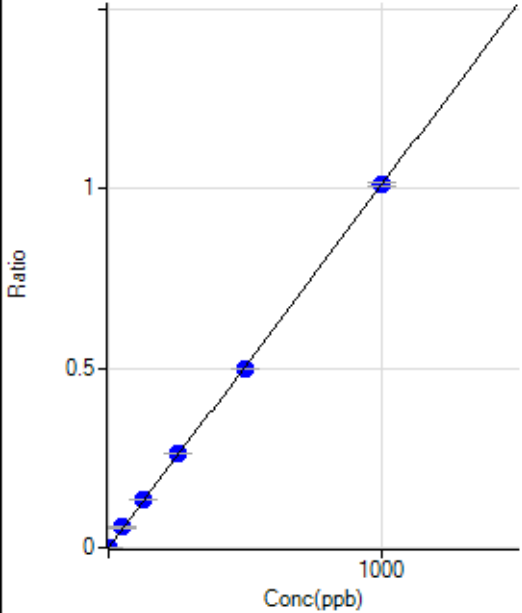


Calibration for 011CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7103024 MS.b\
 Analysis File: P7103024 MS.batch.bin
 DA Date-Time: 2024-10-30 14:18:48
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-30 12:18:29
2	006CAL.S.d	S02	2024-10-30 12:25:05
3	007CAL.S.d	S03	2024-10-30 12:28:22
4	008CAL.S.d	S04	2024-10-30 12:31:33
5	009CAL.S.d	S05	2024-10-30 12:34:33
6	010CAL.S.d	S06	2024-10-30 12:37:28
7	011CAL.S.d	S07	2024-10-30 12:40:14
8	012CAL.S.d	S08	2024-10-30 12:43:00

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	53.2
2	☐	1.000	1.030	530.01	0.0011	P	4.1
3	☐	50.000	56.032	28455.01	0.0566	P	4.7
4	☐	125.000	133.756	73163.31	0.1350	P	0.8
5	☐	250.000	259.566	151580.77	0.2620	P	1.4
6	☐	500.000	492.334	308432.19	0.4969	P	0.8
7	☐	1000.000	1000.045	634120.86	1.0093	P	1.0
8	☐			100.00	0.0002	P	7.8

$y = 0.0010 * x + 2.6774E-005$

R = 0.9999

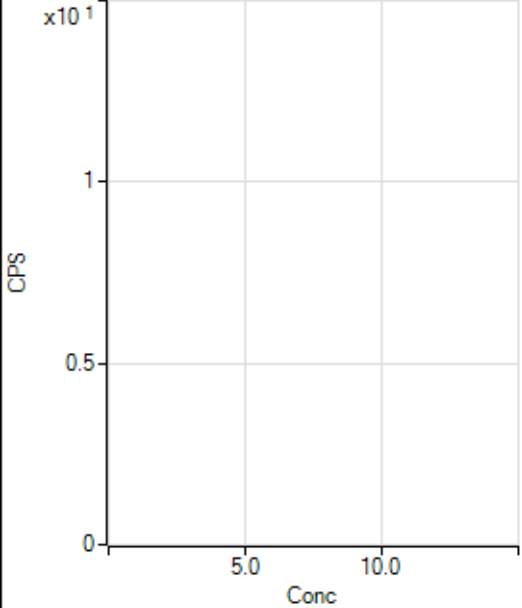
DL = 0.04237

BEC = 0.02653

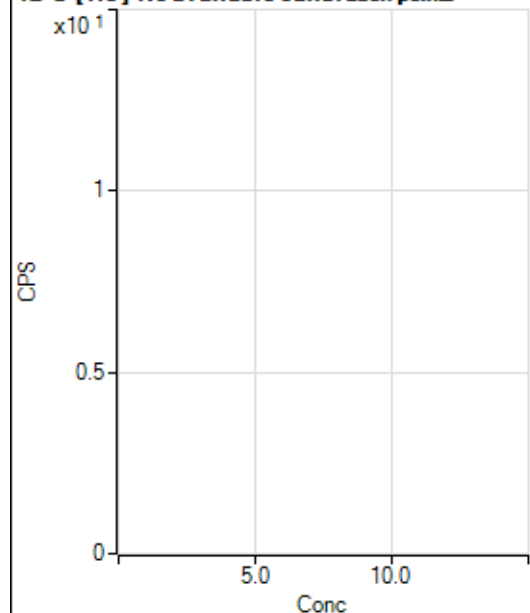
Weight: <None>

Min Conc: 0

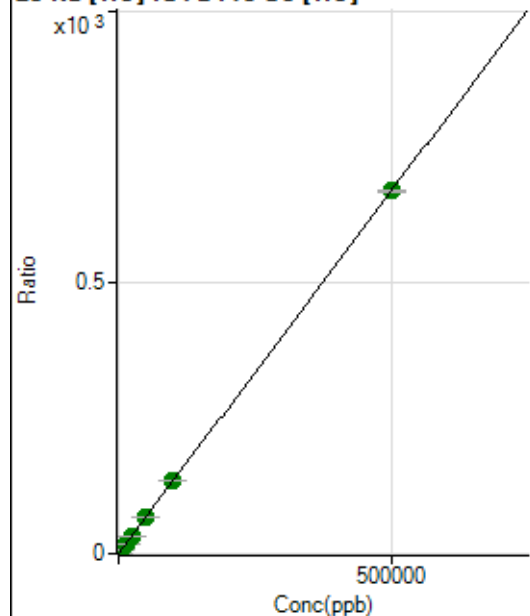
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31445.47	0.1053	P	1.1
2	☐	500.000	493.978	223707.42	0.7667	P	0.7
3	☐	5000.000	5005.219	1999375.25	6.8068	A	1.5
4	☐	12500.000	12265.134	4746665.93	16.5272	A	0.6
5	☐	25000.000	24765.290	9427426.32	33.2639	A	0.6
6	☐	50000.000	50198.624	18653460.97	67.3169	A	0.6
7	☐	100000.00	100800.96	37611898.61	135.0691	A	0.6
8	☐	500000.00	499837.50	190830343.8	669.3448	A	0.3

$$y = 0.0013 * x + 0.1053$$

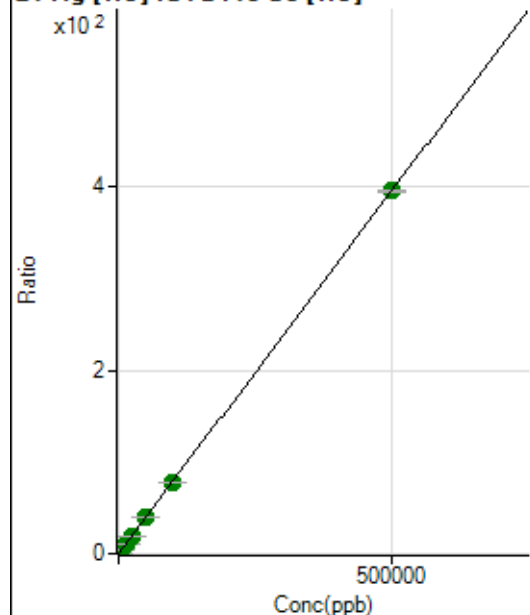
$$R = 1.0000$$

$$DL = 2.694$$

$$BEC = 78.63$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	303.34	0.0010	P	7.5
2	☐	500.000	506.178	117048.83	0.4011	P	0.9
3	☐	5000.000	4908.148	1139897.52	3.8809	A	0.7
4	☐	12500.000	12198.445	2769717.29	9.6438	A	0.2
5	☐	25000.000	24318.457	5448647.14	19.2245	A	0.3
6	☐	50000.000	49361.931	10812661.99	39.0211	A	0.8
7	☐	100000.00	98687.243	21724158.43	78.0123	A	0.9
8	☐	500000.00	500368.88	112766464.9	395.5378	A	0.6

$$y = 7.9049\text{E-}004 * x + 0.0010$$

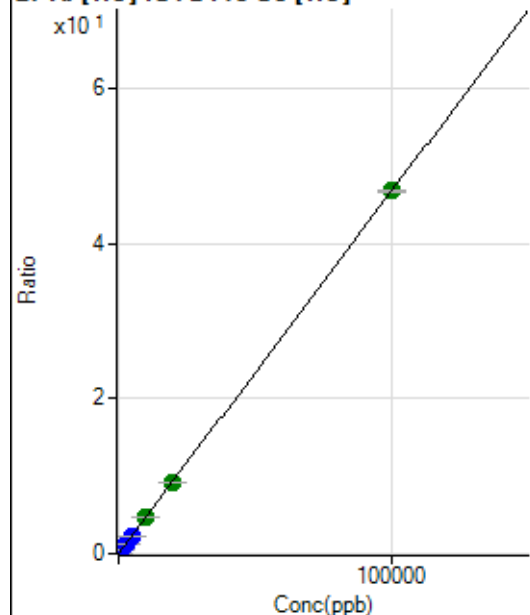
$$R = 1.0000$$

$$DL = 0.2898$$

$$BEC = 1.285$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	222.22	0.0007	P	21.2
2	☐	20.000	18.781	2783.61	0.0095	P	2.2
3	☐	1000.000	1020.023	140529.00	0.4784	P	0.5
4	☐	2500.000	2508.510	337615.47	1.1755	P	0.7
5	☐	5000.000	4989.436	662438.77	2.3374	P	0.9
6	☐	10000.000	9942.319	1290406.72	4.6570	A	1.8
7	☐	20000.000	19621.032	2559035.50	9.1897	A	0.8
8	☐	100000.00	100081.67	13363043.83	46.8713	A	0.5

$$y = 4.6832\text{E-}004 * x + 7.4388\text{E-}004$$

$$R = 1.0000$$

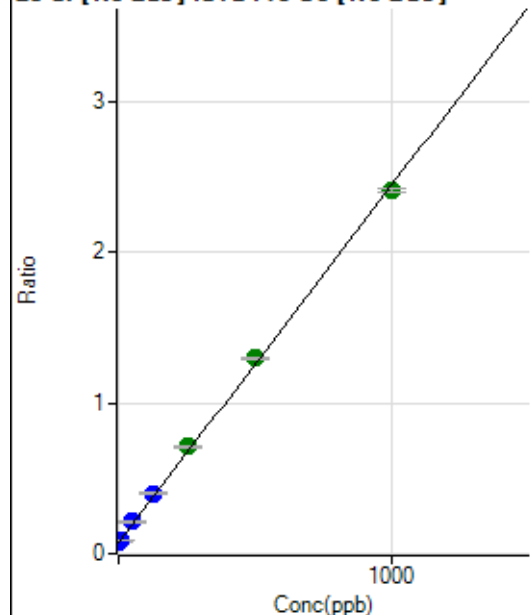
$$DL = 1.01$$

$$BEC = 1.588$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191356.20	0.0739	P	1.5
2	☐	10.000	5.385	211380.92	0.0867	P	1.2
3	☐	50.000	57.897	510306.56	0.2110	P	2.7
4	☐	125.000	137.483	971469.99	0.3995	P	1.3
5	☐	250.000	268.467	1739066.05	0.7097	A	1.7
6	☐	500.000	517.481	3157359.74	1.2993	A	0.8
7	☐	1000.000	984.734	5810396.72	2.4058	A	1.0
8	☐			229414.98	0.0944	P	0.7

$$y = 0.0024 * x + 0.0739$$

$$R = 0.9995$$

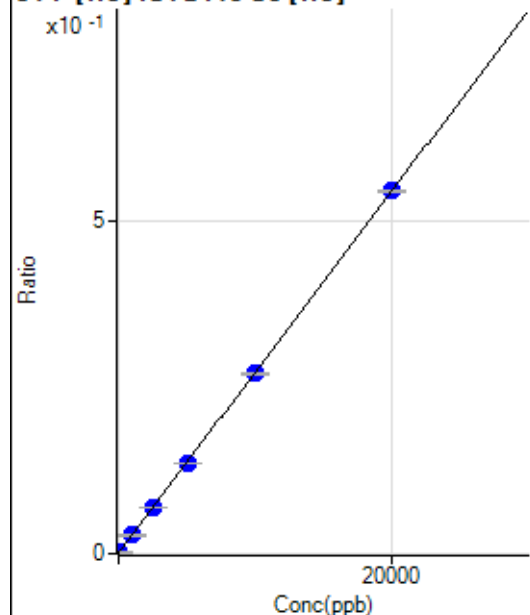
$$DL = 1.4$$

$$BEC = 31.22$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.685	134.45	0.0005	P	20.2
2	☐	0.000	18.685	427.79	0.0015	P	3.2
3	☐	1000.000	980.473	8110.00	0.0276	P	1.5
4	☐	2500.000	2508.928	19862.94	0.0692	P	1.0
5	☐	5000.000	4989.273	38708.91	0.1366	P	0.8
6	☐	10000.000	9938.381	75127.74	0.2711	P	0.6
7	☐	20000.000	20033.352	151915.40	0.5455	P	0.5
8	☐			174.45	0.0006	P	7.4

$$y = 2.7183E-005 * x + 9.5808E-004$$

$$R = 1.0000$$

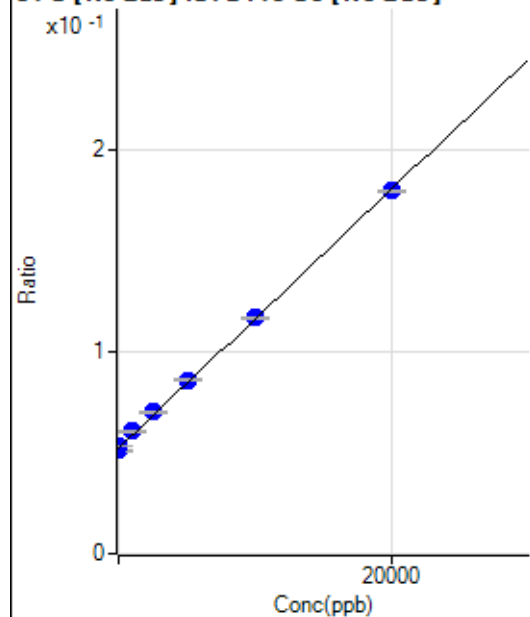
$$DL = 7.624$$

$$BEC = 35.25$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-180.605	131850.23	0.0509	P	1.1
2	☐	0.000	180.605	129855.70	0.0533	P	1.4
3	☐	1000.000	1316.059	146358.07	0.0605	P	2.4
4	☐	2500.000	2770.117	169834.06	0.0698	P	0.5
5	☐	5000.000	5275.263	210466.36	0.0859	P	1.0
6	☐	10000.000	10064.530	283268.20	0.1166	P	0.8
7	☐	20000.000	19849.352	432933.26	0.1793	P	0.4
8	☐			124817.04	0.0514	P	6.0

