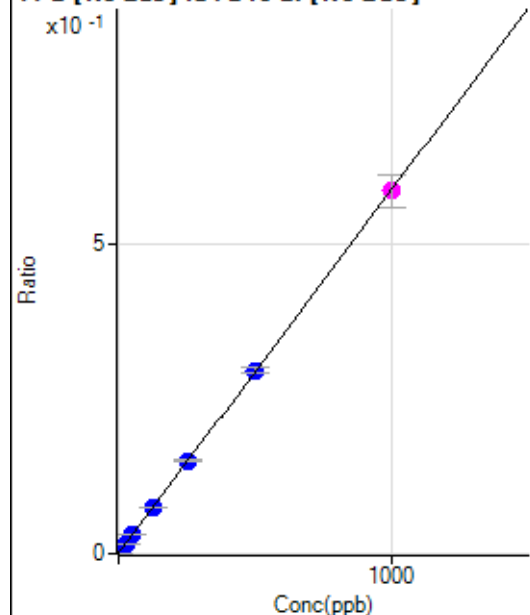
$$R = 1.0000$$

$$DL = 0.2966$$

$$BEC = 0.8522$$

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	4481.41	0.0006	P	2.1
2	☐	2.500					
3	☐	25.000	23.564	114752.52	0.0144	P	1.6
4	☐	50.000	50.511	239028.79	0.0303	P	1.8
5	☐	125.000	127.154	581477.91	0.0754	P	1.3
6	☐	250.000	254.521	1138252.88	0.1503	P	2.8
7	☐	500.000	502.931	2217379.17	0.2965	P	2.9
8	☐	1000.000	997.145	4381095.15	0.5873	M	8.8
9	☐			188727.02	0.0272	P	9.1

$$y = 5.8843\text{E-}004 * x + 5.5868\text{E-}004$$

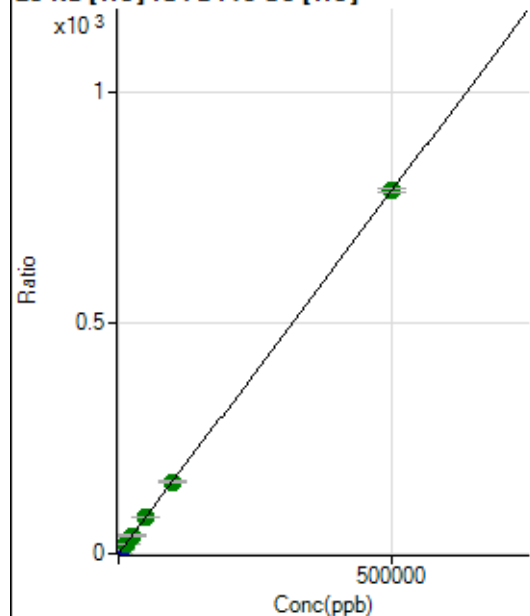
$$R = 1.0000$$

$$DL = 0.05851$$

$$BEC = 0.9494$$

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	13106.23	0.0277	P	0.8
2	☐	50.000					
3	☐	500.000	490.972	376733.77	0.7987	P	2.2
4	☐	5000.000	5164.450	3917224.74	8.1373	P	0.4
5	☐	12500.000	12955.090	9569835.54	20.3708	A	1.2
6	☐	25000.000	25110.266	18331460.65	39.4579	A	1.1
7	☐	50000.000	50166.697	37092234.16	78.8036	A	1.3
8	☐	100000.00	98914.641	73829846.79	155.3516	A	1.1
9	☐	500000.00	500181.87	361677605.3	785.4545	A	1.1

$$y = 0.0016 * x + 0.0277$$

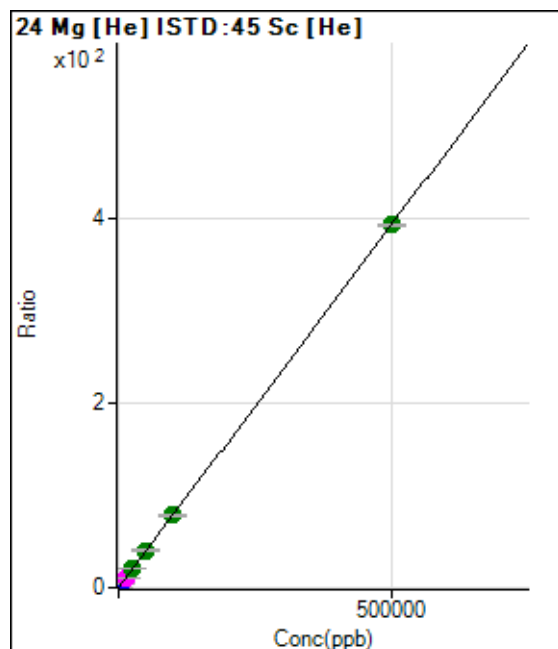
$$R = 1.0000$$

$$DL = 0.4375$$

$$BEC = 17.63$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0003	P	20.0
2	☐	50.000					
3	☐	500.000	517.165	191908.94	0.4068	P	1.0
4	☐	5000.000	5389.949	2039530.60	4.2368	P	0.1
5	☐	12500.000	13361.416	4933780.71	10.5023	M	0.9
6	☐	25000.000	25686.637	9380772.26	20.1899	A	0.5
7	☐	50000.000	51408.775	19019509.97	40.4074	A	1.3
8	☐	100000.00	100015.18	37357933.47	78.6118	A	1.8
9	☐	500000.00	499796.30	180905758.2	392.8383	A	0.6

$$y = 7.8600\text{E-}004 * x + 2.8771\text{E-}004$$

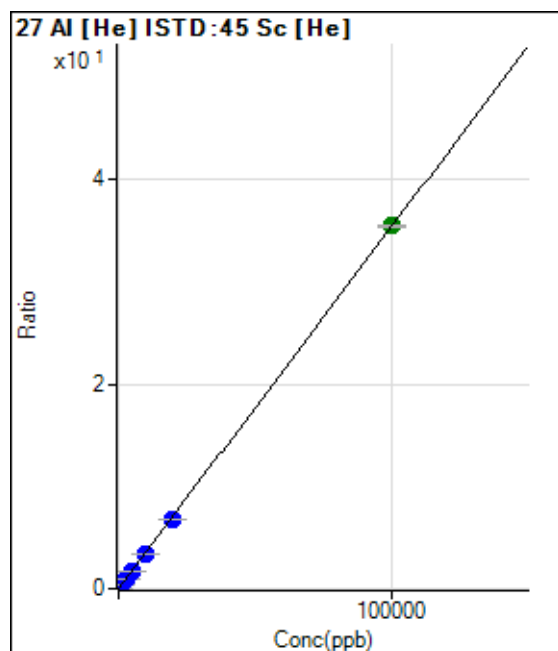
$$R = 1.0000$$

$$DL = 0.2202$$

$$BEC = 0.366$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0001	P	33.4
2	☐	2.000					
3	☐	20.000	17.848	3031.00	0.0064	P	4.8
4	☐	1000.000	1002.482	170959.47	0.3551	P	1.6
5	☐	2500.000	2506.734	417102.80	0.8879	P	0.2
6	☐	5000.000	4849.034	797873.03	1.7174	P	1.2
7	☐	10000.000	9648.472	1608446.37	3.4171	P	0.9
8	☐	20000.000	19088.383	3212992.43	6.7603	P	0.5
9	☐	100000.00	100224.83	16345792.38	35.4949	A	0.2

$$y = 3.5415\text{E-}004 * x + 1.0561\text{E-}004$$

$$R = 1.0000$$

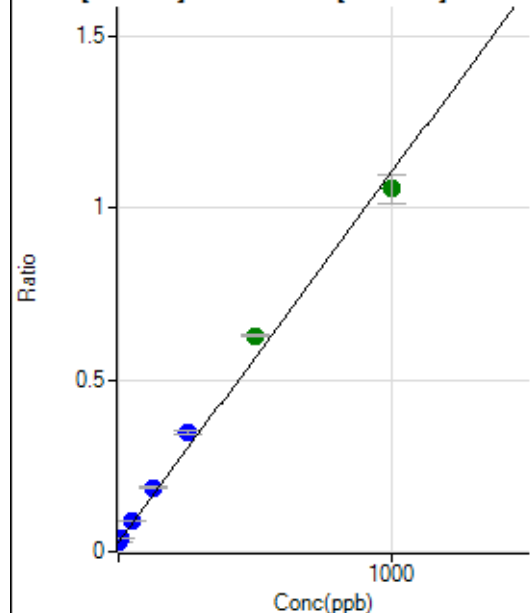
$$DL = 0.2984$$

$$BEC = 0.2982$$

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	295055.63	0.0273	P	0.4
2	☐	1.000					
3	☐	10.000	8.748	388395.19	0.0367	P	0.4
4	☐	50.000	57.455	940373.55	0.0891	P	2.4
5	☐	125.000	146.665	1926812.78	0.1851	P	2.6
6	☐	250.000	297.056	3554135.54	0.3470	P	2.7
7	☐	500.000	559.382	6525133.13	0.6293	A	1.1
8	☐	1000.000	955.477	11053321.95	1.0557	A	8.0
9	☐			683387.28	0.0699	P	1.7

$$y = 0.0011 * x + 0.0273$$

$$R = 0.9958$$

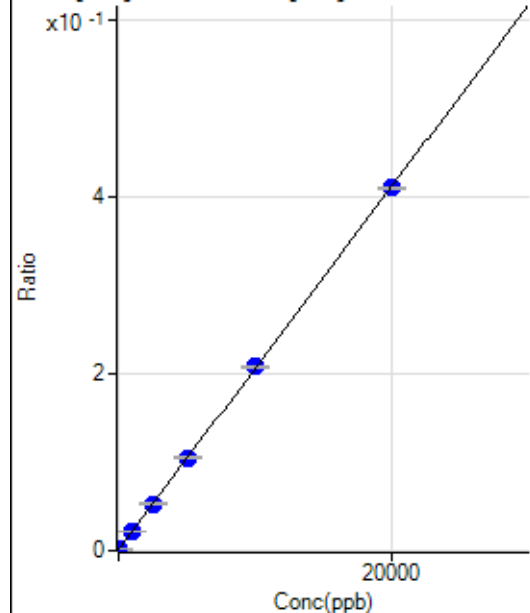
$$DL = 0.3412$$

$$BEC = 25.32$$

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	-30.475	305.57	0.0006	P	21.2
2	☐	0.000					
3	☐	0.000	30.475	894.51	0.0019	P	11.3
4	☐	1000.000	1009.594	10584.72	0.0220	P	7.1
5	☐	2500.000	2521.817	24913.18	0.0530	P	2.7
6	☐	5000.000	5061.874	48856.74	0.1052	P	1.9
7	☐	10000.000	10088.818	98074.37	0.2083	P	0.9
8	☐	20000.000	19936.916	195094.48	0.4105	P	0.7
9	☐			386.13	0.0008	P	7.6

$$y = 2.0525E-005 * x + 0.0013$$

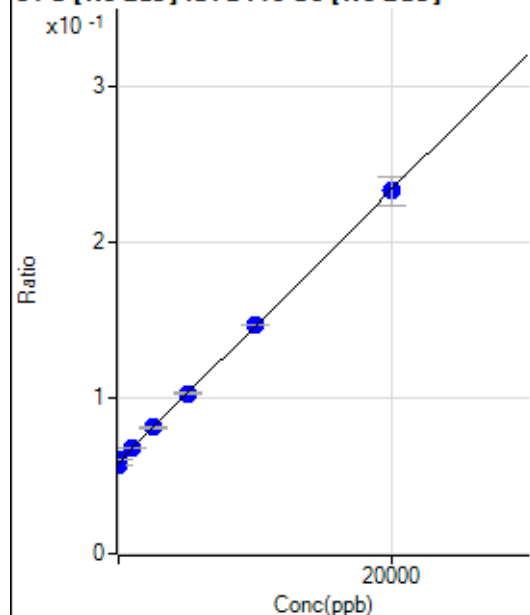
$$R = 1.0000$$

$$DL = 25.71$$

$$BEC = 61.96$$

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	-199.182	615326.83	0.0568	P	0.6
2	☐	0.000					
3	☐	0.000	199.182	638893.49	0.0603	P	0.3
4	☐	1000.000	1033.855	713685.69	0.0676	P	0.7
5	☐	2500.000	2548.223	841550.60	0.0809	P	0.8
6	☐	5000.000	5070.296	1054177.45	0.1029	P	1.1
7	☐	10000.000	10101.329	1522976.46	0.1469	P	0.2
8	☐	20000.000	19924.041	2437278.53	0.2328	P	8.0
9	☐			566841.37	0.0580	P	1.5

$$y = 8.7431\text{E-}006 * x + 0.0586$$

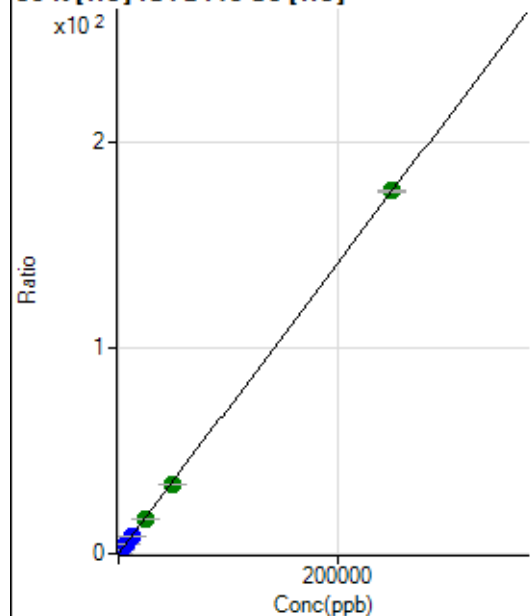
$$R = 0.9998$$

$$DL = 81.77$$

$$BEC = 6700$$

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	20545.44	0.0434	P	1.2
2	☐	50.000					
3	☐	500.000	460.091	173164.72	0.3671	P	1.4
4	☐	2500.000	2456.810	852873.30	1.7717	P	0.3
5	☐	6250.000	6136.928	2048506.58	4.3606	P	0.7
6	☐	12500.000	12039.602	3956196.49	8.5129	P	1.1
7	☐	25000.000	23745.750	7883390.54	16.7479	A	0.5
8	☐	50000.000	47297.169	15834230.74	33.3157	A	0.3
9	☐	250000.00	250692.35	81227368.48	176.3987	A	0.6

