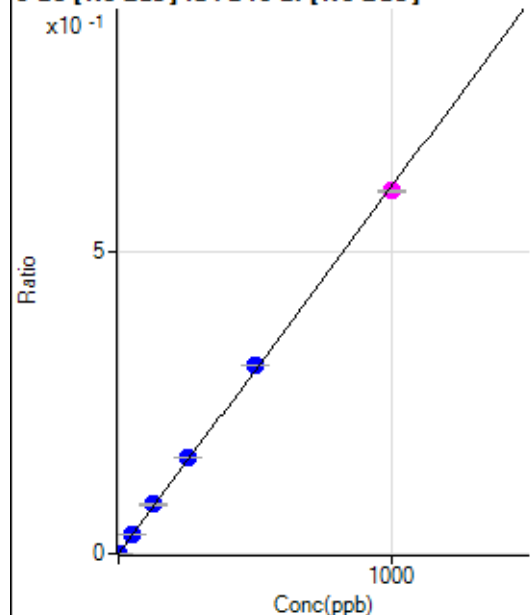


Batch Folder: D:\ICP-MS Data\P7032819-MS.b\
Analysis File: P7032819-MS.batch.bin
DA Date-Time: 2019-03-28 19:51:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-28 15:02:56
2			
3	005CALS.d	S02	2019-03-28 15:11:18
4	006CALS.d	S03	2019-03-28 15:15:13
5	007CALS.d	S04	2019-03-28 15:19:24
6	008CALS.d	S05	2019-03-28 15:23:12
7	009CALS.d	S06	2019-03-28 15:26:59
8	010CALS.d	S07	2019-03-28 15:30:45
9	011CALS.d	S08	2019-03-28 15:34:31

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.11	0.0000	P	7.3
2	☐	0.100					
3	☐	1.000	0.974	4793.05	0.0006	P	1.5
4	☐	50.000	52.749	251364.39	0.0320	P	0.4
5	☐	125.000	133.601	626686.58	0.0811	P	0.5
6	☐	250.000	263.411	1216670.23	0.1598	P	0.2
7	☐	500.000	514.135	2325108.94	0.3119	P	0.6
8	☐	1000.000	988.367	4383573.58	0.5995	M	0.7
9	☐			623.36	0.0001	P	7.1

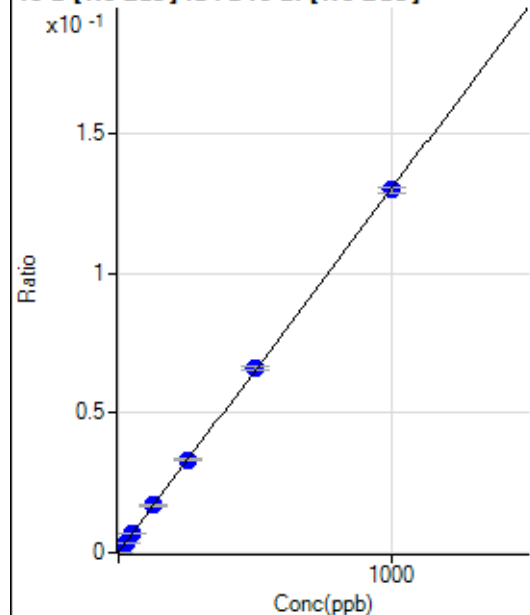
$$y = 6.0658\text{E-}004 * x + 2.3520\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.008537$$

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	1755.74	0.0002	P	8.6
2	☐	2.500					
3	☐	25.000	23.478	25597.52	0.0033	P	2.0
4	☐	50.000	50.293	53144.52	0.0068	P	1.8
5	☐	125.000	128.027	130509.68	0.0169	P	2.2
6	☐	250.000	254.458	253743.35	0.0333	P	2.6
7	☐	500.000	503.763	490203.77	0.0658	P	2.1
8	☐	1000.000	996.649	949503.40	0.1299	P	1.5
9	☐			33365.58	0.0051	P	9.5

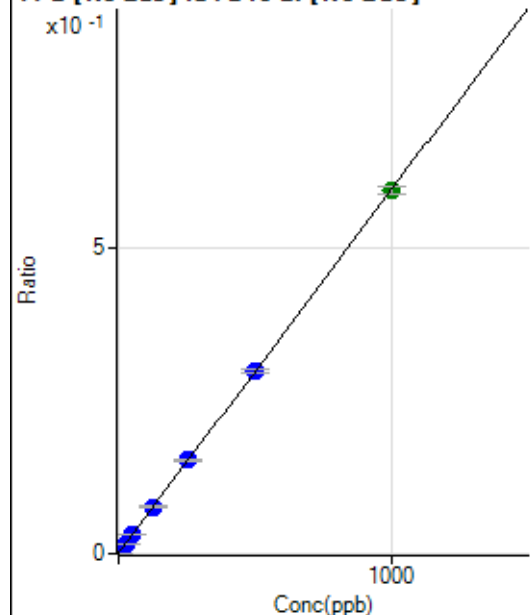
$$y = 1.3008\text{E-}004 * x + 2.2812\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4534$$

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	7571.61	0.0010	P	2.8
2	☐	2.500					
3	☐	25.000	23.665	117499.47	0.0151	P	1.7
4	☐	50.000	50.294	242667.92	0.0309	P	1.0
5	☐	125.000	127.975	596359.21	0.0771	P	1.6
6	☐	250.000	256.508	1169696.78	0.1536	P	1.5
7	☐	500.000	502.845	2238172.01	0.3002	P	2.3
8	☐	1000.000	996.598	4343240.24	0.5941	A	2.1
9	☐			151021.88	0.0232	P	11.0

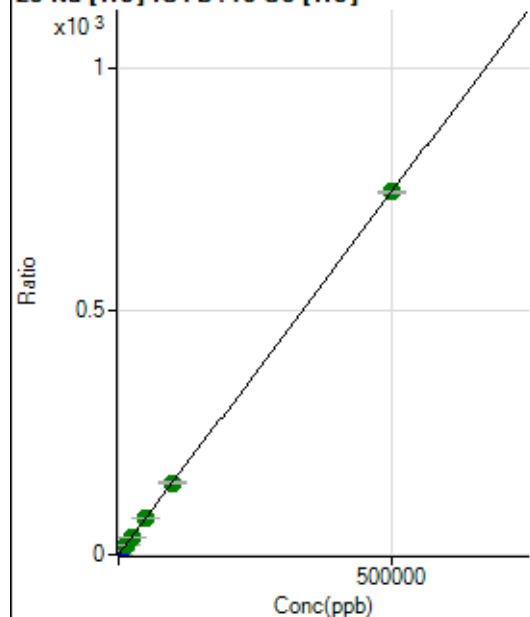
$$y = 5.9510\text{E-}004 * x + 9.8352\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1388$$

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	10081.56	0.0201	P	4.7
2	☐	50.000					
3	☐	500.000	490.229	386163.76	0.7506	P	0.6
4	☐	5000.000	5021.090	4043701.78	7.5013	P	1.2
5	☐	12500.000	12885.852	9813626.78	19.2193	A	0.8
6	☐	25000.000	24573.832	19374892.79	36.6337	A	3.4
7	☐	50000.000	50171.466	38061028.97	74.7727	A	1.9
8	☐	100000.00	99121.345	75994787.81	147.7051	A	0.8
9	☐	500000.00	500170.04	381200216.8	745.2439	A	0.8

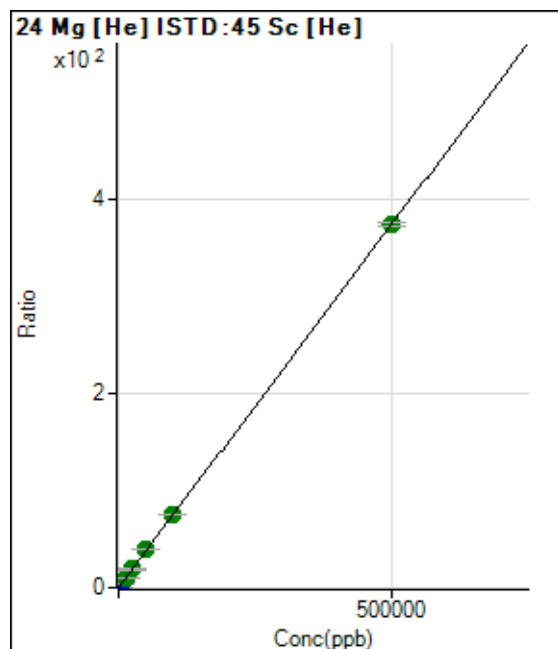
$$y = 0.0015 * x + 0.0201$$

$$R = 1.0000$$

$$DL = 1.904$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0002	P	23.3
2	☐	50.000					
3	☐	500.000	528.519	203069.89	0.3947	P	1.1
4	☐	5000.000	5279.212	2124327.63	3.9407	P	1.0
5	☐	12500.000	13253.427	5051377.85	9.8928	A	0.5
6	☐	25000.000	25202.628	9949967.32	18.8120	A	3.0
7	☐	50000.000	52088.030	19791925.27	38.8798	A	0.8
8	☐	100000.00	101047.35	38806796.01	75.4240	A	0.3
9	☐	500000.00	499549.93	190740387.6	372.8745	A	0.9

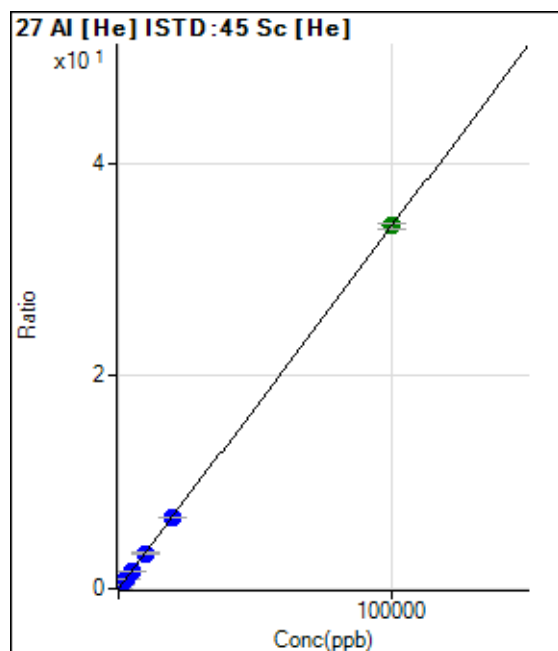
$$y = 7.4642\text{E-}004 * x + 2.0012\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1873$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0001	P	38.1
2	☐	2.000					
3	☐	20.000	20.078	3572.82	0.0069	P	6.9
4	☐	1000.000	981.586	180304.55	0.3345	P	1.6
5	☐	2500.000	2542.069	442218.03	0.8660	P	0.6
6	☐	5000.000	4831.184	870468.42	1.6458	P	3.2
7	☐	10000.000	9814.884	1701984.76	3.3435	P	1.0
8	☐	20000.000	19424.632	3404510.79	6.6169	P	0.4
9	☐	100000.00	100141.15	17449822.79	34.1122	A	1.3