$$y = 6.4065E-006 * x + 0.0521$$

$$R = 0.9997$$

$$DL = 302.9$$

$$BEC = 8132$$

Weight: <None>

Min Conc: 0

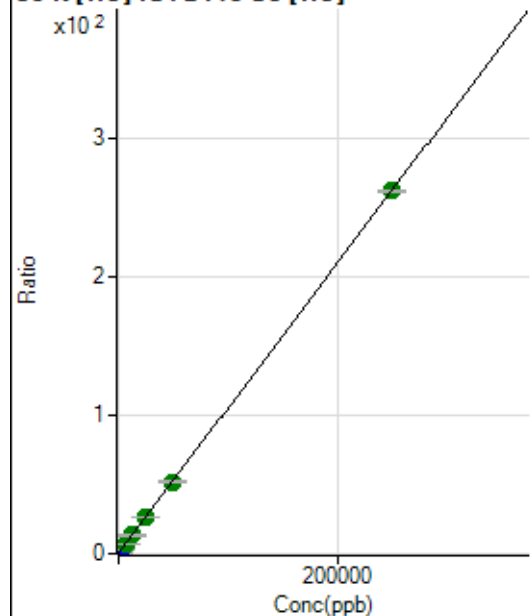
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	81983.52	0.2745	P	0.5
2	☐	500.000	514.576	237476.33	0.8139	P	0.4
3	☐	2500.000	2712.764	915817.75	3.1180	P	0.1
4	☐	6250.000	6315.172	1979987.38	6.8940	A	0.6
5	☐	12500.000	12366.615	3751540.64	13.2370	A	0.6
6	☐	25000.000	24779.644	7273492.67	26.2482	A	0.5
7	☐	50000.000	49497.024	14523869.51	52.1567	A	0.6
8	☐	250000.00	250125.51	74825632.77	262.4532	A	0.4

$$y = 0.0010 * x + 0.2745$$

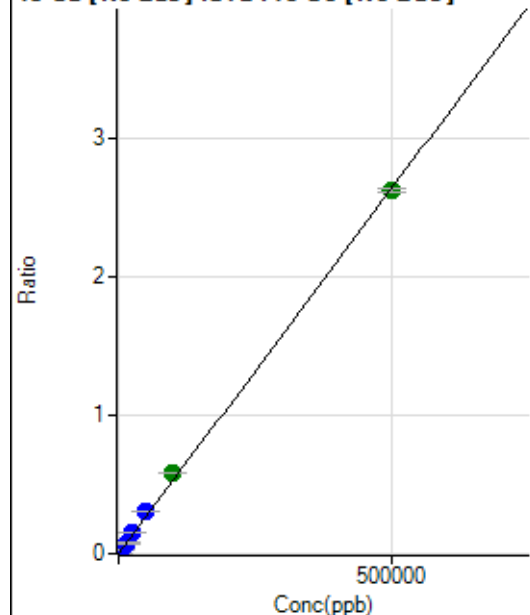
$$R = 1.0000$$

$$DL = 3.704$$

$$BEC = 261.9$$

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	191.12	0.0001	P	13.1
2	☐	500.000	486.791	6444.75	0.0026	P	1.7
3	☐	5000.000	5883.711	75242.09	0.0311	P	4.8
4	☐	12500.000	14466.522	185825.41	0.0764	P	0.6
5	☐	25000.000	28561.315	369543.73	0.1508	P	1.9
6	☐	50000.000	57043.178	731767.26	0.3011	P	0.9
7	☐	100000.00	110521.67	1408840.17	0.5833	A	1.7
8	☐	500000.00	496955.29	6372326.85	2.6226	A	1.0

$$y = 5.2773\text{E-}006 * x + 7.3814\text{E-}005$$

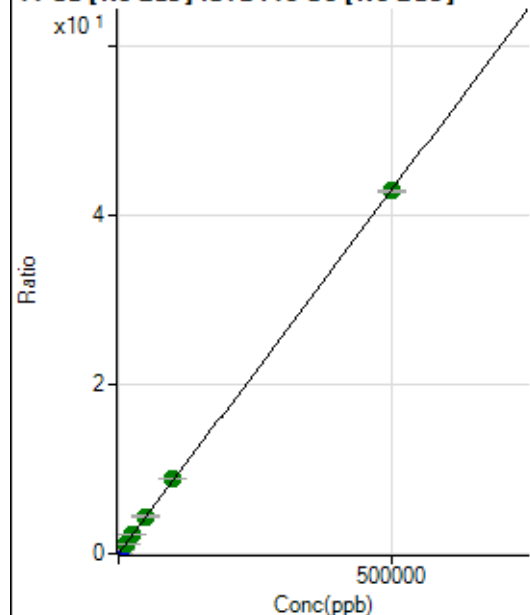
$$R = 0.9997$$

$$DL = 5.495$$

$$BEC = 13.99$$

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	13251.61	0.0051	P	1.3
2	☐	500.000	493.171	115675.80	0.0474	P	0.7
3	☐	5000.000	5568.404	1167568.24	0.4829	P	2.9
4	☐	12500.000	13122.306	2750098.22	1.1309	A	1.5
5	☐	25000.000	25935.427	5465048.60	2.2302	A	0.4
6	☐	50000.000	51390.850	10728256.30	4.4141	A	1.9
7	☐	100000.00	103642.32	21487216.35	8.8970	A	0.3
8	☐	500000.00	499064.44	104048061.7	42.8217	A	0.6

$$y = 8.5794\text{E-}005 * x + 0.0051$$

$$R = 1.0000$$

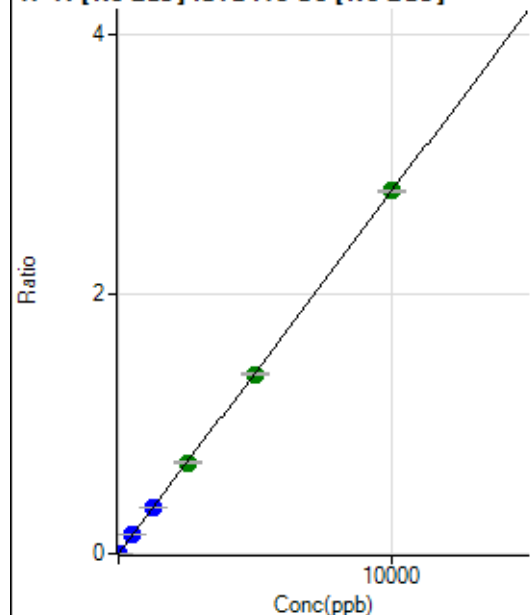
$$DL = 2.394$$

$$BEC = 59.67$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	21.2
2	☐	5.000	4.402	3090.34	0.0013	P	1.5
3	☐	500.000	515.290	347763.86	0.1438	P	3.0
4	☐	1250.000	1267.515	860176.04	0.3537	P	1.1
5	☐	2500.000	2519.595	1722942.27	0.7031	A	0.8
6	☐	5000.000	4956.363	3361305.99	1.3831	A	1.3
7	☐	10000.000	10013.966	6748737.75	2.7943	A	0.6
8	☐			1011.16	0.0004	P	1.4

$$y = 2.7904\text{E-}004 * x + 3.8689\text{E-}005$$

$$R = 1.0000$$

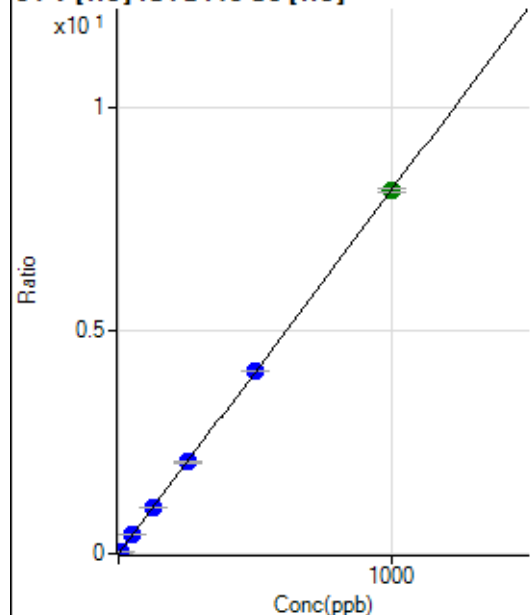
$$DL = 0.08798$$

$$BEC = 0.1387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.6
2	☐	5.000	4.897	11660.15	0.0400	P	0.7
3	☐	50.000	50.780	121587.29	0.4140	P	0.7
4	☐	125.000	126.285	295642.99	1.0294	P	0.5
5	☐	250.000	251.595	581209.75	2.0508	P	1.0
6	☐	500.000	502.787	1135638.13	4.0983	P	0.3
7	☐	1000.000	998.008	2265218.70	8.1348	A	1.0
8	☐			528.90	0.0019	P	8.4

$$y = 0.0082 * x + 4.0894\text{E-}005$$

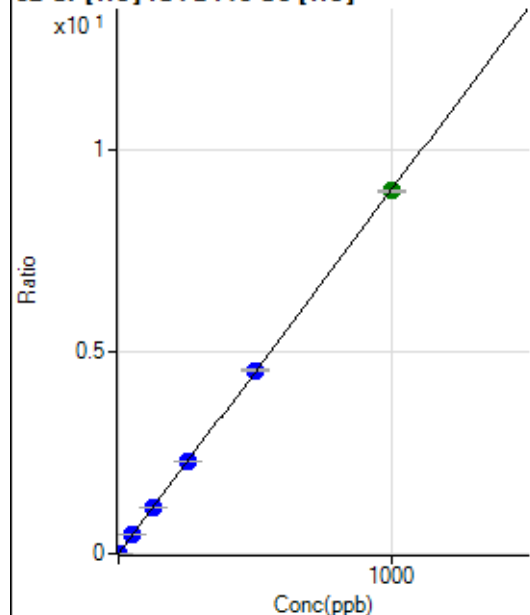
$$R = 1.0000$$

$$DL = 0.008525$$

$$BEC = 0.005017$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	615.58	0.0021	P	7.6
2	☐	2.000	2.034	5957.90	0.0204	P	0.3
3	☐	50.000	51.273	136492.00	0.4647	P	0.6
4	☐	125.000	127.489	330970.53	1.1524	P	0.6
5	☐	250.000	252.304	645805.64	2.2786	P	0.2
6	☐	500.000	503.285	1258920.36	4.5432	P	1.1
7	☐	1000.000	997.407	2506612.39	9.0017	A	0.8
8	☐			10108.88	0.0355	P	18.2

$$y = 0.0090 * x + 0.0021$$

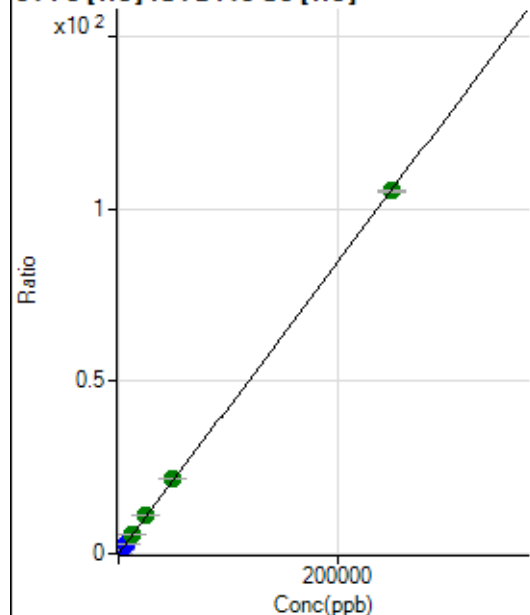
$$R = 1.0000$$

$$DL = 0.05236$$

$$BEC = 0.2285$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1323.41	0.0044	P	2.5
2	☐	50.000	56.009	8194.53	0.0281	P	1.4
3	☐	2500.000	2706.546	337026.92	1.1474	P	0.3
4	☐	6250.000	6734.515	818081.31	2.8485	P	1.0
5	☐	12500.000	12918.027	1547375.51	5.4598	A	1.1
6	☐	25000.000	25863.074	3027762.18	10.9266	A	0.5
7	☐	50000.000	51556.271	6064302.34	21.7771	A	0.3
8	☐	250000.00	249567.35	30049307.05	105.3989	A	0.2

$$y = 4.2231E-004 * x + 0.0044$$

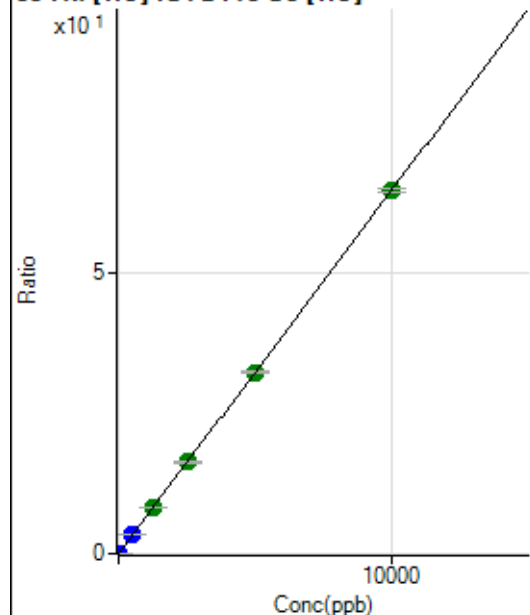
$$R = 1.0000$$

$$DL = 0.7913$$

$$BEC = 10.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0011	P	11.3
2	☐	1.000	1.010	2237.97	0.0077	P	3.0
3	☐	500.000	511.445	975016.44	3.3195	P	0.3
4	☐	1250.000	1254.192	2337434.52	8.1387	A	1.1
5	☐	2500.000	2519.461	4633524.79	16.3482	A	0.6
6	☐	5000.000	5003.850	8996687.09	32.4677	A	1.4
7	☐	10000.000	9992.114	18053171.95	64.8332	A	1.1
8	☐			9626.47	0.0338	P	0.8

$$y = 0.0065 * x + 0.0011$$

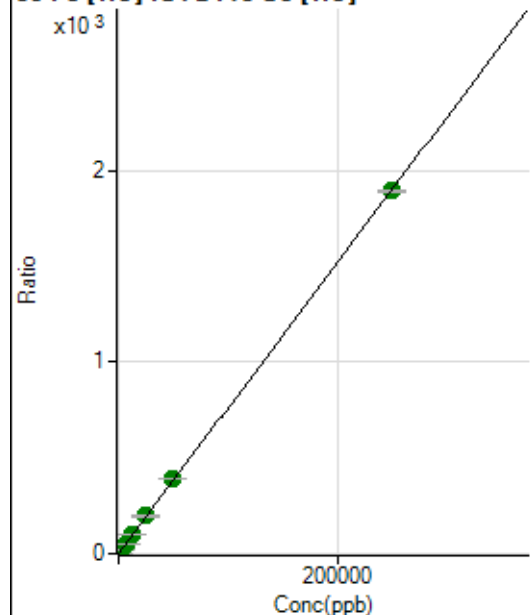
$$R = 1.0000$$

$$DL = 0.05838$$

$$BEC = 0.172$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10027.87	0.0336	P	2.8
2	☐	50.000	51.577	124093.63	0.4253	P	0.6
3	☐	2500.000	2588.312	5783780.19	19.6912	A	0.6
4	☐	6250.000	6423.228	14020152.01	48.8166	A	0.8
5	☐	12500.000	12859.448	27688229.03	97.6982	A	1.0
6	☐	25000.000	25813.491	54334044.19	196.0813	A	0.8
7	☐	50000.000	51215.810	108324066.1	389.0062	A	1.0
8	☐	250000.00	249652.30	540571396.3	1,896.087	A	0.2

