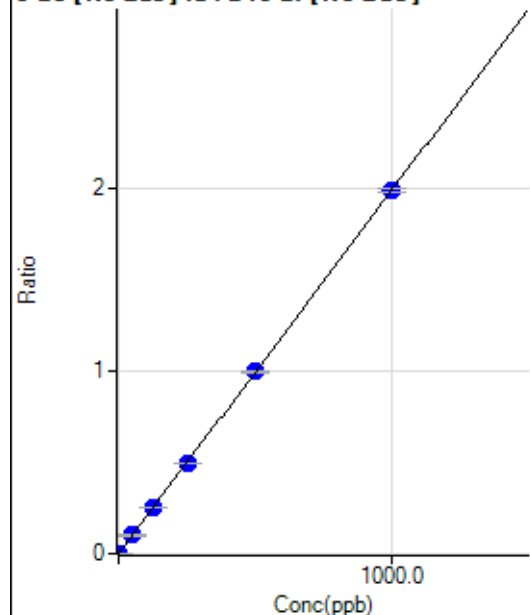


Batch Folder: D:\ICP-MS Data\P7020617.b\
Analysis File: P7020617.batch.bin
DA Date-Time: 2017-02-07 11:26:02
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-06 21:21:43
2			
3	004CALS.d	S02	2017-02-06 21:29:55
4	005CALS.d	S03	2017-02-06 21:33:47
5	006CALS.d	S04	2017-02-06 21:37:54
6	007CALS.d	S05	2017-02-06 21:41:42
7	008CALS.d	S06	2017-02-06 21:45:25
8	009CALS.d	S07	2017-02-06 21:49:06
9	010CALS.d	S08	2017-02-06 21:52:41

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0001	P	33.2
2	☐	0.100					
3	☐	1.000	0.956	1027.84	0.0020	P	6.4
4	☐	50.000	50.484	51437.50	0.1005	P	1.6
5	☐	125.000	126.416	126847.65	0.2515	P	0.5
6	☐	250.000	248.940	250351.13	0.4952	P	0.5
7	☐	500.000	501.214	499734.67	0.9968	P	0.8
8	☐	1000.000	999.457	970214.45	1.9876	P	0.9
9	☐			174.08	0.0004	P	9.6

$$y = 0.0020 * x + 1.1542E-004$$

$$R = 1.0000$$

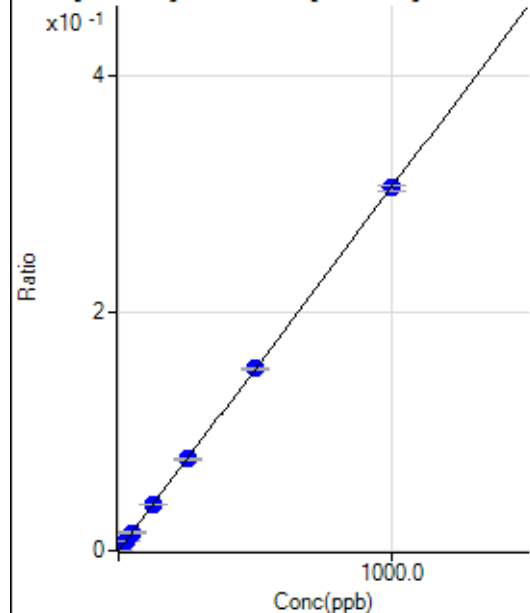
$$DL = 0.05777$$

$$BEC = 0.05804$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0001	P	126.
2	☐	2.500					
3	☐	25.000	25.608	4022.93	0.0079	P	0.8
4	☐	50.000	50.108	7871.79	0.0154	P	2.6
5	☐	125.000	126.313	19510.39	0.0387	P	2.0
6	☐	250.000	251.684	38945.32	0.0770	P	1.4
7	☐	500.000	501.142	76856.23	0.1533	P	0.7
8	☐	1000.000	998.823	149111.74	0.3055	P	1.7
9	☐			1816.85	0.0039	P	13.3

$$y = 3.0579E-004 * x + 5.9580E-005$$

$$R = 1.0000$$

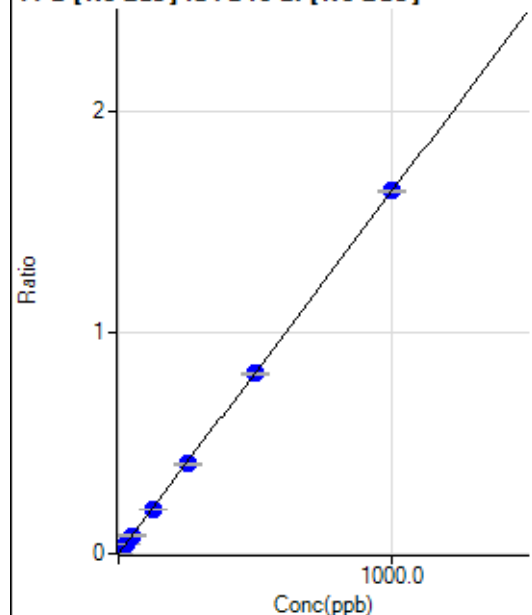
$$DL = 0.7373$$

$$BEC = 0.1948$$

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	150.01	0.0003	P	9.9
2	☐	2.500					
3	☐	25.000	24.653	20748.30	0.0407	P	5.2
4	☐	50.000	50.028	42112.32	0.0823	P	1.7
5	☐	125.000	124.066	102688.41	0.2036	P	1.0
6	☐	250.000	247.277	205036.87	0.4055	P	0.8
7	☐	500.000	496.936	408408.16	0.8147	P	1.2
8	☐	1000.000	1002.337	801957.58	1.6429	P	0.6
9	☐			10451.26	0.0222	P	4.8

$$y = 0.0016 * x + 2.9202E-004$$

$$R = 1.0000$$

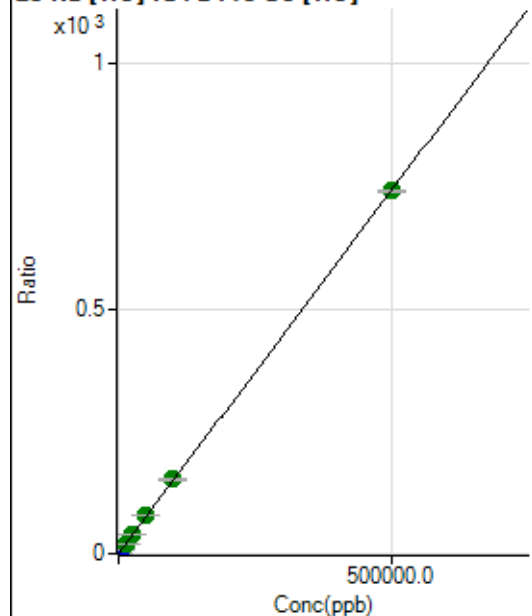
$$DL = 0.05282$$

$$BEC = 0.1782$$

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	11629.94	0.0476	P	1.9
2	☐	50.000					
3	☐	500.000	508.684	197956.29	0.8014	P	0.7
4	☐	5000.000	5365.991	1983567.45	7.9989	P	0.1
5	☐	12500.000	13250.824	4885321.94	19.6825	A	0.3
6	☐	25000.000	25924.338	9587234.67	38.4620	A	0.5
7	☐	50000.000	52192.073	19339448.00	77.3852	A	0.3
8	☐	100000.00	101922.17	37821448.07	151.0747	A	1.1
9	☐	500000.00	499327.70	185018261.0	739.9454	A	0.3

$$y = 0.0015 * x + 0.0476$$

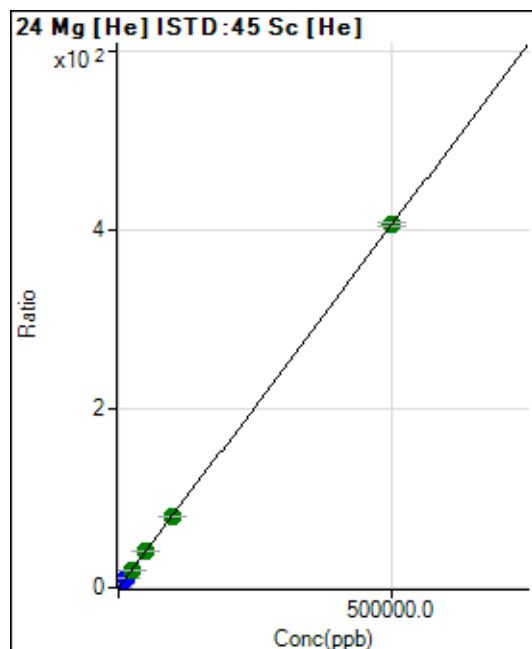
$$R = 1.0000$$

$$DL = 1.825$$

$$BEC = 32.13$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0011	P	22.6
2	☐	50.000					
3	☐	500.000	495.788	99513.16	0.4029	P	1.3
4	☐	5000.000	5168.664	1038968.31	4.1897	P	0.4
5	☐	12500.000	12876.455	2590281.42	10.4361	P	0.6
6	☐	25000.000	25059.588	5062431.36	20.3093	A	0.1
7	☐	50000.000	50383.035	10204123.58	40.8313	A	0.6
8	☐	100000.00	98301.114	19943003.57	79.6639	A	1.6
9	☐	500000.00	500287.40	101375455.0	405.4319	A	0.9

$$y = 8.1040\text{E-}004 * x + 0.0011$$

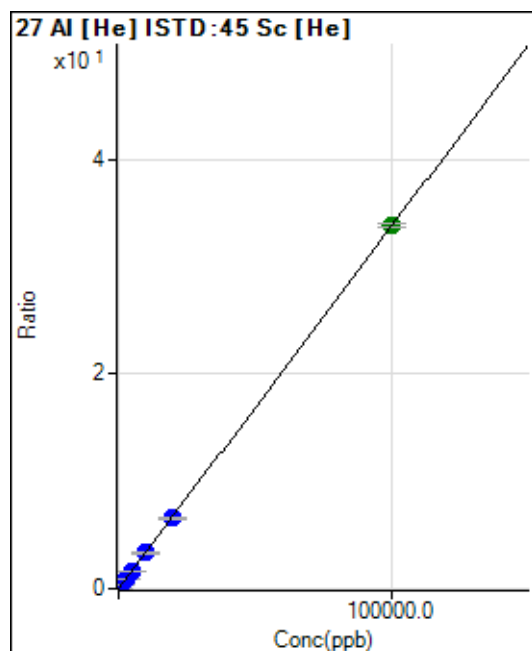
$$R = 1.0000$$

$$DL = 0.8948$$

$$BEC = 1.318$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0001	P	35.8
2	☐	2.000					
3	☐	20.000	18.193	1552.93	0.0063	P	6.0
4	☐	1000.000	1001.097	83793.21	0.3379	P	1.3
5	☐	2500.000	2488.225	208409.71	0.8397	P	0.4
6	☐	5000.000	4923.832	414134.74	1.6614	P	0.2
7	☐	10000.000	9826.557	828583.22	3.3155	P	0.9
8	☐	20000.000	19475.687	1644986.07	6.5711	P	1.7
9	☐	100000.00	100126.29	8447021.89	33.7819	A	1.0

$$y = 3.3739\text{E-}004 * x + 1.4797\text{E-}004$$

$$R = 1.0000$$

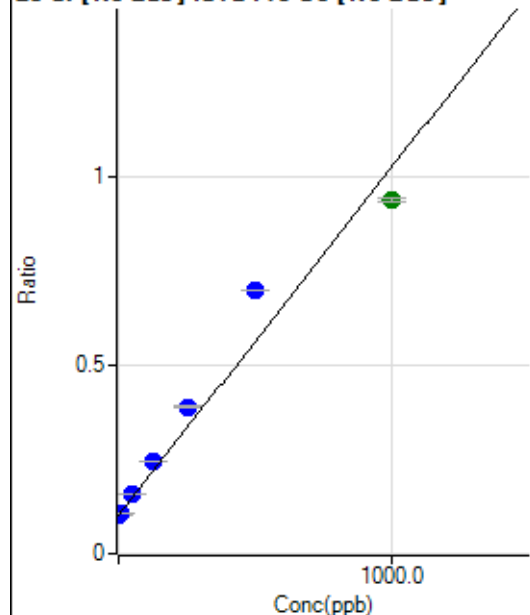
$$DL = 0.471$$

$$BEC = 0.4386$$

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	517995.41	0.1020	P	0.8
2	☐	1.000					
3	☐	10.000	6.136	545719.55	0.1077	P	1.1
4	☐	50.000	62.138	812397.11	0.1592	P	0.2
5	☐	125.000	156.315	1257250.13	0.2459	P	0.3
6	☐	250.000	312.042	1998652.69	0.3892	P	0.8
7	☐	500.000	645.859	3558341.05	0.6963	P	0.4
8	☐	1000.000	907.078	4765733.74	0.9367	A	0.6
9	☐			786068.16	0.1577	P	1.2

$$y = 9.2022\text{E-}004 * x + 0.1020$$

$$R = 0.9801$$

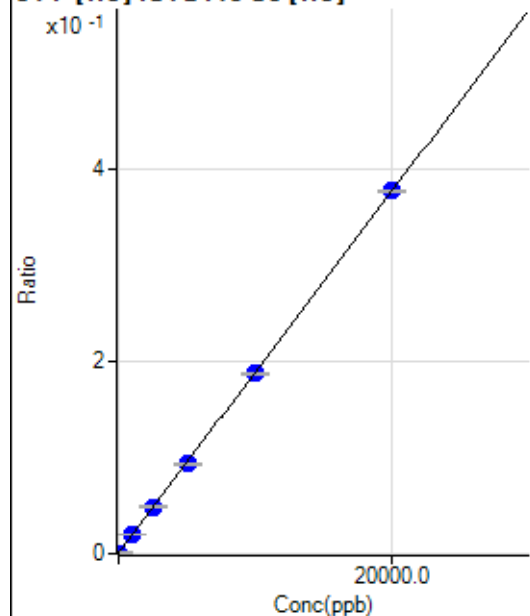
$$DL = 2.542$$

$$BEC = 110.8$$

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	-14.277	111.11	0.0005	P	37.6
2	☐	0.000					
3	☐	0.000	14.277	244.46	0.0010	P	23.6
4	☐	1000.000	1017.101	4914.90	0.0198	P	3.7
5	☐	2500.000	2533.291	11985.83	0.0483	P	3.2
6	☐	5000.000	4948.618	23344.05	0.0936	P	2.0
7	☐	10000.000	9941.228	46832.86	0.1874	P	1.5
8	☐	20000.000	20037.215	94381.11	0.3770	P	0.9
9	☐			175.01	0.0007	P	29.3