$$y = 3.4064\text{E-}004 * x + 1.0578\text{E-}004$$

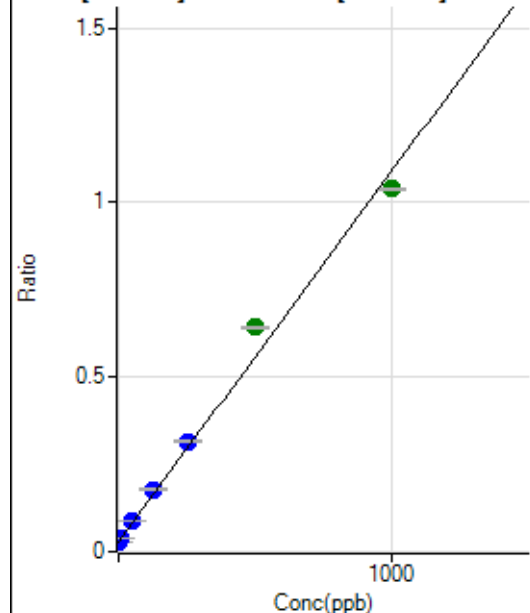
$$R = 1.0000$$

$$DL = 0.3546$$

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	299548.46	0.0282	P	1.2
2	☐	1.000					
3	☐	10.000	8.626	406397.30	0.0373	P	2.6
4	☐	50.000	55.195	949718.71	0.0867	P	0.6
5	☐	125.000	141.959	1926242.41	0.1787	P	2.1
6	☐	250.000	270.618	3334636.71	0.3151	P	2.5
7	☐	500.000	578.631	6727578.06	0.6417	A	1.2
8	☐	1000.000	953.164	10961215.87	1.0387	A	0.7
9	☐			955748.97	0.0968	P	0.6

$$y = 0.0011 * x + 0.0282$$

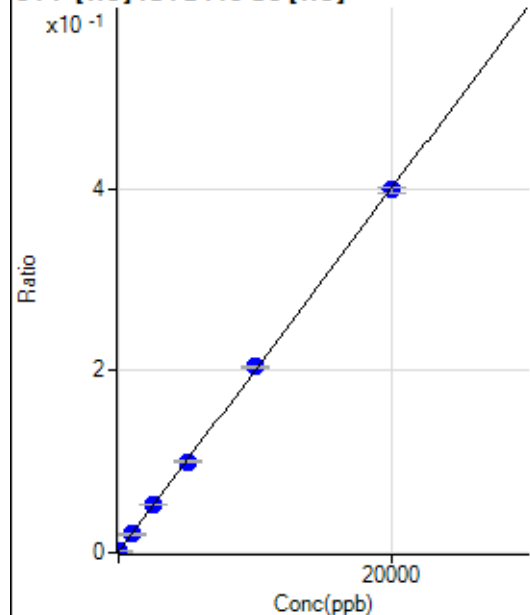
$$R = 0.9949$$

$$DL = 0.9318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-22.762	252.79	0.0005	P	18.3
2	☐	0.000					
3	☐	0.000	22.762	727.83	0.0014	P	9.1
4	☐	1000.000	962.899	10887.73	0.0202	P	1.2
5	☐	2500.000	2570.135	26708.01	0.0523	P	1.3
6	☐	5000.000	4949.631	52819.48	0.0998	P	1.9
7	☐	10000.000	10180.837	104025.20	0.2043	P	1.1
8	☐	20000.000	19915.262	205203.57	0.3988	P	1.4
9	☐			338.91	0.0007	P	18.8

$$y = 1.9977E-005 * x + 9.6028E-004$$

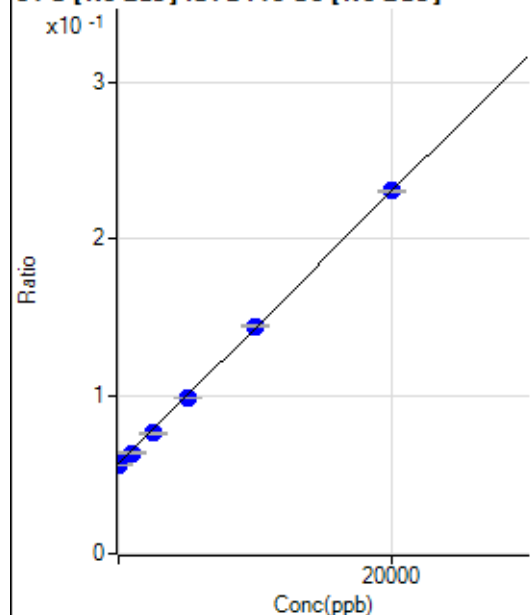
$$R = 0.9999$$

$$DL = 16.65$$

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	77.968	616735.39	0.0580	P	1.3
2	☐	0.000					
3	☐	0.000	-77.968	617007.42	0.0566	P	0.7
4	☐	1000.000	764.880	700421.78	0.0639	P	1.9
5	☐	2500.000	2219.191	824931.75	0.0765	P	0.5
6	☐	5000.000	4848.465	1050690.81	0.0993	P	0.5
7	☐	10000.000	10093.474	1516739.51	0.1447	P	1.0
8	☐	20000.000	20038.004	2434661.58	0.2307	P	0.6
9	☐			521413.32	0.0528	P	0.9

$$y = 8.6540\text{E-}006 * x + 0.0573$$

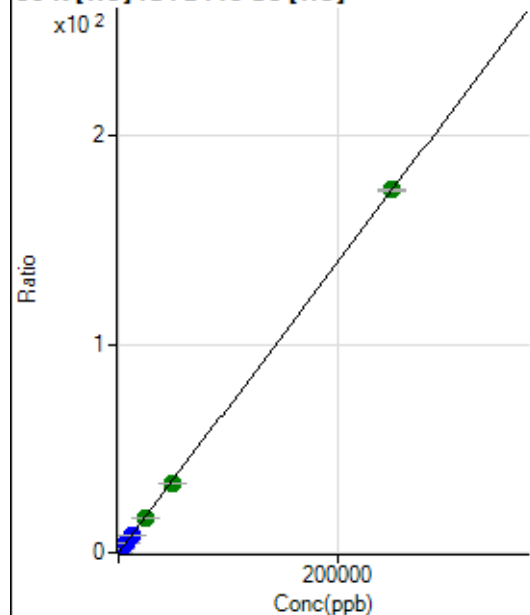
$$R = 0.9998$$

$$DL = 201.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22790.45	0.0455	P	0.8
2	☐	50.000					
3	☐	500.000	473.478	192791.27	0.3747	P	0.7
4	☐	2500.000	2468.832	949854.50	1.7620	P	1.1
5	☐	6250.000	6309.099	2263046.28	4.4321	P	0.8
6	☐	12500.000	12057.143	4457926.01	8.4285	P	3.1
7	☐	25000.000	24154.620	8572566.34	16.8395	A	0.7
8	☐	50000.000	47882.972	17152822.95	33.3372	A	0.2
9	☐	250000.00	250528.97	89126786.72	174.2313	A	0.2

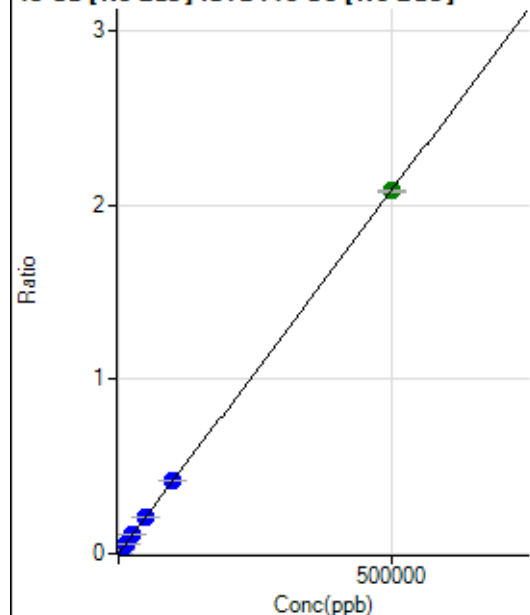
$$y = 6.9527\text{E-}004 * x + 0.0455$$

$$R = 1.0000$$

$$DL = 1.52$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	12.2
2	☐	50.000					
3	☐	500.000	488.724	22389.88	0.0021	P	3.7
4	☐	5000.000	5156.206	235732.41	0.0215	P	1.8
5	☐	12500.000	13192.804	593225.99	0.0550	P	0.5
6	☐	25000.000	26136.998	1153565.26	0.1090	P	1.3
7	☐	50000.000	51324.164	2243851.28	0.2140	P	1.0
8	☐	100000.00	100323.90	4414348.19	0.4183	P	1.4
9	☐	500000.00	499727.08	20573283.79	2.0836	A	0.5

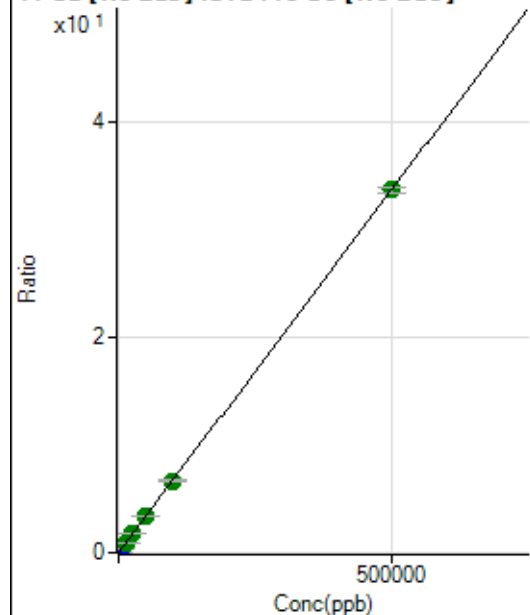
$$y = 4.1694\text{E-}006 * x + 1.7240\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.515$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18384.37	0.0017	P	4.2
2	☐	50.000					
3	☐	500.000	475.974	368123.41	0.0338	P	0.6
4	☐	5000.000	5132.508	3806740.36	0.3475	P	0.0
5	☐	12500.000	12788.073	9305413.66	0.8631	A	0.8
6	☐	25000.000	25469.311	18176942.59	1.7173	A	0.6
7	☐	50000.000	49890.442	35253670.93	3.3623	A	0.3
8	☐	100000.00	99128.139	70477755.05	6.6790	A	1.3
9	☐	500000.00	500153.36	332637974.1	33.6918	A	1.8