$$y = 0.0076 * x + 0.0336$$

$$R = 1.0000$$

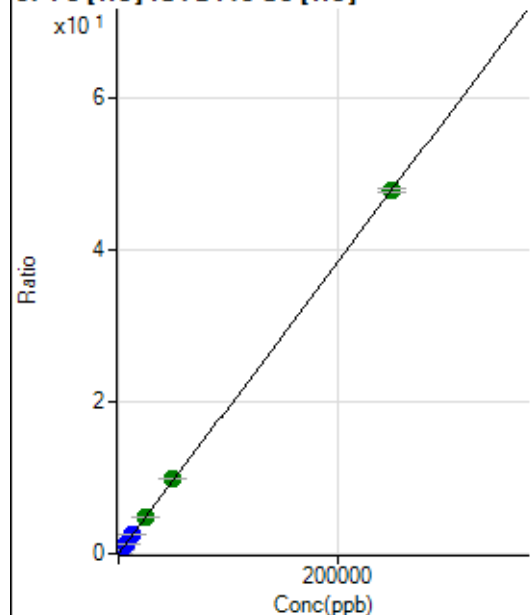
$$DL = 0.366$$

$$BEC = 4.421$$

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	2871.41	0.0096	P	2.6
2	☐	50.000	55.086	5880.08	0.0202	P	3.5
3	☐	2500.000	2641.124	151235.25	0.5149	P	0.4
4	☐	6250.000	6642.836	367751.94	1.2805	P	1.2
5	☐	12500.000	13196.595	718248.70	2.5343	P	0.7
6	☐	25000.000	25431.835	1350889.78	4.8751	A	0.6
7	☐	50000.000	51111.791	2725592.91	9.7880	A	0.7
8	☐	250000.00	249688.39	13621396.46	47.7783	A	0.9

$$y = 1.9131\text{E-}004 * x + 0.0096$$

$$R = 1.0000$$

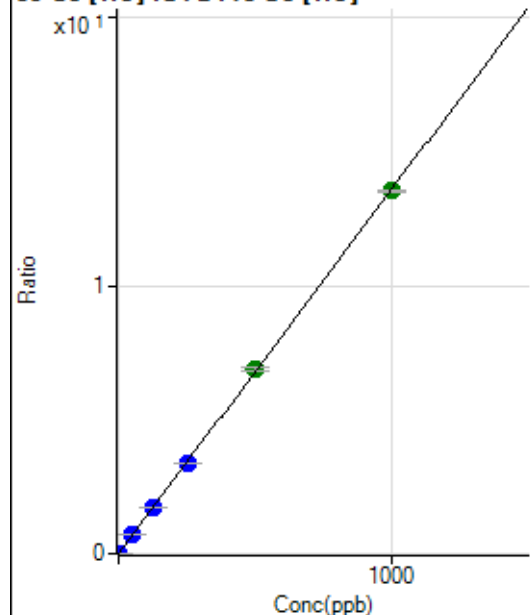
$$DL = 3.88$$

$$BEC = 50.25$$

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	102.22	0.0003	P	13.2
2	☐	1.000	0.994	4039.47	0.0138	P	1.8
3	☐	50.000	50.356	201056.08	0.6845	P	0.2
4	☐	125.000	124.578	486211.69	1.6929	P	0.5
5	☐	250.000	248.529	957051.82	3.3770	P	1.1
6	☐	500.000	508.393	1914039.69	6.9077	A	2.1
7	☐	1000.000	996.206	3769219.29	13.5354	A	0.3
8	☐			10335.86	0.0363	P	3.1

$$y = 0.0136 * x + 3.4214\text{E-}004$$

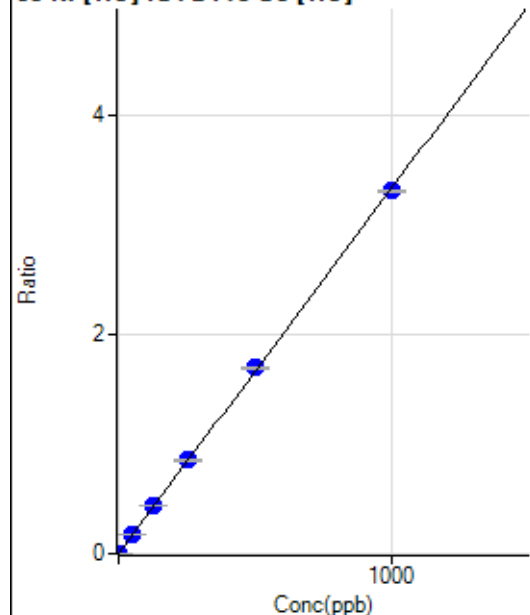
$$R = 0.9999$$

$$DL = 0.009994$$

$$BEC = 0.02518$$

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	91.11	0.0003	P	20.5
2	☐	1.000	1.052	1112.27	0.0038	P	8.3
3	☐	50.000	52.244	51256.15	0.1745	P	0.9
4	☐	125.000	129.622	124219.41	0.4325	P	1.1
5	☐	250.000	255.886	241892.98	0.8535	P	1.2
6	☐	500.000	508.767	470162.04	1.6967	P	1.0
7	☐	1000.000	993.455	922529.61	3.3129	P	0.5
8	☐			4560.74	0.0160	P	2.2

$$y = 0.0033 * x + 3.0518E-004$$

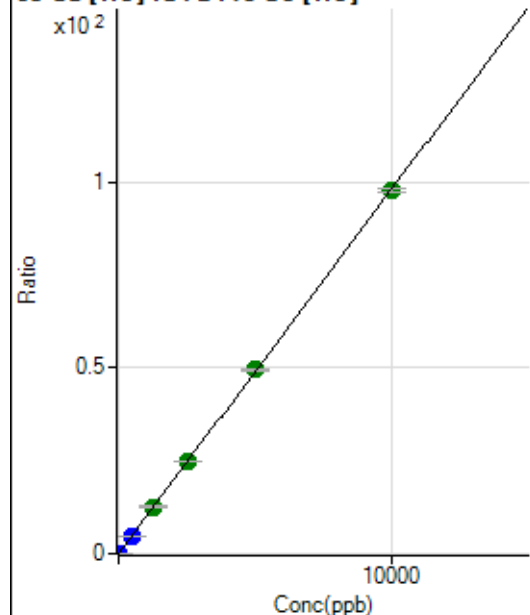
$$R = 0.9999$$

$$DL = 0.05632$$

$$BEC = 0.09152$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1024.49	0.0034	P	3.6
2	☐	2.000	1.855	6304.72	0.0216	P	2.9
3	☐	500.000	497.722	1433225.05	4.8796	P	0.6
4	☐	1250.000	1292.912	3638868.80	12.6700	A	1.0
5	☐	2500.000	2536.504	7043837.74	24.8534	A	0.5
6	☐	5000.000	5053.174	13718838.27	49.5091	A	0.8
7	☐	10000.000	9959.037	27170125.43	97.5715	A	1.0
8	☐			7430.80	0.0261	P	0.6

$$y = 0.0098 * x + 0.0034$$

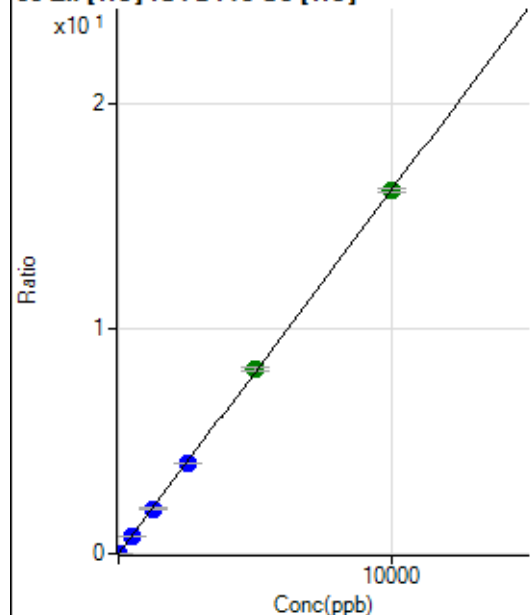
$$R = 1.0000$$

$$DL = 0.03814$$

$$BEC = 0.3501$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	374.45	0.0013	P	8.9
2	☐	2.000	4.888	2670.26	0.0092	P	4.0
3	☐	500.000	496.833	236180.09	0.8041	P	0.5
4	☐	1250.000	1239.503	575610.89	2.0042	P	0.6
5	☐	2500.000	2470.637	1131839.28	3.9936	P	0.7
6	☐	5000.000	5055.802	2264125.61	8.1711	A	2.1
7	☐	10000.000	9980.910	4491413.82	16.1297	A	1.1
8	☐			4529.62	0.0159	P	1.1

$$y = 0.0016 * x + 0.0013$$

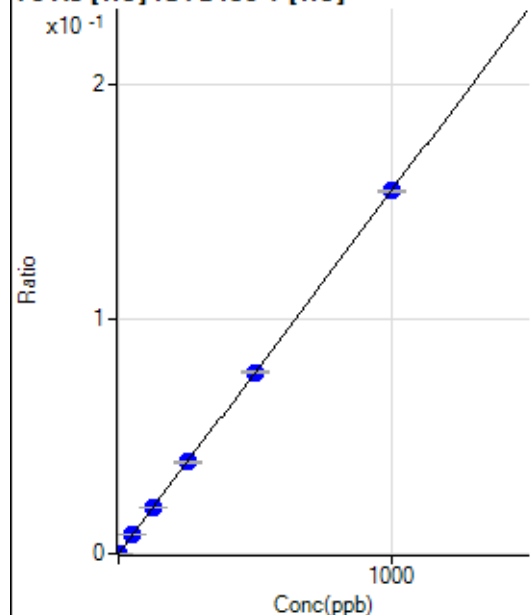
$$R = 1.0000$$

$$DL = 0.2063$$

$$BEC = 0.7757$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	24.4
2	☐	1.000	1.088	386.68	0.0002	P	16.1
3	☐	50.000	52.605	18194.60	0.0081	P	1.4
4	☐	125.000	126.185	43972.68	0.0195	P	0.6
5	☐	250.000	251.829	86932.54	0.0389	P	1.3
6	☐	500.000	498.913	170415.66	0.0771	P	1.2
7	☐	1000.000	999.808	341951.60	0.1545	P	0.5
8	☐			218.89	0.0001	P	13.7

$$y = 1.5455E-004 * x + 3.3900E-006$$

$$R = 1.0000$$

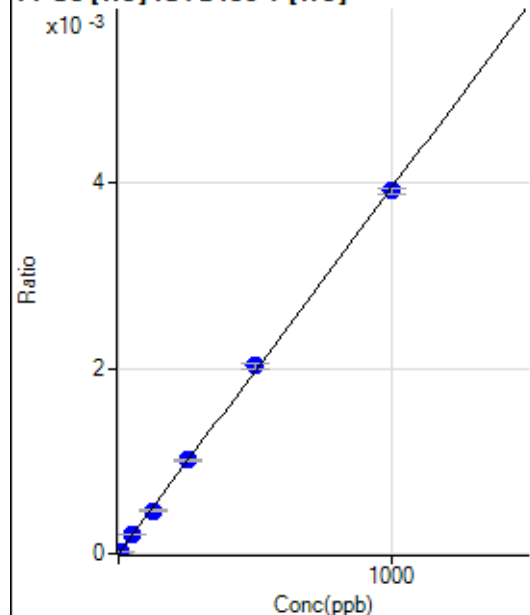
$$DL = 0.01607$$

$$BEC = 0.02193$$

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	3.33	0.0000	P	99.7
2	☐	5.000	4.878	46.67	0.0000	P	21.7
3	☐	50.000	52.116	463.34	0.0002	P	4.1
4	☐	125.000	116.993	1044.49	0.0005	P	5.3
5	☐	250.000	256.251	2262.42	0.0010	P	1.4
6	☐	500.000	513.439	4481.83	0.0020	P	2.3
7	☐	1000.000	992.614	8673.73	0.0039	P	1.5
8	☐			1.11	0.0000	P	173.

$$y = 3.9473\text{E-}006 * x + 1.4539\text{E-}006$$

$$R = 0.9998$$

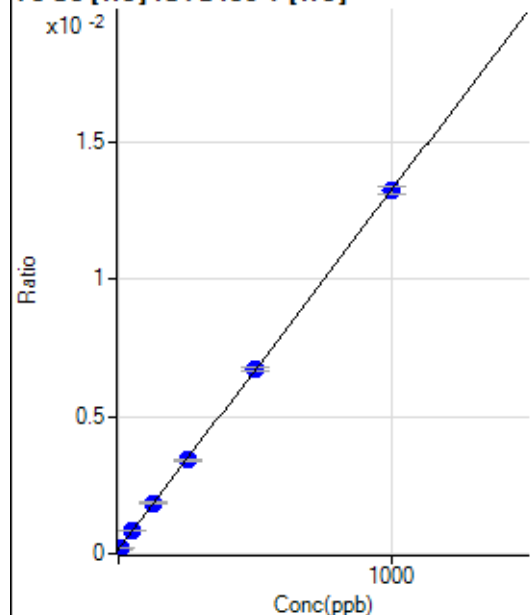
$$DL = 1.101$$

$$BEC = 0.3683$$

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	357.79	0.0002	P	8.6
2	☐	5.000	5.681	518.91	0.0002	P	10.5
3	☐	50.000	52.293	1877.92	0.0008	P	2.9
4	☐	125.000	129.591	4169.52	0.0018	P	3.5
5	☐	250.000	249.577	7634.27	0.0034	P	1.9
6	☐	500.000	502.565	14864.20	0.0067	P	1.7
7	☐	1000.000	998.131	29213.33	0.0132	P	2.2
8	☐			357.79	0.0002	P	6.3

$$y = 1.3070\text{E-}005 * x + 1.5598\text{E-}004$$

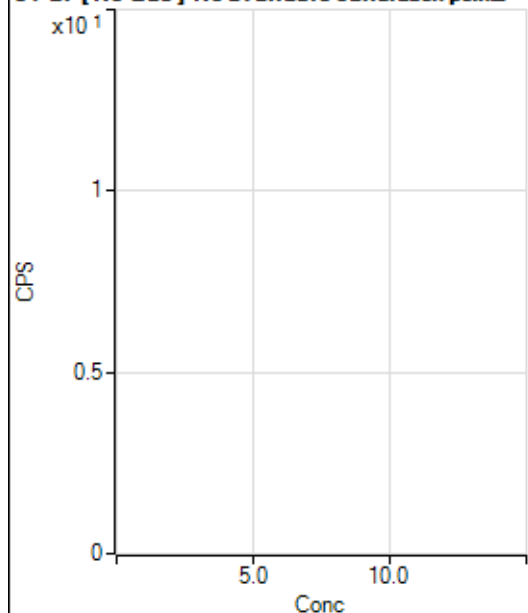
$$R = 1.0000$$

$$DL = 3.086$$

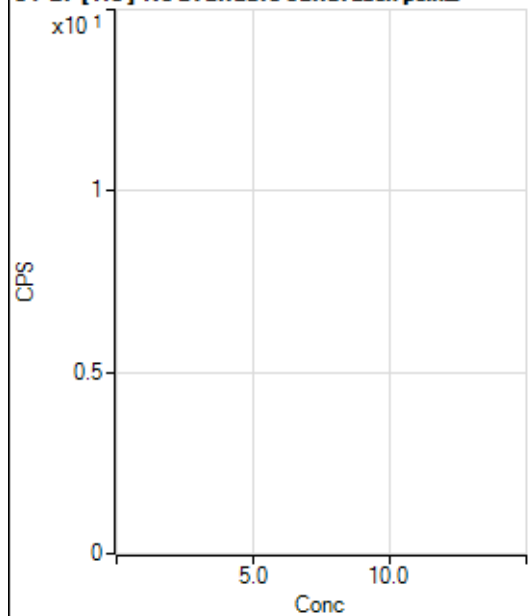
$$BEC = 11.93$$

Weight: <None>

Min Conc: 0

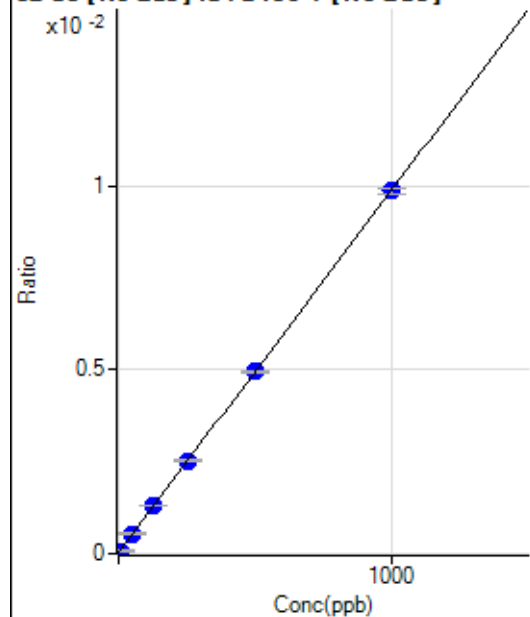
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5807.86		P	1.9
2	☐			5159.85		P	2.6
3	☐			5058.70		P	2.3
4	☐			5140.93		P	2.7
5	☐			4915.31		P	2.4
6	☐			4938.65		P	1.3
7	☐			4724.14		P	2.0
8	☐			5185.40		P	3.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	10.8
2	☐			43.33		P	7.7
3	☐			47.78		P	21.3
4	☐			34.44		P	43.6
5	☐			37.78		P	10.2
6	☐			54.44		P	14.1
7	☐			38.89		P	21.6
8	☐			58.89		P	8.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	240.34	0.0000	P	14.7
2	☐	5.000	4.792	568.99	0.0001	P	8.9
3	☐	50.000	51.787	4029.58	0.0005	P	6.4
4	☐	125.000	129.333	9785.46	0.0013	P	1.2
5	☐	250.000	254.167	19089.31	0.0025	P	2.0
6	☐	500.000	499.892	37618.15	0.0050	P	1.1
7	☐	1000.000	998.382	74680.21	0.0099	P	1.6
8	☐			302.93	0.0000	P	10.5