$$y = 7.0347\text{E-}004 * x + 0.0434$$

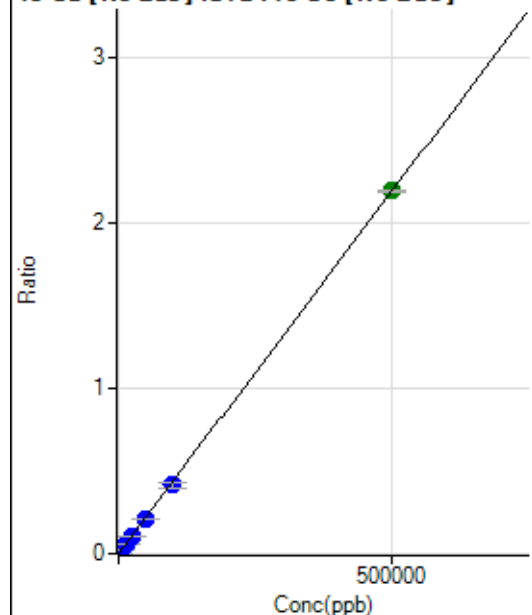
$$R = 0.9999$$

$$DL = 2.142$$

$$BEC = 61.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.13	0.0000	P	26.5
2	☐	50.000					
3	☐	500.000	457.606	21474.62	0.0020	P	0.5
4	☐	5000.000	4927.419	228185.16	0.0216	P	0.5
5	☐	12500.000	12528.613	571781.47	0.0549	P	0.7
6	☐	25000.000	24665.780	1107730.90	0.1081	P	1.3
7	☐	50000.000	48629.477	2210033.54	0.2132	P	0.7
8	☐	100000.00	94861.513	4351889.46	0.4158	P	8.9
9	☐	500000.00	501181.51	21476671.83	2.1966	A	0.7

$$y = 4.3829\text{E-}006 * x + 2.1809\text{E-}005$$

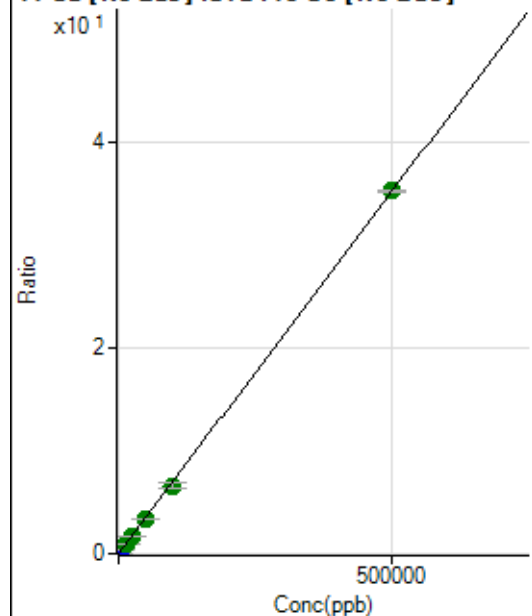
$$R = 0.9999$$

$$DL = 3.952$$

$$BEC = 4.976$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13965.51	0.0013	P	5.1
2	☐	50.000					
3	☐	500.000	454.197	352402.63	0.0333	P	0.5
4	☐	5000.000	4918.014	3668614.14	0.3476	P	1.2
5	☐	12500.000	12119.009	8894681.45	0.8546	A	1.0
6	☐	25000.000	24013.544	17335463.06	1.6921	A	0.5
7	☐	50000.000	47770.662	34885921.96	3.3649	A	0.8
8	☐	100000.00	93342.522	68826558.48	6.5736	A	8.1
9	☐	500000.00	501614.14	345338093.8	35.3203	A	0.4

$$y = 7.0411\text{E-}005 * x + 0.0013$$

$$R = 0.9999$$

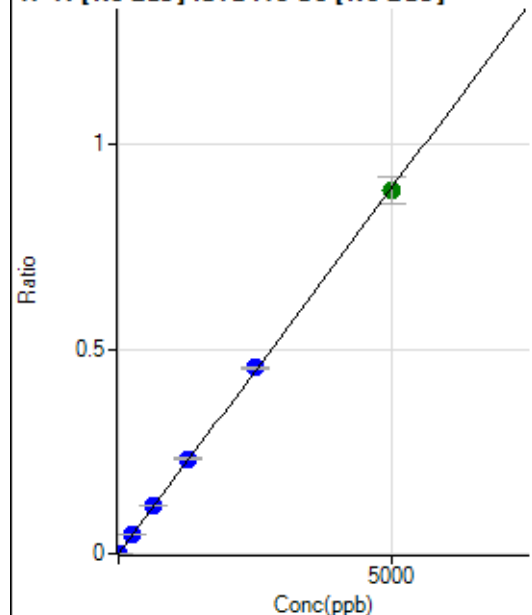
$$DL = 2.822$$

$$BEC = 18.32$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	8.6
2	☐	0.500					
3	☐	5.000	5.021	9742.48	0.0009	P	5.0
4	☐	250.000	260.774	492072.05	0.0466	P	0.7
5	☐	625.000	653.164	1214962.70	0.1167	P	1.1
6	☐	1250.000	1295.894	2372298.03	0.2316	P	1.3
7	☐	2500.000	2541.203	4708020.46	0.4541	P	0.5
8	☐	5000.000	4963.866	9290102.73	0.8870	A	7.4
9	☐			4970.51	0.0005	P	4.2

$$y = 1.7869E-004 * x + 2.2579E-005$$

$$R = 0.9999$$

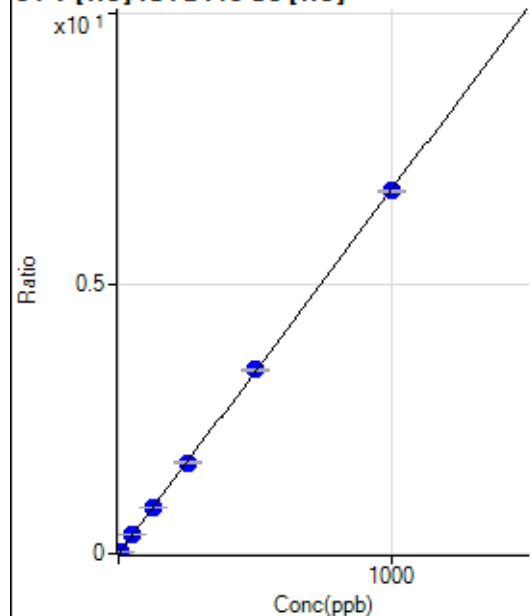
$$DL = 0.03264$$

$$BEC = 0.1264$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.028	16011.10	0.0339	P	1.0
4	☐	50.000	51.065	165902.20	0.3446	P	0.7
5	☐	125.000	128.394	407063.78	0.8665	P	0.3
6	☐	250.000	250.742	786188.90	1.6922	P	0.9
7	☐	500.000	505.596	1606183.52	3.4121	P	0.9
8	☐	1000.000	996.539	3196285.65	6.7254	P	0.8
9	☐			758.92	0.0017	P	14.2

$$y = 0.0067 * x + 4.6800E-006$$

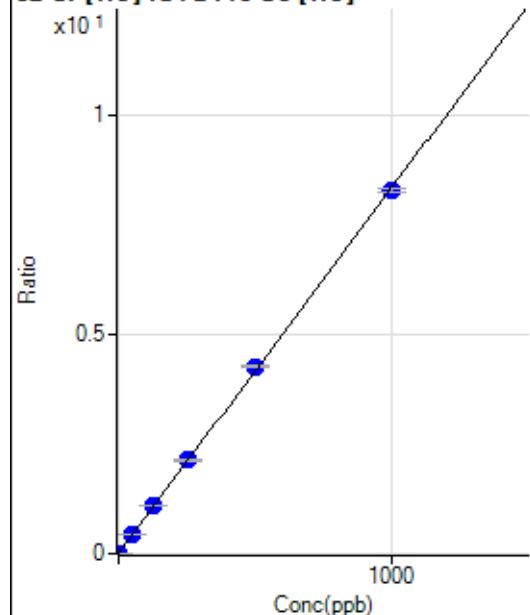
$$R = 1.0000$$

$$DL = 0.001802$$

$$BEC = 0.0006935$$

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	2109.07	0.0045	P	1.5
2	☐	0.200					
3	☐	2.000	1.960	9793.39	0.0208	P	3.2
4	☐	50.000	52.490	212416.13	0.4413	P	0.4
5	☐	125.000	131.276	515296.00	1.0969	P	0.9
6	☐	250.000	255.149	988602.37	2.1277	P	0.4
7	☐	500.000	511.154	2004296.95	4.2581	P	1.3
8	☐	1000.000	992.227	3926167.44	8.2615	P	1.1
9	☐			27463.56	0.0596	P	1.3

$$y = 0.0083 * x + 0.0045$$

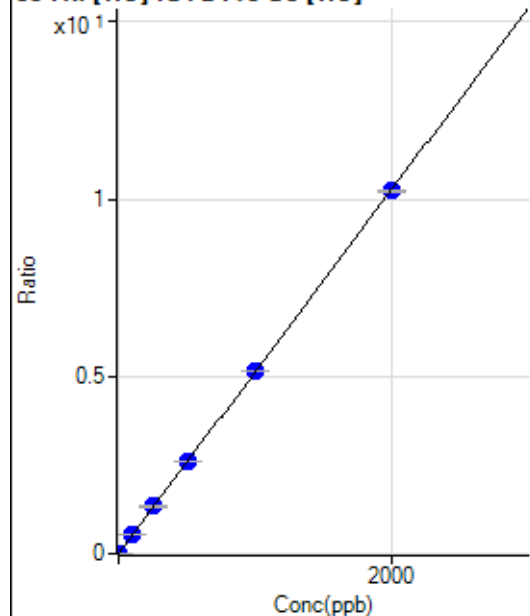
$$R = 0.9999$$

$$DL = 0.02395$$

$$BEC = 0.5355$$

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	132.23	0.0003	P	3.9
2	☐	0.100					
3	☐	1.000	1.052	2678.06	0.0057	P	2.5
4	☐	100.000	103.660	256175.59	0.5322	P	0.4
5	☐	250.000	259.126	624740.20	1.3299	P	0.7
6	☐	500.000	506.426	1207414.11	2.5988	P	0.9
7	☐	1000.000	1006.029	2430021.53	5.1623	P	0.7
8	☐	2000.000	1994.055	4862868.64	10.2319	P	0.7
9	☐			19831.34	0.0431	P	0.7

$$y = 0.0051 * x + 2.7937E-004$$

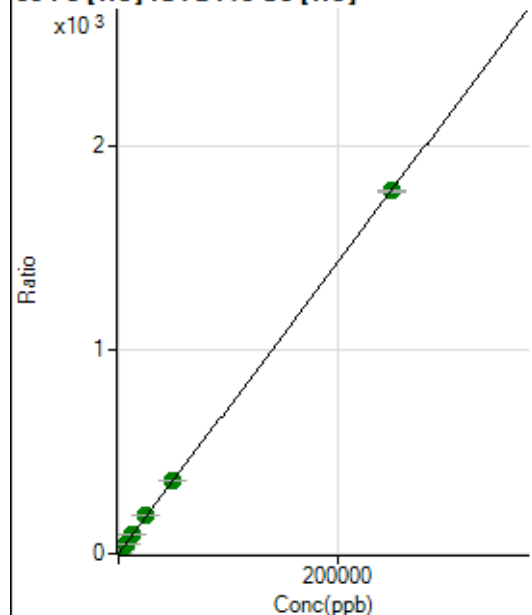
$$R = 1.0000$$

$$DL = 0.006381$$

$$BEC = 0.05445$$

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	7654.03	0.0162	P	0.6
2	☐	5.000					
3	☐	50.000	53.277	186837.89	0.3961	P	1.5
4	☐	2500.000	2678.278	9201023.59	19.1135	A	0.7
5	☐	6250.000	6698.530	22445787.54	47.7797	A	0.6
6	☐	12500.000	13000.669	43080256.98	92.7167	A	0.3
7	☐	25000.000	26026.712	87362719.55	185.5982	A	0.5
8	☐	50000.000	50409.898	170839642.7	359.4612	A	0.5
9	☐	250000.00	249777.31	820123847.9	1,781.039	A	0.8

$$y = 0.0071 * x + 0.0162$$

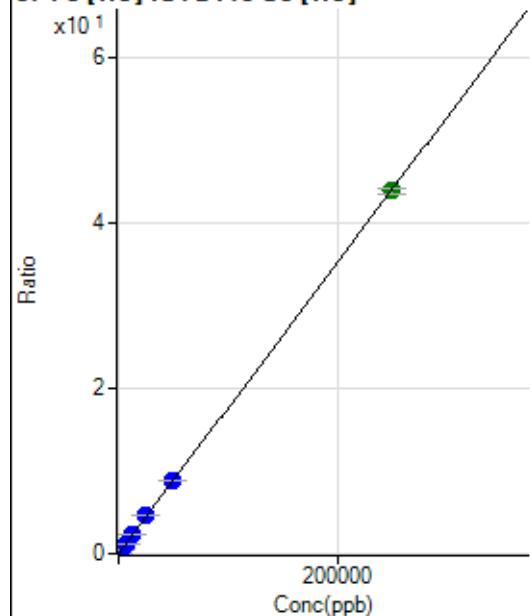
$$R = 1.0000$$

$$DL = 0.04391$$

$$BEC = 2.268$$

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	192.60	0.0004	P	24.3
2	☐	5.000					
3	☐	50.000	53.303	4613.81	0.0098	P	3.5
4	☐	2500.000	2688.790	227730.68	0.4731	P	0.8
5	☐	6250.000	6736.169	556496.10	1.1846	P	0.7
6	☐	12500.000	12995.558	1061579.77	2.2850	P	0.9
7	☐	25000.000	26055.197	2156202.59	4.5808	P	0.6
8	☐	50000.000	50706.992	4236709.59	8.9144	P	0.8
9	☐	250000.00	249714.26	20213214.57	43.8988	A	1.3

$$y = 1.7579E-004 * x + 4.0653E-004$$

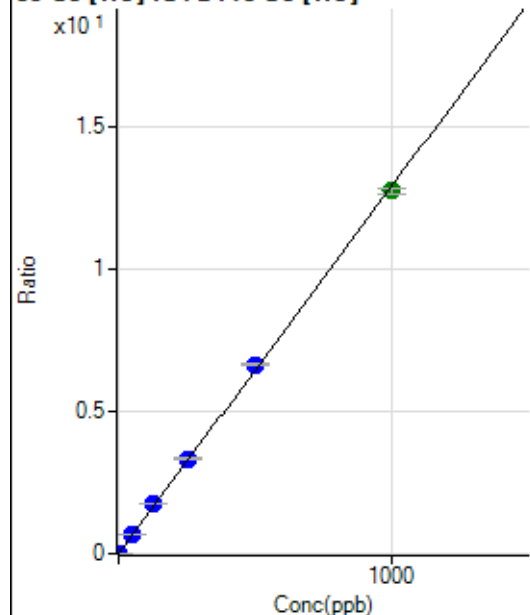
$$R = 1.0000$$

$$DL = 1.683$$

$$BEC = 2.313$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0004	P	10.8
2	☐	0.100					
3	☐	1.000	1.024	6423.73	0.0136	P	2.8
4	☐	50.000	54.436	337932.38	0.7020	P	1.6
5	☐	125.000	135.521	820732.28	1.7471	P	0.5
6	☐	250.000	259.244	1552435.34	3.3417	P	1.3
7	☐	500.000	515.764	3129201.24	6.6478	P	1.1
8	☐	1000.000	988.270	6053426.51	12.7376	A	1.3
9	☐			69270.61	0.1504	P	0.6