$$y = 6.7360\text{E-}005 * x + 0.0017$$

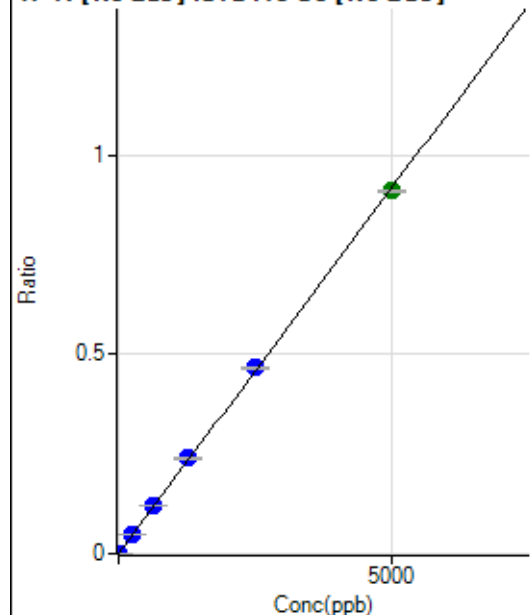
$$R = 1.0000$$

$$DL = 3.268$$

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	222.23	0.0000	P	12.3
2	☐	0.500					
3	☐	5.000	4.914	10056.60	0.0009	P	0.6
4	☐	250.000	256.105	515376.25	0.0470	P	0.6
5	☐	625.000	649.866	1286531.68	0.1193	P	0.3
6	☐	1250.000	1302.530	2531228.44	0.2392	P	0.4
7	☐	2500.000	2539.204	4888017.73	0.4662	P	0.7
8	☐	5000.000	4963.852	9616729.04	0.9113	A	0.9
9	☐			4256.34	0.0004	P	5.2

$$y = 1.8359E-004 * x + 2.0915E-005$$

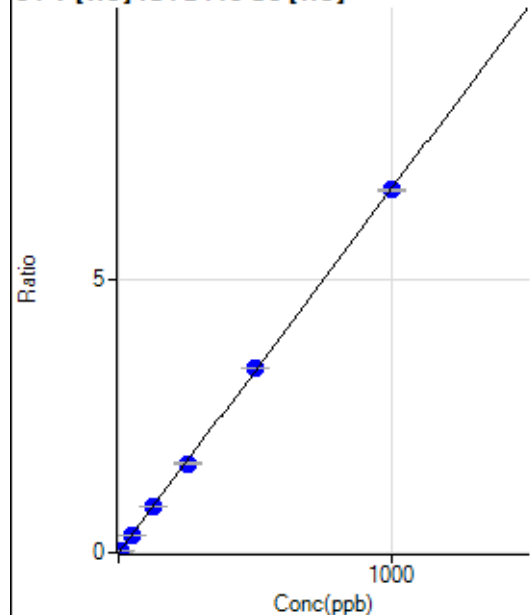
$$R = 0.9999$$

$$DL = 0.04189$$

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	44.44	0.0001	P	5.8
2	☐	0.500					
3	☐	5.000	5.017	17216.89	0.0335	P	1.2
4	☐	50.000	49.843	178773.64	0.3316	P	1.1
5	☐	125.000	128.692	437151.80	0.8561	P	0.5
6	☐	250.000	245.100	862347.88	1.6304	P	3.2
7	☐	500.000	507.154	1717326.90	3.3736	P	0.9
8	☐	1000.000	997.194	3413085.71	6.6332	P	0.4
9	☐			595.58	0.0012	P	8.5

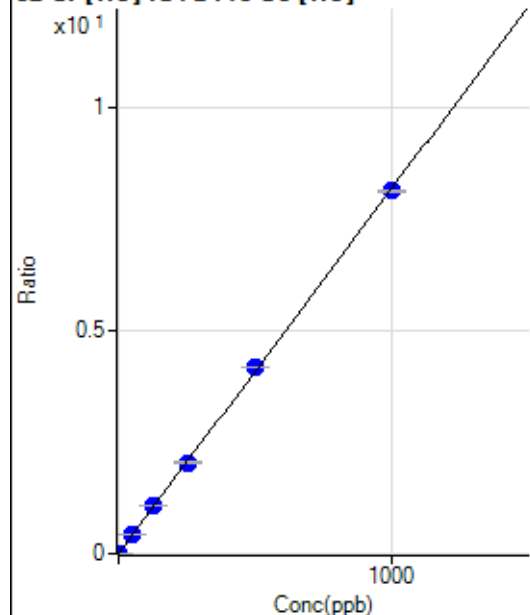
$$y = 0.0067 * x + 8.8799E-005$$

$$R = 0.9999$$

$$DL = 0.002334$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2195.75	0.0044	P	3.2
2	☐	0.200					
3	☐	2.000	1.996	10659.57	0.0207	P	4.1
4	☐	50.000	51.222	228237.87	0.4234	P	0.7
5	☐	125.000	130.987	549342.43	1.0759	P	0.6
6	☐	250.000	249.709	1082585.22	2.0470	P	3.5
7	☐	500.000	509.394	2123463.65	4.1712	P	0.2
8	☐	1000.000	994.566	4188275.35	8.1399	P	0.3
9	☐			29435.10	0.0575	P	0.3

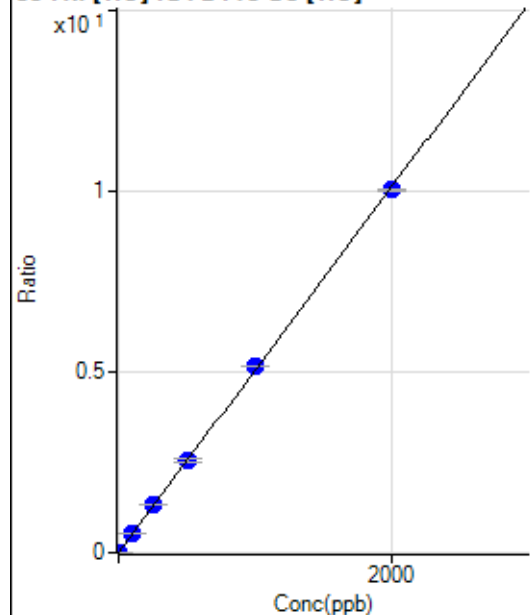
$$y = 0.0082 * x + 0.0044$$

$$R = 0.9999$$

$$DL = 0.05222$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0001	P	18.0
2	☐	0.100					
3	☐	1.000	1.051	2812.54	0.0055	P	3.6
4	☐	100.000	103.721	283212.20	0.5254	P	1.6
5	☐	250.000	265.096	685531.66	1.3426	P	0.4
6	☐	500.000	502.482	1345880.80	2.5447	P	3.2
7	☐	1000.000	1024.452	2641015.59	5.1879	P	0.2
8	☐	2000.000	1985.081	5172306.00	10.0525	P	0.2
9	☐			20682.58	0.0404	P	1.5

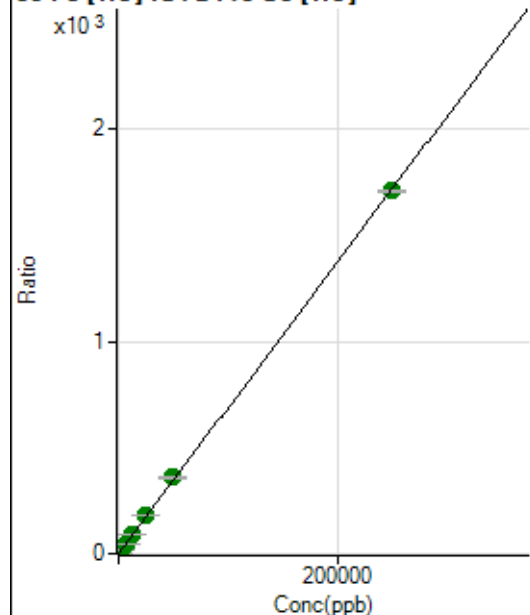
$$y = 0.0051 * x + 1.4227E-004$$

$$R = 0.9999$$

$$DL = 0.01518$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7670.72	0.0153	P	3.4
2	☐	5.000					
3	☐	50.000	54.981	201984.01	0.3926	P	0.7
4	☐	2500.000	2701.733	10002065.50	18.5540	A	0.7
5	☐	6250.000	6946.201	24345727.16	47.6787	A	0.5
6	☐	12500.000	13167.473	47789269.59	90.3678	A	4.0
7	☐	25000.000	26741.033	93415390.05	183.5068	A	0.9
8	☐	50000.000	52341.036	184787907.8	359.1687	A	1.0
9	☐	250000.00	249304.89	875109730.6	1,710.693	A	0.2

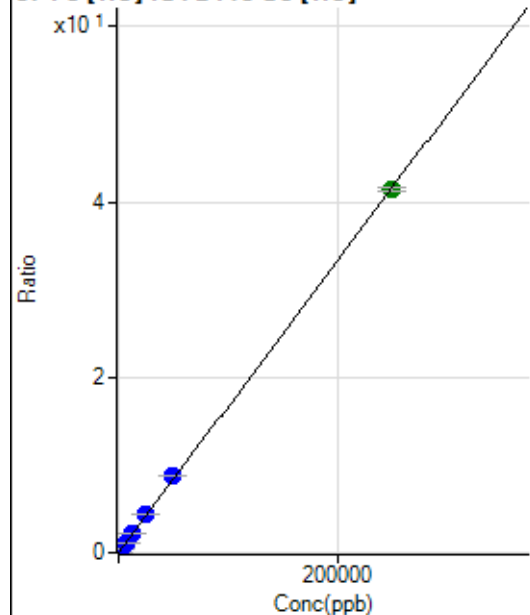
$$y = 0.0069 * x + 0.0153$$

$$R = 0.9999$$

$$DL = 0.2265$$

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	209.27	0.0004	P	9.2
2	☐	5.000					
3	☐	50.000	58.619	5227.00	0.0102	P	2.1
4	☐	2500.000	2739.901	245660.02	0.4557	P	0.7
5	☐	6250.000	7025.152	596282.66	1.1678	P	0.5
6	☐	12500.000	13475.775	1184591.35	2.2397	P	3.0
7	☐	25000.000	27013.398	2285362.35	4.4892	P	0.2
8	☐	50000.000	53285.217	4556110.06	8.8547	P	0.4
9	☐	250000.00	249071.04	21170489.13	41.3882	A	1.1

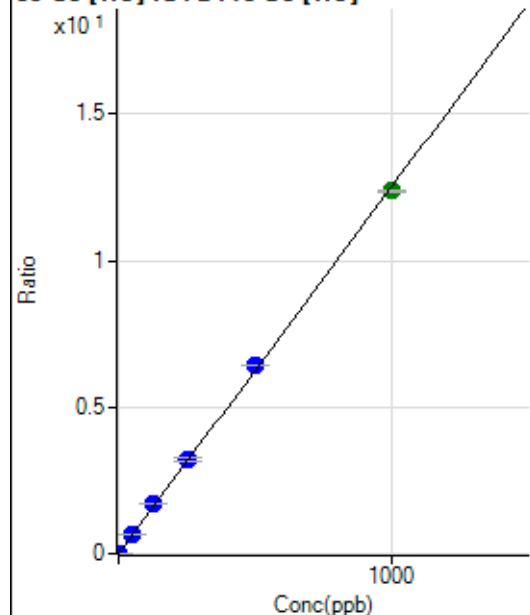
$$y = 1.6617E-004 * x + 4.1826E-004$$

$$R = 0.9999$$

$$DL = 0.6922$$

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	194.45	0.0004	P	5.2
2	☐	0.100					
3	☐	1.000	1.020	6760.56	0.0131	P	1.8
4	☐	50.000	52.717	355606.30	0.6597	P	1.4
5	☐	125.000	135.347	864494.68	1.6930	P	0.2
6	☐	250.000	255.964	1693312.49	3.2015	P	3.0
7	☐	500.000	515.319	3280976.97	6.4450	P	0.2
8	☐	1000.000	989.420	6366591.43	12.3740	A	0.6
9	☐			71818.17	0.1404	P	0.9