$$y = 9.8510E-006 * x + 3.0364E-005$$

$$R = 1.0000$$

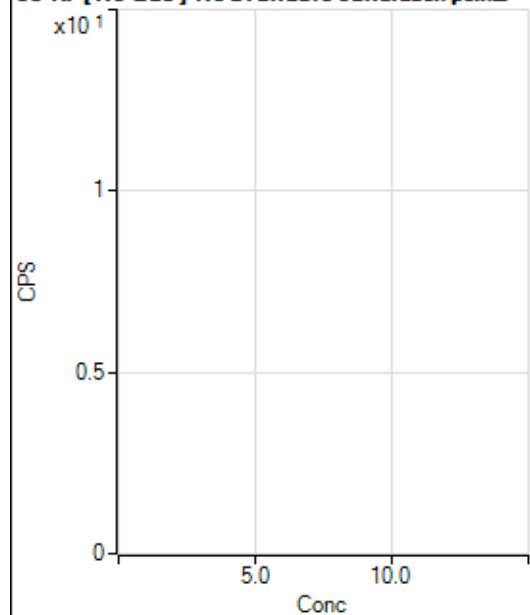
$$DL = 1.357$$

$$BEC = 3.082$$

Weight: <None>

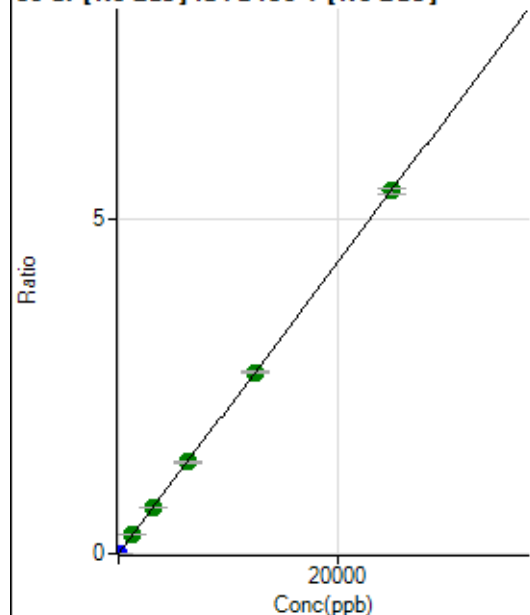
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			188.89		P	25.2
2	☐			180.00		P	23.6
3	☐			208.89		P	9.1
4	☐			172.23		P	23.3
5	☐			180.00		P	0.0
6	☐			175.56		P	18.0
7	☐			183.34		P	3.6
8	☐			185.56		P	13.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	332.23	0.0000	P	4.4
2	☐	1.000	0.978	1866.80	0.0003	P	2.5
3	☐	1250.000	1303.068	2111311.81	0.2831	A	2.2
4	☐	3125.000	3148.264	5130040.93	0.6838	A	1.7
5	☐	6250.000	6313.794	10330777.34	1.3714	A	1.3
6	☐	12500.000	12491.051	20599889.97	2.7131	A	1.5
7	☐	25000.000	24982.965	41077031.89	5.4264	A	1.8
8	☐			6889.46	0.0009	P	1.1

$$y = 2.1720\text{E-}004 * x + 4.2026\text{E-}005$$

$$R = 1.0000$$

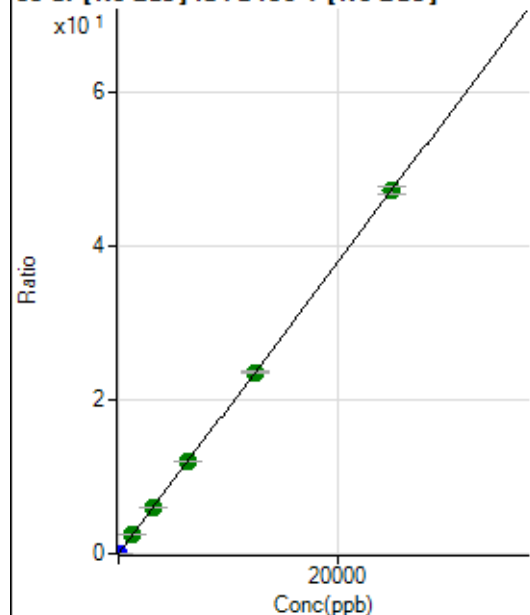
$$DL = 0.02562$$

$$BEC = 0.1935$$

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	126.67	0.0000	P	25.5
2	☐	1.000	0.969	13565.24	0.0018	P	1.4
3	☐	1250.000	1293.409	18245440.42	2.4465	A	2.9
4	☐	3125.000	3164.327	44899609.33	5.9853	A	0.8
5	☐	6250.000	6321.008	90063799.77	11.9561	A	0.9
6	☐	12500.000	12497.962	179484526.2	23.6396	A	1.3
7	☐	25000.000	24976.180	357605670.2	47.2419	A	2.0
8	☐			57164.07	0.0077	P	3.4

$$y = 0.0019 * x + 1.6036\text{E-}005$$

$$R = 1.0000$$

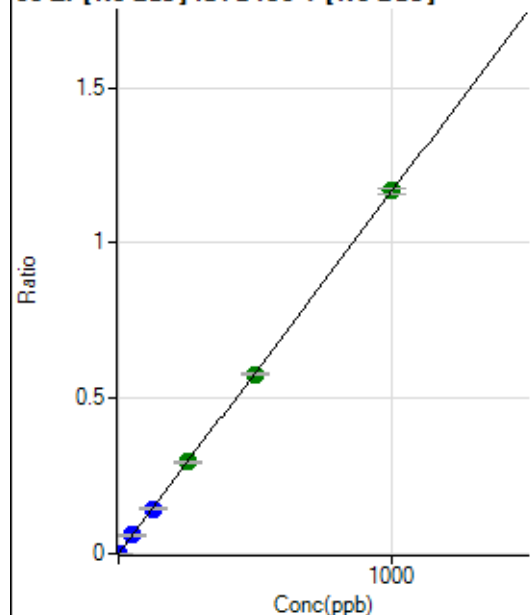
$$DL = 0.006497$$

$$BEC = 0.008478$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	256.67	0.0000	P	23.5
2	☐	1.000	0.955	8399.14	0.0011	P	1.3
3	☐	50.000	50.438	438369.35	0.0588	P	3.2
4	☐	125.000	124.051	1084205.47	0.1445	P	1.8
5	☐	250.000	252.577	2216377.73	0.2942	A	0.4
6	☐	500.000	494.691	4375040.42	0.5762	A	1.0
7	☐	1000.000	1002.107	8835744.59	1.1673	A	1.3
8	☐			5000.90	0.0007	P	2.7

$$y = 0.0012 * x + 3.2405E-005$$

$$R = 1.0000$$

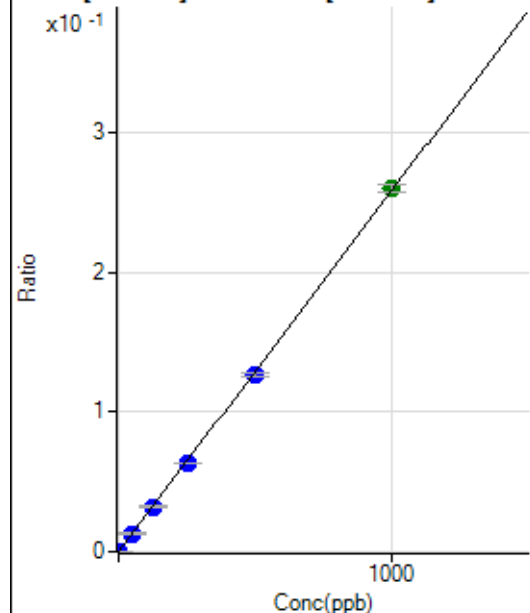
$$DL = 0.01964$$

$$BEC = 0.02782$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	17.6
2	☐	1.000	0.978	1912.37	0.0003	P	1.4
3	☐	50.000	50.381	97175.69	0.0130	P	3.3
4	☐	125.000	124.496	241469.34	0.0322	P	2.4
5	☐	250.000	246.067	479188.52	0.0636	P	1.2
6	☐	500.000	491.247	964163.61	0.1270	P	2.3
7	☐	1000.000	1005.404	1967373.15	0.2599	A	2.2
8	☐			1064.50	0.0001	P	5.4

$$y = 2.5849E-004 * x + 7.8567E-006$$

$$R = 0.9999$$

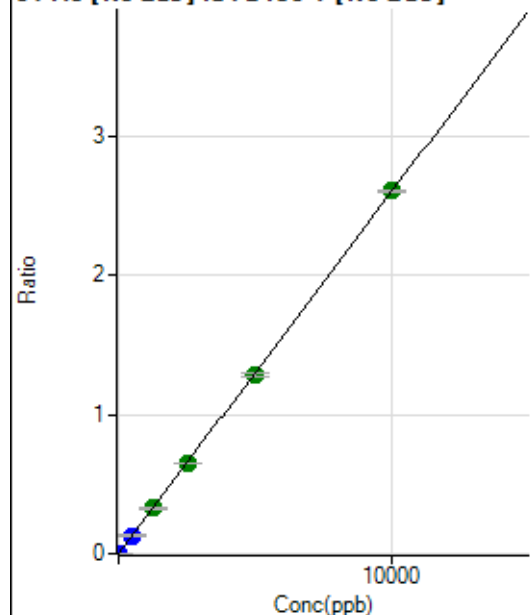
$$DL = 0.01605$$

$$BEC = 0.03039$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0000	P	7.9
2	☐	5.000	5.219	10069.11	0.0014	P	3.6
3	☐	500.000	499.395	969371.76	0.1300	P	3.3
4	☐	1250.000	1249.380	2439458.54	0.3252	A	1.6
5	☐	2500.000	2491.603	4884984.13	0.6485	A	1.2
6	☐	5000.000	4944.191	9769973.74	1.2868	A	1.1
7	☐	10000.000	10030.112	19760201.65	2.6104	A	0.8
8	☐			4499.62	0.0006	P	4.9

$$y = 2.6026\text{E-}004 * x + 1.4206\text{E-}005$$

$$R = 1.0000$$

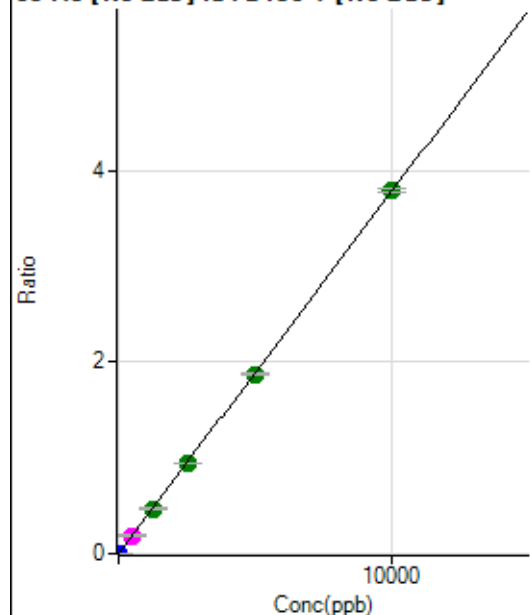
$$DL = 0.013$$

$$BEC = 0.05458$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	60.5
2	☐	5.000	4.241	11791.50	0.0016	P	2.1
3	☐	500.000	499.554	1406928.90	0.1887	M	3.3
4	☐	1250.000	1244.213	3524997.24	0.4699	A	1.4
5	☐	2500.000	2488.216	7078360.03	0.9397	A	0.6
6	☐	5000.000	4961.011	14224252.43	1.8735	A	1.7
7	☐	10000.000	10023.186	28652930.68	3.7852	A	0.9
8	☐			4176.20	0.0006	P	2.2

$$y = 3.7764\text{E-}004 * x + 5.2056\text{E-}006$$

$$R = 1.0000$$

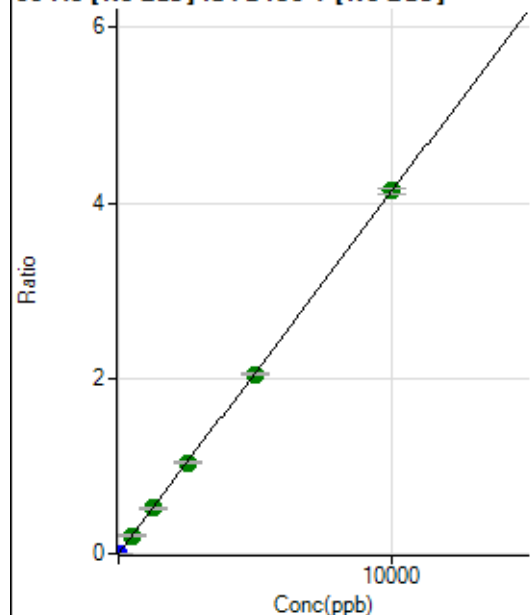
$$DL = 0.02501$$

$$BEC = 0.01378$$

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	51.11	0.0000	P	20.4
2	☐	5.000	4.367	13281.69	0.0018	P	1.4
3	☐	500.000	499.903	1539225.43	0.2064	A	3.7
4	☐	1250.000	1253.064	3881060.43	0.5174	A	2.2
5	☐	2500.000	2502.350	7782444.33	1.0331	A	1.7
6	☐	5000.000	4960.635	15550047.13	2.0481	A	1.5
7	☐	10000.000	10018.717	31312098.15	4.1364	A	1.5
8	☐			8941.70	0.0012	P	2.2