$$y = 0.0129 * x + 4.1565E-004$$

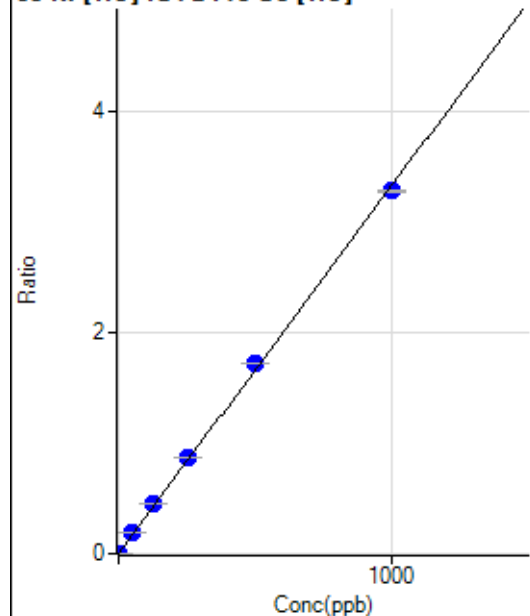
$$R = 0.9997$$

$$DL = 0.0104$$

$$BEC = 0.03225$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0002	P	20.1
2	☐	0.100					
3	☐	1.000	1.020	1705.68	0.0036	P	2.6
4	☐	50.000	55.306	88561.19	0.1840	P	0.2
5	☐	125.000	135.273	211231.28	0.4496	P	0.3
6	☐	250.000	261.195	403245.30	0.8680	P	1.3
7	☐	500.000	518.120	810354.82	1.7216	P	0.8
8	☐	1000.000	986.592	1557878.43	3.2780	P	0.6
9	☐			17858.86	0.0388	P	1.4

$$y = 0.0033 * x + 2.2756E-004$$

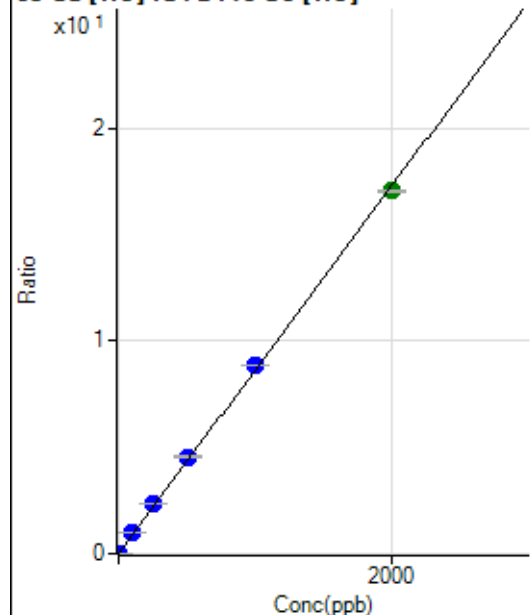
$$R = 0.9997$$

$$DL = 0.04134$$

$$BEC = 0.0685$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	628.91	0.0013	P	5.9
2	☐	0.200					
3	☐	2.000	2.030	8893.96	0.0189	P	1.1
4	☐	100.000	111.469	463911.59	0.9637	P	1.0
5	☐	250.000	275.602	1118458.83	2.3808	P	0.5
6	☐	500.000	528.286	2119653.72	4.5624	P	1.3
7	☐	1000.000	1028.577	4180812.82	8.8818	P	0.2
8	☐	2000.000	1974.866	8103996.83	17.0519	A	0.8
9	☐			12135.21	0.0264	P	1.2

$$y = 0.0086 * x + 0.0013$$

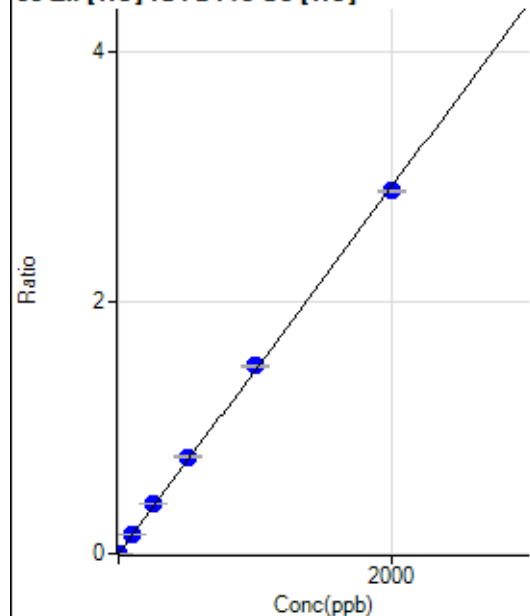
$$R = 0.9997$$

$$DL = 0.02707$$

$$BEC = 0.1539$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.11	0.0004	P	8.0
2	☐	0.200					
3	☐	2.000	2.230	1727.91	0.0037	P	4.3
4	☐	100.000	109.073	76881.75	0.1597	P	0.5
5	☐	250.000	272.251	186987.70	0.3980	P	0.2
6	☐	500.000	526.952	357754.24	0.7700	P	0.9
7	☐	1000.000	1023.719	703980.26	1.4956	P	0.4
8	☐	2000.000	1978.167	1373349.34	2.8896	P	0.5
9	☐			7798.86	0.0169	P	2.2

$$y = 0.0015 * x + 4.0365E-004$$

$$R = 0.9998$$

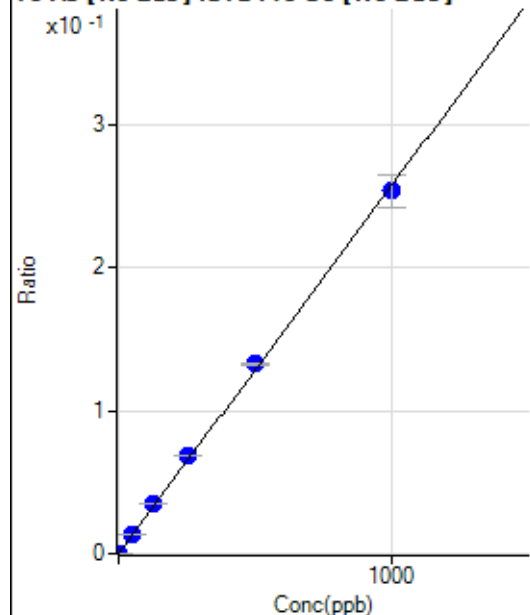
$$DL = 0.06624$$

$$BEC = 0.2764$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-571.22	-0.0001	P	-39.
2	☐	0.100					
3	☐	1.000	0.953	2037.13	0.0002	P	18.2
4	☐	50.000	54.124	146305.40	0.0139	P	2.1
5	☐	125.000	135.173	361153.29	0.0347	P	0.6
6	☐	250.000	266.367	700933.63	0.0684	P	1.6
7	☐	500.000	516.270	1375539.51	0.1327	P	1.0
8	☐	1000.000	986.295	2652845.13	0.2535	P	9.3
9	☐			3470.79	0.0004	P	5.4

$$y = 2.5708\text{E-}004 * x - 5.2758\text{E-}005$$

$$R = 0.9996$$

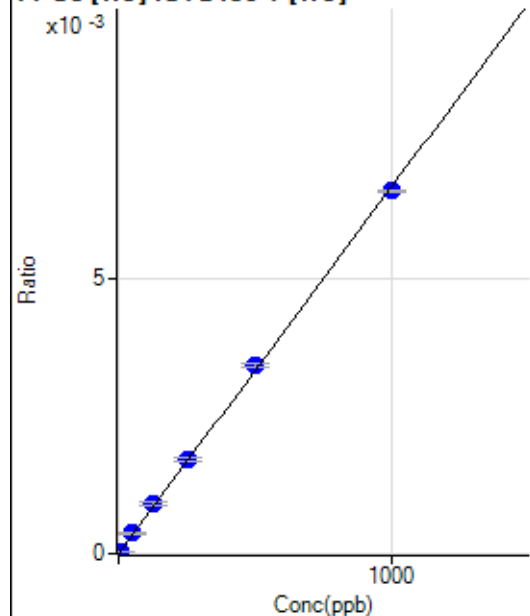
$$DL = 0.2419$$

$$BEC = -0.2052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.690	64.45	0.0000	P	25.3
4	☐	50.000	55.259	772.26	0.0004	P	9.4
5	☐	125.000	135.023	1860.15	0.0009	P	9.3
6	☐	250.000	257.971	3483.81	0.0017	P	3.8
7	☐	500.000	514.085	7106.30	0.0034	P	2.2
8	☐	1000.000	989.451	13672.19	0.0066	P	0.2
9	☐			7.78	0.0000	P	89.9

$$y = 6.6791\text{E-}006 * x + 0.0000\text{E+}000$$

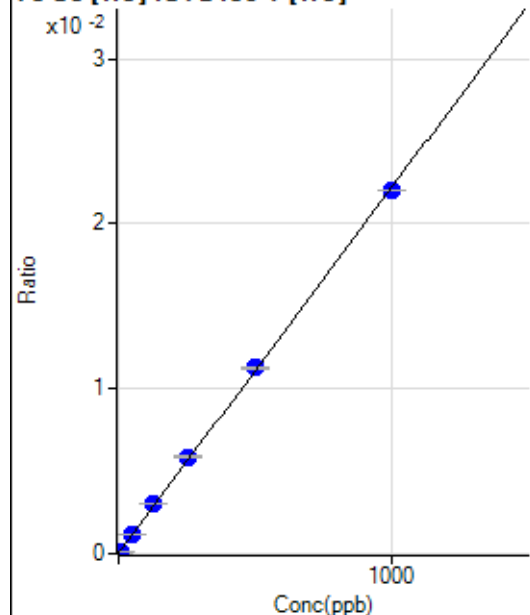
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

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	50.00	0.0000	P	17.6
2	☐	0.500					
3	☐	5.000	5.502	301.86	0.0001	P	7.0
4	☐	50.000	52.624	2492.21	0.0012	P	2.1
5	☐	125.000	134.176	6185.93	0.0030	P	0.5
6	☐	250.000	264.429	11891.37	0.0059	P	1.7
7	☐	500.000	507.330	23321.30	0.0113	P	1.3
8	☐	1000.000	991.447	45518.80	0.0220	P	0.2
9	☐			85.19	0.0000	P	18.6

$$y = 2.2167\text{E-}005 * x + 2.4442\text{E-}005$$

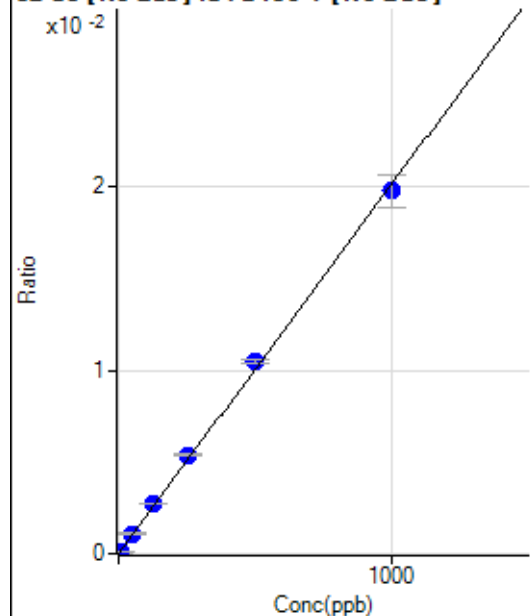
$$R = 0.9998$$

$$DL = 0.5822$$

$$BEC = 1.103$$

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	24.11	0.0000	P	229.
2	☐	0.500					
3	☐	5.000	5.320	1560.96	0.0001	P	3.2
4	☐	50.000	54.591	15901.91	0.0011	P	1.4
5	☐	125.000	136.527	39237.31	0.0027	P	0.4
6	☐	250.000	267.837	76028.56	0.0054	P	2.2
7	☐	500.000	522.093	149041.46	0.0105	P	1.5
8	☐	1000.000	982.822	281513.66	0.0198	P	9.2
9	☐			175.60	0.0000	P	29.6

$$y = 2.0127\text{E-}005 * x + 1.6246\text{E-}006$$

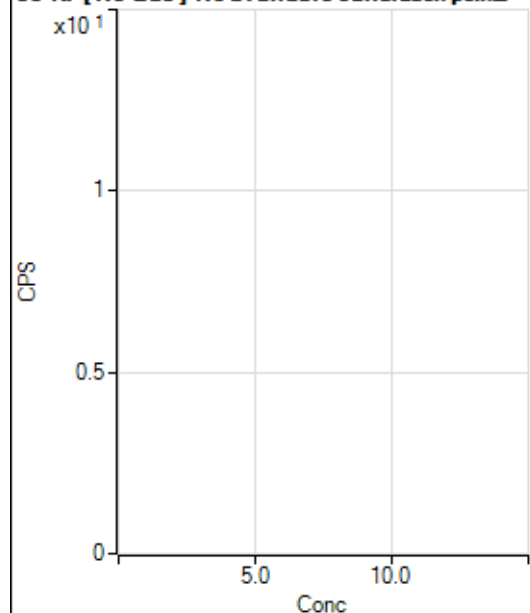
$$R = 0.9994$$

$$DL = 0.5544$$

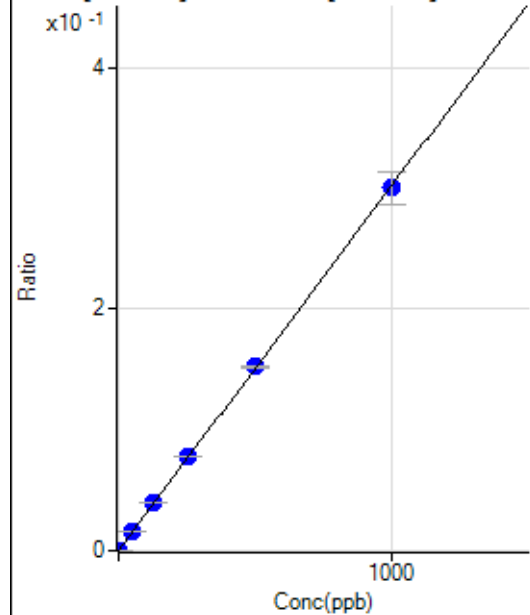
$$BEC = 0.08072$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			502.24		P	7.9
2	☐						
3	☐			484.46		P	13.4
4	☐			584.47		P	7.0
5	☐			495.57		P	2.8
6	☐			491.13		P	6.1
7	☐			525.58		P	1.9
8	☐			544.46		P	13.7
9	☐			543.35		P	8.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	722.27	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	0.871	4475.88	0.0003	P	4.2
4	☐	50.000	51.270	224612.67	0.0155	P	1.2
5	☐	125.000	129.696	560027.51	0.0392	P	0.3
6	☐	250.000	259.291	1105603.71	0.0784	P	1.1
7	☐	500.000	504.715	2163760.64	0.1526	P	1.0
8	☐	1000.000	994.669	4278603.22	0.3006	P	9.1
9	☐			16766.02	0.0013	P	1.1