$$y = 1.8778\text{E-}005 * x + 7.2195\text{E-}004$$

$$R = 1.0000$$

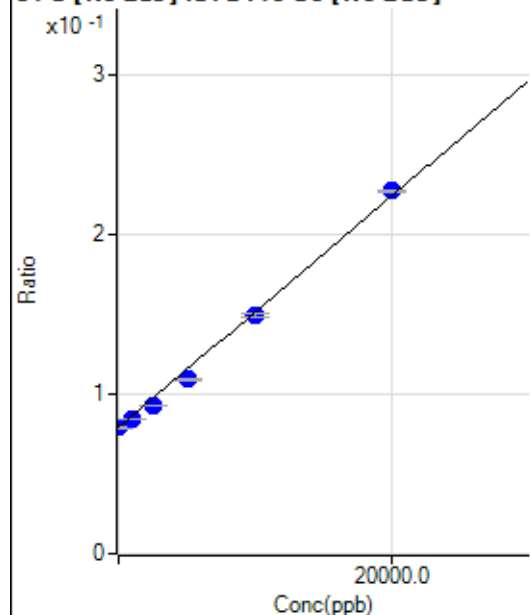
$$DL = 32.25$$

$$BEC = 38.45$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	18.511	403774.22	0.0795	P	0.4
2	☐	0.000					
3	☐	0.000	-18.511	401716.56	0.0792	P	0.7
4	☐	1000.000	745.913	432710.89	0.0848	P	0.3
5	☐	2500.000	1842.268	474249.96	0.0927	P	0.5
6	☐	5000.000	4160.890	562659.25	0.1096	P	0.6
7	☐	10000.000	9700.798	765112.99	0.1497	P	0.9
8	☐	20000.000	20454.299	1158558.67	0.2277	P	0.5
9	☐			383805.45	0.0770	P	0.4

$$y = 7.2523\text{E-}006 * x + 0.0794$$

$$R = 0.9987$$

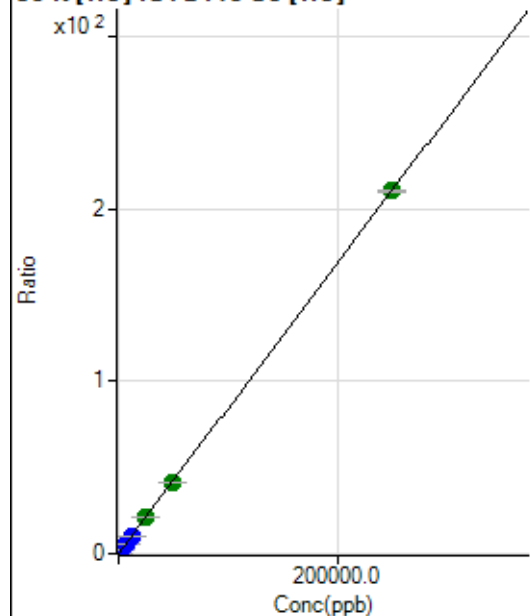
$$DL = 174.7$$

$$BEC = 1.095\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30498.93	0.1248	P	2.8
2	☐	50.000					
3	☐	500.000	466.644	127882.73	0.5177	P	0.3
4	☐	2500.000	2493.781	551543.74	2.2242	P	0.5
5	☐	6250.000	6243.833	1335610.08	5.3810	P	0.3
6	☐	12500.000	12353.903	2623425.99	10.5246	P	0.4
7	☐	25000.000	24861.178	5261481.59	21.0535	A	0.6
8	☐	50000.000	49101.128	10379444.07	41.4592	A	1.0
9	☐	250000.00	250201.24	52696710.90	210.7495	A	0.6

$$y = 8.4182\text{E-}004 * x + 0.1248$$

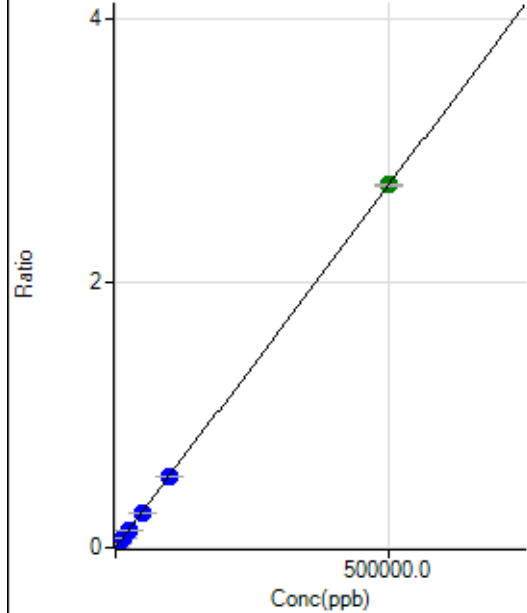
$$R = 1.0000$$

$$DL = 12.46$$

$$BEC = 148.3$$

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	291.68	0.0001	P	19.9
2	☐	50.000					
3	☐	500.000	467.421	13256.45	0.0026	P	1.9
4	☐	5000.000	4926.607	137873.17	0.0270	P	0.3
5	☐	12500.000	12225.816	342410.77	0.0670	P	0.7
6	☐	25000.000	24228.792	681206.18	0.1326	P	1.1
7	☐	50000.000	48733.350	1362928.80	0.2667	P	1.1
8	☐	100000.00	97229.190	2707123.39	0.5321	P	0.3
9	☐	500000.00	500727.00	13657234.16	2.7400	A	0.7

$$y = 5.4720\text{E-}006 * x + 5.7426\text{E-}005$$

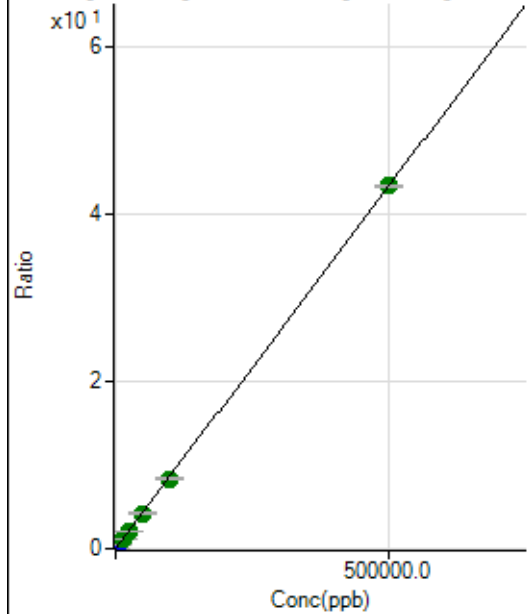
$$R = 1.0000$$

$$DL = 6.253$$

$$BEC = 10.49$$

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	14368.92	0.0028	P	5.5
2	☐	50.000					
3	☐	500.000	474.298	222832.79	0.0440	P	0.6
4	☐	5000.000	5000.434	2227213.48	0.4364	P	0.4
5	☐	12500.000	12280.679	5459955.63	1.0677	A	0.8
6	☐	25000.000	24409.376	10884908.31	2.1194	A	0.6
7	☐	50000.000	48958.631	21706777.22	4.2481	A	1.2
8	☐	100000.00	96748.725	42695540.54	8.3920	A	0.6
9	☐	500000.00	500789.42	216451040.9	43.4265	A	0.7

$$y = 8.6710\text{E-}005 * x + 0.0028$$

$$R = 1.0000$$

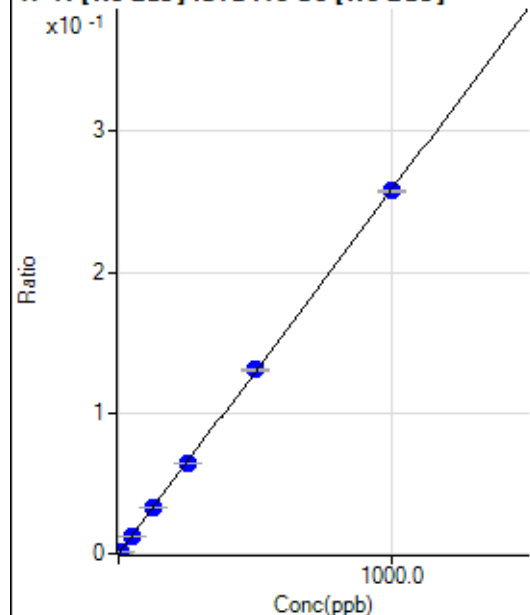
$$DL = 5.356$$

$$BEC = 32.64$$

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	94.45	0.0000	P	35.9
2	☐	0.500					
3	☐	5.000	4.552	6057.04	0.0012	P	3.5
4	☐	50.000	49.939	65956.05	0.0129	P	0.3
5	☐	125.000	125.966	166561.16	0.0326	P	0.8
6	☐	250.000	248.281	329611.67	0.0642	P	1.4
7	☐	500.000	505.274	667292.44	0.1306	P	1.0
8	☐	1000.000	997.677	1311776.15	0.2578	P	0.2
9	☐			1216.77	0.0002	P	9.6

$$y = 2.5842\text{E-}004 * x + 1.8610\text{E-}005$$

$$R = 1.0000$$

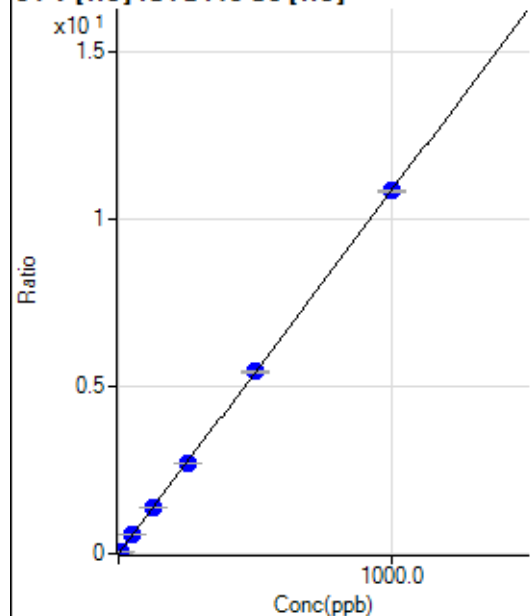
$$DL = 0.07764$$

$$BEC = 0.07201$$

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	62.22	0.0003	P	20.9
2	☐	0.500					
3	☐	5.000	4.774	12846.88	0.0520	P	1.5
4	☐	50.000	50.509	135826.68	0.5477	P	0.4
5	☐	125.000	126.122	339372.98	1.3673	P	0.6
6	☐	250.000	248.708	672035.18	2.6960	P	0.1
7	☐	500.000	501.275	1357931.13	5.4337	P	0.3
8	☐	1000.000	999.521	2712444.65	10.8342	P	0.8
9	☐			877.82	0.0035	P	8.8

$$y = 0.0108 * x + 2.5493\text{E-}004$$

$$R = 1.0000$$

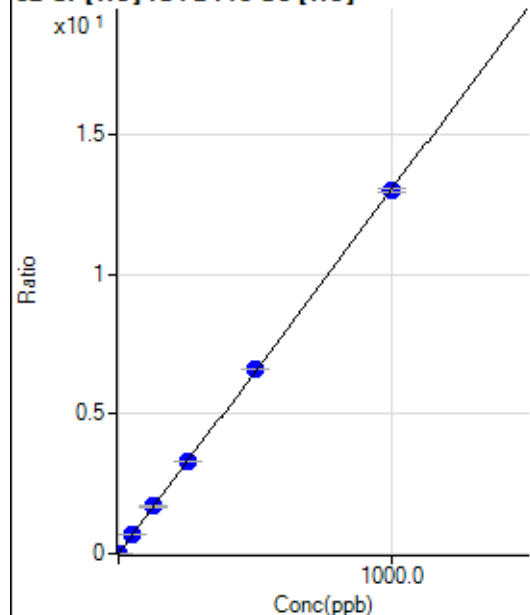
$$DL = 0.01475$$

$$BEC = 0.02352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1650.12	0.0068	P	3.3
2	☐	0.200					
3	☐	2.000	1.993	8085.67	0.0327	P	2.9
4	☐	50.000	51.679	168721.56	0.6804	P	0.4
5	☐	125.000	129.004	419046.20	1.6883	P	0.4
6	☐	250.000	252.482	822038.77	3.2978	P	0.2
7	☐	500.000	505.165	1647291.87	6.5915	P	0.4
8	☐	1000.000	996.212	3252646.97	12.9923	P	1.1
9	☐			72409.98	0.2896	P	1.2

$$y = 0.0130 * x + 0.0068$$

$$R = 1.0000$$

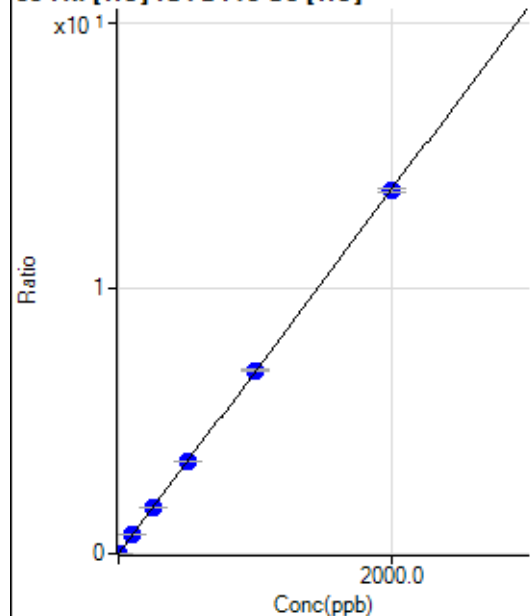
$$DL = 0.05199$$

$$BEC = 0.5182$$

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	94.45	0.0004	P	17.1
2	☐	0.100					
3	☐	1.000	1.009	1805.69	0.0073	P	4.6
4	☐	100.000	102.997	175367.23	0.7072	P	0.4
5	☐	250.000	256.407	436819.59	1.7599	P	0.8
6	☐	500.000	508.579	870039.85	3.4904	P	0.2
7	☐	1000.000	1008.445	1729537.96	6.9206	P	0.2
8	☐	2000.000	1992.682	3423492.13	13.6747	P	1.1
9	☐			13400.70	0.0536	P	1.7

$$y = 0.0069 * x + 3.8704E-004$$

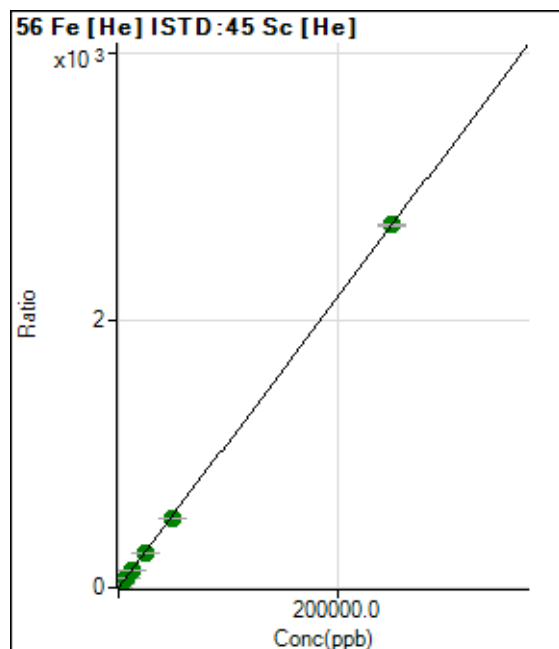
$$R = 1.0000$$

$$DL = 0.02888$$

$$BEC = 0.0564$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3759.84	0.0154	P	9.0
2	☐	5.000					
3	☐	50.000	47.562	131053.37	0.5305	P	0.9
4	☐	2500.000	2540.836	6827990.37	27.5347	A	0.8
5	☐	6250.000	6297.772	16933948.18	68.2255	A	0.4
6	☐	12500.000	12375.396	33414207.46	134.0511	A	0.7
7	☐	25000.000	24430.702	66131837.13	264.6200	A	0.5
8	☐	50000.000	48210.215	130731177.9	522.1718	A	0.7
9	☐	250000.00	250419.51	678181422.5	2,712.265	A	0.9