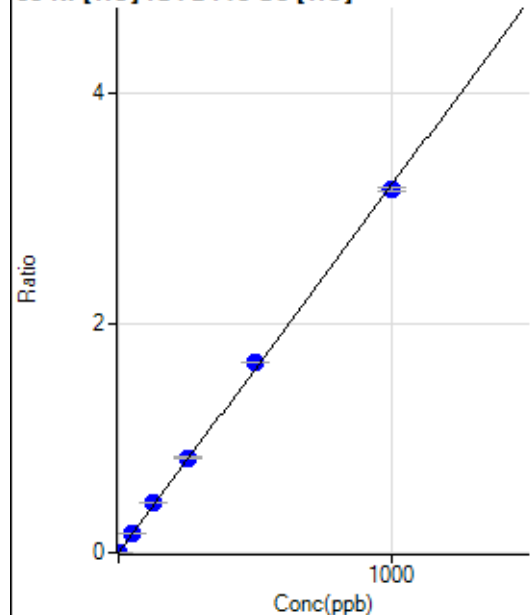
$$y = 0.0125 * x + 3.8832E-004$$

$$R = 0.9998$$

$$DL = 0.004809$$

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	160.00	0.0003	P	22.9
2	☐	0.100					
3	☐	1.000	1.088	1955.72	0.0038	P	4.7
4	☐	50.000	53.782	92917.83	0.1724	P	1.0
5	☐	125.000	136.154	222559.78	0.4359	P	0.4
6	☐	250.000	258.572	437683.77	0.8275	P	2.9
7	☐	500.000	517.594	843069.61	1.6561	P	0.4
8	☐	1000.000	987.477	1625577.60	3.1592	P	1.2
9	☐			18600.91	0.0364	P	1.6

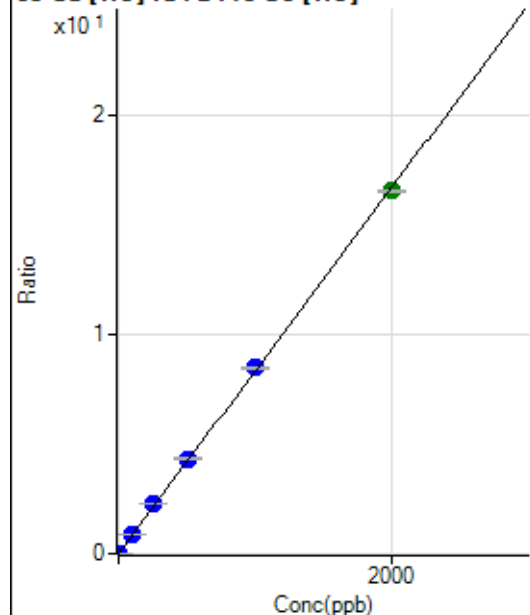
$$y = 0.0032 * x + 3.2015E-004$$

$$R = 0.9997$$

$$DL = 0.06873$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	692.25	0.0014	P	5.4
2	☐	0.200					
3	☐	2.000	2.103	9750.06	0.0190	P	2.3
4	☐	100.000	107.039	482898.77	0.8958	P	0.8
5	☐	250.000	275.255	1175113.14	2.3014	P	0.8
6	☐	500.000	518.108	2290586.37	4.3306	P	3.1
7	☐	1000.000	1015.830	4321867.61	8.4895	P	0.3
8	☐	2000.000	1984.049	8530841.05	16.5799	A	0.6
9	☐			12226.37	0.0239	P	2.4

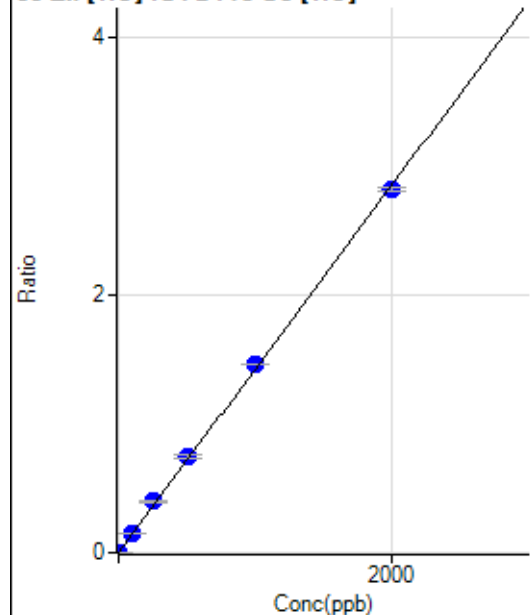
$$y = 0.0084 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.0267$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0003	P	19.7
2	☐	0.200					
3	☐	2.000	2.239	1784.58	0.0035	P	2.8
4	☐	100.000	109.121	83942.90	0.1557	P	1.1
5	☐	250.000	277.810	202204.26	0.3960	P	0.6
6	☐	500.000	524.658	395424.48	0.7476	P	3.2
7	☐	1000.000	1026.388	744415.26	1.4623	P	0.2
8	☐	2000.000	1976.709	1448999.68	2.8160	P	1.2
9	☐			8044.57	0.0157	P	1.8

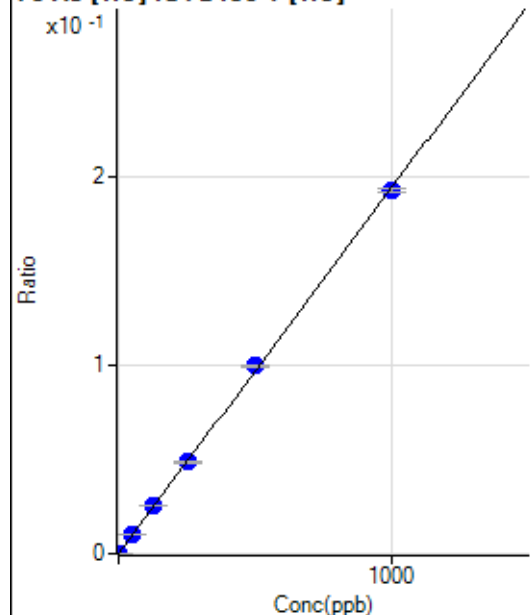
$$y = 0.0014 * x + 2.7907E-004$$

$$R = 0.9997$$

$$DL = 0.116$$

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	14.82	0.0000	P	58.0
2	☐	0.100					
3	☐	1.000	0.978	451.86	0.0002	P	9.1
4	☐	50.000	50.883	23988.99	0.0099	P	1.2
5	☐	125.000	131.995	58649.85	0.0256	P	0.5
6	☐	250.000	250.236	115835.48	0.0486	P	1.8
7	☐	500.000	514.139	227447.08	0.0999	P	1.1
8	☐	1000.000	991.953	444514.53	0.1927	P	1.0
9	☐			569.77	0.0003	P	2.1

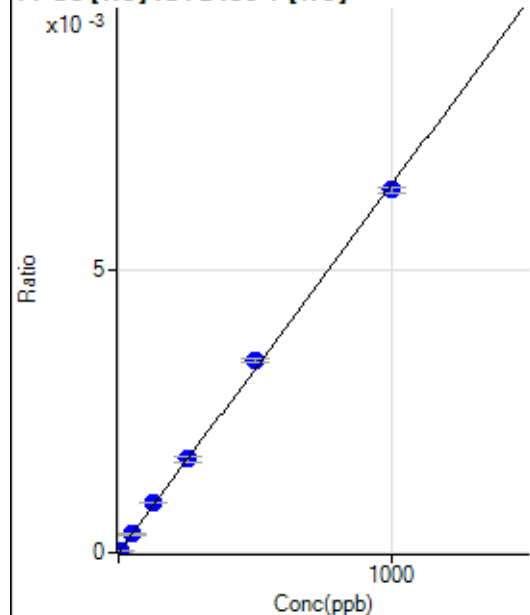
$$y = 1.9426\text{E-}004 * x + 6.7255\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.06025$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.956	91.11	0.0000	P	5.0
4	☐	50.000	50.185	792.26	0.0003	P	6.0
5	☐	125.000	134.278	1995.73	0.0009	P	0.5
6	☐	250.000	253.444	3921.71	0.0016	P	4.2
7	☐	500.000	523.621	7742.19	0.0034	P	2.2
8	☐	1000.000	986.155	14768.83	0.0064	P	1.9
9	☐			4.44	0.0000	P	43.2

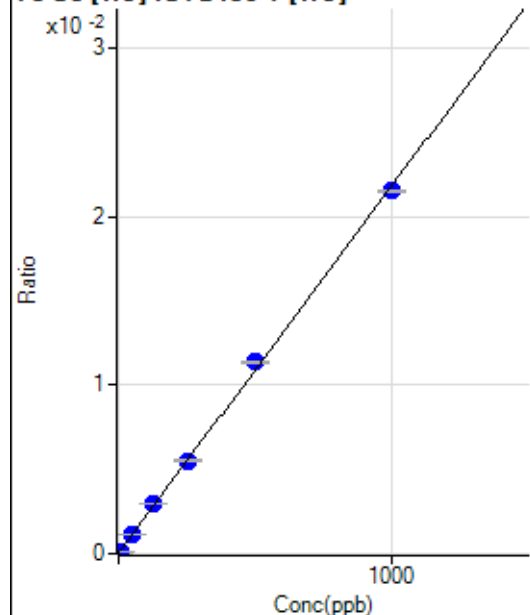
$$y = 6.4921\text{E-}006 * x + 9.9756\text{E-}007$$

$$R = 0.9995$$

$$DL = 0.3992$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.75	0.0000	P	15.8
2	☐	0.500					
3	☐	5.000	6.080	376.55	0.0002	P	3.1
4	☐	50.000	52.335	2839.81	0.0012	P	2.6
5	☐	125.000	134.426	6763.97	0.0030	P	2.6
6	☐	250.000	252.773	13185.07	0.0055	P	2.9
7	☐	500.000	520.576	25876.23	0.0114	P	1.3
8	☐	1000.000	987.718	49679.24	0.0215	P	0.6
9	☐			93.21	0.0000	P	7.6