$$y = 3.0221\text{E-}004 * x + 4.8486\text{E-}005$$

$$R = 0.9999$$

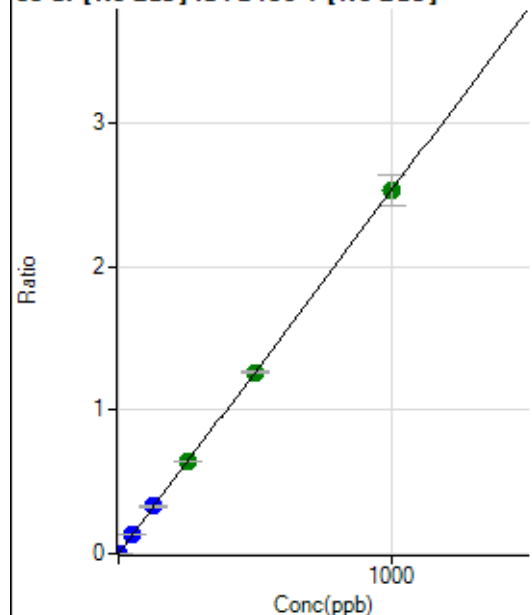
$$DL = 0.02729$$

$$BEC = 0.1604$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	372.24	0.0000	P	13.7
2	☐	0.100					
3	☐	1.000	0.830	30550.13	0.0021	P	1.8
4	☐	50.000	52.374	1916451.63	0.1326	P	0.6
5	☐	125.000	130.204	4704216.08	0.3296	P	1.6
6	☐	250.000	253.524	9050408.45	0.6418	A	0.5
7	☐	500.000	499.666	17937976.79	1.2649	A	1.0
8	☐	1000.000	998.517	35986280.32	2.5278	A	8.4
9	☐			135931.97	0.0105	P	0.6

$$y = 0.0025 * x + 2.4995E-005$$

$$R = 1.0000$$

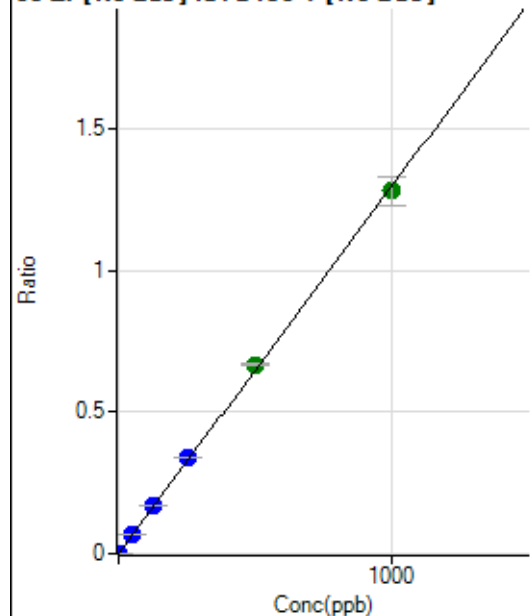
$$DL = 0.004049$$

$$BEC = 0.009873$$

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	875.06	0.0001	P	8.8
2	☐	0.100					
3	☐	1.000	0.935	18253.92	0.0013	P	2.1
4	☐	50.000	52.301	980552.20	0.0679	P	0.0
5	☐	125.000	131.908	2440731.93	0.1710	P	1.0
6	☐	250.000	261.793	4785584.66	0.3394	P	1.0
7	☐	500.000	514.938	9466039.01	0.6675	A	0.7
8	☐	1000.000	988.605	18249459.09	1.2815	A	7.8
9	☐			7735.76	0.0006	P	2.9

$$y = 0.0013 * x + 5.8740E-005$$

$$R = 0.9997$$

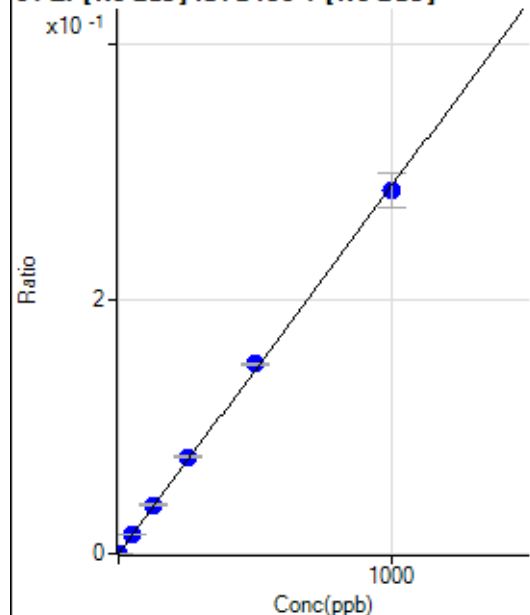
$$DL = 0.01202$$

$$BEC = 0.04532$$

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	163.90	0.0000	P	7.9
2	☐	0.100					
3	☐	1.000	0.955	4111.88	0.0003	P	3.2
4	☐	50.000	52.401	218576.35	0.0151	P	1.0
5	☐	125.000	132.601	545933.49	0.0383	P	2.0
6	☐	250.000	262.470	1067540.84	0.0757	P	1.5
7	☐	500.000	516.876	2114252.39	0.1491	P	0.7
8	☐	1000.000	987.374	4051894.53	0.2848	P	9.5
9	☐			1894.65	0.0001	P	2.6

$$y = 2.8842\text{E-}004 * x + 1.1004\text{E-}005$$

$$R = 0.9997$$

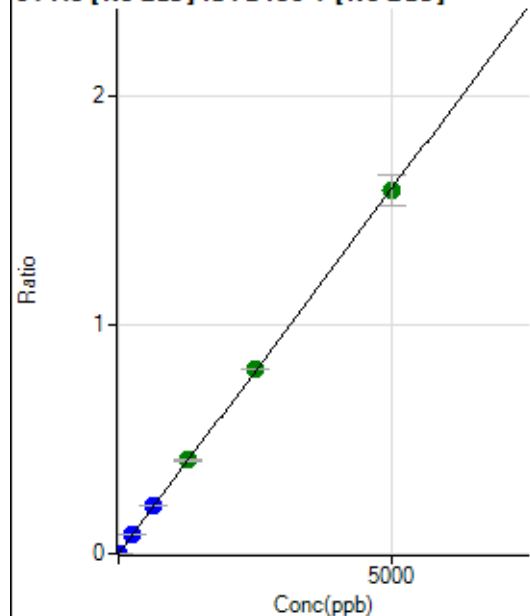
$$DL = 0.009071$$

$$BEC = 0.03815$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	291.68	0.0000	P	24.2
2	☐	0.500					
3	☐	5.000	4.742	21967.76	0.0015	P	2.2
4	☐	250.000	261.865	1205403.52	0.0834	P	0.9
5	☐	625.000	657.129	2986585.61	0.2093	P	2.2
6	☐	1250.000	1279.562	5746142.01	0.4075	A	0.5
7	☐	2500.000	2529.428	11423156.68	0.8055	A	0.8
8	☐	5000.000	4973.286	22546988.52	1.5838	A	8.4
9	☐			14430.06	0.0011	P	1.1

$$y = 3.1845\text{E-}004 * x + 1.9578\text{E-}005$$

$$R = 0.9999$$

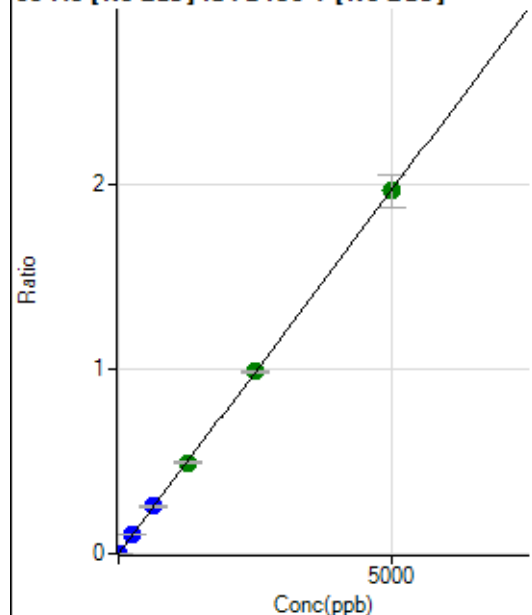
$$DL = 0.0447$$

$$BEC = 0.06148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	41.6
2	☐	0.500					
3	☐	5.000	4.803	27249.12	0.0019	P	1.2
4	☐	250.000	258.640	1470133.92	0.1017	P	1.1
5	☐	625.000	651.297	3655551.25	0.2562	P	1.2
6	☐	1250.000	1254.035	6954497.12	0.4932	A	1.2
7	☐	2500.000	2505.076	13971194.58	0.9852	A	1.4
8	☐	5000.000	4992.734	27949211.39	1.9636	A	8.7
9	☐			19583.63	0.0015	P	3.2

$$y = 3.9329E-004 * x + 8.3909E-006$$

$$R = 1.0000$$

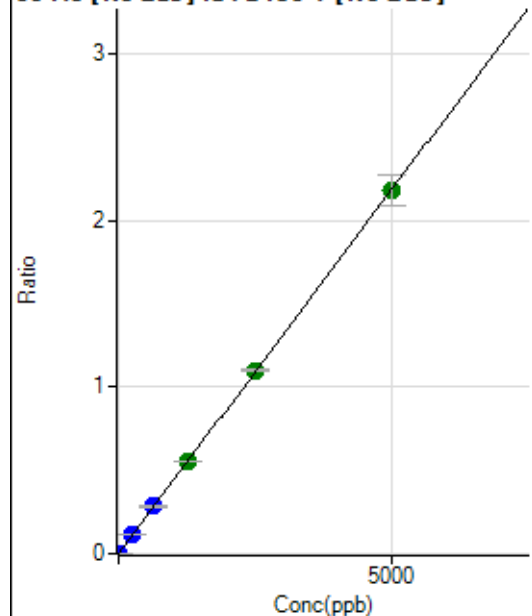
$$DL = 0.0266$$

$$BEC = 0.02134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.35	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.775	30160.44	0.0021	P	1.6
4	☐	250.000	257.894	1627230.61	0.1126	P	1.4
5	☐	625.000	649.668	4047531.69	0.2836	P	1.4
6	☐	1250.000	1258.796	7749510.68	0.5496	A	0.4
7	☐	2500.000	2517.423	15585133.86	1.0990	A	1.3
8	☐	5000.000	4985.611	30984423.61	2.1765	A	8.5
9	☐			31001.31	0.0024	P	3.3

$$y = 4.3656E-004 * x + 1.5669E-005$$

$$R = 1.0000$$

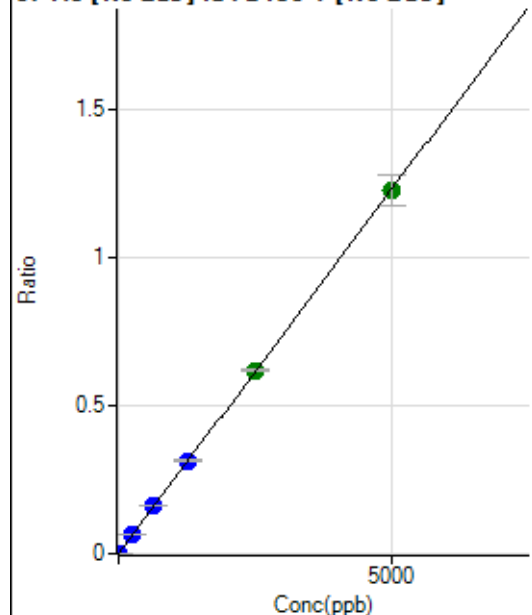
$$DL = 0.01696$$

$$BEC = 0.03589$$

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	63.89	0.0000	P	29.9
2	☐	0.500					
3	☐	5.000	4.795	16969.14	0.0012	P	1.5
4	☐	250.000	259.479	920671.35	0.0637	P	1.7
5	☐	625.000	655.143	2295257.13	0.1609	P	1.7
6	☐	1250.000	1276.916	4420396.63	0.3135	P	1.7
7	☐	2500.000	2517.606	8765503.93	0.6181	A	1.1
8	☐	5000.000	4980.227	17406534.24	1.2227	A	8.5
9	☐			12169.57	0.0009	P	2.7

$$y = 2.4552\text{E-}004 * x + 4.2874\text{E-}006$$

$$R = 1.0000$$

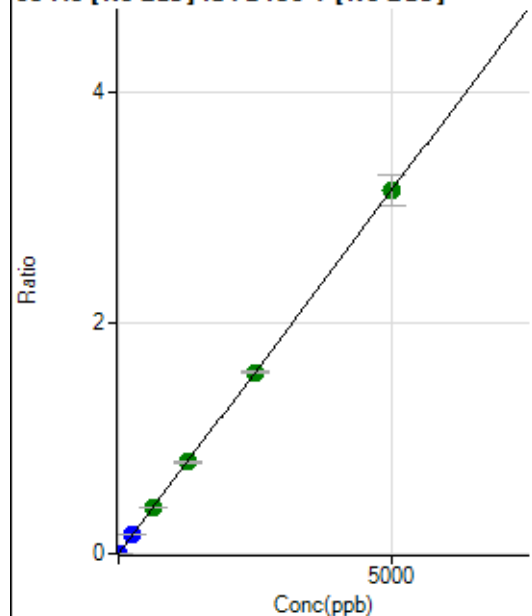
$$DL = 0.01569$$

$$BEC = 0.01746$$

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	186.12	0.0000	P	10.3
2	☐	0.500					
3	☐	5.000	4.801	43584.62	0.0030	P	1.1
4	☐	250.000	259.065	2357167.43	0.1631	P	1.0
5	☐	625.000	633.956	5695427.08	0.3991	A	1.3
6	☐	1250.000	1262.575	11209153.90	0.7949	A	1.3
7	☐	2500.000	2501.222	22330516.65	1.5747	A	1.5
8	☐	5000.000	4994.673	44765662.46	3.1445	A	8.5
9	☐			29623.45	0.0023	P	3.4