$$y = 0.0108 * x + 0.0154$$

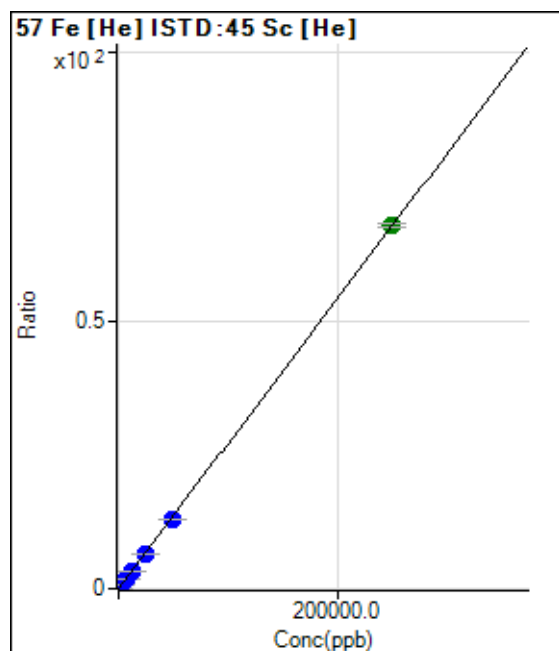
$$R = 1.0000$$

$$DL = 0.3854$$

$$BEC = 1.42$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.82	0.0005	P	15.2
2	☐	5.000					
3	☐	50.000	46.730	3237.48	0.0131	P	4.1
4	☐	2500.000	2507.830	168234.24	0.6784	P	0.4
5	☐	6250.000	6221.401	417561.89	1.6823	P	0.4
6	☐	12500.000	12170.122	820201.76	3.2904	P	0.3
7	☐	25000.000	24268.645	1639687.16	6.5611	P	0.1
8	☐	50000.000	47677.650	3227001.20	12.8893	P	0.6
9	☐	250000.00	250554.73	16936236.37	67.7335	A	0.9

$$y = 2.7033E-004 * x + 4.6989E-004$$

$$R = 1.0000$$

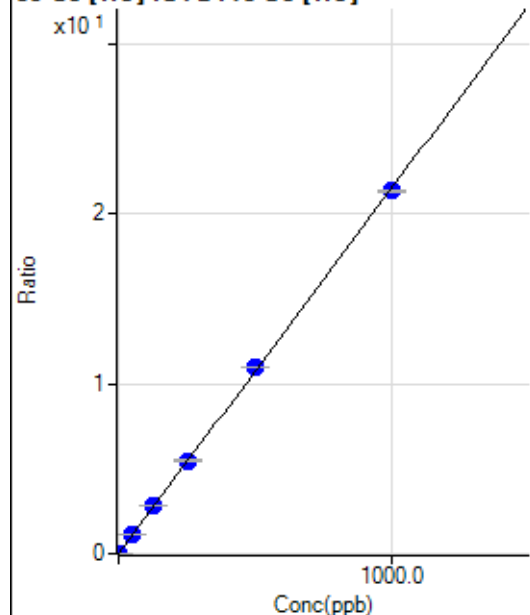
$$DL = 0.7937$$

$$BEC = 1.738$$

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	325.57	0.0013	P	1.5
2	☐	0.100					
3	☐	1.000	0.977	5508.89	0.0223	P	3.8
4	☐	50.000	52.647	280548.92	1.1313	P	0.3
5	☐	125.000	129.897	692339.65	2.7894	P	0.9
6	☐	250.000	254.516	1362026.79	5.4642	P	0.7
7	☐	500.000	509.482	2733178.78	10.9367	P	0.5
8	☐	1000.000	993.385	5338363.12	21.3230	P	0.9
9	☐			6756.10	0.0270	P	3.3

$$y = 0.0215 * x + 0.0013$$

$$R = 0.9999$$

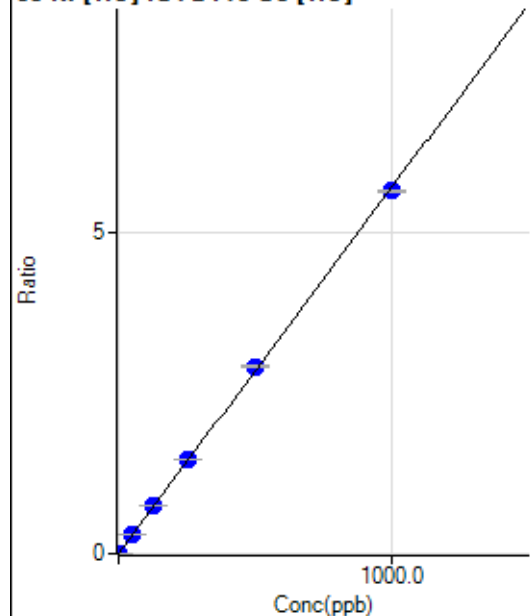
$$DL = 0.002734$$

$$BEC = 0.0621$$

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	161.11	0.0007	P	11.0
2	☐	0.100					
3	☐	1.000	1.013	1584.56	0.0064	P	6.7
4	☐	50.000	53.535	75638.35	0.3050	P	0.9
5	☐	125.000	132.360	186940.07	0.7532	P	0.2
6	☐	250.000	258.230	366111.79	1.4688	P	0.1
7	☐	500.000	511.006	726200.82	2.9058	P	0.5
8	☐	1000.000	991.343	1411191.13	5.6367	P	0.8
9	☐			17318.21	0.0693	P	0.3

$$y = 0.0057 * x + 6.5914E-004$$

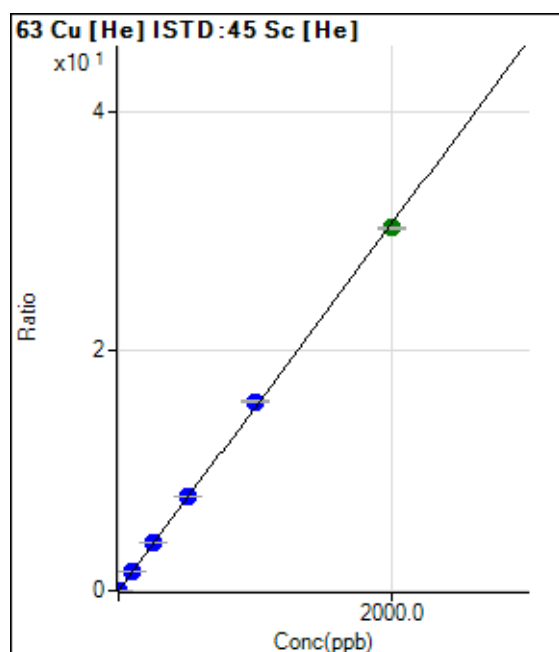
$$R = 0.9999$$

$$DL = 0.03839$$

$$BEC = 0.1159$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	624.47	0.0026	P	4.6
2	☐	0.200					
3	☐	2.000	2.076	8474.81	0.0343	P	1.6
4	☐	100.000	107.317	407760.71	1.6443	P	0.4
5	☐	250.000	265.969	1010570.63	4.0715	P	0.8
6	☐	500.000	517.488	1974022.68	7.9193	P	0.3
7	☐	1000.000	1030.412	3940142.51	15.7663	P	0.6
8	☐	2000.000	1978.060	7577048.71	30.2638	A	0.5
9	☐			10800.80	0.0432	P	3.0

$$y = 0.0153 * x + 0.0026$$

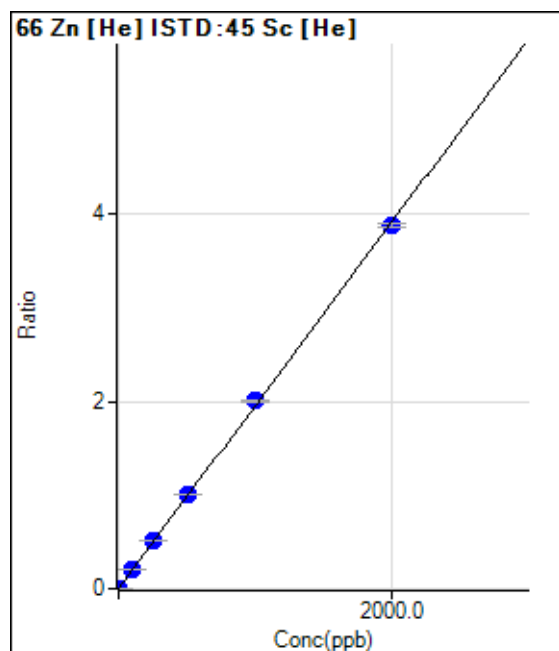
$$R = 0.9998$$

$$DL = 0.02327$$

$$BEC = 0.1671$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192.23	0.0008	P	23.4
2	☐	0.200					
3	☐	2.000	2.036	1177.85	0.0048	P	0.1
4	☐	100.000	106.236	51719.06	0.2086	P	0.6
5	☐	250.000	264.771	128725.25	0.5186	P	0.6
6	☐	500.000	515.694	251607.63	1.0094	P	0.5
7	☐	1000.000	1024.551	500972.04	2.0046	P	0.4
8	☐	2000.000	1981.643	970497.54	3.8765	P	1.2
9	☐			8361.39	0.0334	P	0.6

$$y = 0.0020 * x + 7.8586E-004$$

$$R = 0.9998$$

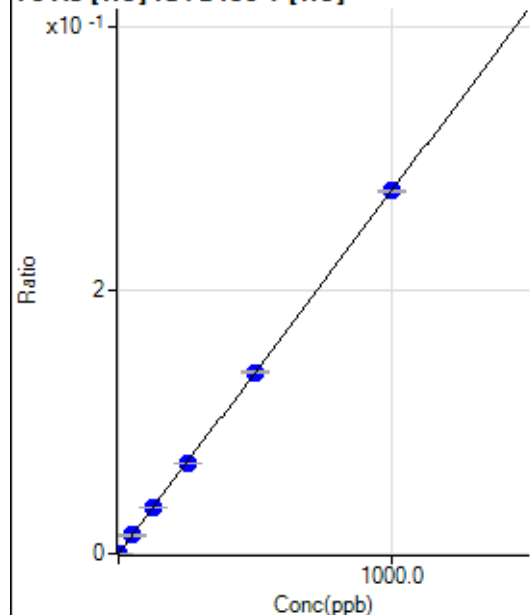
$$DL = 0.2824$$

$$BEC = 0.4018$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.84	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.945	374.70	0.0003	P	1.7
4	☐	50.000	50.383	19026.71	0.0139	P	1.6
5	☐	125.000	125.190	47069.01	0.0345	P	0.3
6	☐	250.000	247.643	93381.58	0.0681	P	0.5
7	☐	500.000	500.666	189232.30	0.1378	P	0.3
8	☐	1000.000	1000.213	376039.70	0.2752	P	0.4
9	☐			504.34	0.0004	P	3.8

$$y = 2.7512\text{E-}004 * x + 1.7081\text{E-}005$$

$$R = 1.0000$$

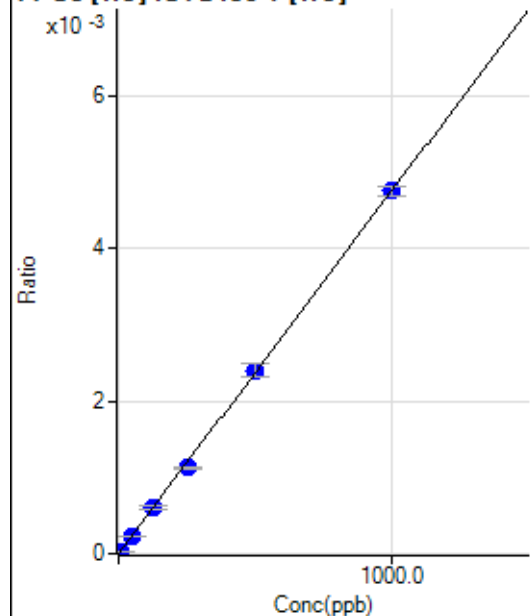
$$DL = 0.04579$$

$$BEC = 0.06208$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.314	27.78	0.0000	P	41.6
4	☐	50.000	47.391	308.90	0.0002	P	3.7
5	☐	125.000	126.311	820.04	0.0006	P	6.6
6	☐	250.000	236.621	1541.22	0.0011	P	3.9
7	☐	500.000	505.204	3299.32	0.0024	P	7.5
8	☐	1000.000	1000.713	6500.45	0.0048	P	2.6
9	☐			13.34	0.0000	P	43.8

$$y = 4.7541\text{E-}006 * x + 0.0000\text{E+}000$$

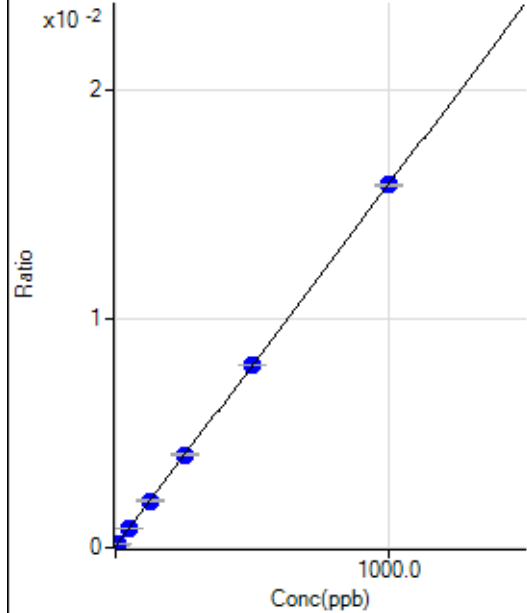
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