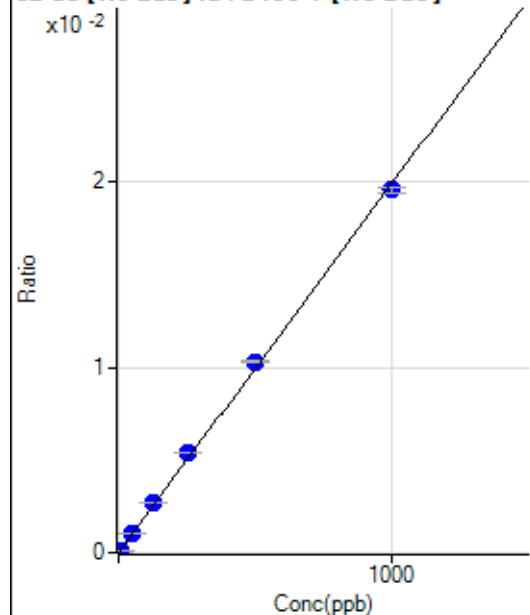
$$y = 2.1770\text{E-}005 * x + 3.1586\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.6891$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-17.45	0.0000	P	-243.
2	☐	0.500					
3	☐	5.000	5.555	1618.88	0.0001	P	5.7
4	☐	50.000	53.632	15774.66	0.0011	P	1.2
5	☐	125.000	136.308	39837.38	0.0027	P	0.7
6	☐	250.000	270.102	77438.55	0.0054	P	0.9
7	☐	500.000	518.514	147543.19	0.0103	P	1.4
8	☐	1000.000	984.120	280539.94	0.0196	P	1.6
9	☐			83.99	0.0000	P	65.2

$$y = 1.9881\text{E-}005 * x - 1.2019\text{E-}006$$

$$R = 0.9995$$

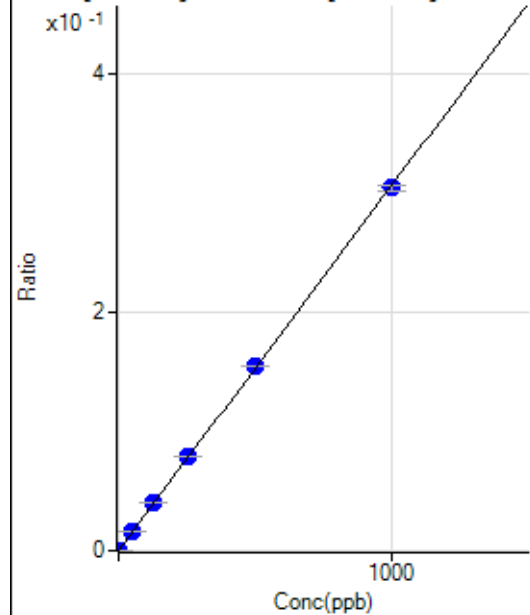
$$DL = 0.4409$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			513.35		P	4.1
2	☐						
3	☐			527.80		P	8.0
4	☐			518.91		P	8.3
5	☐			517.80		P	12.2
6	☐			500.02		P	5.8
7	☐			497.80		P	7.4
8	☐			538.91		P	9.9
9	☐			574.47		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	780.61	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	0.840	4600.92	0.0003	P	2.4
4	☐	50.000	51.204	232741.20	0.0157	P	0.9
5	☐	125.000	130.095	585965.21	0.0398	P	1.3
6	☐	250.000	258.900	1142897.51	0.0792	P	0.7
7	☐	500.000	506.093	2216421.14	0.1548	P	0.7
8	☐	1000.000	994.031	4360219.41	0.3041	P	1.6
9	☐			15631.24	0.0012	P	1.0

$$y = 3.0584E-004 * x + 5.3692E-005$$

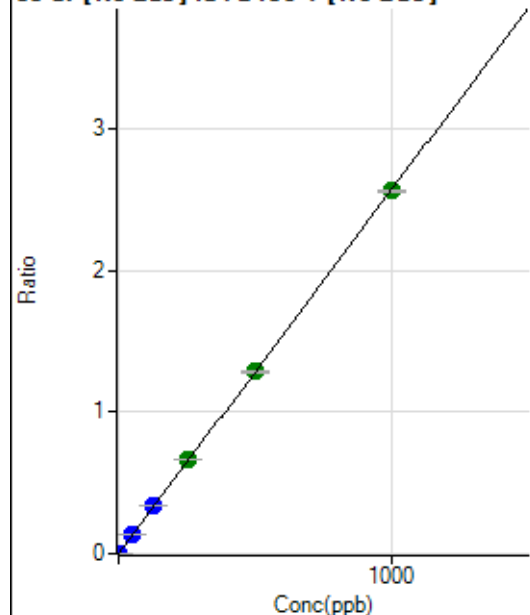
$$R = 0.9999$$

$$DL = 0.0502$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	18.1
2	☐	0.100					
3	☐	1.000	0.846	32351.48	0.0022	P	1.6
4	☐	50.000	52.211	1984947.87	0.1340	P	1.0
5	☐	125.000	130.935	4942556.19	0.3361	P	1.1
6	☐	250.000	257.095	9517702.12	0.6598	A	0.5
7	☐	500.000	500.324	18381400.93	1.2841	A	0.4
8	☐	1000.000	997.212	36702623.39	2.5594	A	0.7
9	☐			129862.81	0.0097	P	1.1

$$y = 0.0026 * x + 1.2615E-005$$

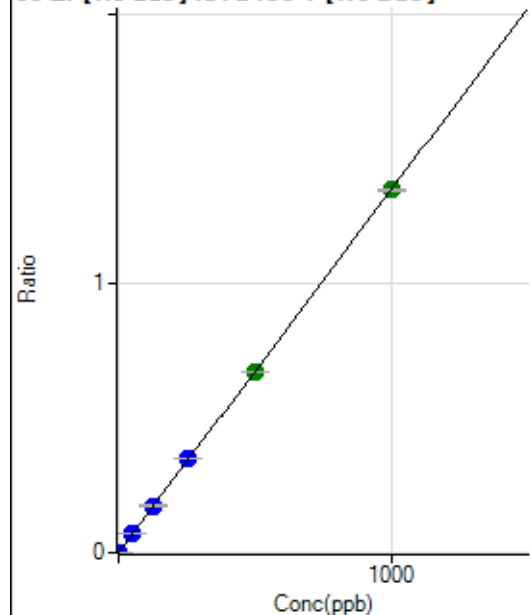
$$R = 1.0000$$

$$DL = 0.002669$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	925.07	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.901	18971.61	0.0013	P	1.9
4	☐	50.000	50.681	1014220.18	0.0685	P	1.0
5	☐	125.000	129.133	2564604.79	0.1744	P	1.1
6	☐	250.000	258.190	5028046.42	0.3486	P	0.8
7	☐	500.000	497.385	9611947.78	0.6715	A	0.6
8	☐	1000.000	998.709	19334352.69	1.3482	A	0.3
9	☐			5907.01	0.0004	P	4.2

$$y = 0.0013 * x + 6.3664E-005$$

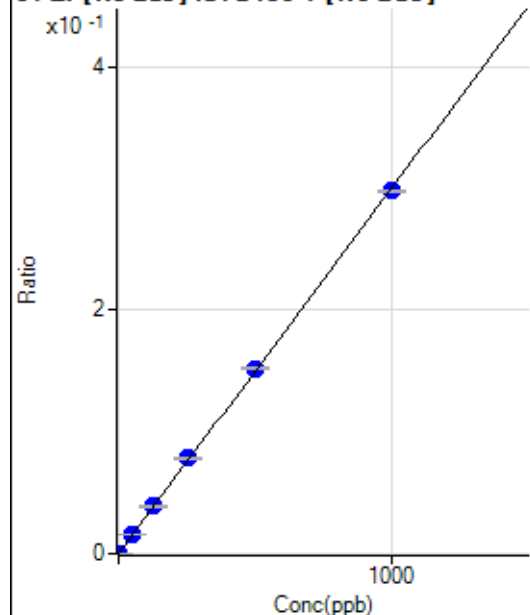
$$R = 1.0000$$

$$DL = 0.006424$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	23.7
2	☐	0.100					
3	☐	1.000	0.933	4300.81	0.0003	P	6.6
4	☐	50.000	51.386	228223.87	0.0154	P	0.3
5	☐	125.000	129.270	569820.18	0.0387	P	1.0
6	☐	250.000	260.671	1126776.72	0.0781	P	0.9
7	☐	500.000	506.336	2171926.72	0.1517	P	0.7
8	☐	1000.000	993.561	4269483.43	0.2977	P	0.6
9	☐			1233.44	0.0001	P	7.5

$$y = 2.9964\text{E-}004 * x + 1.0695\text{E-}005$$

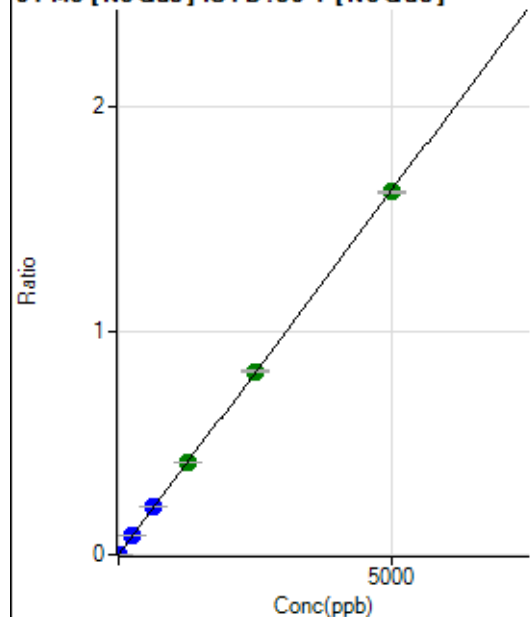
$$R = 0.9999$$

$$DL = 0.02535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	397.24	0.0000	P	1.6
2	☐	0.500					
3	☐	5.000	4.718	23175.16	0.0016	P	0.4
4	☐	250.000	257.309	1241402.02	0.0838	P	0.6
5	☐	625.000	651.385	3119761.77	0.2121	P	0.7
6	☐	1250.000	1273.496	5981689.93	0.4147	A	0.8
7	☐	2500.000	2517.557	11734953.99	0.8198	A	0.7
8	☐	5000.000	4981.684	23263780.73	1.6221	A	0.4
9	☐			11766.43	0.0009	P	9.0

$$y = 3.2561\text{E-}004 * x + 2.7335\text{E-}005$$

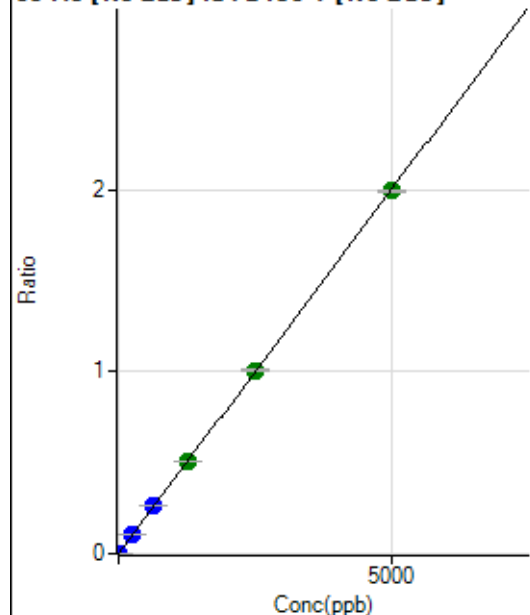
$$R = 1.0000$$

$$DL = 0.003972$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	30.8
2	☐	0.500					
3	☐	5.000	4.850	28916.47	0.0020	P	2.3
4	☐	250.000	257.236	1523321.84	0.1028	P	0.8
5	☐	625.000	658.652	3872809.55	0.2633	P	0.8
6	☐	1250.000	1271.661	7332949.04	0.5084	A	0.1
7	☐	2500.000	2517.820	14408465.08	1.0066	A	0.6
8	☐	5000.000	4981.106	28557447.52	1.9913	A	0.4
9	☐			16713.11	0.0012	P	5.1