$$y = 4.1286\text{E-}004 * x + 6.4704\text{E-}006$$

$$R = 1.0000$$

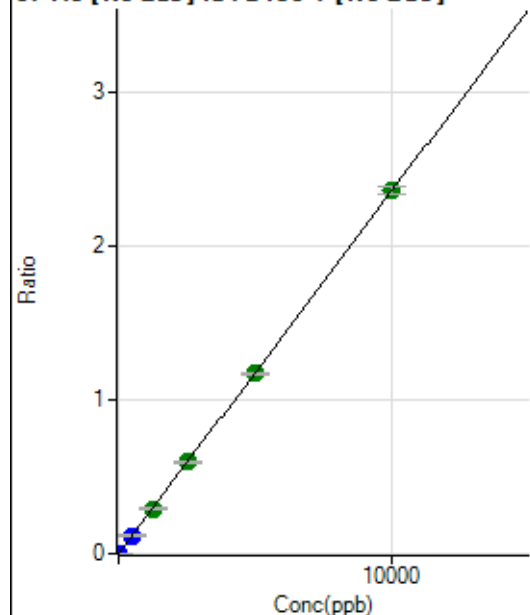
$$DL = 0.009589$$

$$BEC = 0.01567$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	12.8
2	☐	5.000	4.249	7374.15	0.0010	P	1.7
3	☐	500.000	496.419	872906.59	0.1171	P	3.4
4	☐	1250.000	1244.856	2202033.66	0.2935	A	1.7
5	☐	2500.000	2522.169	4479846.84	0.5947	A	1.9
6	☐	5000.000	4964.705	8887557.30	1.1706	A	2.0
7	☐	10000.000	10012.927	17872919.45	2.3609	A	2.0
8	☐			2560.25	0.0003	P	0.9

$$y = 2.3579\text{E-}004 * x + 2.9470\text{E-}006$$

$$R = 1.0000$$

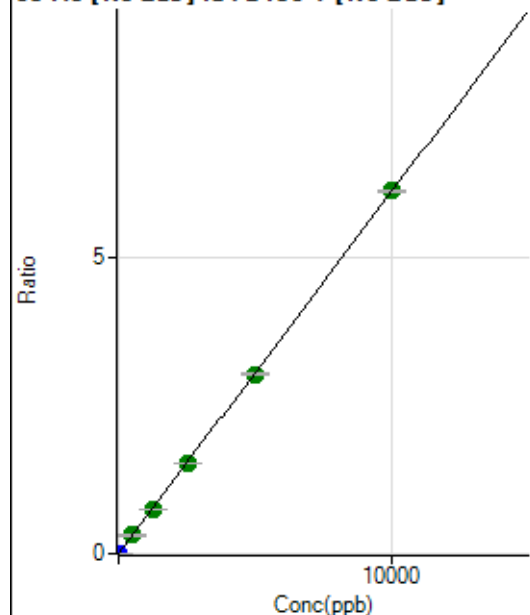
$$DL = 0.004783$$

$$BEC = 0.0125$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0000	P	4.4
2	☐	5.000	4.201	18937.92	0.0026	P	1.7
3	☐	500.000	505.132	2306928.19	0.3094	A	3.9
4	☐	1250.000	1241.899	5705742.21	0.7606	A	1.0
5	☐	2500.000	2498.870	11528226.08	1.5304	A	1.4
6	☐	5000.000	4953.504	23033214.94	3.0337	A	1.2
7	☐	10000.000	10024.287	46472974.31	6.1391	A	0.7
8	☐			6331.44	0.0009	P	3.5

$$y = 6.1243\text{E-}004 * x + 7.8723\text{E-}006$$

$$R = 1.0000$$

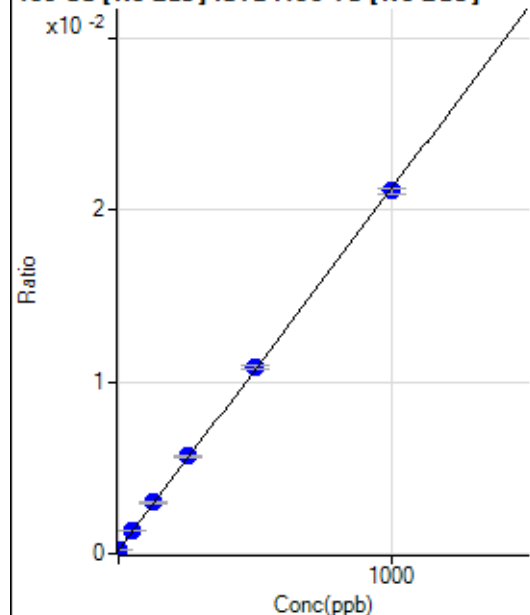
$$DL = 0.00169$$

$$BEC = 0.01285$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1175.61	0.0002	P	3.7
2	☐	1.000	1.274	1244.51	0.0002	P	2.7
3	☐	50.000	54.679	7330.80	0.0014	P	1.8
4	☐	125.000	131.888	16660.78	0.0030	P	1.8
5	☐	250.000	260.366	32607.77	0.0057	P	1.6
6	☐	500.000	506.143	63435.42	0.0108	P	1.9
7	☐	1000.000	993.242	125972.90	0.0211	P	1.6
8	☐			1160.06	0.0002	P	5.1

$$y = 2.1020\text{E-}005 * x + 2.0388\text{E-}004$$

$$R = 0.9999$$

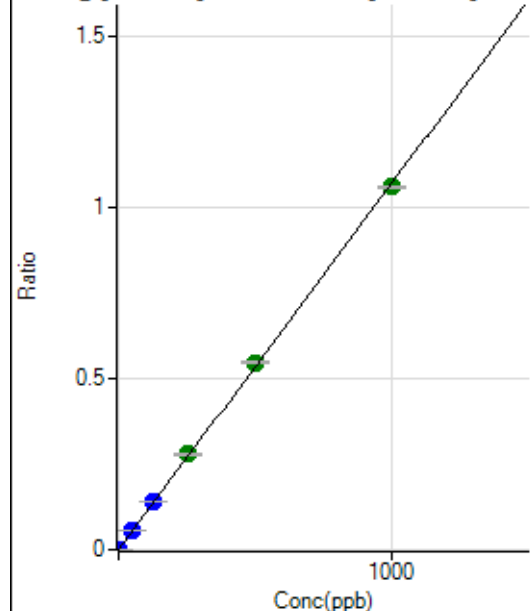
$$DL = 1.066$$

$$BEC = 9.699$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.55	0.0000	P	17.3
2	☐	1.000	0.948	5506.64	0.0010	P	3.5
3	☐	50.000	54.088	313526.41	0.0579	P	2.5
4	☐	125.000	130.028	778933.78	0.1391	P	0.2
5	☐	250.000	261.340	1606311.04	0.2796	A	2.0
6	☐	500.000	510.648	3196356.69	0.5464	A	0.8
7	☐	1000.000	991.008	6335866.15	1.0604	A	0.6
8	☐			754.47	0.0001	P	18.4

$$y = 0.0011 * x + 6.1518E-006$$

$$R = 0.9998$$

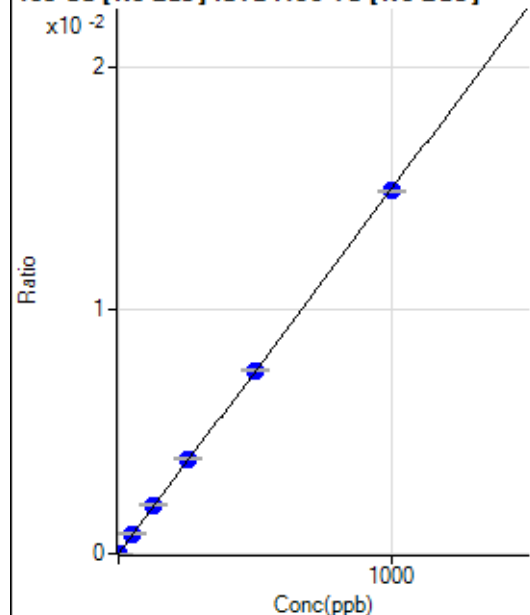
$$DL = 0.00298$$

$$BEC = 0.005749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	33.3
2	☐	1.000	1.013	93.34	0.0000	P	7.1
3	☐	50.000	54.876	4465.18	0.0008	P	7.4
4	☐	125.000	132.616	11136.59	0.0020	P	4.4
5	☐	250.000	259.688	22358.44	0.0039	P	2.4
6	☐	500.000	503.127	44106.80	0.0075	P	0.7
7	☐	1000.000	994.819	89066.76	0.0149	P	0.3
8	☐			48.89	0.0000	P	35.9

$$y = 1.4982E-005 * x + 2.1279E-006$$

$$R = 0.9999$$

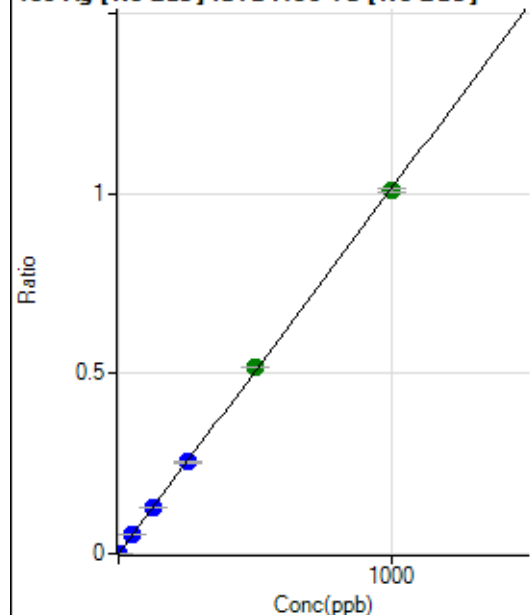
$$DL = 0.1418$$

$$BEC = 0.142$$

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	20.00	0.0000	P	74.5
2	☐	1.000	0.971	5341.03	0.0010	P	5.4
3	☐	50.000	53.310	293273.14	0.0541	P	2.5
4	☐	125.000	128.193	728832.44	0.1302	P	0.7
5	☐	250.000	250.876	1463380.64	0.2548	P	1.2
6	☐	500.000	511.570	3039017.49	0.5195	A	0.1
7	☐	1000.000	993.432	6027972.48	1.0088	A	1.0
8	☐			710.03	0.0001	P	12.9

$$y = 0.0010 * x + 3.4409E-006$$

$$R = 0.9999$$

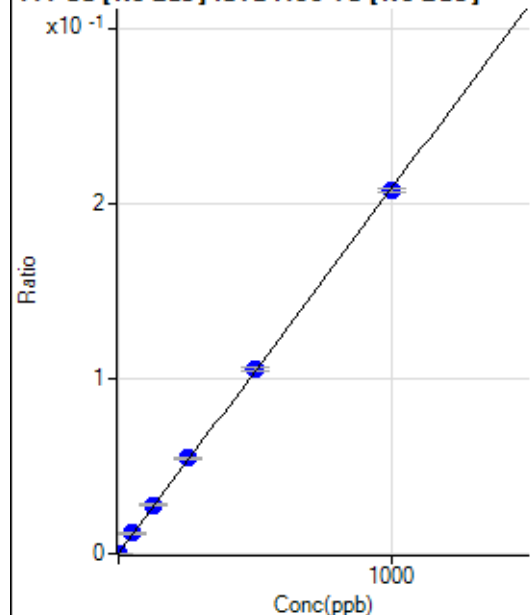
$$DL = 0.007568$$

$$BEC = 0.003388$$

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	821.04	0.0001	P	3.9
2	☐	1.000	1.067	1966.99	0.0004	P	3.8
3	☐	50.000	54.675	62465.86	0.0115	P	2.1
4	☐	125.000	133.215	156158.77	0.0279	P	1.5
5	☐	250.000	260.521	312533.94	0.0544	P	1.3
6	☐	500.000	505.616	616980.42	0.1055	P	1.4
7	☐	1000.000	993.301	1237177.90	0.2071	P	1.1
8	☐			1036.71	0.0002	P	6.9

$$y = 2.0830E-004 * x + 1.4238E-004$$

$$R = 0.9999$$

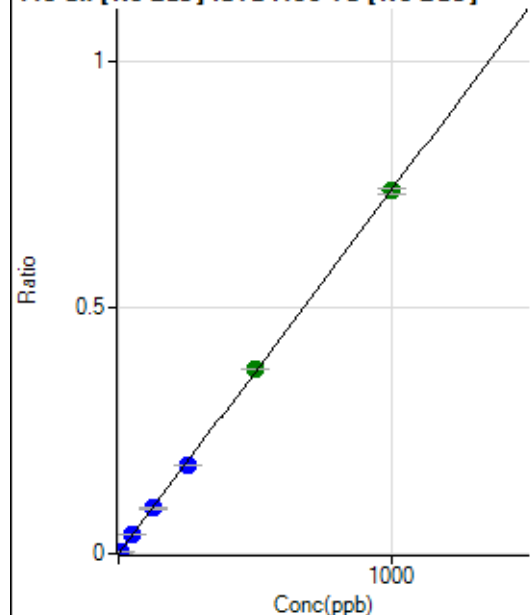
$$DL = 0.08075$$

$$BEC = 0.6835$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	925.59	0.0002	P	2.8
2	☐	5.000	4.604	19205.10	0.0036	P	1.5
3	☐	50.000	51.392	206378.61	0.0381	P	2.2
4	☐	125.000	124.278	514534.07	0.0919	P	1.3
5	☐	250.000	242.627	1029763.24	0.1793	P	1.3
6	☐	500.000	507.602	2193033.89	0.3749	A	0.7
7	☐	1000.000	998.065	4403423.27	0.7369	A	1.4
8	☐			3355.99	0.0006	P	2.9

$$y = 7.3821\text{E-}004 * x + 1.6048\text{E-}004$$

$$R = 0.9999$$

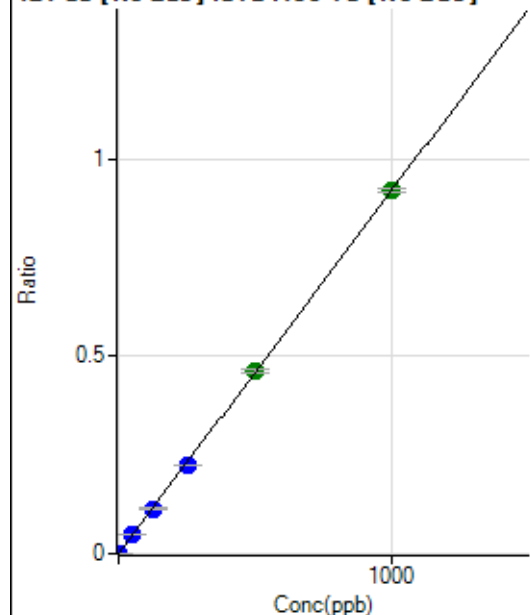
$$DL = 0.01849$$

$$BEC = 0.2174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.7
2	☐	2.000	1.909	9493.20	0.0018	P	2.5
3	☐	50.000	51.248	255025.15	0.0471	P	2.5
4	☐	125.000	124.159	638515.95	0.1140	P	0.8
5	☐	250.000	243.860	1286670.08	0.2240	P	1.7
6	☐	500.000	503.882	2707510.86	0.4628	A	1.6
7	☐	1000.000	999.637	5486325.20	0.9182	A	1.0
8	☐			4392.93	0.0007	P	6.7