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	85.19	0.0001	P	11.1
2	☐	0.500					
3	☐	5.000	4.911	191.36	0.0001	P	3.4
4	☐	50.000	49.976	1171.05	0.0009	P	4.4
5	☐	125.000	125.641	2801.53	0.0021	P	3.4
6	☐	250.000	251.500	5539.38	0.0040	P	2.0
7	☐	500.000	500.997	10973.98	0.0080	P	0.8
8	☐	1000.000	999.048	21682.28	0.0159	P	0.8
9	☐			135.19	0.0001	P	8.8

$$y = 1.5819\text{E-}005 * x + 6.3745\text{E-}005$$

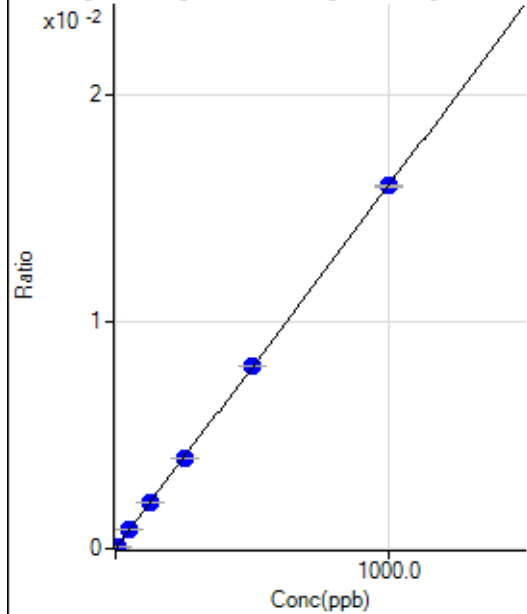
$$R = 1.0000$$

$$DL = 1.34$$

$$BEC = 4.03$$

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	54.73	0.0000	P	51.3
2	☐	0.500					
3	☐	5.000	4.322	641.03	0.0001	P	7.2
4	☐	50.000	50.692	6936.86	0.0008	P	0.9
5	☐	125.000	125.994	17128.51	0.0020	P	0.9
6	☐	250.000	248.107	33987.70	0.0040	P	1.0
7	☐	500.000	502.401	68717.58	0.0080	P	0.7
8	☐	1000.000	999.117	134980.11	0.0160	P	0.5
9	☐			297.09	0.0000	P	5.2

$$y = 1.5972\text{E-}005 * x + 6.4556\text{E-}006$$

$$R = 1.0000$$

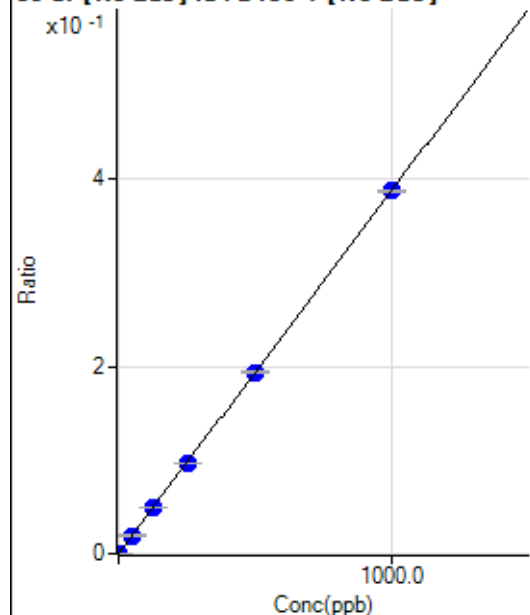
$$DL = 0.6216$$

$$BEC = 0.4042$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1011.19	0.0001	P	12.5
2	☐	0.100					
3	☐	1.000	0.910	4009.08	0.0005	P	4.5
4	☐	50.000	50.051	165863.52	0.0195	P	1.1
5	☐	125.000	125.628	414018.12	0.0488	P	0.8
6	☐	250.000	248.606	825914.37	0.0965	P	0.4
7	☐	500.000	500.651	1661012.76	0.1941	P	0.3
8	☐	1000.000	999.942	3277032.82	0.3876	P	0.7
9	☐			94949.56	0.0116	P	1.4

$$y = 3.8750E-004 * x + 1.1928E-004$$

$$R = 1.0000$$

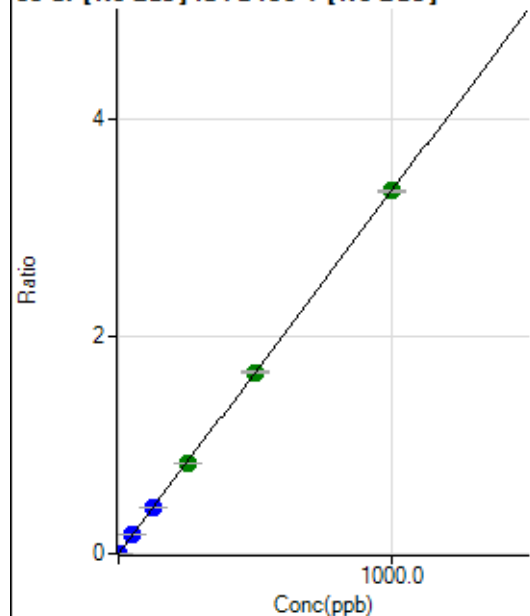
$$DL = 0.1151$$

$$BEC = 0.3078$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.57	0.0000	P	5.1
2	☐	0.100					
3	☐	1.000	0.914	26054.94	0.0031	P	1.3
4	☐	50.000	50.843	1441409.84	0.1696	P	0.4
5	☐	125.000	127.154	3597863.71	0.4241	P	0.4
6	☐	250.000	248.714	7102434.27	0.8295	A	0.9
7	☐	500.000	499.642	14258151.19	1.6663	A	1.2
8	☐	1000.000	1000.189	28202120.42	3.3356	A	0.5
9	☐			817314.15	0.1000	P	1.1

$$y = 0.0033 * x + 2.1301E-005$$

$$R = 1.0000$$

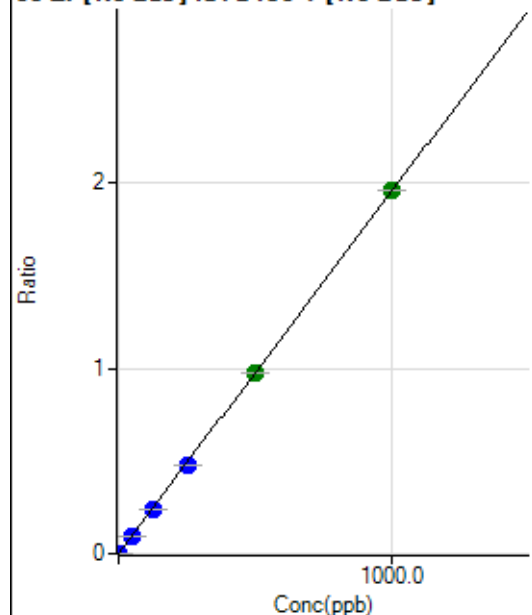
$$DL = 0.000968$$

$$BEC = 0.006387$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	447.25	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.706	12161.21	0.0014	P	5.2
4	☐	50.000	48.726	810097.83	0.0953	P	0.5
5	☐	125.000	123.536	2049331.04	0.2416	P	0.5
6	☐	250.000	245.752	4114149.66	0.4805	P	0.9
7	☐	500.000	498.732	8342883.08	0.9750	A	0.7
8	☐	1000.000	1001.943	16561415.99	1.9588	A	0.0
9	☐			3803.44	0.0005	P	5.0

$$y = 0.0020 * x + 5.2773E-005$$

$$R = 1.0000$$

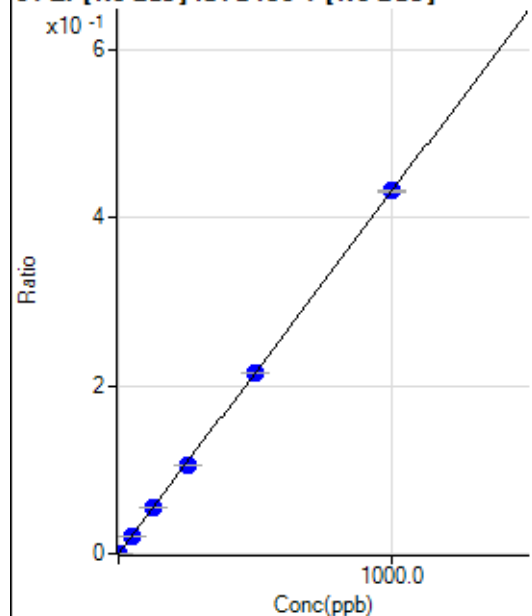
$$DL = 0.009258$$

$$BEC = 0.027$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	36.1
2	☐	0.100					
3	☐	1.000	0.715	2697.60	0.0003	P	4.3
4	☐	50.000	49.184	180060.38	0.0212	P	0.5
5	☐	125.000	125.248	457543.84	0.0539	P	0.6
6	☐	250.000	245.453	904915.10	0.1057	P	0.5
7	☐	500.000	498.854	1837721.70	0.2148	P	0.2
8	☐	1000.000	1001.720	3646310.72	0.4313	P	0.3
9	☐			908.40	0.0001	P	9.5

$$y = 4.3051E-004 * x + 9.8329E-006$$

$$R = 1.0000$$

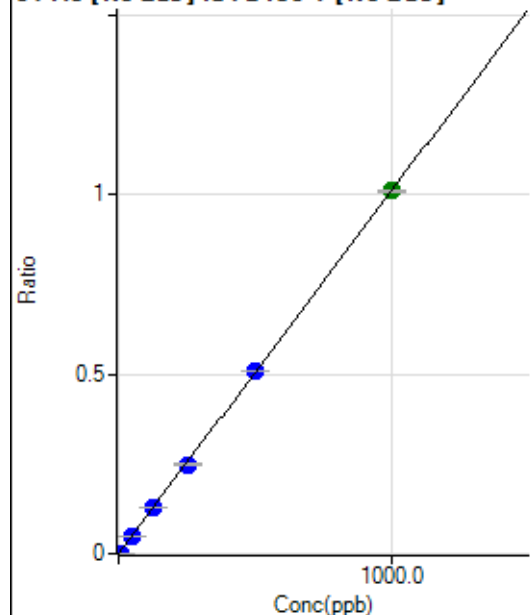
$$DL = 0.02476$$

$$BEC = 0.02284$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	1.897	16613.15	0.0020	P	1.6
4	☐	50.000	49.170	422757.80	0.0497	P	0.6
5	☐	125.000	124.695	1069607.96	0.1261	P	0.2
6	☐	250.000	245.787	2127531.62	0.2485	P	0.8
7	☐	500.000	502.325	4344699.62	0.5078	P	0.2
8	☐	1000.000	999.986	8546102.88	1.0108	A	0.3
9	☐			15842.78	0.0019	P	7.1

$$y = 0.0010 * x + 3.9336E-005$$

$$R = 1.0000$$

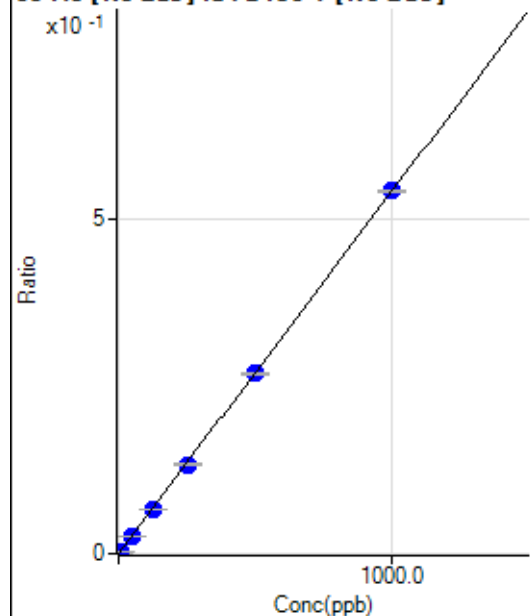
$$DL = 0.01847$$

$$BEC = 0.03892$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.13	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.588	21377.83	0.0025	P	0.1
4	☐	50.000	49.235	226589.26	0.0267	P	0.9
5	☐	125.000	124.317	570594.79	0.0673	P	0.7
6	☐	250.000	245.989	1139225.74	0.1330	P	0.9
7	☐	500.000	497.198	2300677.92	0.2689	P	0.3
8	☐	1000.000	1002.530	4583549.80	0.5421	P	0.2
9	☐			24630.59	0.0030	P	8.0

$$y = 5.4071E-004 * x + 3.6707E-005$$

$$R = 1.0000$$

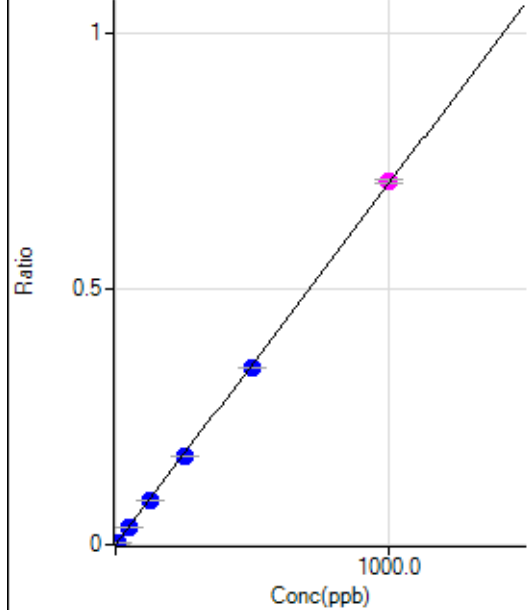
$$DL = 0.04383$$

$$BEC = 0.06789$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0000	P	29.0
2	☐	0.500					
3	☐	5.000	3.900	23648.17	0.0028	P	1.7
4	☐	50.000	48.593	291361.32	0.0343	P	0.6
5	☐	125.000	122.659	733609.81	0.0865	P	0.4
6	☐	250.000	243.450	1469258.31	0.1716	P	0.5
7	☐	500.000	491.263	2962400.20	0.3462	P	0.5
8	☐	1000.000	1006.375	5996257.86	0.7092	M	1.2
9	☐			31243.51	0.0038	P	4.0

$$y = 7.0466\text{E-}004 * x + 3.7016\text{E-}005$$

$$R = 0.9999$$

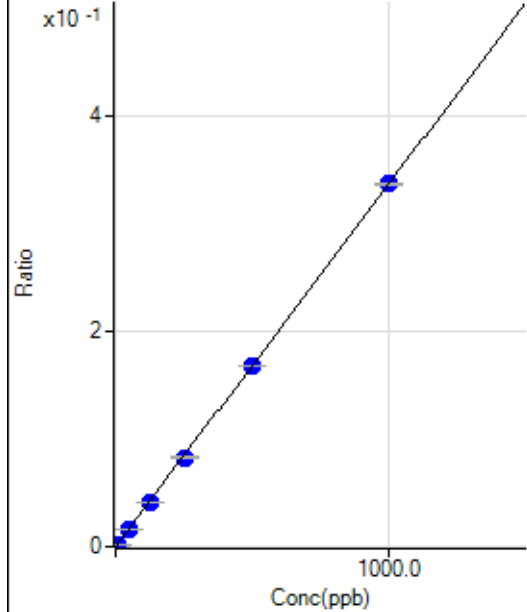
$$DL = 0.04568$$

$$BEC = 0.05253$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.435	12859.07	0.0015	P	3.1
4	☐	50.000	49.676	142328.97	0.0167	P	0.6
5	☐	125.000	124.369	355394.29	0.0419	P	0.4
6	☐	250.000	246.379	710416.36	0.0830	P	0.5
7	☐	500.000	498.908	1437318.52	0.1680	P	0.4
8	☐	1000.000	1001.549	2850912.89	0.3372	P	0.4
9	☐			15370.02	0.0019	P	3.1