$$y = 3.9977\text{E-}004 * x + 1.2031\text{E-}005$$

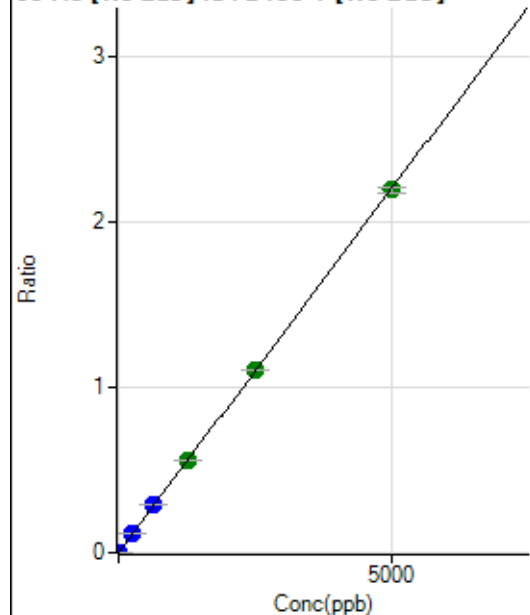
$$R = 1.0000$$

$$DL = 0.02783$$

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	350.02	0.0000	P	4.7
2	☐	0.500					
3	☐	5.000	4.859	32100.94	0.0022	P	3.0
4	☐	250.000	257.315	1680242.48	0.1134	P	1.1
5	☐	625.000	653.834	4239033.34	0.2882	P	1.6
6	☐	1250.000	1271.257	8082919.54	0.5604	A	1.0
7	☐	2500.000	2512.179	15851353.83	1.1074	A	0.5
8	☐	5000.000	4984.626	31506967.02	2.1972	A	1.4
9	☐			26394.78	0.0020	P	2.4

$$y = 4.4078\text{E-}004 * x + 2.4089\text{E-}005$$

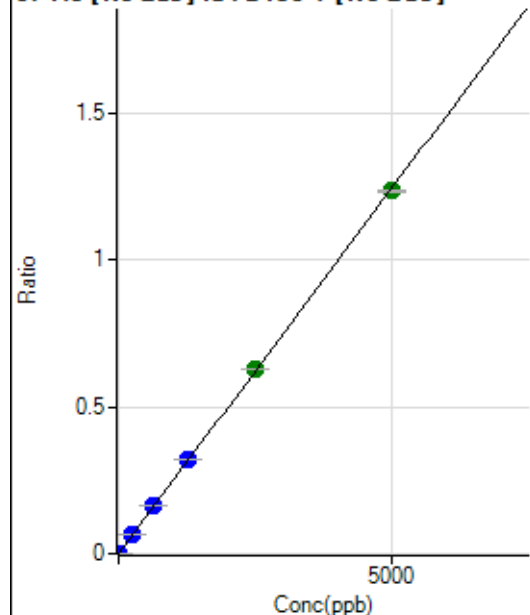
$$R = 1.0000$$

$$DL = 0.007768$$

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	150.01	0.0000	P	25.3
2	☐	0.500					
3	☐	5.000	4.761	17717.13	0.0012	P	1.5
4	☐	250.000	258.085	951627.78	0.0642	P	0.7
5	☐	625.000	655.748	2400554.00	0.1632	P	1.5
6	☐	1250.000	1293.176	4642747.85	0.3219	P	1.0
7	☐	2500.000	2530.998	9017840.57	0.6300	A	0.4
8	☐	5000.000	4969.460	17737616.72	1.2369	A	0.7
9	☐			10123.47	0.0008	P	5.6

$$y = 2.4890E-004 * x + 1.0320E-005$$

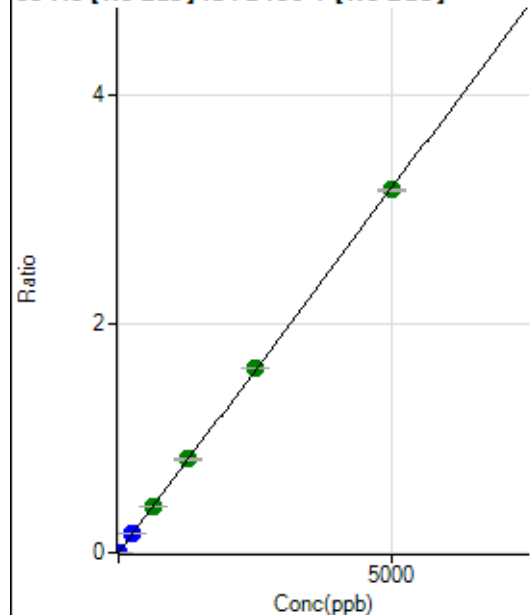
$$R = 0.9999$$

$$DL = 0.03148$$

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	355.57	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.826	45872.36	0.0031	P	3.7
4	☐	250.000	257.984	2431582.54	0.1642	P	0.7
5	☐	625.000	637.863	5969170.45	0.4059	A	1.1
6	☐	1250.000	1279.365	11741701.65	0.8140	A	0.8
7	☐	2500.000	2530.481	23047332.11	1.6100	A	0.3
8	☐	5000.000	4975.411	45398789.56	3.1656	A	0.6
9	☐			25329.00	0.0019	P	6.6

$$y = 6.3625E-004 * x + 2.4479E-005$$

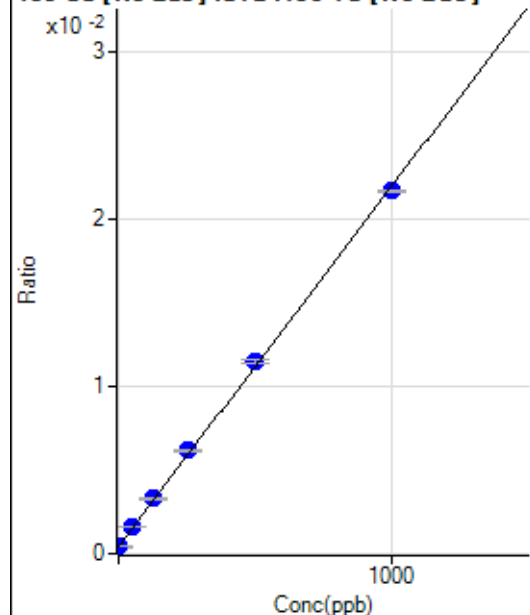
$$R = 1.0000$$

$$DL = 0.01608$$

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	6877.01	0.0004	P	5.7
2	☐	0.100					
3	☐	1.000	1.706	7660.72	0.0004	P	4.7
4	☐	50.000	53.855	27494.26	0.0016	P	1.6
5	☐	125.000	134.543	57900.17	0.0033	P	2.1
6	☐	250.000	266.855	107025.80	0.0062	P	0.7
7	☐	500.000	514.180	198087.86	0.0115	P	1.2
8	☐	1000.000	987.310	374436.60	0.0217	P	0.6
9	☐			6187.72	0.0004	P	2.9

$$y = 2.1574\text{E-}005 * x + 4.0460\text{E-}004$$

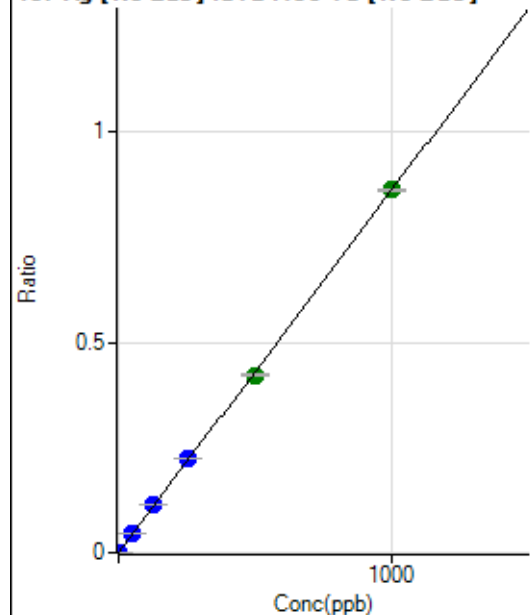
$$R = 0.9997$$

$$DL = 3.181$$

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	155.57	0.0000	P	12.0
2	☐	0.100					
3	☐	1.000	1.028	15525.81	0.0009	P	3.4
4	☐	50.000	53.685	811835.38	0.0463	P	0.7
5	☐	125.000	134.415	2027069.21	0.1158	P	1.3
6	☐	250.000	260.340	3895162.63	0.2243	P	0.2
7	☐	500.000	489.402	7262649.04	0.4216	A	1.3
8	☐	1000.000	1001.353	14879637.31	0.8625	A	0.5
9	☐			1169.54	0.0001	P	12.4

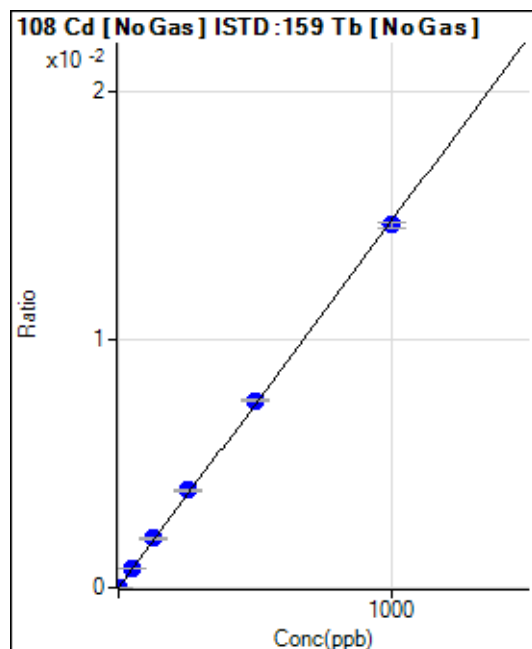
$$y = 8.6134\text{E-}004 * x + 9.1608\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003824$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	65.9
2	☐	0.100					
3	☐	1.000	1.039	283.34	0.0000	P	10.3
4	☐	50.000	53.696	13934.86	0.0008	P	1.6
5	☐	125.000	134.183	34706.72	0.0020	P	1.4
6	☐	250.000	265.241	68051.69	0.0039	P	0.7
7	☐	500.000	510.997	130020.50	0.0075	P	1.6
8	☐	1000.000	989.359	252046.54	0.0146	P	1.6
9	☐			88.90	0.0000	P	36.2

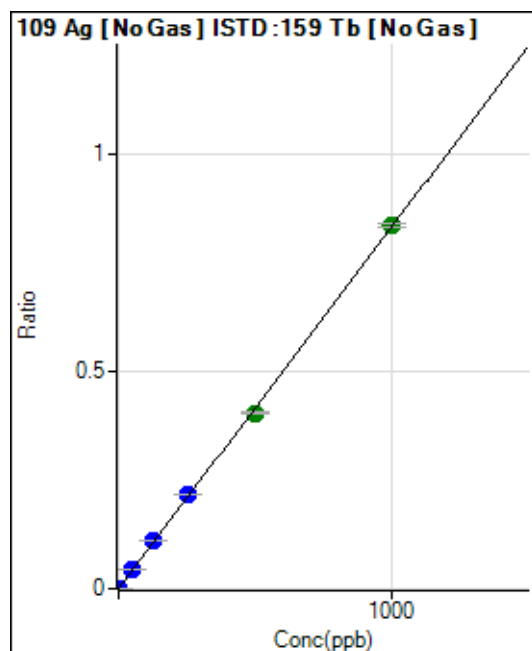
$$y = 1.4767\text{E-}005 * x + 9.8037\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.1312$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	36.2
2	☐	0.100					
3	☐	1.000	1.035	15066.99	0.0009	P	0.9
4	☐	50.000	53.463	782274.29	0.0446	P	0.5
5	☐	125.000	133.362	1946079.28	0.1112	P	1.3
6	☐	250.000	259.982	3763963.28	0.2167	P	0.8
7	☐	500.000	485.450	6970881.06	0.4046	A	1.3
8	☐	1000.000	1003.561	14429808.31	0.8365	A	1.1
9	☐			994.53	0.0001	P	22.4