$$y = 6.2957\text{E-}004 * x + 1.2495\text{E-}005$$

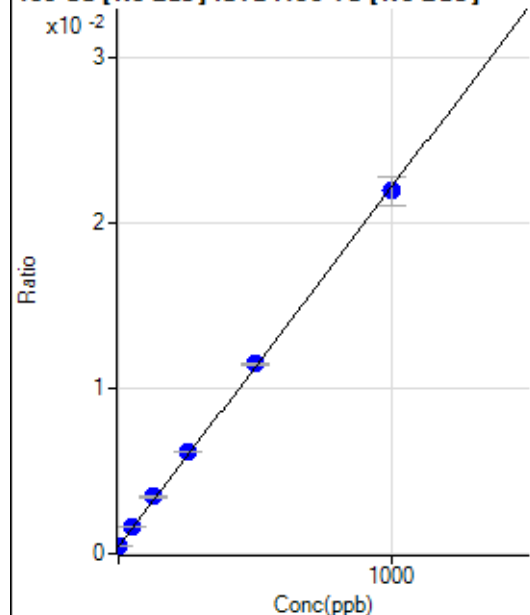
$$R = 1.0000$$

$$DL = 0.006155$$

$$BEC = 0.01985$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7427.22	0.0004	P	0.7
2	☐	0.100					
3	☐	1.000	1.575	7694.08	0.0005	P	2.6
4	☐	50.000	55.053	27580.51	0.0016	P	2.0
5	☐	125.000	139.493	57191.73	0.0035	P	2.1
6	☐	250.000	265.860	103692.69	0.0062	P	0.4
7	☐	500.000	507.700	196367.48	0.0115	P	1.5
8	☐	1000.000	990.120	373808.93	0.0220	P	8.0
9	☐			6635.16	0.0004	P	2.8

$$y = 2.1763\text{E-}005 * x + 4.2032\text{E-}004$$

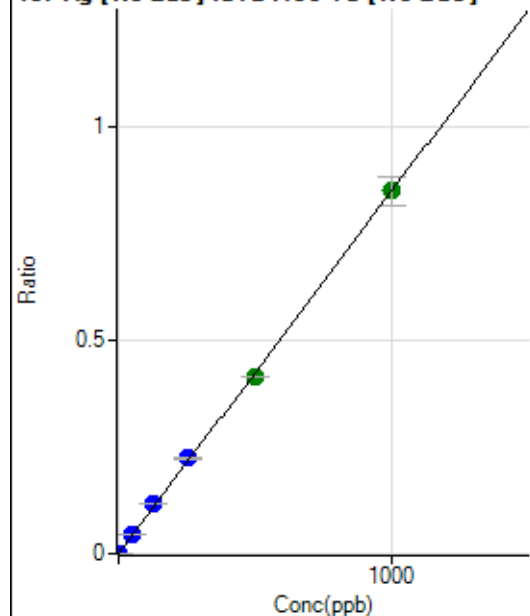
$$R = 0.9998$$

$$DL = 0.4115$$

$$BEC = 19.31$$

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	155.56	0.0000	P	12.8
2	☐	0.100					
3	☐	1.000	1.061	15422.89	0.0009	P	0.8
4	☐	50.000	54.414	788403.96	0.0463	P	1.9
5	☐	125.000	137.935	1940513.35	0.1173	P	1.8
6	☐	250.000	263.244	3738839.93	0.2238	P	1.5
7	☐	500.000	487.513	7095622.03	0.4144	A	0.7
8	☐	1000.000	1001.095	14481562.13	0.8510	A	7.7
9	☐			2486.44	0.0002	P	4.7

$$y = 8.5006\text{E-}004 * x + 8.8076\text{E-}006$$

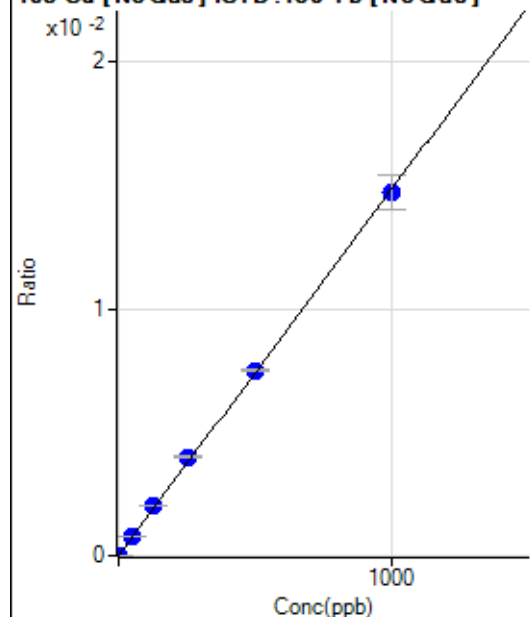
$$R = 0.9997$$

$$DL = 0.003984$$

$$BEC = 0.01036$$

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	27.78	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	0.873	245.84	0.0000	P	6.4
4	☐	50.000	53.979	13672.11	0.0008	P	0.5
5	☐	125.000	137.001	33655.68	0.0020	P	2.7
6	☐	250.000	270.035	66945.25	0.0040	P	0.5
7	☐	500.000	505.311	128350.25	0.0075	P	1.2
8	☐	1000.000	990.637	249828.93	0.0147	P	9.6
9	☐			118.06	0.0000	P	23.8

$$y = 1.4832\text{E-}005 * x + 1.5731\text{E-}006$$

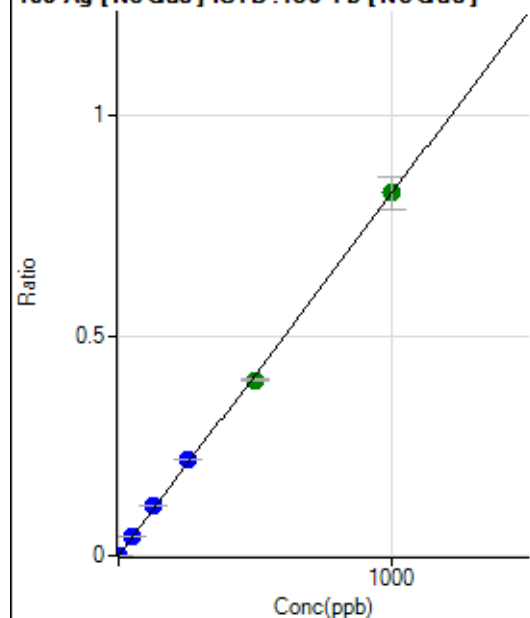
$$R = 0.9997$$

$$DL = 0.07418$$

$$BEC = 0.1061$$

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	77.78	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	1.049	14688.76	0.0009	P	0.5
4	☐	50.000	54.033	757826.58	0.0445	P	1.1
5	☐	125.000	136.858	1863821.05	0.1126	P	1.7
6	☐	250.000	264.478	3636392.36	0.2176	P	0.8
7	☐	500.000	485.636	6842567.17	0.3996	A	1.2
8	☐	1000.000	1001.878	14022733.65	0.8245	A	8.7
9	☐			2491.99	0.0002	P	2.9

$$y = 8.2291\text{E-}004 * x + 4.4090\text{E-}006$$

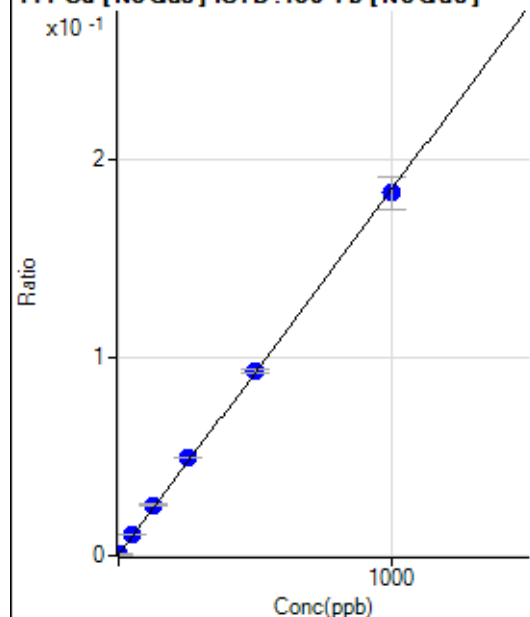
$$R = 0.9997$$

$$DL = 0.007998$$

$$BEC = 0.005358$$

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	5199.06	0.0003	P	0.9
2	☐	0.100					
3	☐	1.000	1.069	8323.89	0.0005	P	3.3
4	☐	50.000	54.775	177536.10	0.0104	P	1.5
5	☐	125.000	137.880	426576.19	0.0258	P	1.5
6	☐	250.000	267.262	830206.53	0.0497	P	0.3
7	☐	500.000	504.293	1600748.99	0.0935	P	2.2
8	☐	1000.000	991.689	3121910.13	0.1836	P	9.0
9	☐			5371.73	0.0003	P	2.3

$$y = 1.8482E-004 * x + 2.9423E-004$$

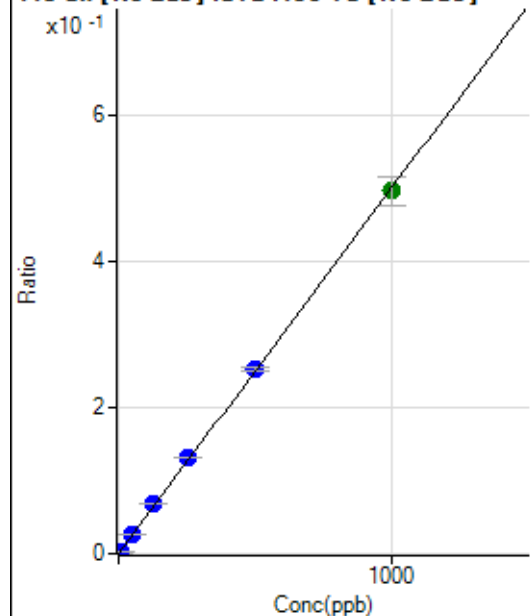
$$R = 0.9998$$

$$DL = 0.04078$$

$$BEC = 1.592$$

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	588.93	0.0000	P	3.5
2	☐	0.500					
3	☐	5.000	5.258	45170.79	0.0027	P	1.7
4	☐	50.000	53.602	458399.63	0.0269	P	0.4
5	☐	125.000	136.056	1129032.50	0.0682	P	1.3
6	☐	250.000	264.100	2212086.46	0.1324	P	1.1
7	☐	500.000	504.611	4330444.06	0.2529	P	1.8
8	☐	1000.000	992.606	8464114.77	0.4975	A	8.2
9	☐			7596.81	0.0005	P	1.3

$$y = 5.0118E-004 * x + 3.3330E-005$$

$$R = 0.9998$$

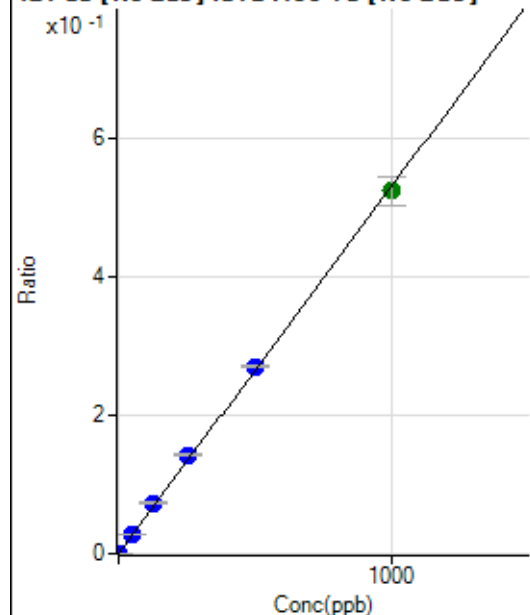
$$DL = 0.00706$$

$$BEC = 0.0665$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	27.3
2	☐	0.200					
3	☐	2.000	1.948	17589.49	0.0010	P	0.8
4	☐	50.000	54.130	490467.86	0.0288	P	1.0
5	☐	125.000	138.012	1214291.13	0.0734	P	1.7
6	☐	250.000	269.431	2393141.41	0.1432	P	0.3
7	☐	500.000	510.559	4646967.29	0.2714	P	1.9
8	☐	1000.000	988.030	8936956.19	0.5253	A	8.0
9	☐			12052.79	0.0008	P	2.5

$$y = 5.3161\text{E-}004 * x + 3.6168\text{E-}006$$

$$R = 0.9997$$

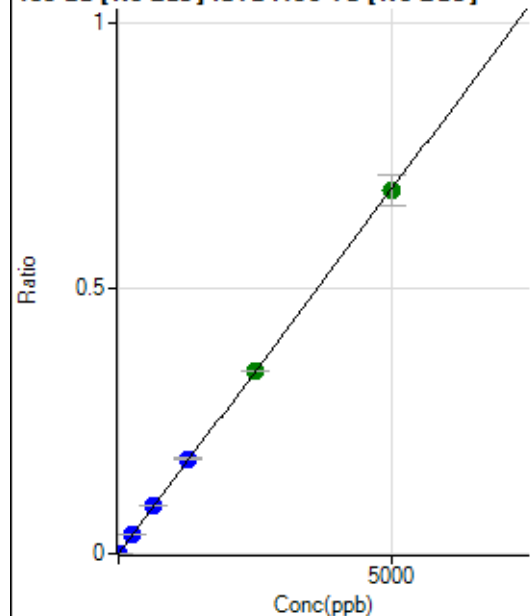
$$DL = 0.00558$$

$$BEC = 0.006804$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	14.9
2	☐	1.000					
3	☐	10.000	10.006	23326.13	0.0014	P	3.2
4	☐	250.000	263.916	616993.68	0.0362	P	1.0
5	☐	625.000	668.701	1517916.74	0.0917	P	0.9
6	☐	1250.000	1302.790	2985428.26	0.1787	P	0.9
7	☐	2500.000	2507.049	5887497.01	0.3439	A	0.4
8	☐	5000.000	4977.120	11612837.67	0.6826	A	8.3
9	☐			4687.10	0.0003	P	7.5

$$y = 1.3715\text{E-}004 * x + 5.6625\text{E-}006$$

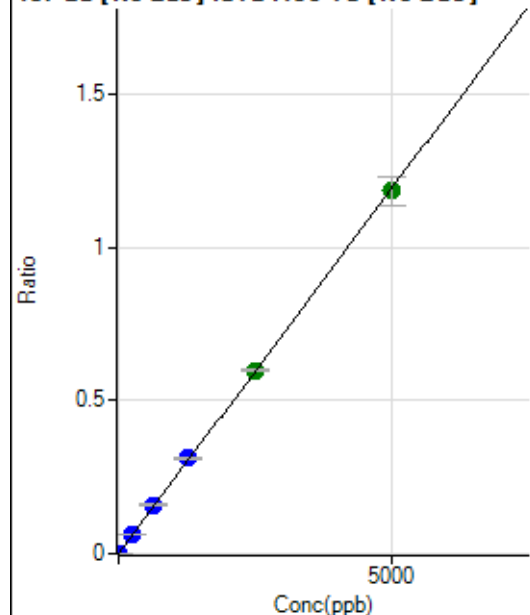
$$R = 0.9999$$

$$DL = 0.01842$$

$$BEC = 0.04129$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	16.6
2	☐	1.000					
3	☐	10.000	10.114	40920.28	0.0024	P	1.4
4	☐	250.000	263.874	1070819.28	0.0628	P	0.9
5	☐	625.000	669.774	2639172.08	0.1595	P	0.7
6	☐	1250.000	1308.340	5204409.88	0.3115	P	0.8
7	☐	2500.000	2514.121	10248839.64	0.5986	A	1.0
8	☐	5000.000	4972.064	20144414.34	1.1838	A	7.7
9	☐			7977.62	0.0005	P	7.8