$$y = 3.3665\text{E-}004 * x + 2.1634\text{E-}005$$

$$R = 1.0000$$

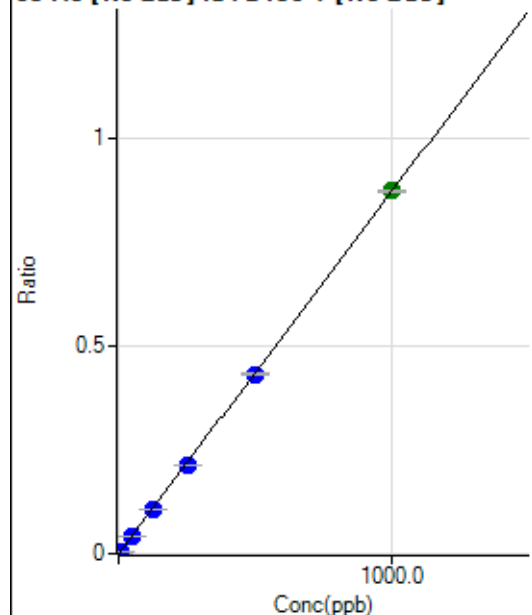
$$DL = 0.05498$$

$$BEC = 0.06426$$

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	316.68	0.0000	P	20.1
2	☐	0.500					
3	☐	5.000	4.628	34534.46	0.0041	P	2.1
4	☐	50.000	49.077	363548.68	0.0428	P	0.5
5	☐	125.000	123.040	909276.96	0.1072	P	0.3
6	☐	250.000	244.918	1826367.53	0.2133	P	1.5
7	☐	500.000	496.809	3701919.57	0.4326	P	0.4
8	☐	1000.000	1003.159	7385777.08	0.8735	A	0.3
9	☐			39926.53	0.0049	P	5.8

$$y = 8.7076E-004 * x + 3.7372E-005$$

$$R = 1.0000$$

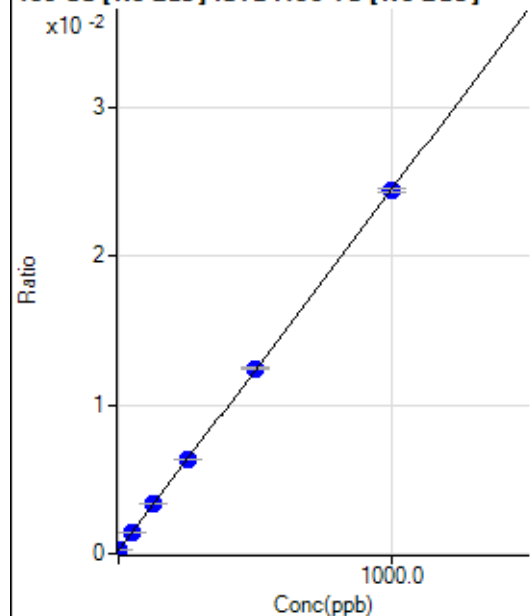
$$DL = 0.02582$$

$$BEC = 0.04292$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2208.61	0.0002	P	1.7
2	☐	0.100					
3	☐	1.000	0.603	2325.29	0.0002	P	7.7
4	☐	50.000	49.726	13851.74	0.0014	P	1.5
5	☐	125.000	128.141	31666.83	0.0033	P	0.6
6	☐	250.000	250.620	60011.28	0.0063	P	0.3
7	☐	500.000	505.052	118080.37	0.0125	P	0.5
8	☐	1000.000	996.940	227939.19	0.0244	P	1.2
9	☐			2080.81	0.0002	P	1.8

$$y = 2.4253E-005 * x + 2.3188E-004$$

$$R = 1.0000$$

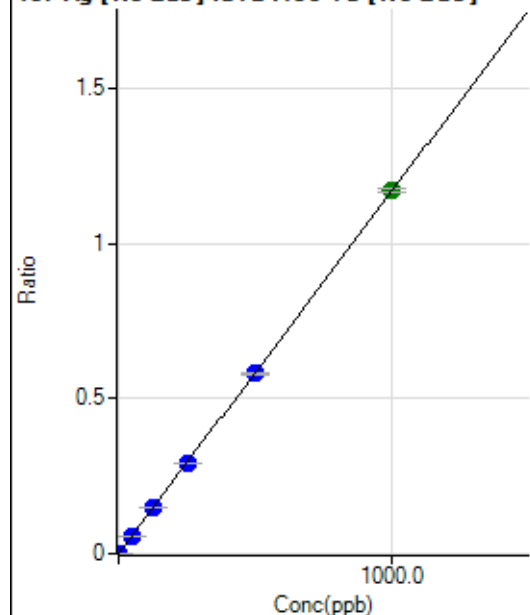
$$DL = 0.4853$$

$$BEC = 9.561$$

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	66.67	0.0000	P	21.5
2	☐	0.100					
3	☐	1.000	2.003	22156.86	0.0023	P	1.5
4	☐	50.000	49.896	562033.21	0.0583	P	0.8
5	☐	125.000	125.826	1394828.22	0.1471	P	1.5
6	☐	250.000	247.869	2756071.22	0.2898	P	0.5
7	☐	500.000	497.073	5498236.10	0.5812	P	0.8
8	☐	1000.000	1001.897	10937943.13	1.1714	A	1.1
9	☐			1180.65	0.0001	P	2.7

$$y = 0.0012 * x + 6.9986E-006$$

$$R = 1.0000$$

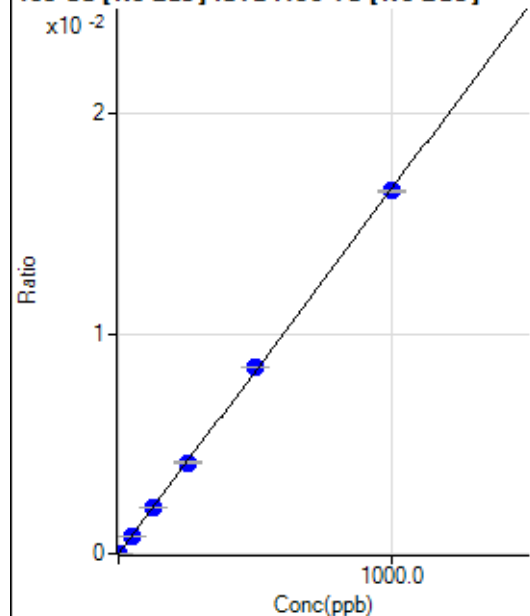
$$DL = 0.003863$$

$$BEC = 0.005986$$

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	13.89	0.0000	P	45.7
2	☐	0.100					
3	☐	1.000	0.845	145.84	0.0000	P	7.3
4	☐	50.000	48.990	7832.86	0.0008	P	2.3
5	☐	125.000	127.553	20050.56	0.0021	P	2.0
6	☐	250.000	249.721	39361.72	0.0041	P	0.9
7	☐	500.000	510.031	79962.93	0.0085	P	0.2
8	☐	1000.000	994.786	153919.08	0.0165	P	0.3
9	☐			47.22	0.0000	P	34.9

$$y = 1.6568E-005 * x + 1.4579E-006$$

$$R = 0.9999$$

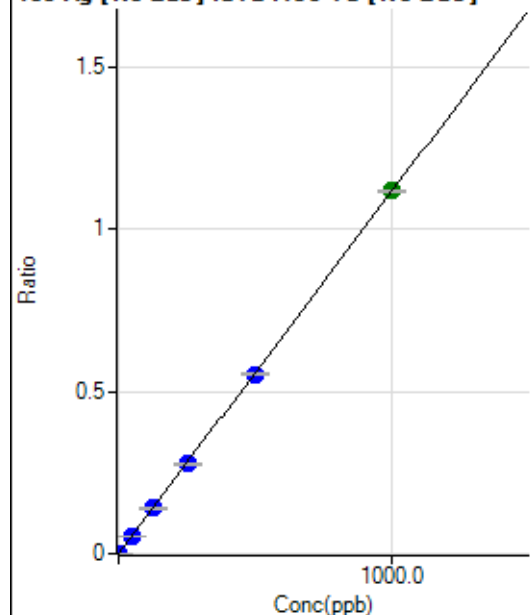
$$DL = 0.1208$$

$$BEC = 0.088$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	1.965	20729.86	0.0022	P	1.1
4	☐	50.000	49.439	531983.81	0.0552	P	0.4
5	☐	125.000	125.235	1326212.42	0.1399	P	2.0
6	☐	250.000	247.195	2625862.19	0.2761	P	0.3
7	☐	500.000	496.535	5247011.40	0.5546	P	1.0
8	☐	1000.000	1002.431	10455405.87	1.1197	A	0.5
9	☐			991.75	0.0001	P	8.7

$$y = 0.0011 * x + 2.0429E-006$$

$$R = 1.0000$$

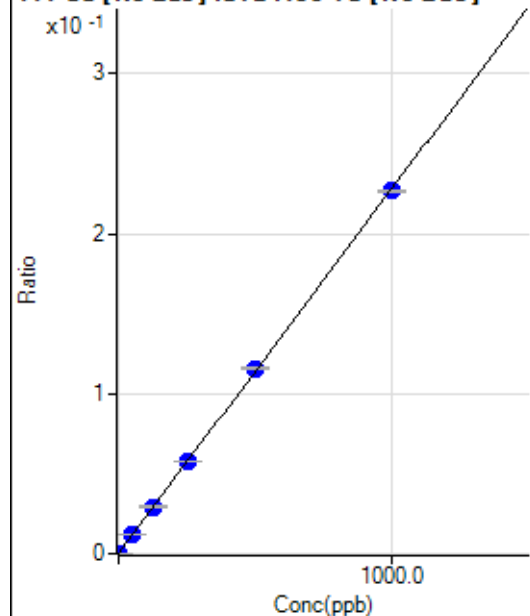
$$DL = 0.00138$$

$$BEC = 0.001829$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1601.58	0.0002	P	2.3
2	☐	0.100					
3	☐	1.000	0.961	3650.83	0.0004	P	3.1
4	☐	50.000	50.503	112356.83	0.0117	P	0.6
5	☐	125.000	128.068	277960.23	0.0293	P	1.9
6	☐	250.000	252.299	547727.24	0.0576	P	1.0
7	☐	500.000	507.320	1094057.77	0.1156	P	0.6
8	☐	1000.000	995.356	2117104.56	0.2267	P	0.5
9	☐			1742.97	0.0002	P	1.6

$$y = 2.2761E-004 * x + 1.6815E-004$$

$$R = 1.0000$$

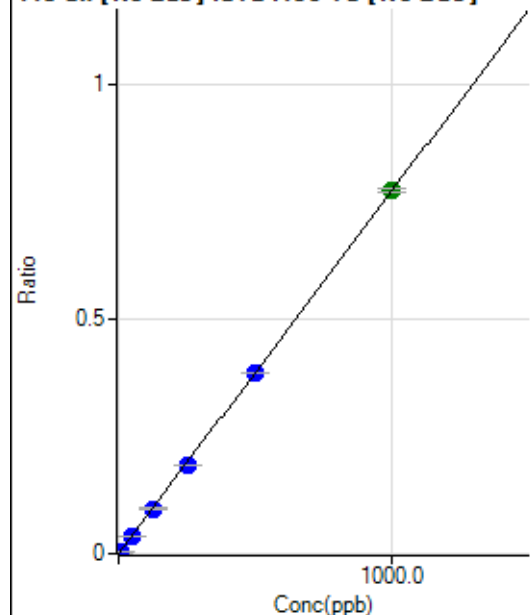
$$DL = 0.05178$$

$$BEC = 0.7388$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.25	0.0000	P	2.2
2	☐	0.500					
3	☐	5.000	4.757	35055.83	0.0037	P	1.0
4	☐	50.000	48.689	362435.84	0.0376	P	0.8
5	☐	125.000	123.729	905840.12	0.0955	P	1.6
6	☐	250.000	244.722	1796696.98	0.1889	P	1.4
7	☐	500.000	500.052	3651959.28	0.3860	P	0.2
8	☐	1000.000	1001.519	7218422.56	0.7730	A	1.2
9	☐			9595.34	0.0011	P	5.8

$$y = 7.7182\text{E-}004 * x + 4.4330\text{E-}005$$

$$R = 1.0000$$

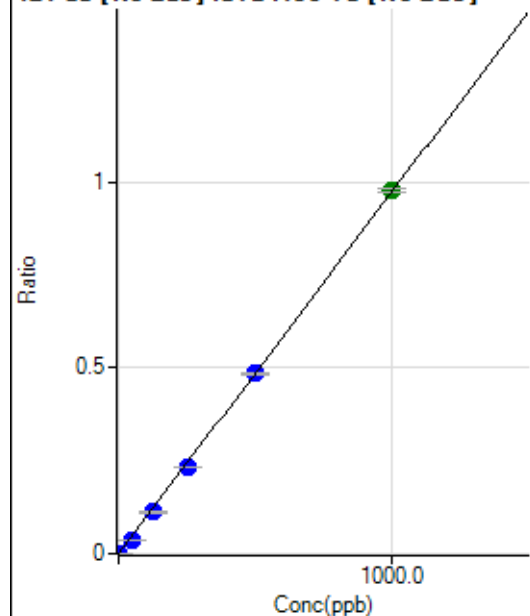
$$DL = 0.003758$$

$$BEC = 0.05744$$

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	25.00	0.0000	P	33.1
2	☐	0.200					
3	☐	2.000	1.955	17939.86	0.0019	P	1.3
4	☐	50.000	39.185	366698.22	0.0381	P	2.4
5	☐	125.000	115.116	1060231.95	0.1118	P	1.5
6	☐	250.000	240.136	2218315.26	0.2333	P	1.0
7	☐	500.000	498.923	4585123.50	0.4846	P	0.7
8	☐	1000.000	1004.781	9113654.63	0.9760	A	1.2
9	☐			47325.29	0.0053	P	4.9

$$y = 9.7135\text{E-}004 * x + 2.6230\text{E-}006$$

$$R = 0.9999$$

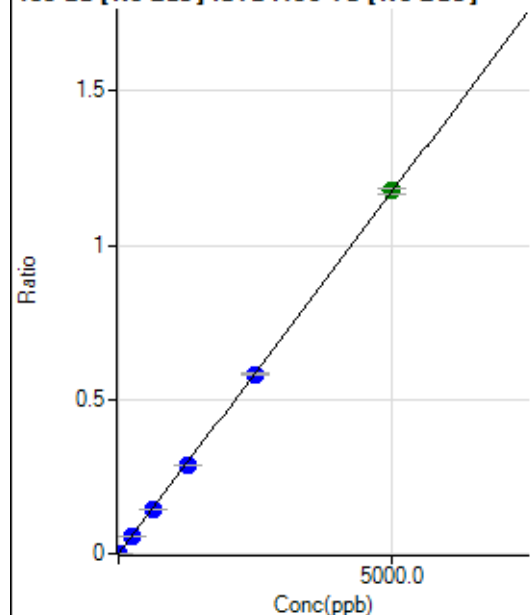
$$DL = 0.002682$$

$$BEC = 0.0027$$

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	158.34	0.0000	P	41.5
2	☐	1.000					
3	☐	10.000	9.253	20621.67	0.0022	P	2.5
4	☐	250.000	242.668	548168.96	0.0569	P	0.3
5	☐	625.000	613.964	1364774.04	0.1439	P	1.4
6	☐	1250.000	1219.807	2719650.06	0.2860	P	0.6
7	☐	2500.000	2480.707	5502088.66	0.5815	P	0.6
8	☐	5000.000	5018.942	10986411.27	1.1766	A	1.3
9	☐			3428.34	0.0004	P	9.7