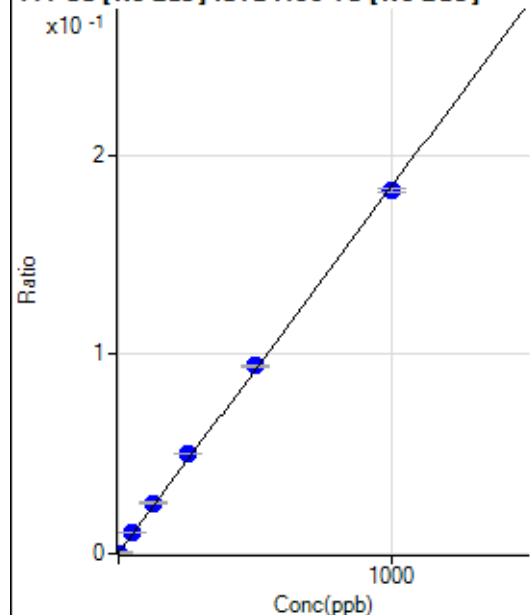
$$y = 8.3348\text{E-}004 * x + 5.5532\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.007237$$

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	4835.58	0.0003	P	5.9
2	☐	0.100					
3	☐	1.000	1.040	8254.85	0.0005	P	2.9
4	☐	50.000	54.559	180975.05	0.0103	P	0.5
5	☐	125.000	137.226	446440.82	0.0255	P	1.9
6	☐	250.000	269.573	865363.18	0.0498	P	0.7
7	☐	500.000	510.132	1619922.84	0.0940	P	0.7
8	☐	1000.000	988.284	3137755.34	0.1819	P	1.0
9	☐			4630.30	0.0003	P	3.7

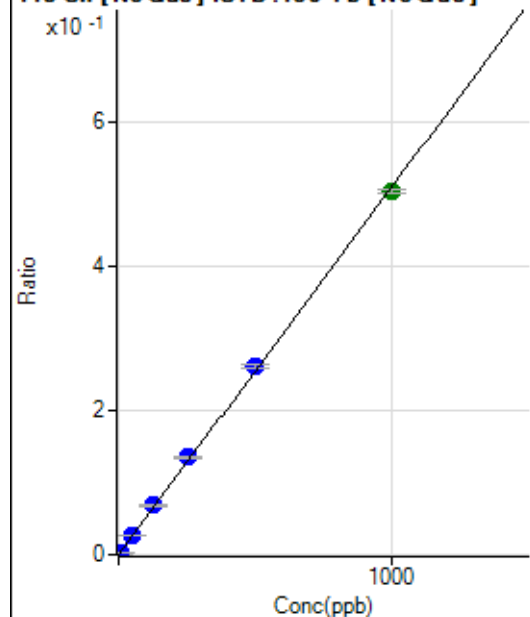
$$y = 1.8376E-004 * x + 2.8449E-004$$

$$R = 0.9997$$

$$DL = 0.2732$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	644.49	0.0000	P	12.2
2	☐	0.500					
3	☐	5.000	5.133	46068.36	0.0027	P	1.2
4	☐	50.000	52.343	468994.11	0.0267	P	1.8
5	☐	125.000	133.639	1193320.92	0.0682	P	1.0
6	☐	250.000	264.629	2343872.53	0.1349	P	0.9
7	☐	500.000	514.236	4516812.08	0.2622	P	2.0
8	☐	1000.000	988.027	8689612.78	0.5037	A	1.2
9	☐			5948.76	0.0004	P	8.5

$$y = 5.0977E-004 * x + 3.7902E-005$$

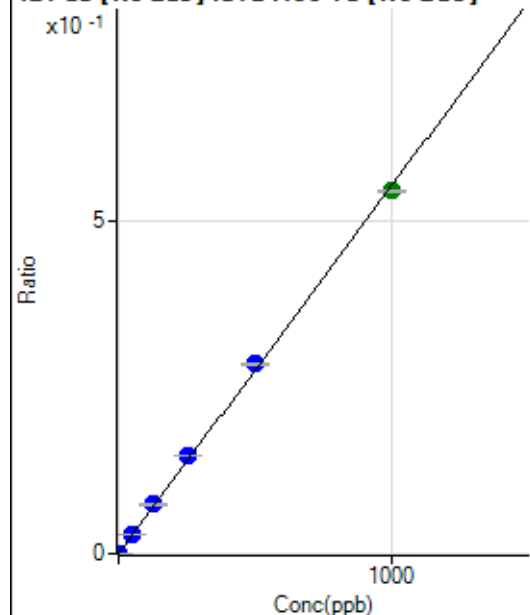
$$R = 0.9997$$

$$DL = 0.0271$$

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	80.56	0.0000	P	35.7
2	☐	0.200					
3	☐	2.000	1.945	18682.47	0.0011	P	2.8
4	☐	50.000	53.671	519202.84	0.0296	P	1.4
5	☐	125.000	134.667	1299190.96	0.0742	P	1.9
6	☐	250.000	265.638	2542619.72	0.1464	P	1.1
7	☐	500.000	515.974	4898336.35	0.2843	P	1.4
8	☐	1000.000	986.712	9379859.84	0.5437	A	0.6
9	☐			11338.40	0.0007	P	0.6

$$y = 5.5103\text{E-}004 * x + 4.7315\text{E-}006$$

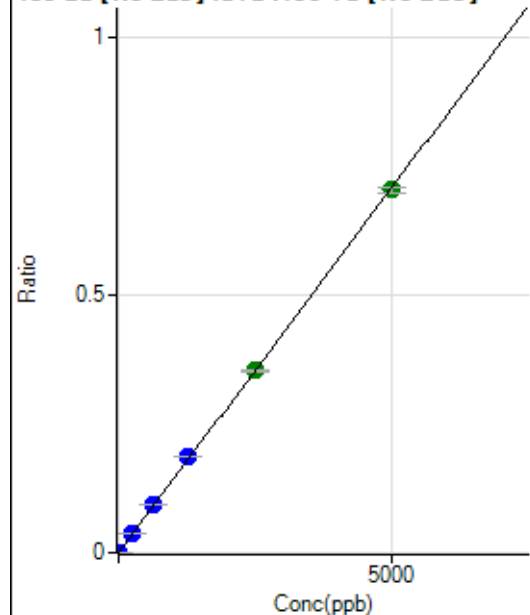
$$R = 0.9997$$

$$DL = 0.009184$$

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	91.67	0.0000	P	8.9
2	☐	1.000					
3	☐	10.000	10.205	25162.52	0.0014	P	1.4
4	☐	250.000	264.264	656714.54	0.0374	P	0.8
5	☐	625.000	668.977	1657891.83	0.0947	P	0.9
6	☐	1250.000	1320.810	3247593.56	0.1870	P	0.6
7	☐	2500.000	2502.057	6101857.47	0.3542	A	1.1
8	☐	5000.000	4975.058	12149046.89	0.7042	A	1.7
9	☐			2011.35	0.0001	P	10.6

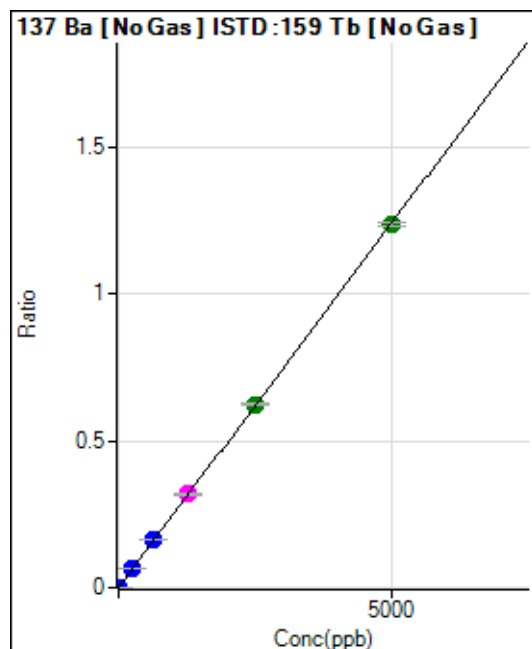
$$y = 1.4155\text{E-}004 * x + 5.3945\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01019$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	15.3
2	☐	1.000					
3	☐	10.000	10.102	43622.79	0.0025	P	2.0
4	☐	250.000	262.640	1143771.43	0.0652	P	1.5
5	☐	625.000	665.923	2892249.44	0.1652	P	1.1
6	☐	1250.000	1283.459	5530330.76	0.3184	M	1.0
7	☐	2500.000	2513.451	10742566.91	0.6235	A	0.9
8	☐	5000.000	4979.162	21309140.58	1.2352	A	1.2
9	☐			3531.16	0.0002	P	12.8

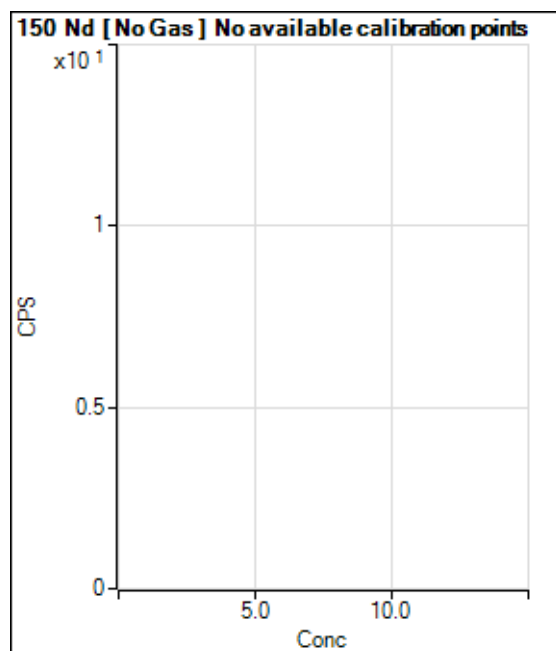
$$y = 2.4808\text{E-}004 * x + 7.6881\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01419$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			4.44		P	173.2
4	☐			91.11		P	11.2
5	☐			202.23		P	6.9
6	☐			391.13		P	7.7
7	☐			664.48		P	3.2
8	☐			1271.22		P	6.2
9	☐			220.01		P	13.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			8.89		P	21.6
5	☐			22.22		P	22.9
6	☐			45.56		P	22.4
7	☐			66.67		P	5.0
8	☐			136.67		P	32.8
9	☐			80.00		P	30.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			16.67		P	100.0
4	☐			33.34		P	86.6
5	☐			63.89		P	37.7
6	☐			75.00		P	55.6
7	☐			169.45		P	17.3
8	☐			286.13		P	9.4
9	☐			147.23		P	27.9