$$y = 2.3808E-004 * x + 9.7428E-006$$

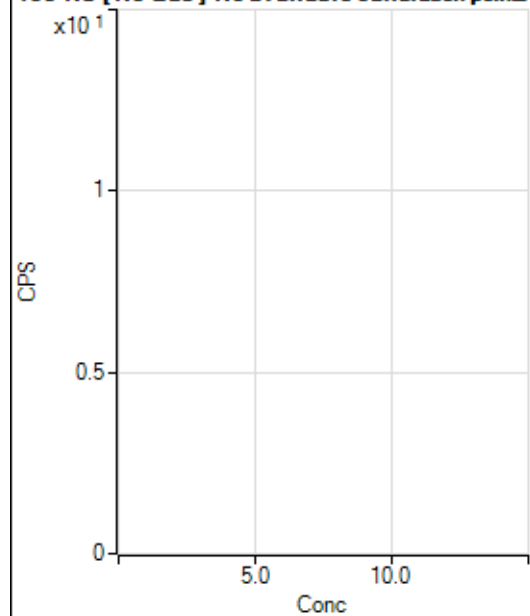
$$R = 0.9999$$

$$DL = 0.02036$$

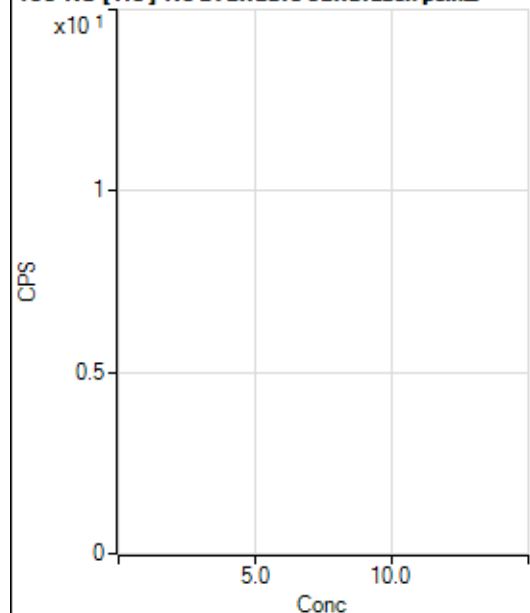
$$BEC = 0.04092$$

Weight: <None>

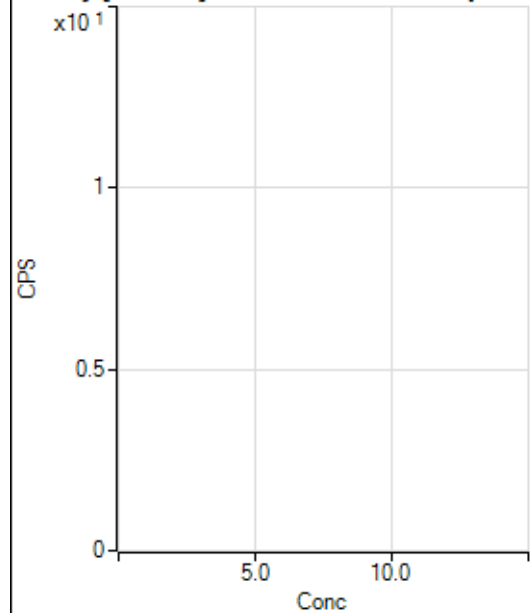
Min Conc: 0

150 Nd [No Gas] No available calibration points

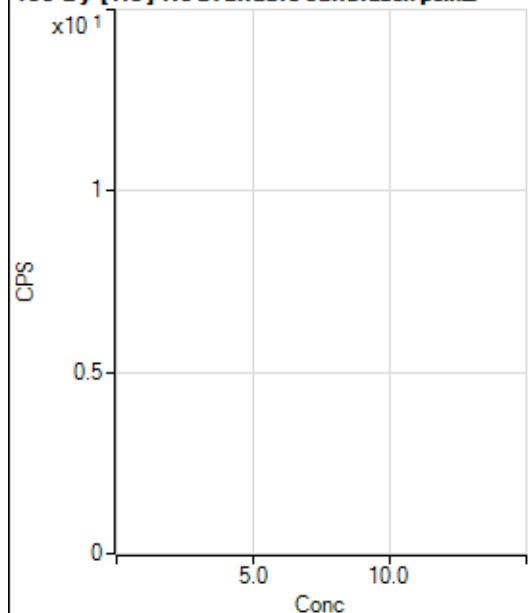
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			84.45		P	45.6
5	☐			204.45		P	13.2
6	☐			386.69		P	3.4
7	☐			644.48		P	5.3
8	☐			1417.91		P	8.4
9	☐			346.68		P	8.8

150 Nd [He] No available calibration points

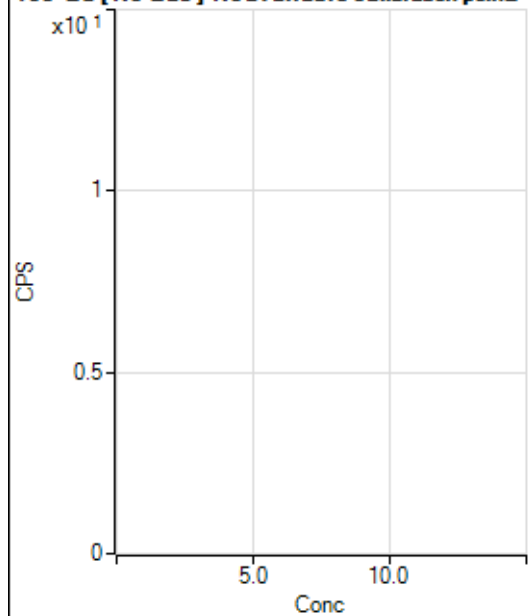
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			6.66		P	86.6
5	☐			15.56		P	75.3
6	☐			45.55		P	15.2
7	☐			77.78		P	16.2
8	☐			127.78		P	15.7
9	☐			76.67		P	19.0

156 Dy [No Gas] No available calibration points

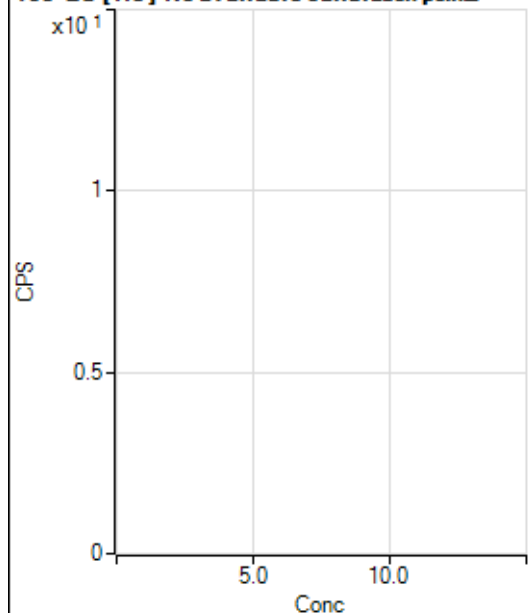
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	66.1
2	☐						
3	☐			100.01		P	33.3
4	☐			58.34		P	24.7
5	☐			108.34		P	68.4
6	☐			113.89		P	52.9
7	☐			205.57		P	19.2
8	☐			286.13		P	10.2
9	☐			1739.08		P	23.6

156 Dy [He] No available calibration points

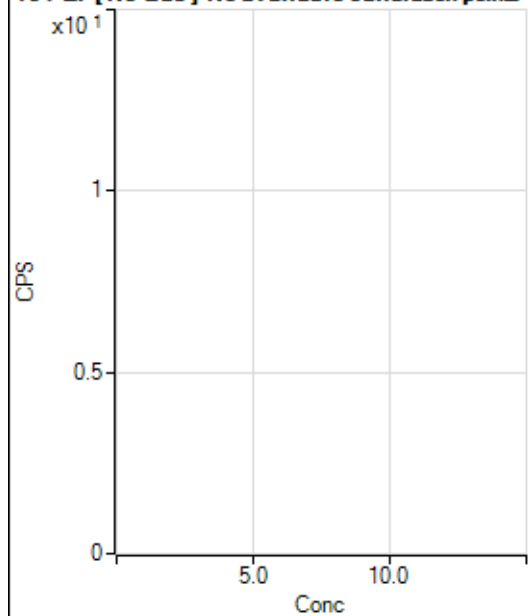
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐						
3	☐			4.44		P	43.4
4	☐			24.44		P	41.7
5	☐			41.11		P	4.7
6	☐			75.56		P	25.5
7	☐			126.67		P	12.1
8	☐			246.67		P	13.0
9	☐			105.56		P	17.4

160 Gd [No Gas] Noavailable calibration poin_

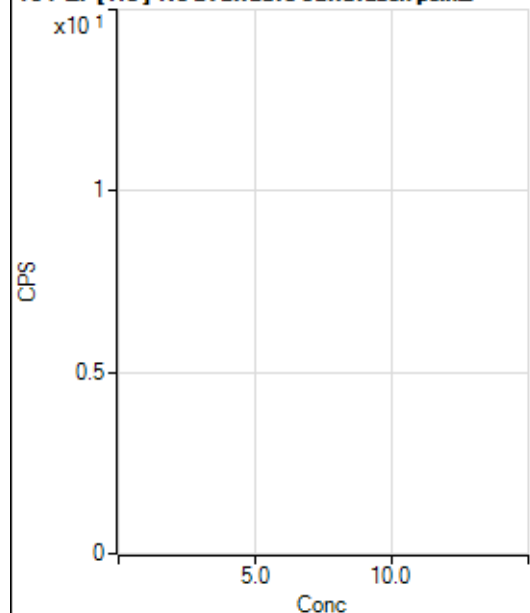
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	19.8
2	☐						
3	☐			91.67		P	31.5
4	☐			94.45		P	22.2
5	☐			88.90		P	59.5
6	☐			91.67		P	9.1
7	☐			147.23		P	11.8
8	☐			122.23		P	39.4
9	☐			125.01		P	24.0

160 Gd [He] No available calibration points

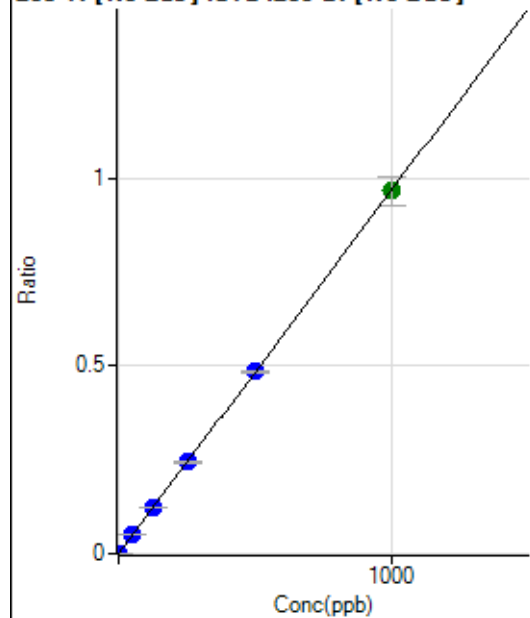
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			225.56		P	15.9
2	☐						
3	☐			208.89		P	13.0
4	☐			244.45		P	15.3
5	☐			216.67		P	9.6
6	☐			218.89		P	11.8
7	☐			224.45		P	7.0
8	☐			240.01		P	9.7
9	☐			238.89		P	8.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	60.6
2	☐						
3	☐			38.89		P	12.4
4	☐			36.11		P	35.3
5	☐			58.34		P	14.3
6	☐			52.78		P	18.2
7	☐			63.89		P	19.9
8	☐			52.78		P	32.9
9	☐			86.12		P	43.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			23.33		P	37.8
4	☐			18.89		P	27.0
5	☐			23.33		P	14.3
6	☐			24.44		P	51.6
7	☐			45.56		P	47.0
8	☐			28.89		P	40.5
9	☐			28.89		P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	219.46	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	0.898	10029.25	0.0009	P	1.8
4	☐	50.000	50.644	548480.72	0.0490	P	0.4
5	☐	125.000	128.469	1346338.33	0.1244	P	0.6
6	☐	250.000	253.268	2645605.94	0.2452	P	1.6
7	☐	500.000	500.915	5217153.98	0.4849	P	1.5
8	☐	1000.000	998.260	10044080.17	0.9664	A	8.3
9	☐			2636.49	0.0003	P	9.0

$$y = 9.6802E-004 * x + 1.8617E-005$$

$$R = 1.0000$$

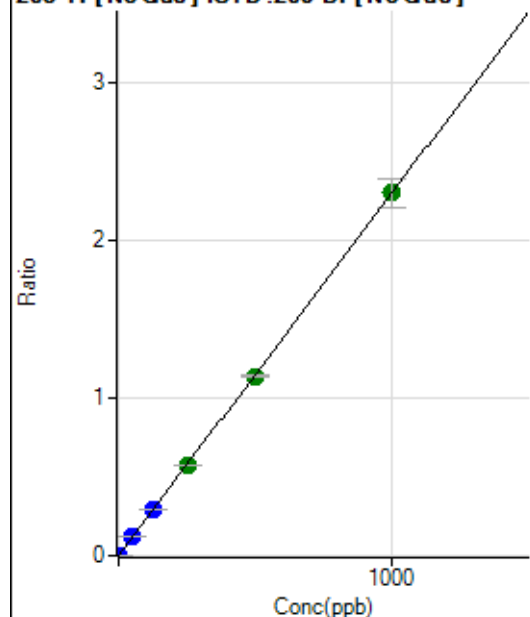
$$DL = 0.0211$$

$$BEC = 0.01923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.26	0.0000	P	6.2
2	☐	0.100					
3	☐	1.000	0.915	24295.37	0.0022	P	1.0
4	☐	50.000	50.916	1307985.34	0.1170	P	1.2
5	☐	125.000	128.804	3202022.88	0.2958	P	1.4
6	☐	250.000	248.413	6155499.61	0.5705	A	0.5
7	☐	500.000	496.306	12262500.97	1.1397	A	0.7
8	☐	1000.000	1001.723	23911465.99	2.3002	A	8.0
9	☐			6168.35	0.0008	P	0.8

$$y = 0.0023 * x + 4.8489E-005$$

$$R = 1.0000$$

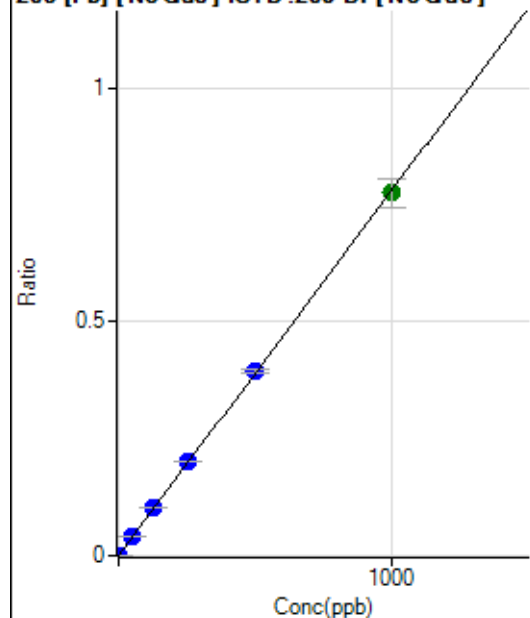
$$DL = 0.003922$$

$$BEC = 0.02112$$

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	1005.62	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	0.902	8905.12	0.0008	P	2.5
4	☐	50.000	51.234	447777.49	0.0400	P	1.5
5	☐	125.000	130.353	1101323.20	0.1017	P	0.9
6	☐	250.000	258.376	2175154.53	0.2016	P	1.2
7	☐	500.000	505.756	4244444.05	0.3945	P	1.8
8	☐	1000.000	994.297	8061072.00	0.7755	A	8.2
9	☐			10074.48	0.0012	P	3.4