$$y = 2.3442\text{E-}004 * x + 1.6641\text{E-}005$$

$$R = 1.0000$$

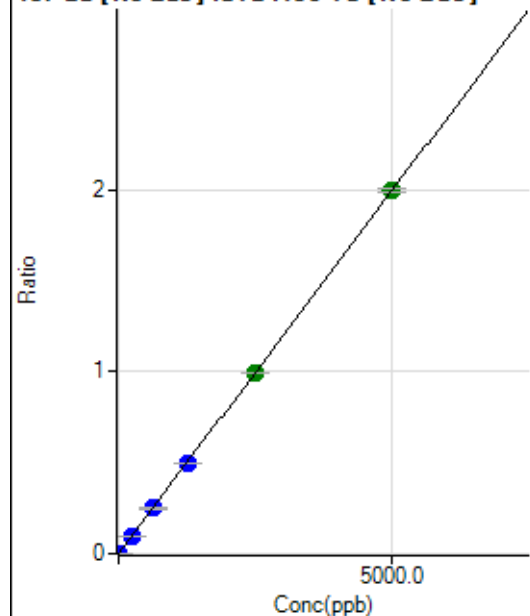
$$DL = 0.08843$$

$$BEC = 0.07099$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	19.1
2	☐	1.000					
3	☐	10.000	9.491	35816.69	0.0038	P	1.1
4	☐	250.000	246.004	942883.79	0.0979	P	0.1
5	☐	625.000	627.373	2366376.68	0.2496	P	1.2
6	☐	1250.000	1247.814	4720692.42	0.4964	P	0.9
7	☐	2500.000	2488.225	9364669.74	0.9898	A	0.4
8	☐	5000.000	5006.338	18595629.06	1.9914	A	1.1
9	☐			5970.96	0.0007	P	1.1

$$y = 3.9778\text{E-}004 * x + 2.0998\text{E-}005$$

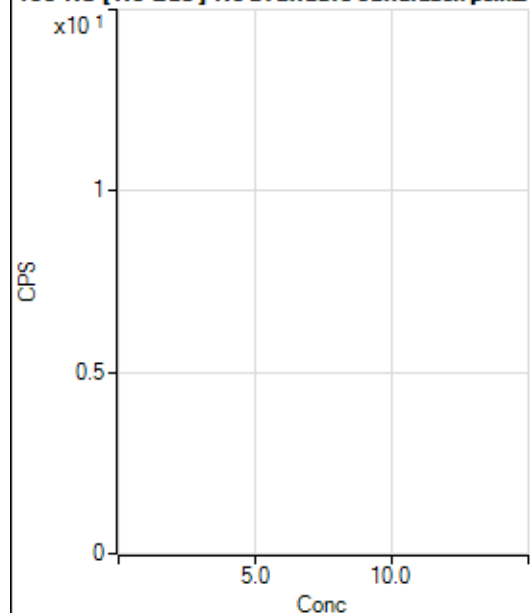
$$R = 1.0000$$

$$DL = 0.03019$$

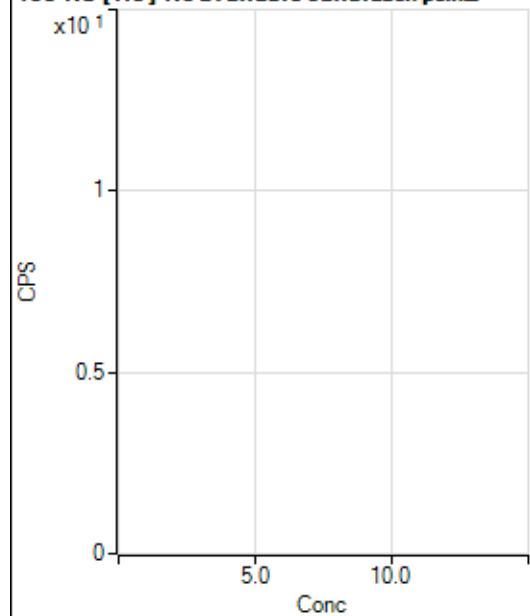
$$BEC = 0.05279$$

Weight: <None>

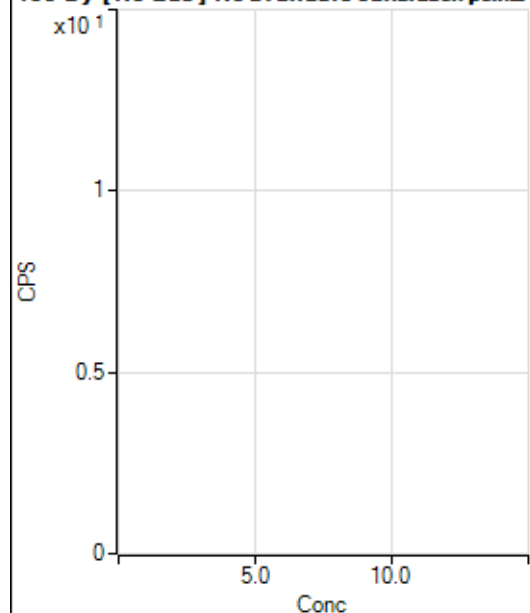
Min Conc: 0

150 Nd [No Gas] No available calibration points

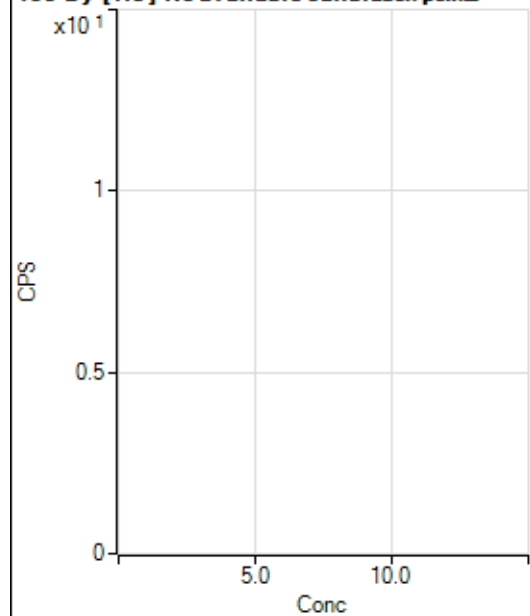
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			35.56		P	28.6
5	☐			124.45		P	39.5
6	☐			182.23		P	9.2
7	☐			231.12		P	13.6
8	☐			397.80		P	2.6
9	☐			140.01		P	24.7

150 Nd [He] No available calibration points

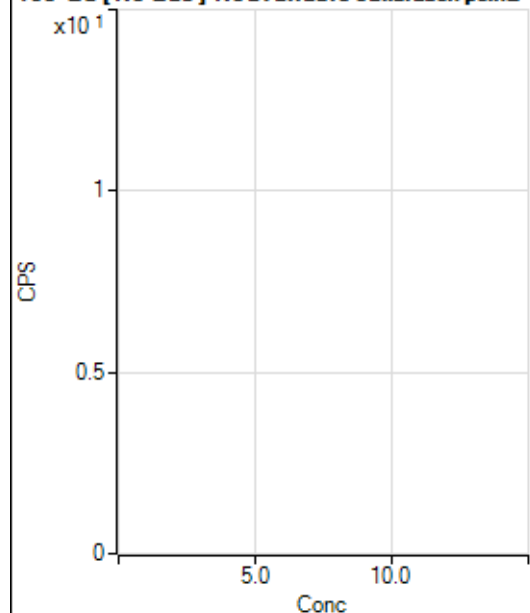
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			7.78		P	65.5
5	☐			23.33		P	24.7
6	☐			53.33		P	18.8
7	☐			23.33		P	37.8
8	☐			47.78		P	33.0
9	☐			71.11		P	40.4

156 Dy [No Gas] No available calibration points

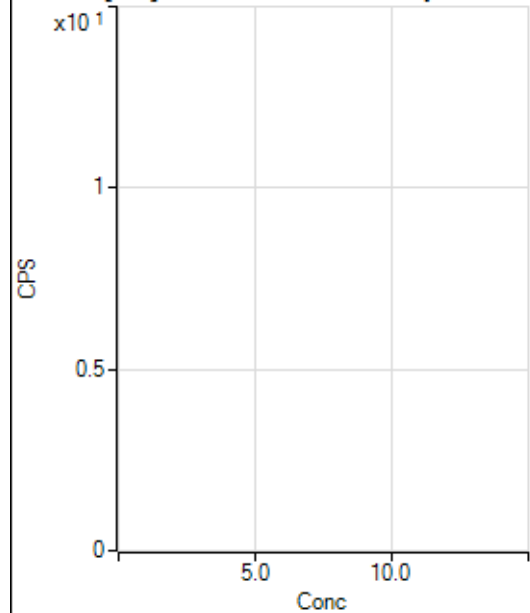
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			33.33		P	25.0
4	☐			33.33		P	25.0
5	☐			69.45		P	30.2
6	☐			91.67		P	27.3
7	☐			122.23		P	14.2
8	☐			111.12		P	38.5
9	☐			113.89		P	18.4

156 Dy [He] No available calibration points

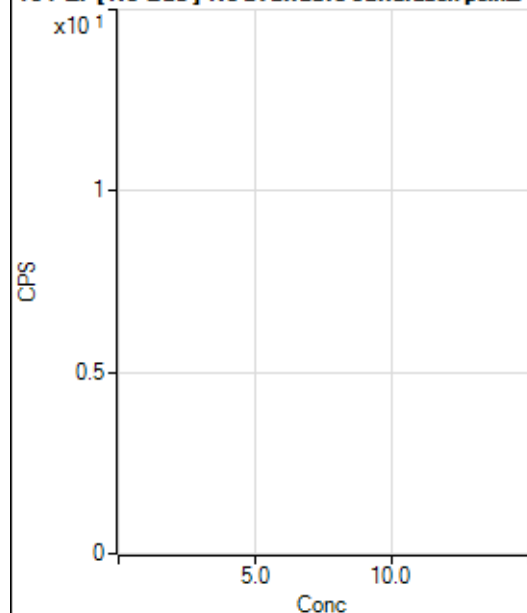
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			5.56		P	91.6
4	☐			6.67		P	0.0
5	☐			25.56		P	19.9
6	☐			42.22		P	58.2
7	☐			22.22		P	45.8
8	☐			30.00		P	19.2
9	☐			56.67		P	27.0

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

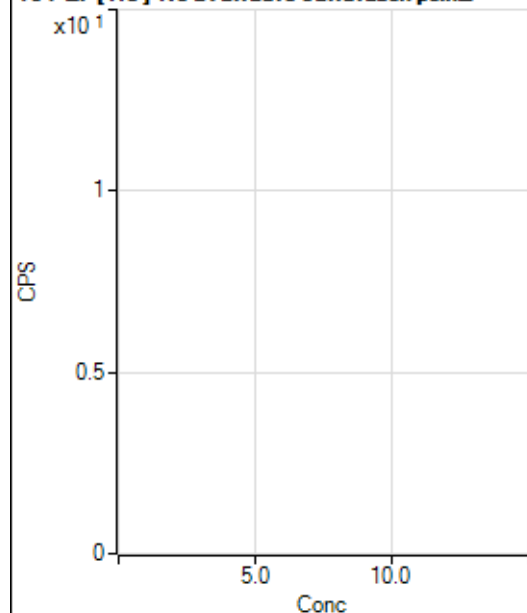
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	91.2
2	☐						
3	☐			38.89		P	75.3
4	☐			38.89		P	44.6
5	☐			61.11		P	28.4
6	☐			105.56		P	18.2
7	☐			83.34		P	40.0
8	☐			66.67		P	25.0
9	☐			144.45		P	40.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	72.1
2	☐						
3	☐			26.67		P	25.0
4	☐			18.89		P	51.0
5	☐			25.56		P	19.9
6	☐			55.56		P	28.4
7	☐			44.44		P	26.3
8	☐			46.67		P	28.6
9	☐			87.78		P	2.2

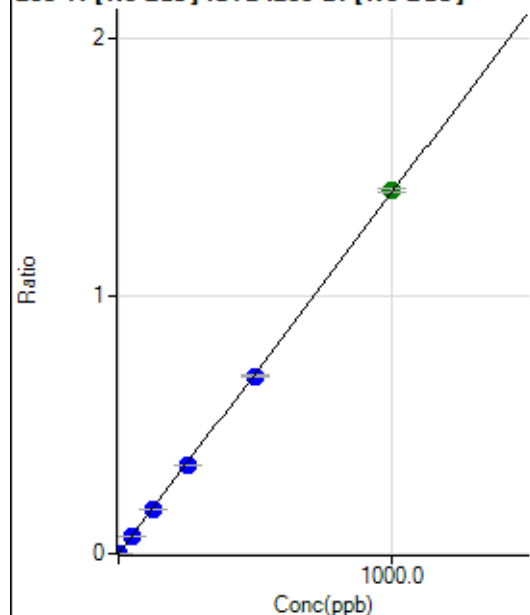
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	15.7
2	☐						
3	☐			41.67		P	60.0
4	☐			41.67		P	52.9
5	☐			41.67		P	52.9
6	☐			75.00		P	22.2
7	☐			47.22		P	27.0
8	☐			83.34		P	20.0
9	☐			83.34		P	10.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	74.6
2	☐						
3	☐			24.45		P	15.8
4	☐			13.33		P	66.1
5	☐			33.33		P	36.1
6	☐			51.11		P	26.4
7	☐			30.00		P	19.2
8	☐			33.33		P	30.0
9	☐			57.78		P	3.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.916	7410.74	0.0013	P	0.8
4	☐	50.000	49.150	386477.71	0.0688	P	0.1
5	☐	125.000	122.033	955124.75	0.1708	P	0.2
6	☐	250.000	243.627	1891114.69	0.3409	P	0.3
7	☐	500.000	492.240	3802397.66	0.6887	P	0.5
8	☐	1000.000	1005.887	7496372.48	1.4073	A	0.9
9	☐			2111.38	0.0004	P	8.8

$$y = 0.0014 * x + 4.6755E-005$$

$$R = 0.9999$$

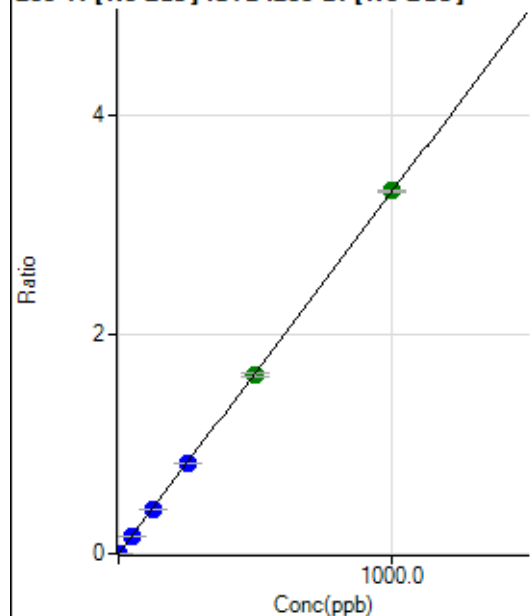
$$DL = 0.01569$$

$$BEC = 0.03342$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	550.04	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.908	17275.79	0.0031	P	3.5
4	☐	50.000	49.656	920938.68	0.1640	P	0.6
5	☐	125.000	123.922	2287849.79	0.4091	P	0.5
6	☐	250.000	247.711	4535694.50	0.8176	P	0.3
7	☐	500.000	493.966	9000978.59	1.6303	A	1.6
8	☐	1000.000	1003.741	17645690.15	3.3127	A	0.3
9	☐			4631.59	0.0010	P	6.8