$$y = 9.1850\text{E-}004 * x + 5.7840\text{E-}006$$

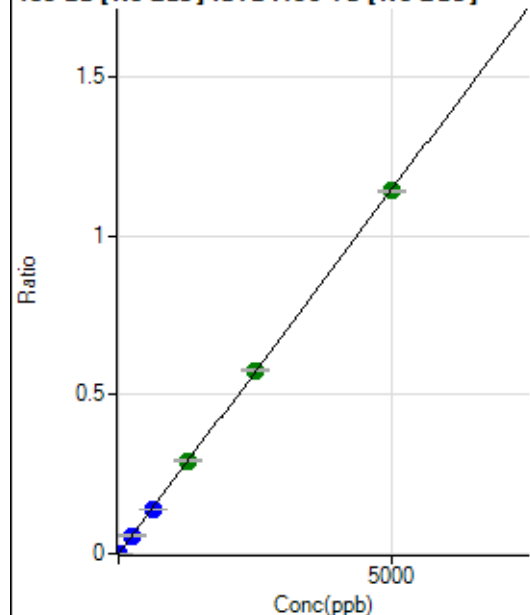
$$R = 1.0000$$

$$DL = 0.005049$$

$$BEC = 0.006297$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.55	0.0000	P	15.4
2	☐	10.000	9.136	11329.03	0.0021	P	1.5
3	☐	250.000	248.899	308741.32	0.0570	P	2.3
4	☐	625.000	606.774	777828.15	0.1389	P	0.7
5	☐	1250.000	1274.764	1676678.35	0.2919	A	1.2
6	☐	2500.000	2522.257	3378321.97	0.5775	A	0.9
7	☐	5000.000	4985.015	6819706.56	1.1413	A	0.2
8	☐			2845.87	0.0005	P	7.5

$$y = 2.2895E-004 * x + 7.9033E-006$$

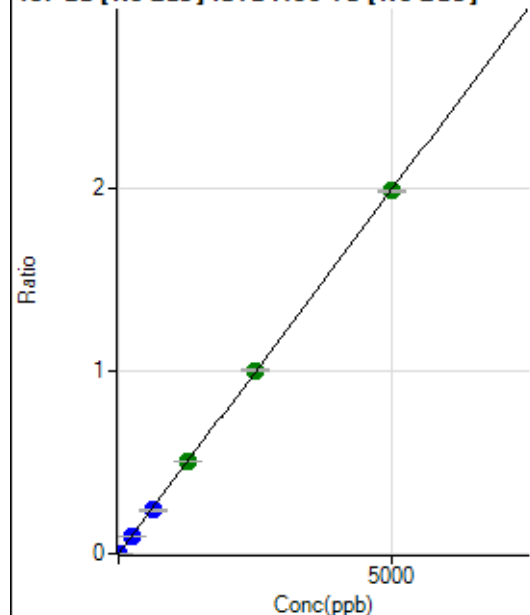
$$R = 1.0000$$

$$DL = 0.01595$$

$$BEC = 0.03452$$

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	67.78	0.0000	P	21.5
2	☐	10.000	9.079	19516.82	0.0036	P	0.4
3	☐	250.000	246.907	531190.91	0.0981	P	2.5
4	☐	625.000	596.045	1325189.32	0.2367	P	0.6
5	☐	1250.000	1264.064	2883426.42	0.5020	A	1.0
6	☐	2500.000	2523.529	5862239.08	1.0021	A	0.5
7	☐	5000.000	4988.495	11836299.82	1.9809	A	0.4
8	☐			4861.98	0.0008	P	2.5

$$y = 3.9710E-004 * x + 1.1732E-005$$

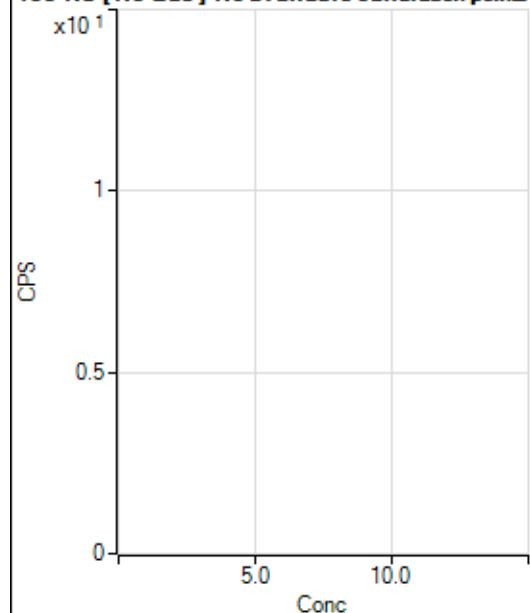
$$R = 1.0000$$

$$DL = 0.01901$$

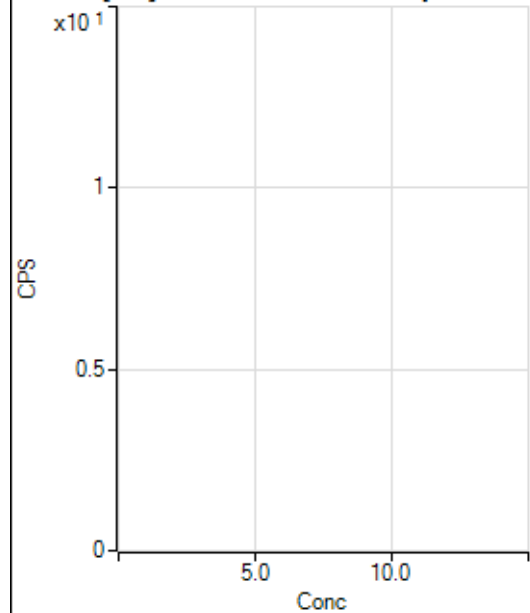
$$BEC = 0.02955$$

Weight: <None>

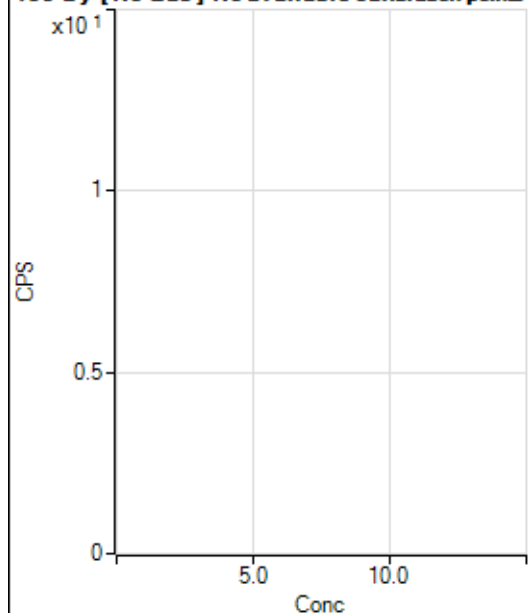
Min Conc: 0

150 Nd [No Gas] No available calibration points

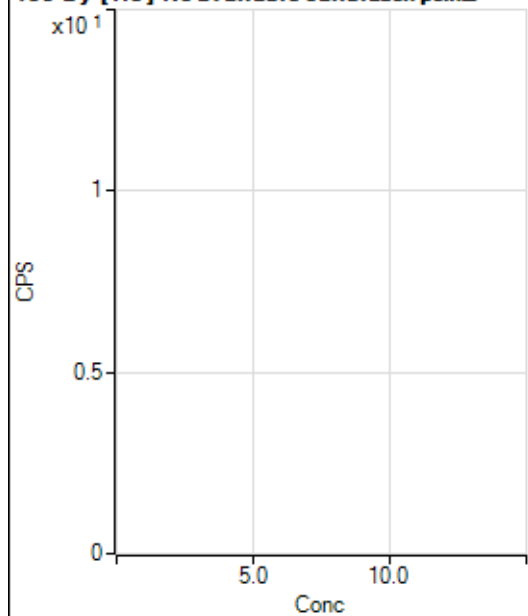
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			6.67		P	50.0
3	☐			14.44		P	35.3
4	☐			36.67		P	9.1
5	☐			45.55		P	15.2
6	☐			108.89		P	12.4
7	☐			212.23		P	10.2
8	☐			105.56		P	18.0

150 Nd [He] No available calibration points

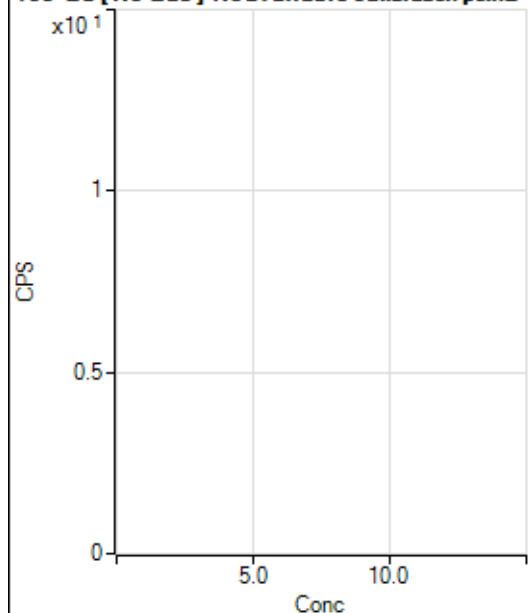
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			4.45		P	86.6
3	☐			3.33		P	100.
4	☐			6.67		P	50.0
5	☐			15.56		P	32.7
6	☐			32.22		P	31.6
7	☐			62.22		P	55.0
8	☐			65.56		P	30.6

156 Dy [No Gas] No available calibration points

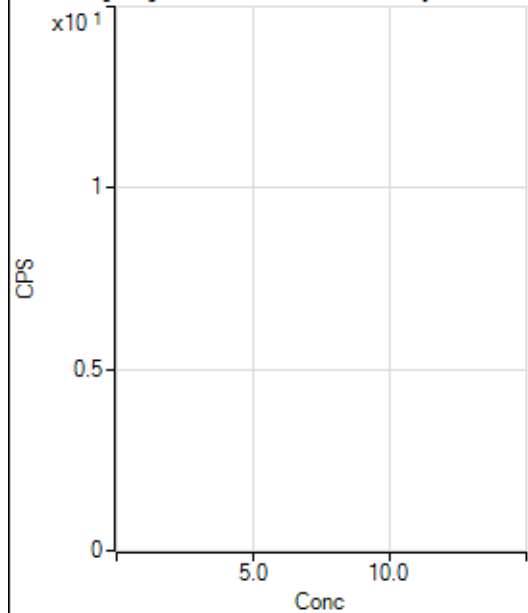
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			277.78		P	12.3
2	☐			246.67		P	18.7
3	☐			230.00		P	10.4
4	☐			232.22		P	15.8
5	☐			244.45		P	9.3
6	☐			272.23		P	1.4
7	☐			354.45		P	10.6
8	☐			418.90		P	7.6

156 Dy [He] No available calibration points

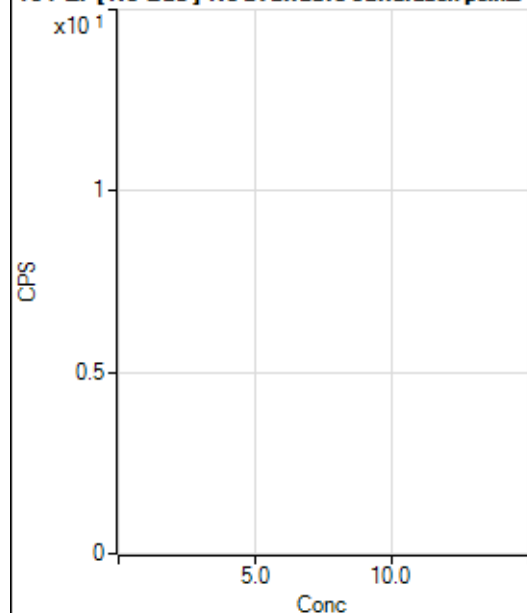
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	21.4
2	☐			75.56		P	13.5
3	☐			65.56		P	15.5
4	☐			105.56		P	24.1
5	☐			141.11		P	15.4
6	☐			213.34		P	13.4
7	☐			400.01		P	11.7
8	☐			221.12		P	9.6

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

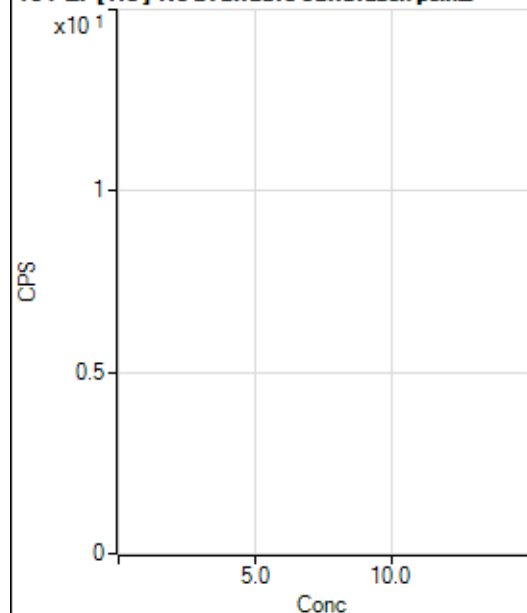
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	37.8
2	☐			27.78		P	25.0
3	☐			24.44		P	20.8
4	☐			35.56		P	5.4
5	☐			41.11		P	32.8
6	☐			48.89		P	25.8
7	☐			82.22		P	13.0
8	☐			175.56		P	2.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			171.11		P	16.6
2	☐			145.56		P	13.0
3	☐			165.56		P	10.1
4	☐			150.00		P	22.6
5	☐			160.00		P	6.3
6	☐			166.67		P	10.4
7	☐			200.01		P	18.9
8	☐			255.56		P	5.3