$$y = 7.7987E-004 * x + 8.5160E-005$$

$$R = 0.9999$$

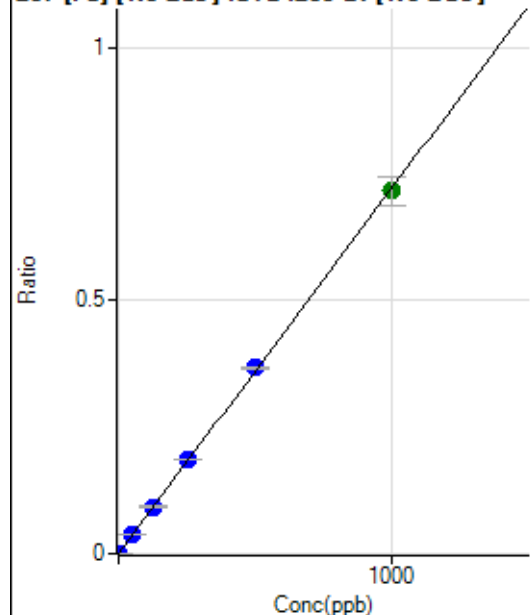
$$DL = 0.02469$$

$$BEC = 0.1092$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	894.50	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	0.896	8163.83	0.0007	P	1.0
4	☐	50.000	50.938	411945.37	0.0368	P	1.4
5	☐	125.000	128.567	1005167.11	0.0929	P	1.1
6	☐	250.000	256.475	1998024.49	0.1852	P	0.7
7	☐	500.000	508.391	3948157.12	0.3670	P	1.9
8	☐	1000.000	993.693	7454749.18	0.7172	A	8.2
9	☐			8903.22	0.0011	P	3.0

$$y = 7.2168\text{E-}004 * x + 7.5753\text{E-}005$$

$$R = 0.9999$$

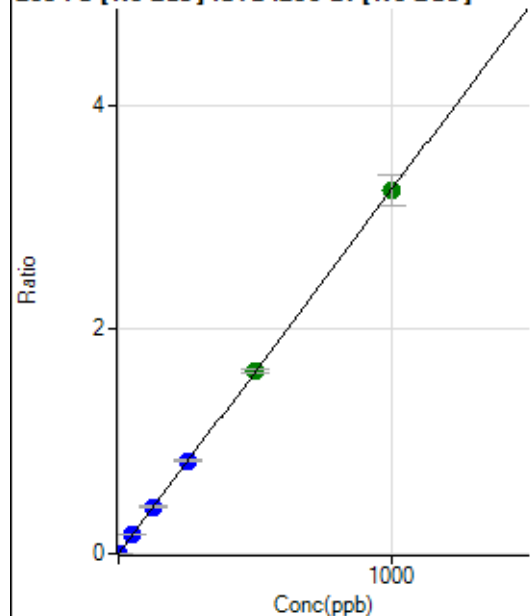
$$DL = 0.0291$$

$$BEC = 0.105$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4000.36	0.0003	P	4.6
2	☐	0.100					
3	☐	1.000	0.912	37271.89	0.0033	P	0.7
4	☐	50.000	51.225	1863579.36	0.1666	P	1.1
5	☐	125.000	129.112	4540789.81	0.4195	P	0.7
6	☐	250.000	255.679	8960266.06	0.8304	P	0.9
7	☐	500.000	501.772	17530190.84	1.6293	A	1.4
8	☐	1000.000	997.119	33646924.59	3.2375	A	8.5
9	☐			40488.26	0.0049	P	0.2

$$y = 0.0032 * x + 3.3880\text{E-}004$$

$$R = 1.0000$$

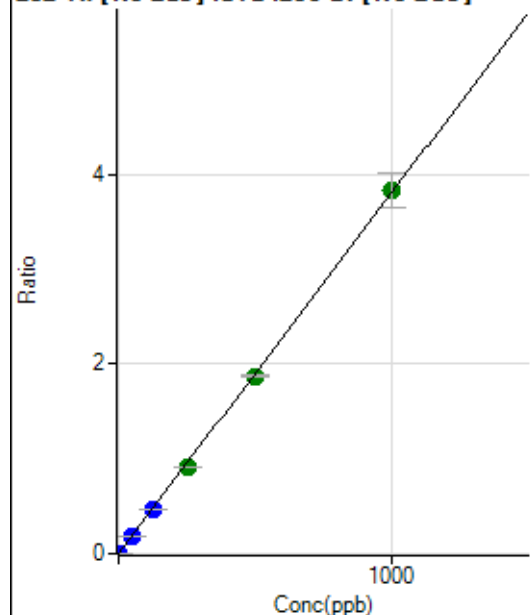
$$DL = 0.01437$$

$$BEC = 0.1044$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	159.26	0.0000	P	23.4
2	☐	0.100					
3	☐	1.000	0.837	36100.58	0.0032	P	1.1
4	☐	50.000	47.652	2025794.64	0.1811	P	0.5
5	☐	125.000	122.496	5040074.82	0.4656	P	0.7
6	☐	250.000	241.303	9897346.05	0.9172	A	0.6
7	☐	500.000	493.018	20163739.57	1.8740	A	0.8
8	☐	1000.000	1006.096	39722497.65	3.8243	A	9.4
9	☐			18945.76	0.0023	P	2.9

$$y = 0.0038 * x + 1.3496E-005$$

$$R = 0.9999$$

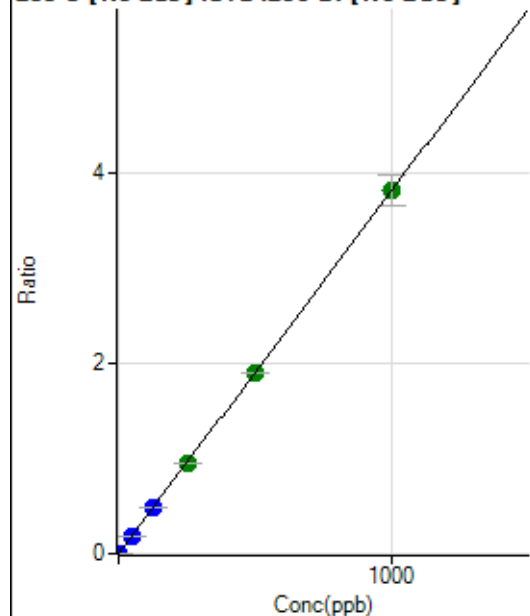
$$DL = 0.002496$$

$$BEC = 0.003551$$

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	219.45	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.882	38274.02	0.0034	P	1.0
4	☐	50.000	49.093	2096789.00	0.1875	P	0.3
5	☐	125.000	126.673	5236250.90	0.4837	P	1.5
6	☐	250.000	249.136	10265504.66	0.9514	A	1.3
7	☐	500.000	500.136	20549675.81	1.9098	A	0.2
8	☐	1000.000	999.985	39684107.14	3.8186	A	8.5
9	☐			7847.19	0.0010	P	0.2

$$y = 0.0038 * x + 1.8571E-005$$

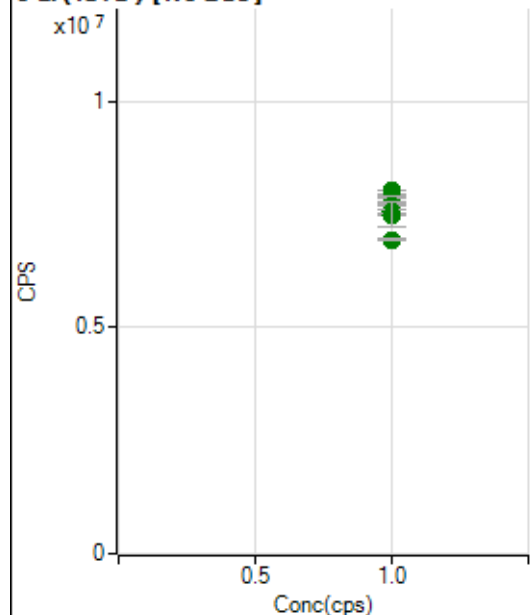
$$R = 1.0000$$

$$DL = 0.003253$$

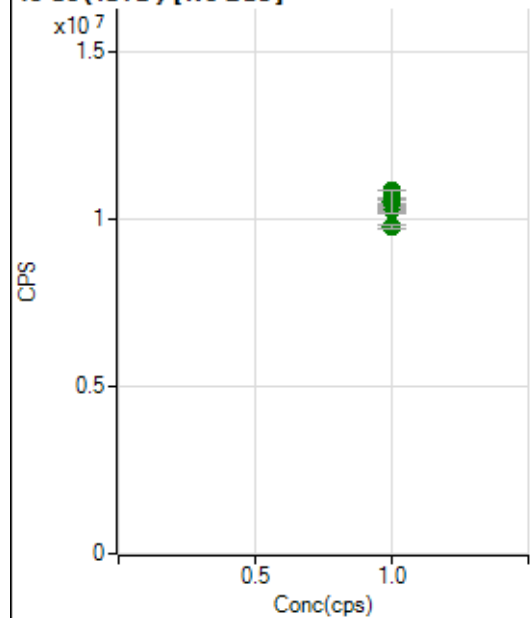
$$BEC = 0.004863$$

Weight: <None>

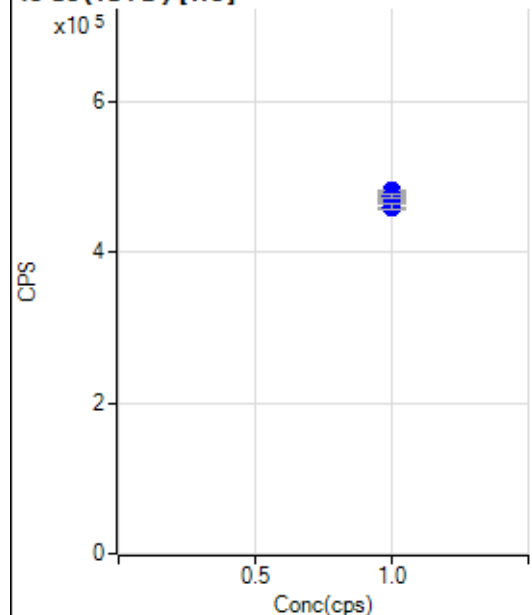
Min Conc: 0

6 Li (ISTD) [No Gas]

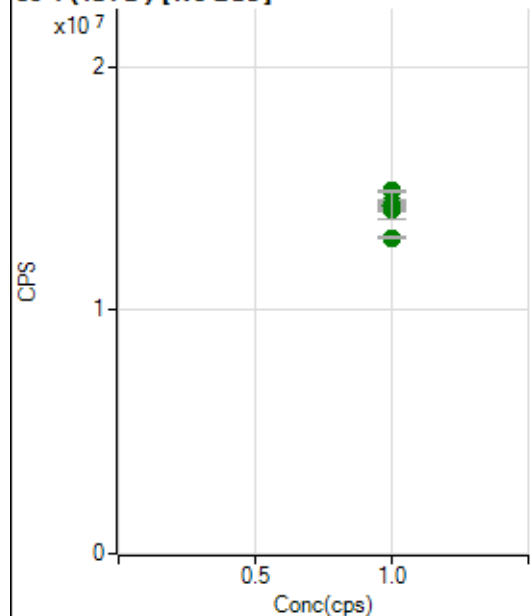
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8021363.98		A	0.1
2	☐	1.000					
3	☐	1.000		7955405.24		A	0.2
4	☐	1.000		7894025.61		A	0.4
5	☐	1.000		7713941.56		A	0.4
6	☐	1.000		7573173.77		A	0.9
7	☐	1.000		7478804.03		A	0.2
8	☐	1.000		7492195.28		A	7.4
9	☐	1.000		6941060.12		A	0.6

45 Sc (ISTD) [No Gas]

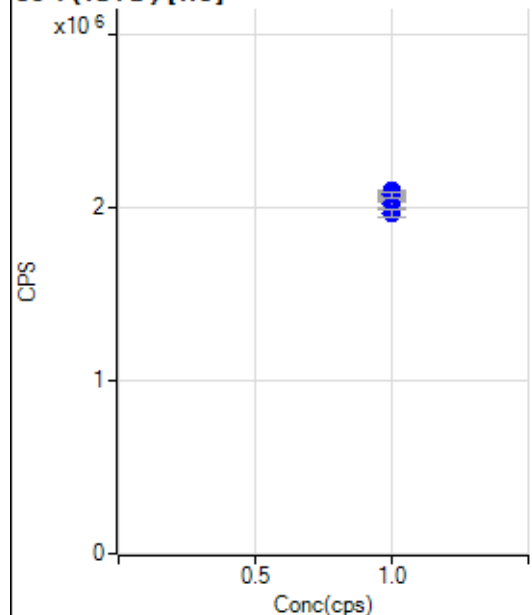
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10826731.58		A	0.0
2	☐	1.000					
3	☐	1.000		10592192.68		A	0.6
4	☐	1.000		10555293.55		A	0.4
5	☐	1.000		10408420.63		A	0.7
6	☐	1.000		10244821.32		A	1.0
7	☐	1.000		10368015.59		A	0.6
8	☐	1.000		10509346.15		A	6.9
9	☐	1.000		9777542.84		A	1.1

45 Sc (ISTD) [He]

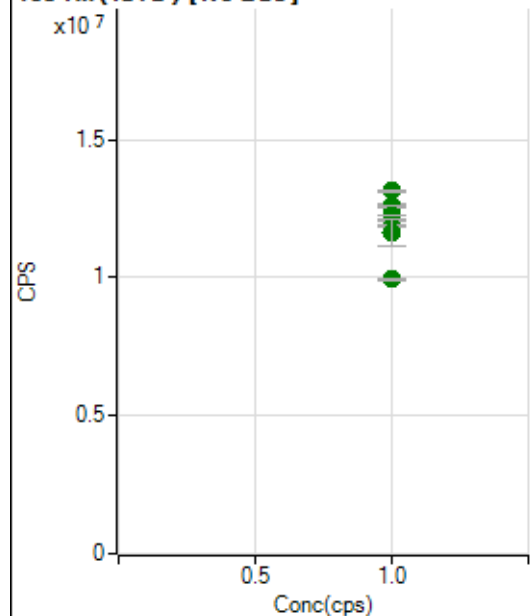
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		473317.07		P	0.6
2	☐	1.000					
3	☐	1.000		471821.47		P	1.7
4	☐	1.000		481389.30		P	0.6
5	☐	1.000		469778.53		P	0.1
6	☐	1.000		464655.99		P	2.2
7	☐	1.000		470717.84		P	0.6
8	☐	1.000		475281.20		P	1.2
9	☐	1.000		460504.47		P	1.5