$$y = 0.0033 * x + 9.7469E-005$$

$$R = 1.0000$$

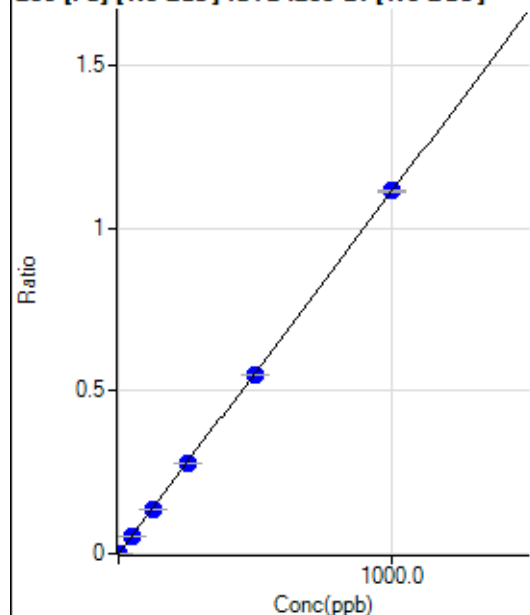
$$DL = 0.003565$$

$$BEC = 0.02953$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	866.72	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	0.967	6859.38	0.0012	P	2.0
4	☐	50.000	49.707	311386.80	0.0554	P	0.4
5	☐	125.000	124.504	775354.72	0.1386	P	0.3
6	☐	250.000	249.732	1541763.27	0.2779	P	0.5
7	☐	500.000	494.774	3039159.21	0.5505	P	0.3
8	☐	1000.000	1002.757	5941816.28	1.1155	P	0.2
9	☐			10815.74	0.0023	P	2.5

$$y = 0.0011 * x + 1.5360E-004$$

$$R = 1.0000$$

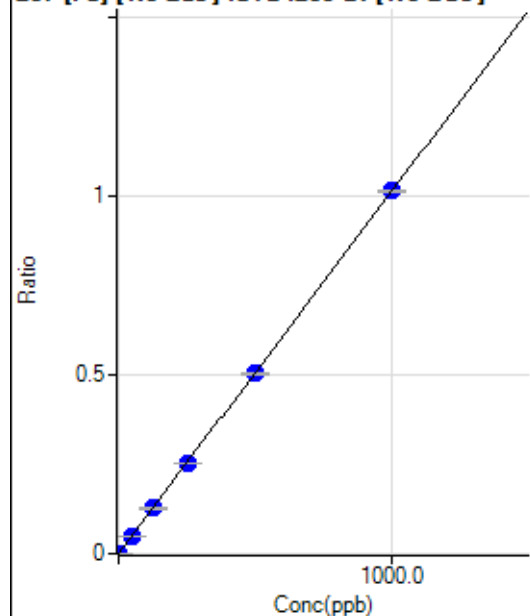
$$DL = 0.0174$$

$$BEC = 0.1381$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	746.34	0.0001	P	2.5
2	☐	0.100					
3	☐	1.000	0.900	5832.94	0.0010	P	4.8
4	☐	50.000	49.652	283472.26	0.0505	P	0.5
5	☐	125.000	124.861	708741.93	0.1267	P	0.5
6	☐	250.000	248.895	1400628.14	0.2525	P	0.2
7	☐	500.000	496.646	2780717.92	0.5037	P	0.3
8	☐	1000.000	1001.988	5411923.50	1.0160	P	0.3
9	☐			9388.77	0.0020	P	2.4

$$y = 0.0010 * x + 1.3226E-004$$

$$R = 1.0000$$

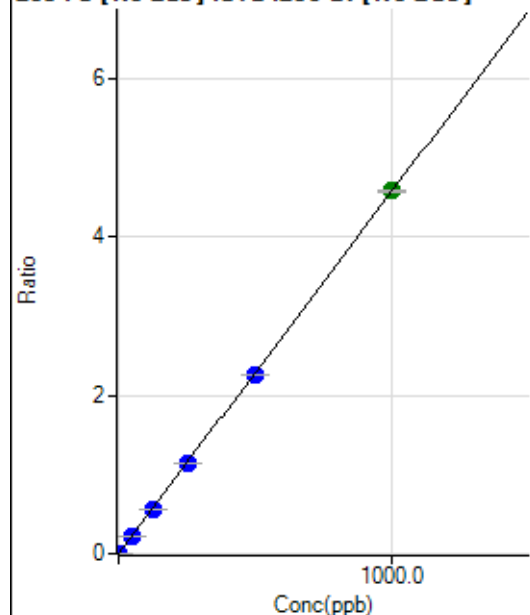
$$DL = 0.009921$$

$$BEC = 0.1305$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3507.70	0.0006	P	0.6
2	☐	0.100					
3	☐	1.000	0.921	26929.98	0.0048	P	2.4
4	☐	50.000	49.338	1268189.59	0.2258	P	0.5
5	☐	125.000	123.801	3163552.98	0.5657	P	0.4
6	☐	250.000	247.696	6274827.45	1.1311	P	0.2
7	☐	500.000	495.717	12494418.54	2.2631	P	0.4
8	☐	1000.000	1002.901	24384630.58	4.5779	A	0.4
9	☐			43011.74	0.0090	P	2.8

$$y = 0.0046 * x + 6.2156E-004$$

$$R = 1.0000$$

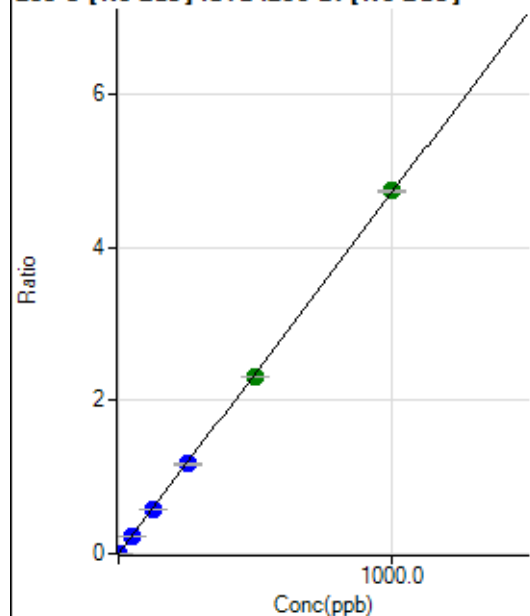
$$DL = 0.002555$$

$$BEC = 0.1362$$

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	1377.91	0.0002	P	15.5
2	☐	0.100					
3	☐	1.000	0.926	25695.77	0.0046	P	1.9
4	☐	50.000	48.966	1295932.19	0.2307	P	0.2
5	☐	125.000	122.995	3239436.44	0.5792	P	0.2
6	☐	250.000	248.260	6484366.03	1.1689	P	0.5
7	☐	500.000	490.343	12744739.26	2.3084	A	0.6
8	☐	1000.000	1005.566	25214791.88	4.7337	A	0.6
9	☐			5073.43	0.0011	P	4.0

$$y = 0.0047 * x + 2.4406E-004$$

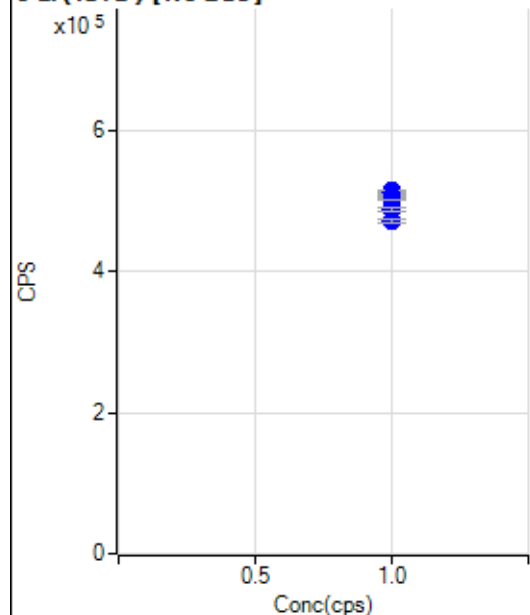
$$R = 0.9999$$

$$DL = 0.02404$$

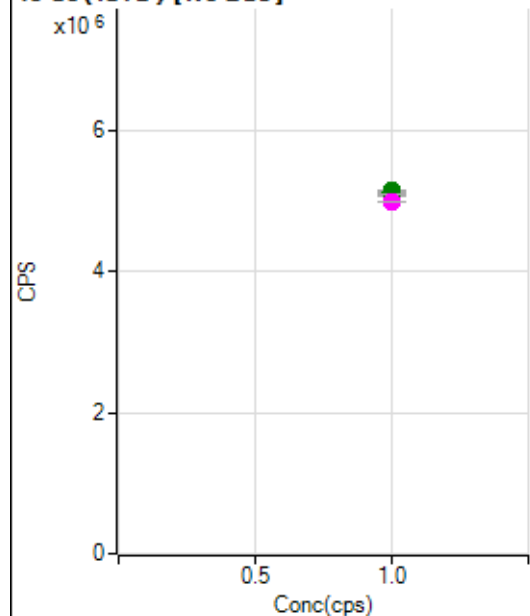
$$BEC = 0.05185$$

Weight: <None>

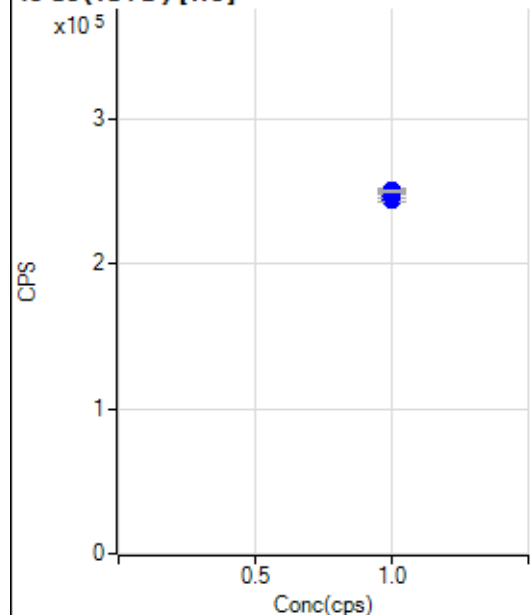
Min Conc: 0

6 Li (ISTD) [No Gas]

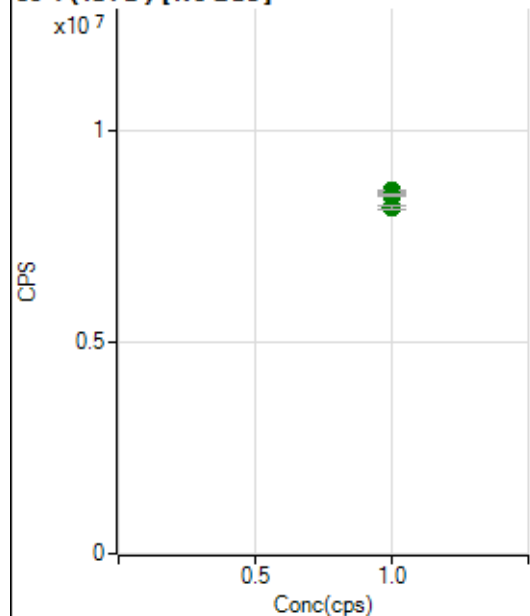
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		513777.52		P	0.3
2	☐	1.000					
3	☐	1.000		509848.95		P	0.2
4	☐	1.000		511818.25		P	0.7
5	☐	1.000		504361.76		P	0.5
6	☐	1.000		505610.21		P	0.7
7	☐	1.000		501336.02		P	0.3
8	☐	1.000		488154.83		P	0.9
9	☐	1.000		470520.51		P	1.0

45 Sc (ISTD) [No Gas]

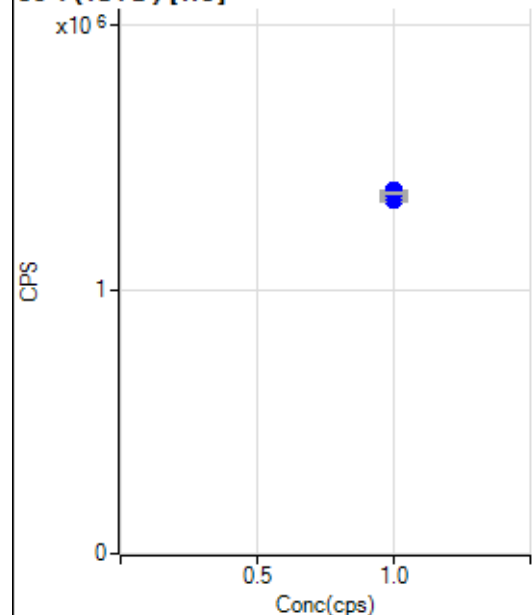
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5078116.30		A	0.4
2	☐	1.000					
3	☐	1.000		5069485.44		A	0.6
4	☐	1.000		5103443.82		A	0.5
5	☐	1.000		5113863.40		A	0.3
6	☐	1.000		5135920.99		A	0.1
7	☐	1.000		5110189.91		A	0.9
8	☐	1.000		5087686.79		A	0.1
9	☐	1.000		4984367.47		M	0.3

45 Sc (ISTD) [He]

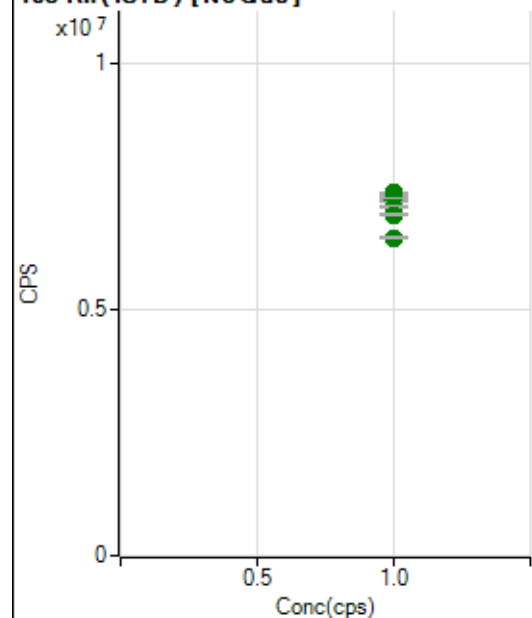
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		244275.70		P	0.9
2	☐	1.000					
3	☐	1.000		247028.68		P	0.9
4	☐	1.000		247981.36		P	0.4
5	☐	1.000		248208.15		P	0.4
6	☐	1.000		249266.97		P	0.2
7	☐	1.000		249911.56		P	0.2
8	☐	1.000		250377.04		P	1.5
9	☐	1.000		250043.19		P	0.3