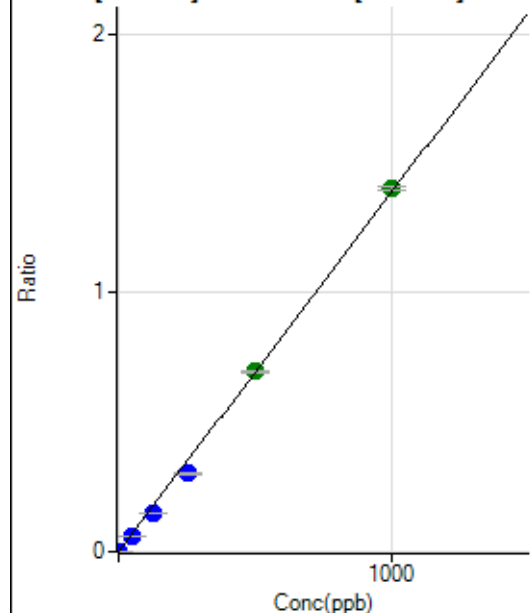
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	20.0
2	☐			41.11		P	16.9
3	☐			34.44		P	14.8
4	☐			41.11		P	38.3
5	☐			50.00		P	30.5
6	☐			48.89		P	10.4
7	☐			92.22		P	2.1
8	☐			247.78		P	18.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	46.6
2	☐			18.89		P	62.0
3	☐			28.89		P	37.1
4	☐			32.22		P	57.0
5	☐			28.89		P	40.5
6	☐			47.78		P	49.5
7	☐			57.78		P	32.8
8	☐			162.23		P	31.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	33.8
2	☐	1.000	0.844	3780.56	0.0012	P	0.3
3	☐	50.000	44.559	198372.86	0.0619	P	0.8
4	☐	125.000	107.925	502360.71	0.1498	P	1.1
5	☐	250.000	217.644	1035789.50	0.3021	P	1.2
6	☐	500.000	501.493	2433380.78	0.6960	A	1.0
7	☐	1000.000	1009.749	5016517.46	1.4014	A	1.1
8	☐			701.14	0.0002	P	5.7

$$y = 0.0014 * x + 1.6327E-005$$

$$R = 0.9994$$

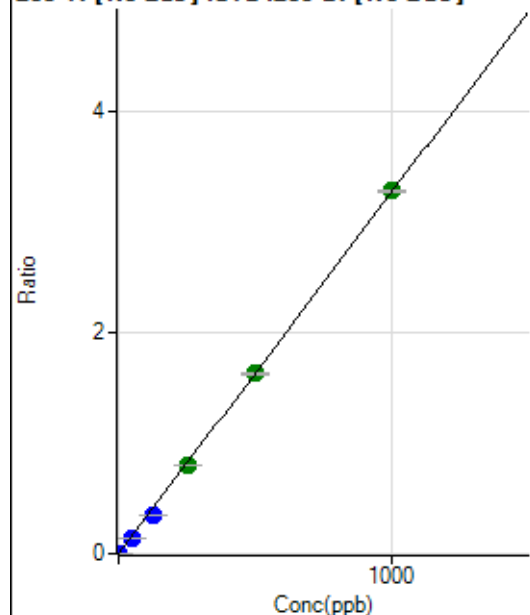
$$DL = 0.01195$$

$$BEC = 0.01176$$

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	152.22	0.0000	P	2.9
2	☐	1.000	0.813	8611.70	0.0027	P	3.5
3	☐	50.000	44.493	467125.36	0.1456	P	1.1
4	☐	125.000	107.727	1182408.09	0.3526	P	1.2
5	☐	250.000	244.938	2748699.45	0.8016	A	1.3
6	☐	500.000	498.375	5701960.26	1.6310	A	0.6
7	☐	1000.000	1004.512	11767789.96	3.2873	A	0.2
8	☐			1585.67	0.0005	P	7.3

$$y = 0.0033 * x + 4.5726E-005$$

$$R = 0.9999$$

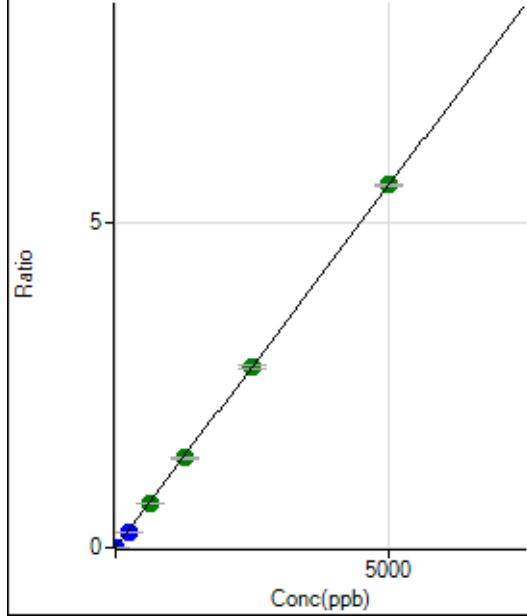
$$DL = 0.001215$$

$$BEC = 0.01397$$

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	157.78	0.0000	P	19.2
2	☐	1.000	0.839	3122.61	0.0010	P	3.0
3	☐	250.000	222.769	795275.72	0.2480	P	1.4
4	☐	625.000	612.377	2285817.17	0.6816	A	1.8
5	☐	1250.000	1236.029	4717404.58	1.3757	A	2.2
6	☐	2500.000	2493.441	9702021.24	2.7751	A	1.5
7	☐	5000.000	5009.712	19959209.42	5.5756	A	0.8
8	☐			3963.96	0.0012	P	3.8

$$y = 0.0011 * x + 4.7547E-005$$

$$R = 1.0000$$

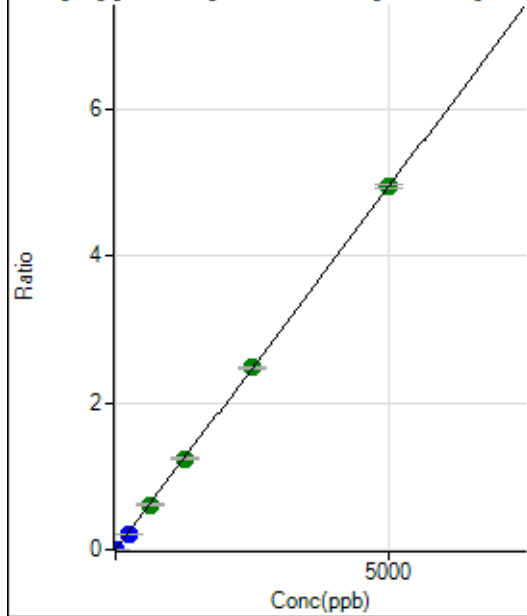
$$DL = 0.02454$$

$$BEC = 0.04272$$

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	165.56	0.0000	P	13.5
2	☐	1.000	0.797	2669.17	0.0008	P	1.5
3	☐	250.000	222.334	705505.78	0.2200	P	0.7
4	☐	625.000	620.197	2057529.52	0.6135	A	1.1
5	☐	1250.000	1249.088	4237029.42	1.2356	A	2.2
6	☐	2500.000	2505.123	8663195.63	2.4781	A	0.9
7	☐	5000.000	4999.650	17704098.07	4.9456	A	1.1
8	☐			3469.36	0.0010	P	6.3

$$y = 9.8918E-004 * x + 4.9802E-005$$

$$R = 1.0000$$

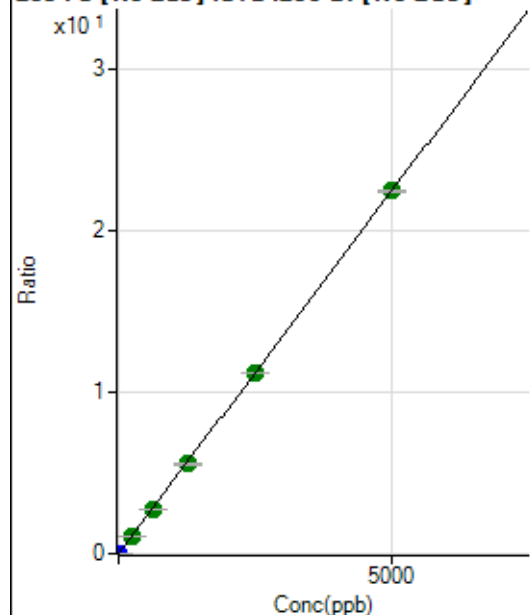
$$DL = 0.02036$$

$$BEC = 0.05035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.13	0.0002	P	12.7
2	☐	1.000	0.825	12432.36	0.0039	P	0.1
3	☐	250.000	239.072	3438065.11	1.0720	A	1.5
4	☐	625.000	619.246	9310897.00	2.7764	A	0.9
5	☐	1250.000	1240.071	19064208.57	5.5597	A	1.4
6	☐	2500.000	2496.352	39125540.18	11.1919	A	0.4
7	☐	5000.000	5005.572	80335967.97	22.4413	A	0.6
8	☐			15612.52	0.0047	P	3.2

$$y = 0.0045 * x + 2.0806E-004$$

$$R = 1.0000$$

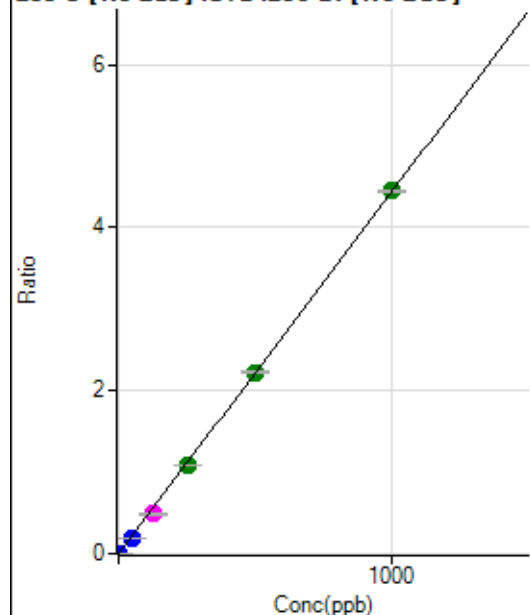
$$DL = 0.01762$$

$$BEC = 0.04641$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	71.6
2	☐	1.000	0.788	11138.09	0.0035	P	2.0
3	☐	50.000	42.528	604713.62	0.1886	P	0.8
4	☐	125.000	109.370	1626499.54	0.4849	M	8.1
5	☐	250.000	244.554	3717841.51	1.0843	A	1.0
6	☐	500.000	500.278	7754923.29	2.2181	A	1.0
7	☐	1000.000	1003.550	15928064.34	4.4494	A	0.5
8	☐			842.26	0.0003	P	10.5

$$y = 0.0044 * x + 6.3254E-006$$

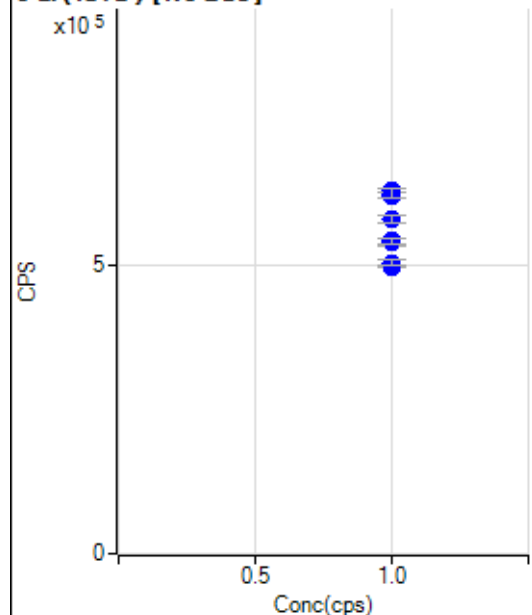
$$R = 0.9999$$

$$DL = 0.003065$$

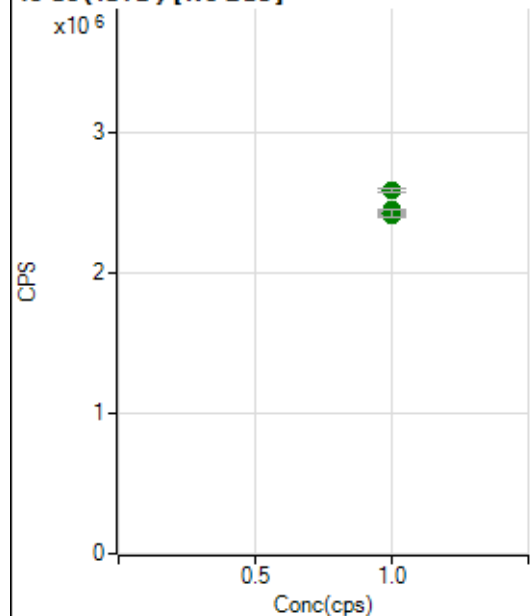
$$BEC = 0.001427$$

Weight: <None>

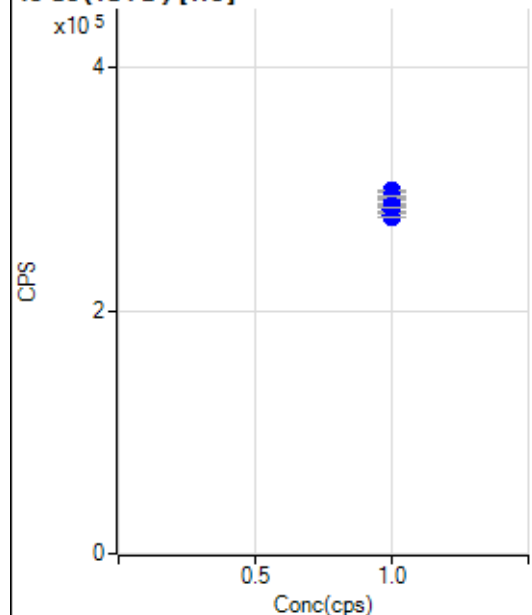
Min Conc: 0

6 Li (ISTD) [No Gas]

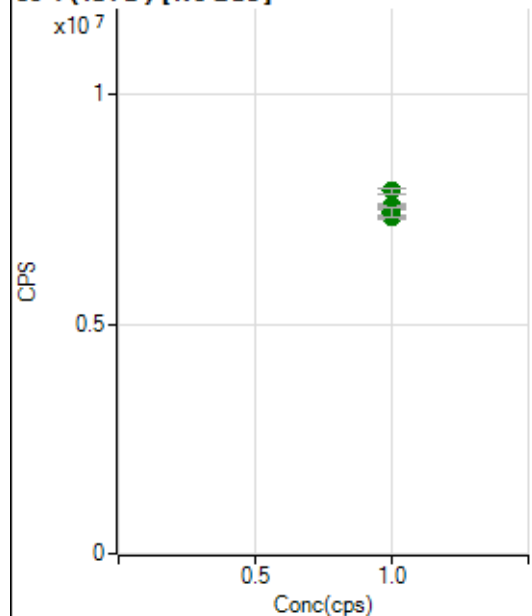
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		539485.65		P	2.1
2	☐	1.000		497389.69		P	0.8
3	☐	1.000		503241.04		P	2.0
4	☐	1.000		541886.31		P	2.0
5	☐	1.000		578717.97		P	2.5
6	☐	1.000		620672.86		P	1.6
7	☐	1.000		628274.63		P	0.9
8	☐	1.000		623210.00		P	2.5

45 Sc (ISTD) [No Gas]

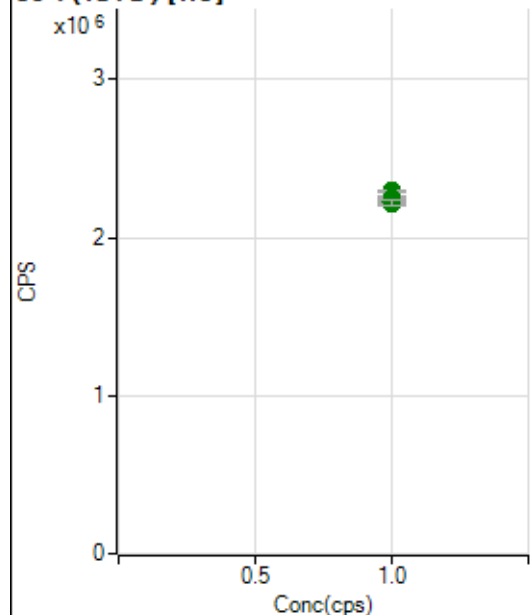
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2588558.59		A	1.1
2	☐	1.000		2438795.66		A	1.4
3	☐	1.000		2418835.07		A	2.0
4	☐	1.000		2431653.19		A	0.6
5	☐	1.000		2450441.32		A	0.4
6	☐	1.000		2430083.61		A	1.2
7	☐	1.000		2415107.29		A	0.4
8	☐	1.000		2430004.20		A	2.2