89 Y (ISTD) [No Gas]

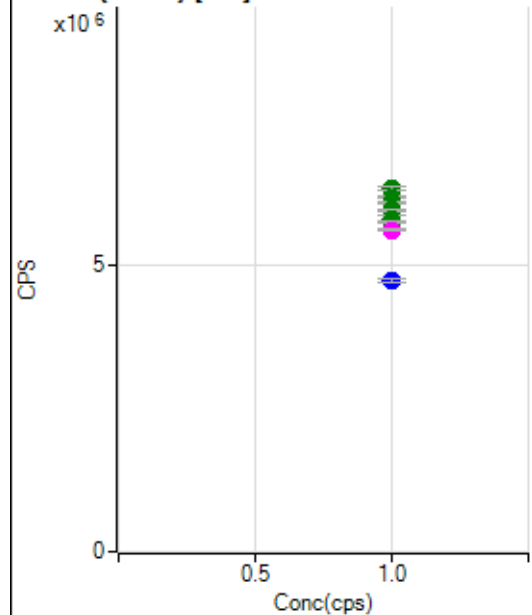
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14895164.91		A	0.3
2	☐	1.000					
3	☐	1.000		14361728.12		A	0.6
4	☐	1.000		14451678.95		A	0.5
5	☐	1.000		14270497.57		A	0.8
6	☐	1.000		14101635.21		A	1.2
7	☐	1.000		14181595.21		A	0.6
8	☐	1.000		14301750.20		A	8.2
9	☐	1.000		12977541.47		A	0.7

89 Y (ISTD) [He]

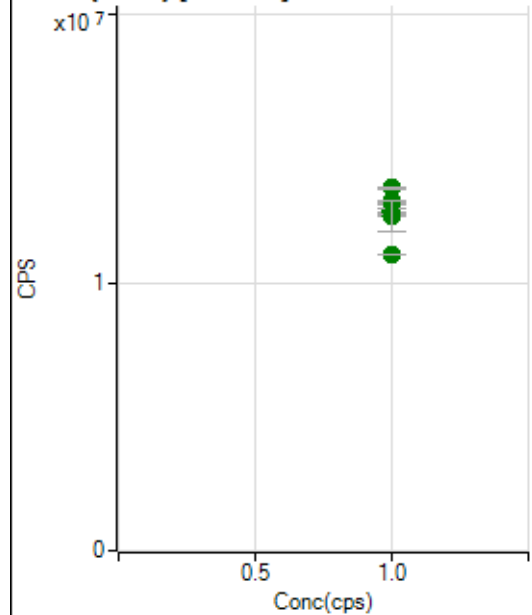
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2047540.68		P	1.2
2	☐	1.000					
3	☐	1.000		2061103.69		P	1.1
4	☐	1.000		2092678.89		P	0.2
5	☐	1.000		2062891.98		P	0.2
6	☐	1.000		2020772.26		P	2.3
7	☐	1.000		2069412.66		P	1.0
8	☐	1.000		2068864.95		P	1.2
9	☐	1.000		1960536.74		P	2.0

103 Rh (ISTD) [No Gas]

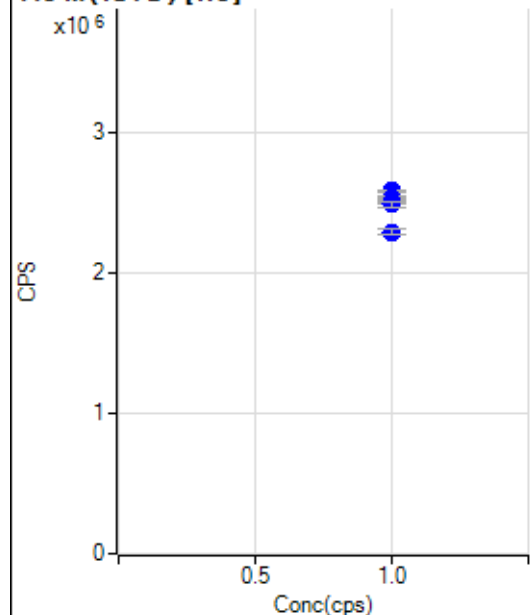
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13147294.04		A	0.3
2	☐	1.000					
3	☐	1.000		12595323.63		A	1.3
4	☐	1.000		12581601.15		A	1.1
5	☐	1.000		12273182.40		A	0.4
6	☐	1.000		11940380.22		A	1.5
7	☐	1.000		11873002.96		A	0.9
8	☐	1.000		11642399.65		A	8.5
9	☐	1.000		9945517.32		A	0.5

103 Rh (ISTD) [He]

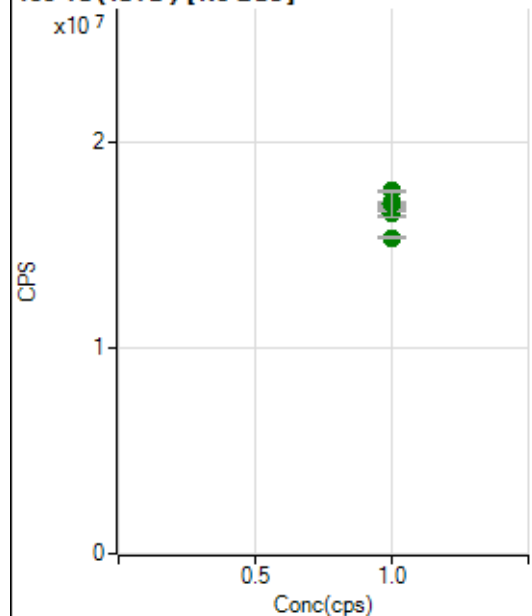
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6351574.91		A	0.9
2	☐	1.000					
3	☐	1.000		6204624.90		A	0.7
4	☐	1.000		6115524.98		A	0.9
5	☐	1.000		5985101.30		A	0.5
6	☐	1.000		5822847.41		A	2.0
7	☐	1.000		5783351.30		A	0.7
8	☐	1.000		5635829.98		M	0.7
9	☐	1.000		4741526.22		P	1.5

115 In (ISTD) [No Gas]

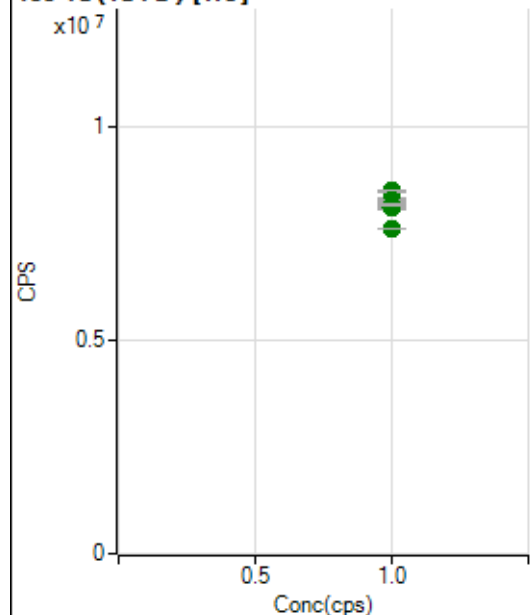
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13532267.69		A	0.7
2	☐	1.000					
3	☐	1.000		12926357.47		A	0.7
4	☐	1.000		13054138.94		A	0.5
5	☐	1.000		12684146.04		A	1.2
6	☐	1.000		12620533.59		A	1.9
7	☐	1.000		12561346.93		A	0.3
8	☐	1.000		12484158.24		A	9.0
9	☐	1.000		11032054.46		A	0.2

115 In (ISTD) [He]

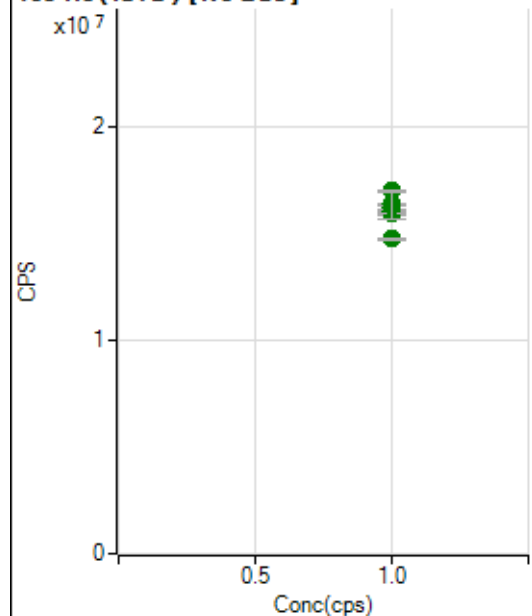
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2527316.93		P	0.9
2	☐	1.000					
3	☐	1.000		2530361.30		P	0.5
4	☐	1.000		2582678.29		P	0.3
5	☐	1.000		2532301.06		P	0.8
6	☐	1.000		2492266.47		P	2.7
7	☐	1.000		2507989.52		P	0.9
8	☐	1.000		2490949.23		P	1.6
9	☐	1.000		2291854.34		P	1.3

159 Tb (ISTD) [No Gas]

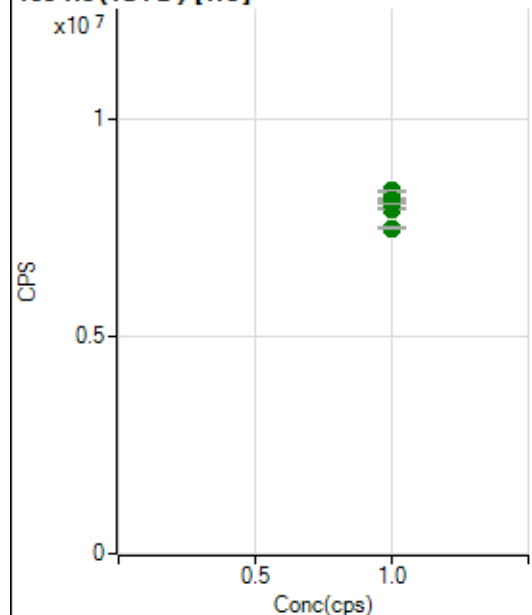
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17669801.40		A	0.5
2	☐	1.000					
3	☐	1.000		16926503.91		A	0.6
4	☐	1.000		17042625.86		A	0.6
5	☐	1.000		16550463.22		A	1.4
6	☐	1.000		16707700.31		A	0.4
7	☐	1.000		17122012.66		A	0.6
8	☐	1.000		17084291.13		A	7.6
9	☐	1.000		15366913.38		A	0.6

159 Tb (ISTD) [He]

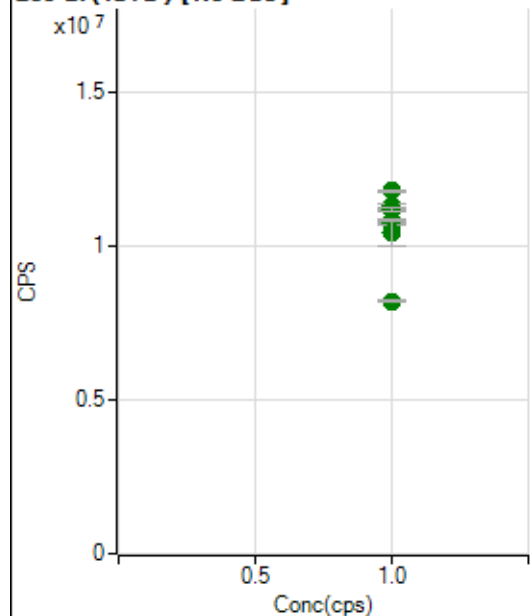
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8506949.73		A	0.5
2	☐	1.000					
3	☐	1.000		8308514.66		A	0.0
4	☐	1.000		8314528.35		A	0.6
5	☐	1.000		8161924.18		A	1.0
6	☐	1.000		8111428.63		A	1.5
7	☐	1.000		8279705.57		A	0.5
8	☐	1.000		8182931.27		A	0.6
9	☐	1.000		7612727.04		A	0.3

165 Ho (ISTD) [No Gas]

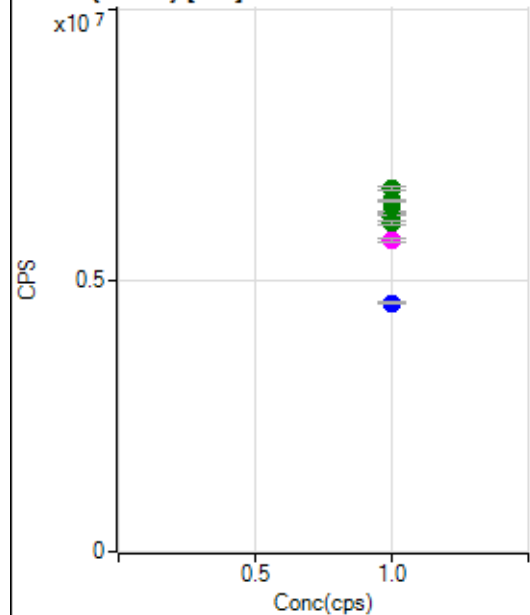
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16964698.64		A	0.3
2	☐	1.000					
3	☐	1.000		16230982.65		A	1.5
4	☐	1.000		16175212.86		A	1.4
5	☐	1.000		15931347.75		A	1.1
6	☐	1.000		15984568.93		A	1.4
7	☐	1.000		16308259.74		A	0.9
8	☐	1.000		16320359.22		A	7.8
9	☐	1.000		14721699.98		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8352311.75		A	0.4
2	☐	1.000					
3	☐	1.000		8136740.51		A	0.9
4	☐	1.000		8134578.70		A	1.3
5	☐	1.000		7942796.55		A	0.7
6	☐	1.000		8041137.86		A	2.1
7	☐	1.000		8088202.80		A	0.5
8	☐	1.000		8064044.05		A	0.3
9	☐	1.000		7498888.85		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11805163.85		A	0.7
2	☐	1.000					
3	☐	1.000		11298222.40		A	1.5
4	☐	1.000		11183863.03		A	1.0
5	☐	1.000		10824184.42		A	0.7
6	☐	1.000		10790462.76		A	0.2
7	☐	1.000		10760107.27		A	1.1
8	☐	1.000		10440765.05		A	8.2
9	☐	1.000		8218552.94		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6683356.29		A	1.0
2	☐	1.000					
3	☐	1.000		6476166.85		A	0.3
4	☐	1.000		6453759.56		A	0.7
5	☐	1.000		6260091.43		A	0.6
6	☐	1.000		6147670.32		A	1.4
7	☐	1.000		6067962.76		A	0.9
8	☐	1.000		5734862.94		M	1.2
9	☐	1.000		4579847.23		P	1.0