89 Y (ISTD) [No Gas]

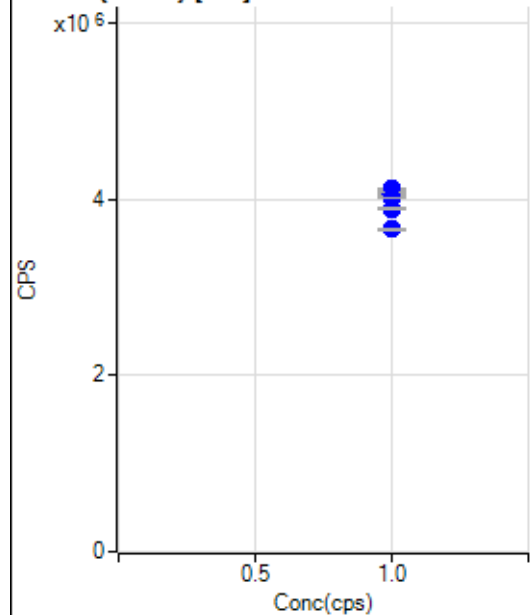
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8476215.22		A	0.3
2	☐	1.000					
3	☐	1.000		8491317.03		A	0.8
4	☐	1.000		8499892.44		A	0.2
5	☐	1.000		8484010.43		A	0.3
6	☐	1.000		8563044.04		A	0.8
7	☐	1.000		8556619.94		A	0.3
8	☐	1.000		8455023.90		A	0.5
9	☐	1.000		8170863.07		A	1.5

89 Y(ISTD) [He]

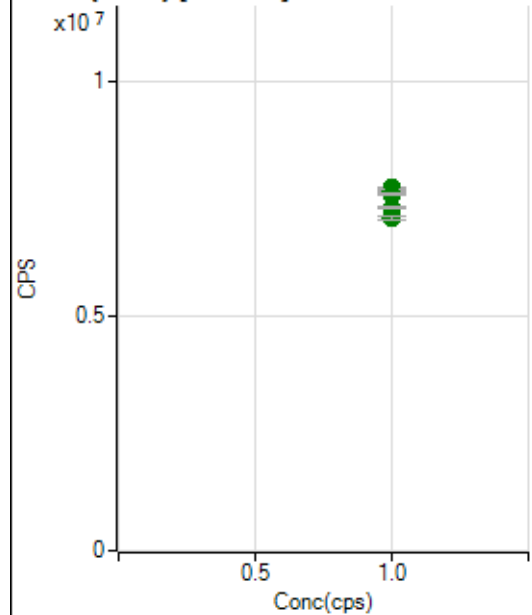
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1336609.77		P	0.4
2	☐	1.000					
3	☐	1.000		1352745.01		P	0.6
4	☐	1.000		1370950.29		P	0.7
5	☐	1.000		1365903.61		P	0.5
6	☐	1.000		1370264.09		P	0.5
7	☐	1.000		1373613.63		P	0.1
8	☐	1.000		1366414.01		P	0.7
9	☐	1.000		1366245.26		P	0.8

103 Rh(ISTD) [No Gas]

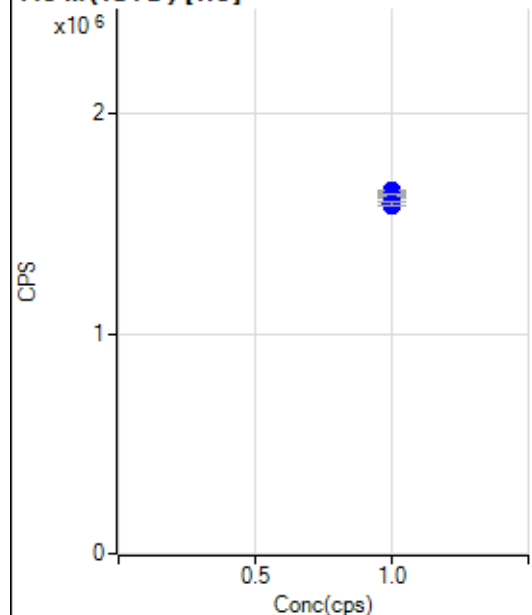
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7353927.77		A	1.0
2	☐	1.000					
3	☐	1.000		7365156.50		A	0.8
4	☐	1.000		7318388.44		A	0.3
5	☐	1.000		7247326.55		A	0.4
6	☐	1.000		7213278.98		A	0.8
7	☐	1.000		7074301.29		A	0.8
8	☐	1.000		6915860.74		A	0.4
9	☐	1.000		6457620.76		A	0.7

103 Rh (ISTD) [He]

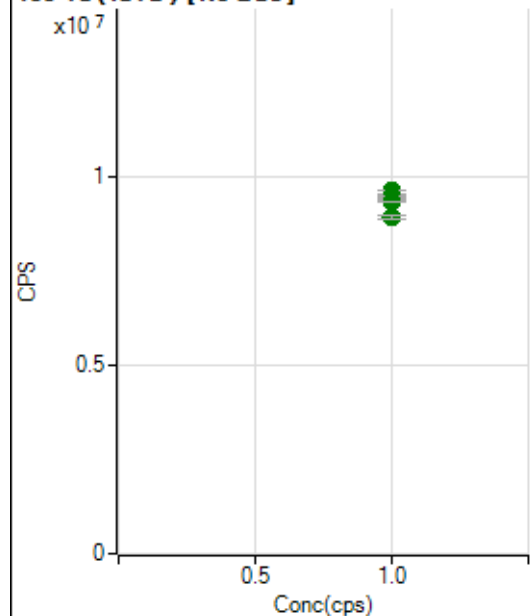
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4050346.57		P	0.2
2	☐	1.000					
3	☐	1.000		4085681.02		P	0.8
4	☐	1.000		4115765.28		P	0.5
5	☐	1.000		4083888.62		P	0.4
6	☐	1.000		4057814.25		P	0.6
7	☐	1.000		4011782.30		P	0.4
8	☐	1.000		3889814.38		P	0.6
9	☐	1.000		3656340.47		P	0.7

115 In (ISTD) [No Gas]

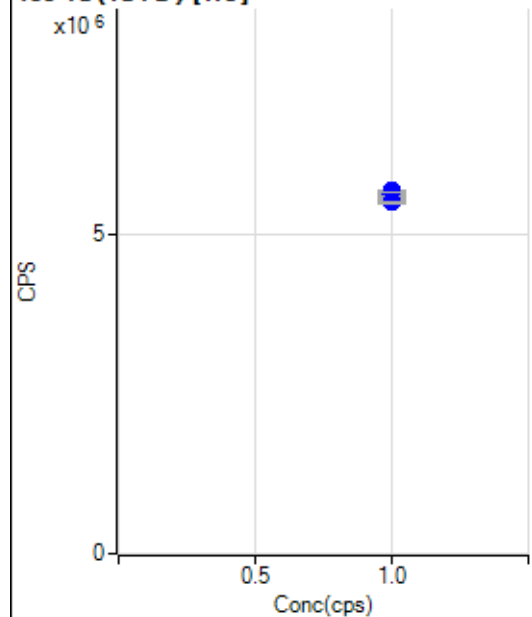
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7713009.90		A	0.6
2	☐	1.000					
3	☐	1.000		7730820.69		A	0.5
4	☐	1.000		7719663.25		A	0.3
5	☐	1.000		7703496.88		A	0.7
6	☐	1.000		7660265.73		A	1.2
7	☐	1.000		7594948.34		A	0.4
8	☐	1.000		7307193.38		A	0.7
9	☐	1.000		7077610.66		A	1.4

115 In (ISTD) [He]

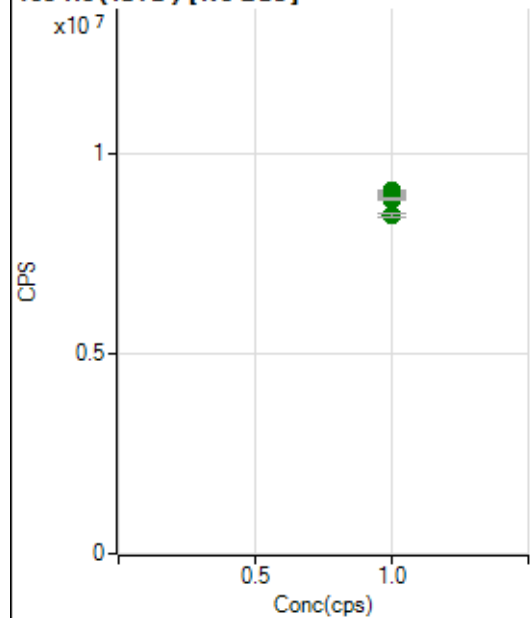
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1619736.25		P	0.7
2	☐	1.000					
3	☐	1.000		1629817.20		P	0.9
4	☐	1.000		1649790.15		P	0.5
5	☐	1.000		1643695.55		P	0.4
6	☐	1.000		1646994.43		P	0.3
7	☐	1.000		1626509.77		P	0.5
8	☐	1.000		1582492.49		P	0.5
9	☐	1.000		1593651.28		P	1.2

159 Tb (ISTD) [No Gas]

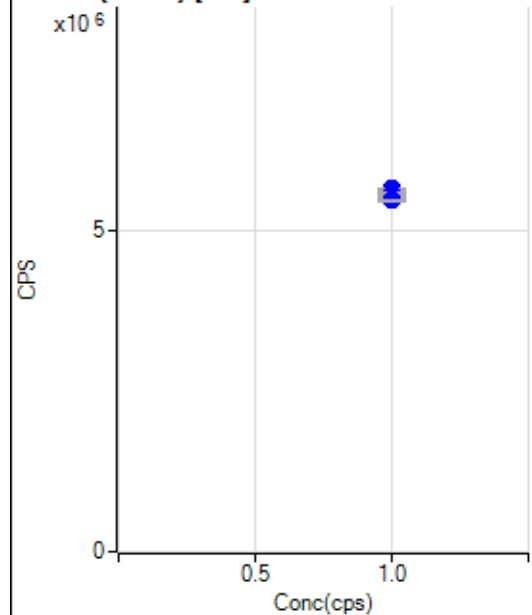
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9525089.30		A	0.4
2	☐	1.000					
3	☐	1.000		9434826.53		A	0.4
4	☐	1.000		9633427.84		A	0.2
5	☐	1.000		9482500.00		A	1.3
6	☐	1.000		9510455.34		A	0.7
7	☐	1.000		9461214.79		A	0.6
8	☐	1.000		9338054.65		A	0.4
9	☐	1.000		8941718.76		A	0.8

159 Tb (ISTD) [He]

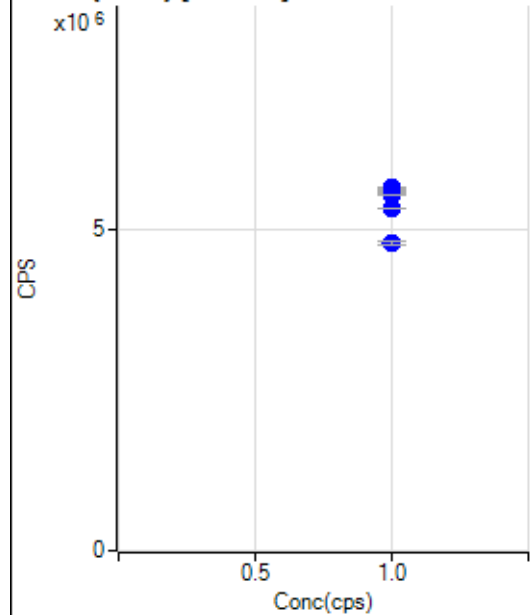
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5545999.43		P	0.5
2	☐	1.000					
3	☐	1.000		5574013.73		P	0.8
4	☐	1.000		5656118.88		P	0.6
5	☐	1.000		5667749.22		P	0.8
6	☐	1.000		5674064.85		P	0.5
7	☐	1.000		5672878.60		P	0.4
8	☐	1.000		5619944.71		P	0.9
9	☐	1.000		5497222.35		P	0.8

165 Ho (ISTD) [No Gas]

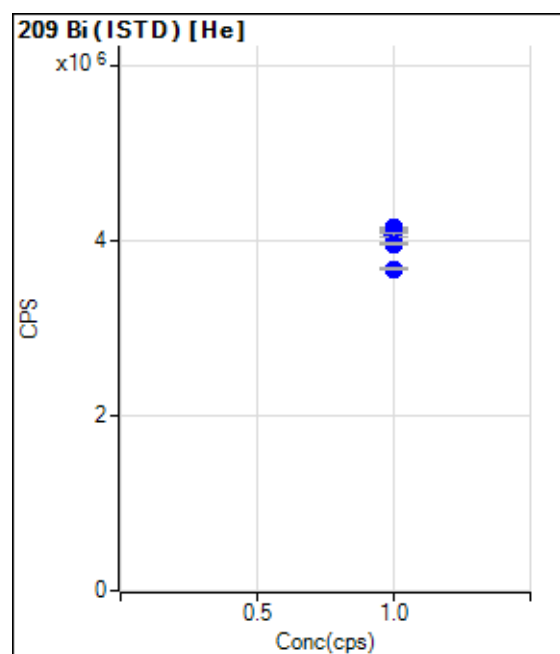
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8945383.45		A	0.2
2	☐	1.000					
3	☐	1.000		8872093.26		A	0.6
4	☐	1.000		9073308.02		A	0.5
5	☐	1.000		8990113.92		A	0.4
6	☐	1.000		8971382.84		A	0.4
7	☐	1.000		8901148.63		A	0.5
8	☐	1.000		8860516.52		A	0.4
9	☐	1.000		8466318.68		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5519579.78		P	0.1
2	☐	1.000					
3	☐	1.000		5535268.53		P	0.8
4	☐	1.000		5625339.99		P	0.3
5	☐	1.000		5618597.69		P	0.2
6	☐	1.000		5616603.53		P	0.5
7	☐	1.000		5660438.04		P	0.8
8	☐	1.000		5594094.99		P	0.6
9	☐	1.000		5481346.34		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5643277.83		P	0.5
2	☐	1.000					
3	☐	1.000		5581861.72		P	0.5
4	☐	1.000		5616498.74		P	0.7
5	☐	1.000		5592769.15		P	0.2
6	☐	1.000		5547493.81		P	0.3
7	☐	1.000		5520964.36		P	0.0
8	☐	1.000		5326666.87		P	0.4
9	☐	1.000		4786239.27		P	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4089817.96		P	0.3
2	☐	1.000					
3	☐	1.000		4117062.44		P	0.9
4	☐	1.000		4144375.32		P	0.6
5	☐	1.000		4112935.25		P	0.6
6	☐	1.000		4099897.82		P	0.2
7	☐	1.000		4062989.52		P	0.8
8	☐	1.000		3957849.63		P	0.5
9	☐	1.000		3675384.21		P	0.7