45 Sc (ISTD) [He]

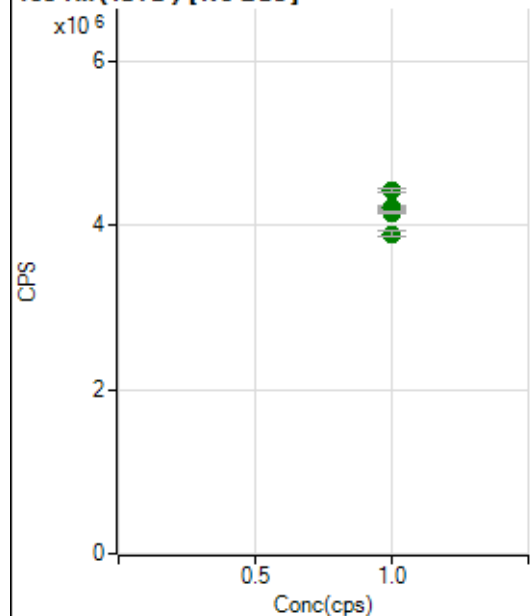
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		298677.21		P	0.5
2	☐	1.000		291790.60		P	0.3
3	☐	1.000		293721.91		P	0.3
4	☐	1.000		287203.47		P	0.2
5	☐	1.000		283425.18		P	1.1
6	☐	1.000		277102.94		P	0.4
7	☐	1.000		278474.99		P	0.9
8	☐	1.000		285099.50		P	0.3

89 Y (ISTD) [No Gas]

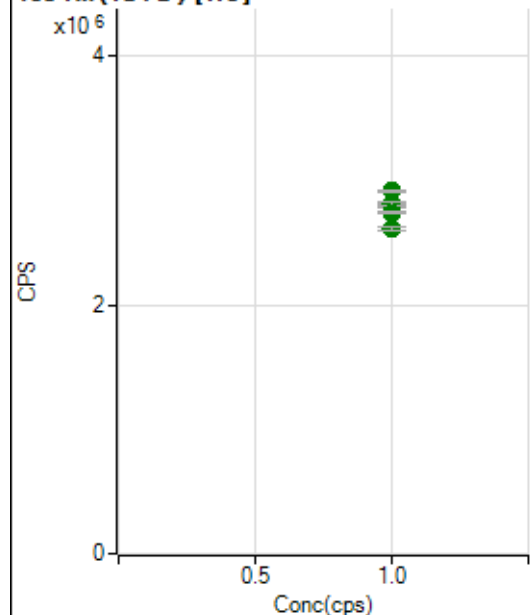
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7907013.36		A	1.7
2	☐	1.000		7338513.71		A	1.4
3	☐	1.000		7460398.29		A	1.8
4	☐	1.000		7501837.95		A	0.5
5	☐	1.000		7532953.08		A	0.3
6	☐	1.000		7592509.75		A	0.8
7	☐	1.000		7569790.09		A	0.8
8	☐	1.000		7436668.08		A	2.5

89 Y(ISTD) [He]

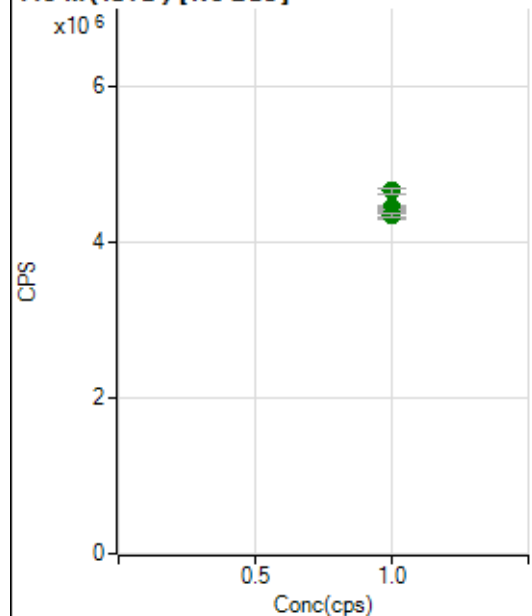
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2294071.72		A	0.7
2	☐	1.000		2254273.14		A	0.3
3	☐	1.000		2237096.25		A	0.9
4	☐	1.000		2254398.13		A	0.7
5	☐	1.000		2233433.75		A	0.6
6	☐	1.000		2210192.52		A	1.3
7	☐	1.000		2212893.23		A	0.3
8	☐	1.000		2223451.48		A	1.6

103 Rh(ISTD) [No Gas]

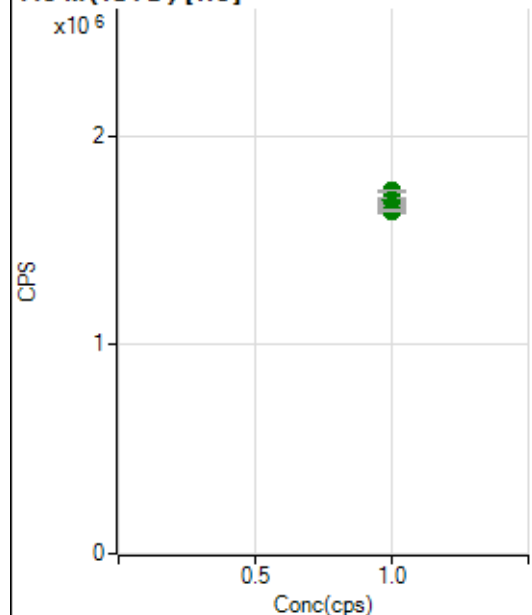
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4422860.49		A	1.0
2	☐	1.000		4205904.91		A	0.8
3	☐	1.000		4195921.78		A	1.1
4	☐	1.000		4205536.43		A	0.9
5	☐	1.000		4218010.95		A	1.3
6	☐	1.000		4187827.68		A	0.5
7	☐	1.000		4151082.58		A	0.5
8	☐	1.000		3893679.94		A	1.9

103 Rh (ISTD) [He]

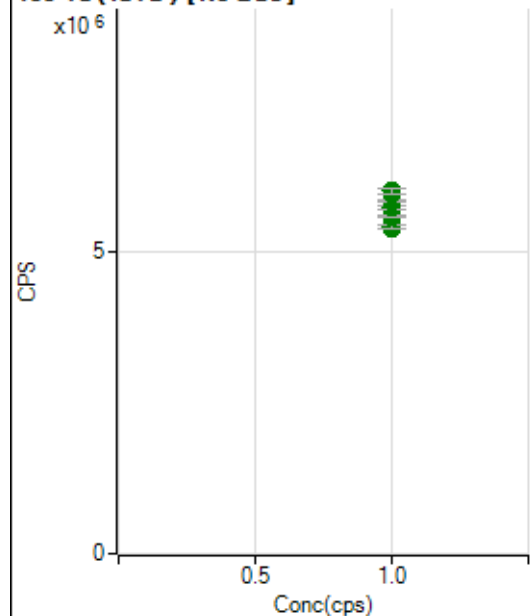
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2918335.83		A	0.4
2	☐	1.000		2792918.29		A	0.9
3	☐	1.000		2809521.73		A	0.9
4	☐	1.000		2820984.51		A	0.4
5	☐	1.000		2812615.51		A	0.8
6	☐	1.000		2745400.62		A	0.1
7	☐	1.000		2744324.54		A	0.4
8	☐	1.000		2612871.56		A	1.0

115 In (ISTD) [No Gas]

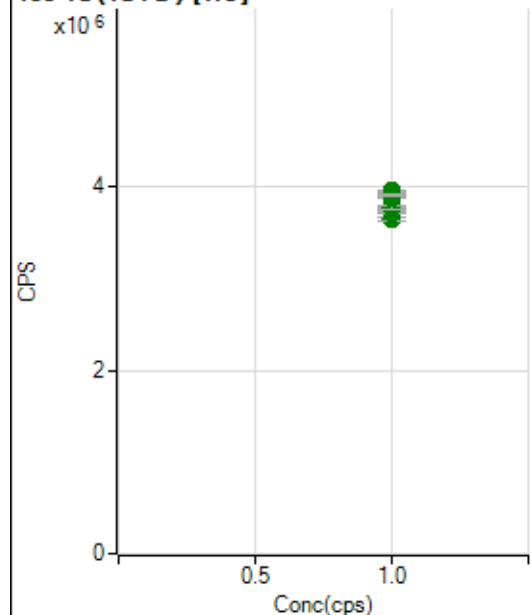
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4650803.77		A	1.4
2	☐	1.000		4327616.03		A	1.3
3	☐	1.000		4340714.17		A	1.7
4	☐	1.000		4434410.85		A	1.6
5	☐	1.000		4435892.98		A	0.8
6	☐	1.000		4422047.78		A	0.7
7	☐	1.000		4411767.79		A	0.4
8	☐	1.000		4336672.94		A	0.7

115 In (ISTD) [He]

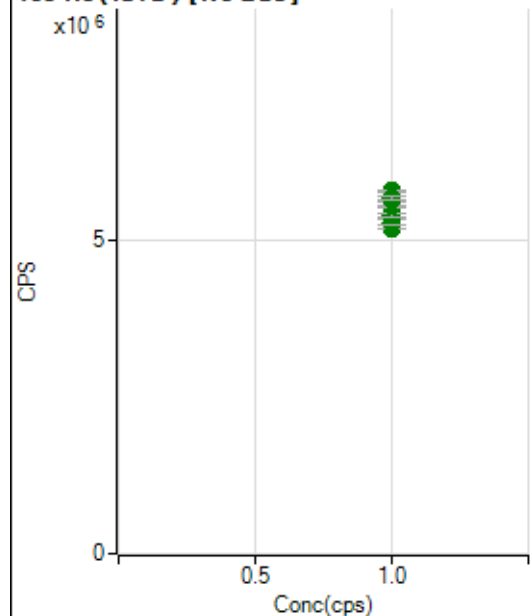
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1735927.39		A	0.8
2	☐	1.000		1682681.83		A	0.8
3	☐	1.000		1689397.70		A	1.2
4	☐	1.000		1664682.71		A	0.9
5	☐	1.000		1694354.52		A	1.2
6	☐	1.000		1660986.31		A	0.8
7	☐	1.000		1637713.68		A	0.7
8	☐	1.000		1641785.18		A	0.2

159 Tb (ISTD) [No Gas]

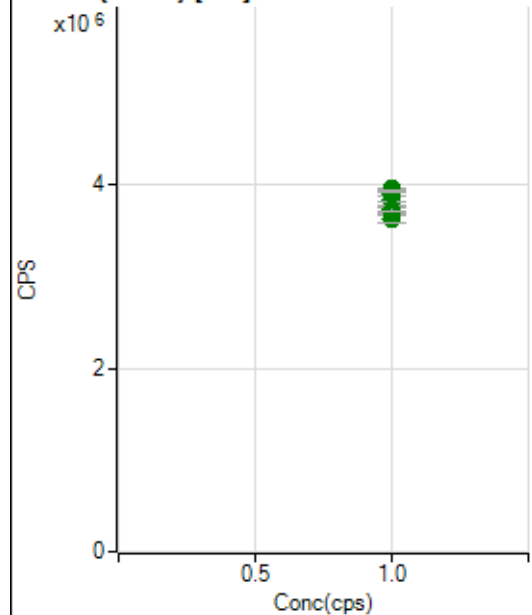
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5765152.35		A	2.1
2	☐	1.000		5395589.64		A	0.3
3	☐	1.000		5417884.15		A	1.1
4	☐	1.000		5598450.06		A	0.9
5	☐	1.000		5744416.30		A	1.0
6	☐	1.000		5849892.90		A	0.5
7	☐	1.000		5975135.40		A	0.3
8	☐	1.000		6023692.76		A	1.9

159 Tb (ISTD) [He]

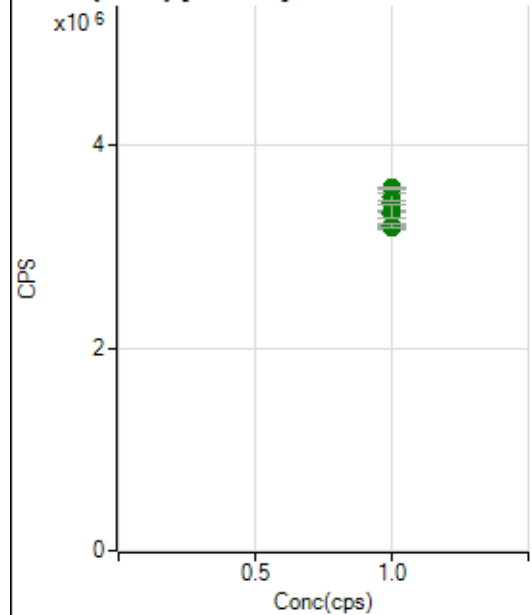
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3794036.78		A	0.3
2	☐	1.000		3649622.90		A	0.8
3	☐	1.000		3725187.76		A	0.1
4	☐	1.000		3784660.81		A	1.3
5	☐	1.000		3894230.84		A	0.9
6	☐	1.000		3895382.48		A	1.0
7	☐	1.000		3960839.11		A	0.8
8	☐	1.000		3916400.19		A	0.9

165 Ho (ISTD) [No Gas]

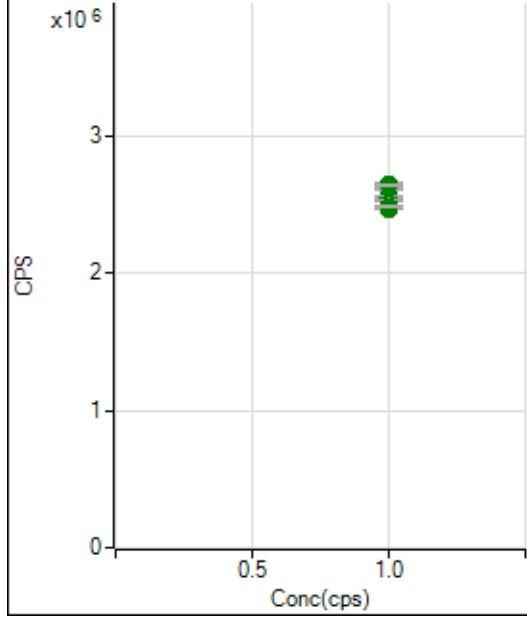
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5580940.96		A	1.5
2	☐	1.000		5197526.90		A	0.5
3	☐	1.000		5305575.93		A	1.4
4	☐	1.000		5400763.81		A	1.1
5	☐	1.000		5557944.64		A	0.5
6	☐	1.000		5675760.33		A	1.5
7	☐	1.000		5804225.89		A	0.4
8	☐	1.000		5693787.56		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3731798.24		A	0.9
2	☐	1.000		3624524.35		A	2.1
3	☐	1.000		3683740.40		A	0.0
4	☐	1.000		3738451.26		A	1.8
5	☐	1.000		3843742.55		A	1.5
6	☐	1.000		3904280.25		A	1.2
7	☐	1.000		3953481.85		A	0.7
8	☐	1.000		3922631.58		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3328331.24		A	2.3
2	☐	1.000		3183674.02		A	0.9
3	☐	1.000		3206976.55		A	1.4
4	☐	1.000		3353499.98		A	0.4
5	☐	1.000		3428950.40		A	1.2
6	☐	1.000		3495840.19		A	1.9
7	☐	1.000		3579823.49		A	0.5
8	☐	1.000		3347138.39		A	4.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2538018.95		A	0.7
2	☐	1.000		2469520.76		A	0.5
3	☐	1.000		2470681.20		A	0.6
4	☐	1.000		2555631.16		A	1.0
5	☐	1.000		2621545.12		A	1.2
6	☐	1.000		2645384.08		A	1.3
7	☐	1.000		2645952.10		A	0.5
8	☐	1.000		2488142.90		A	0.2