156 Dy [He] No available calibration points

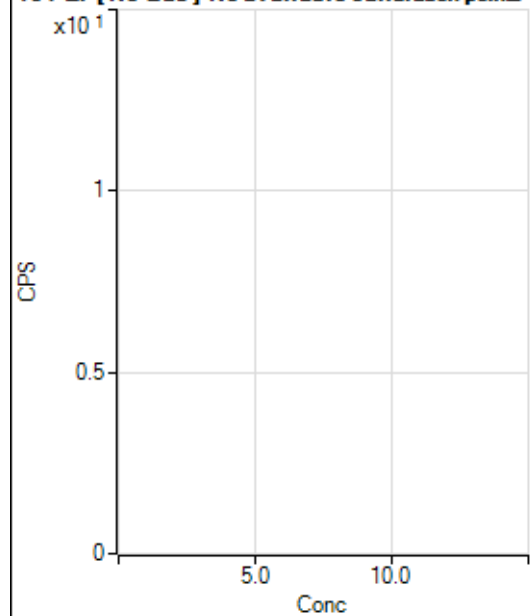
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			13.33		P	50.0
4	☐			17.78		P	39.0
5	☐			41.11		P	26.1
6	☐			72.22		P	38.4
7	☐			131.11		P	19.2
8	☐			260.01		P	1.3
9	☐			68.89		P	20.1

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	22.2
2	☐						
3	☐			86.12		P	5.6
4	☐			86.12		P	14.8
5	☐			108.34		P	26.7
6	☐			105.56		P	31.9
7	☐			108.34		P	30.8
8	☐			91.67		P	41.7
9	☐			138.89		P	3.5

160 Gd [He] No available calibration points

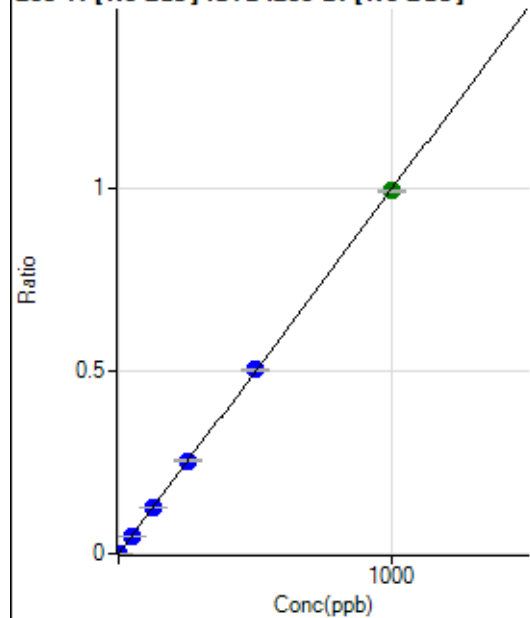
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			256.67		P	9.4
2	☐						
3	☐			258.90		P	2.0
4	☐			311.12		P	0.6
5	☐			256.67		P	18.7
6	☐			281.12		P	6.5
7	☐			294.45		P	7.5
8	☐			238.90		P	15.1
9	☐			294.45		P	2.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	15.1
2	☐						
3	☐			41.67		P	40.0
4	☐			38.89		P	65.5
5	☐			63.89		P	27.2
6	☐			52.78		P	18.2
7	☐			52.78		P	24.1
8	☐			61.11		P	15.7
9	☐			97.23		P	40.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	27.7
2	☐						
3	☐			16.67		P	20.0
4	☐			36.67		P	24.1
5	☐			32.22		P	23.9
6	☐			23.33		P	14.3
7	☐			24.44		P	41.7
8	☐			42.22		P	4.6
9	☐			41.11		P	37.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	427.80	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.872	10293.36	0.0009	P	1.6
4	☐	50.000	49.040	557300.16	0.0489	P	0.6
5	☐	125.000	127.615	1426480.45	0.1271	P	0.8
6	☐	250.000	255.877	2807011.74	0.2548	P	1.0
7	☐	500.000	504.450	5366246.30	0.5023	P	0.4
8	☐	1000.000	996.027	10229849.28	0.9918	A	0.7
9	☐			1500.16	0.0002	P	8.2

$$y = 9.9575E-004 * x + 3.8533E-005$$

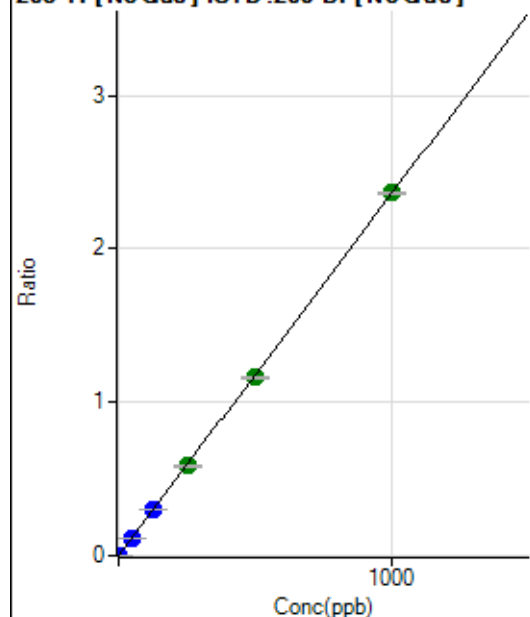
$$R = 1.0000$$

$$DL = 0.01899$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1036.19	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.896	25035.60	0.0022	P	0.5
4	☐	50.000	49.730	1337458.12	0.1173	P	0.5
5	☐	125.000	128.562	3400990.88	0.3031	P	1.4
6	☐	250.000	248.009	6438771.50	0.5845	A	1.2
7	☐	500.000	494.019	12437119.90	1.1643	A	1.2
8	☐	1000.000	1003.057	24382237.70	2.3639	A	0.3
9	☐			3850.74	0.0005	P	13.1

$$y = 0.0024 * x + 9.3372E-005$$

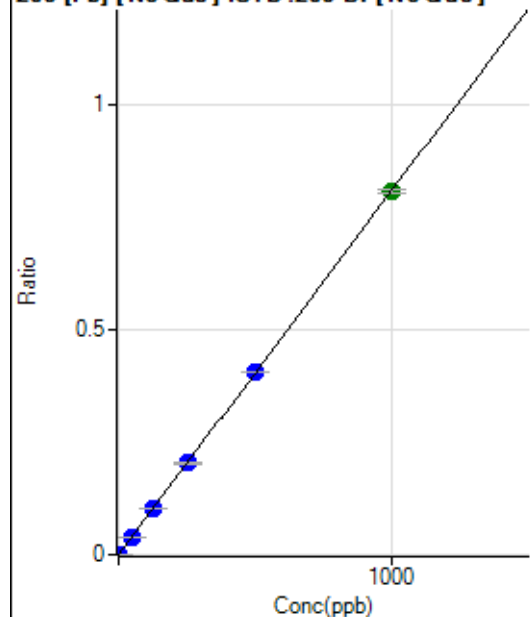
$$R = 1.0000$$

$$DL = 0.007086$$

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	931.54	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	0.908	9266.44	0.0008	P	4.5
4	☐	50.000	49.374	455338.27	0.0399	P	1.1
5	☐	125.000	127.529	1155869.54	0.1030	P	1.2
6	☐	250.000	253.277	2252215.60	0.2045	P	2.1
7	☐	500.000	503.124	4338022.35	0.4061	P	0.6
8	☐	1000.000	997.334	8301931.55	0.8049	A	1.2
9	☐			8486.27	0.0010	P	4.2

$$y = 8.0698E-004 * x + 8.3969E-005$$

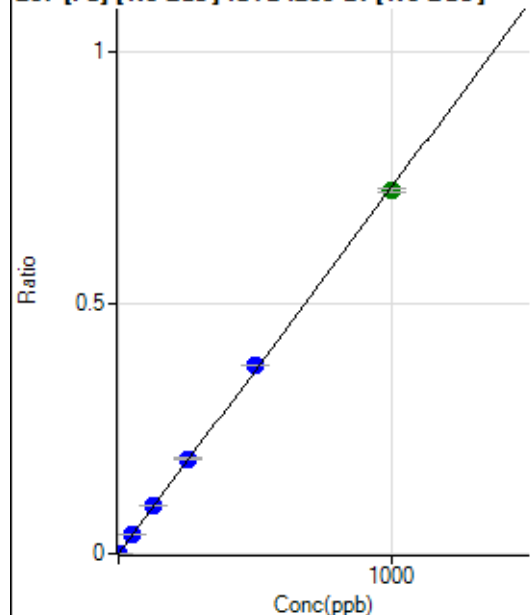
$$R = 1.0000$$

$$DL = 0.006585$$

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	861.16	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.877	8158.28	0.0007	P	1.4
4	☐	50.000	50.016	417607.52	0.0366	P	0.6
5	☐	125.000	129.275	1060874.55	0.0945	P	0.6
6	☐	250.000	258.138	2078288.98	0.1887	P	1.6
7	☐	500.000	514.222	4014181.69	0.3758	P	0.8
8	☐	1000.000	990.319	7463354.74	0.7236	A	1.0
9	☐			7029.83	0.0008	P	0.6

$$y = 7.3062\text{E-}004 * x + 7.7628\text{E-}005$$

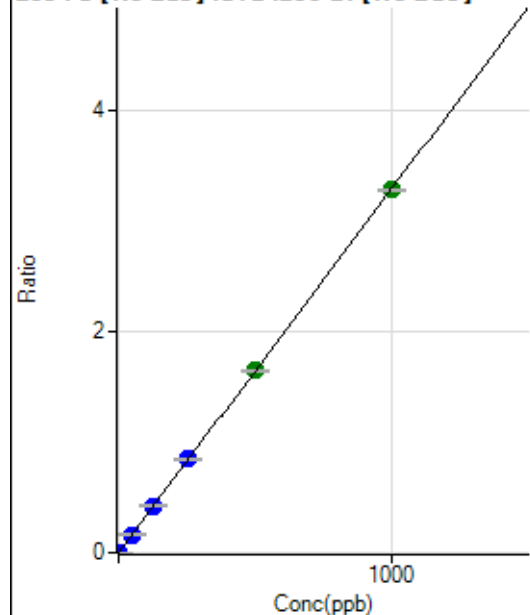
$$R = 0.9998$$

$$DL = 0.01745$$

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	3918.87	0.0004	P	2.7
2	☐	0.100					
3	☐	1.000	0.905	37827.91	0.0033	P	2.0
4	☐	50.000	50.048	1882906.17	0.1651	P	0.4
5	☐	125.000	128.888	4765744.18	0.4247	P	1.5
6	☐	250.000	256.674	9311691.55	0.8454	P	1.5
7	☐	500.000	500.270	17597135.61	1.6473	A	0.6
8	☐	1000.000	997.708	33880813.32	3.2850	A	0.9
9	☐			33213.57	0.0040	P	1.3

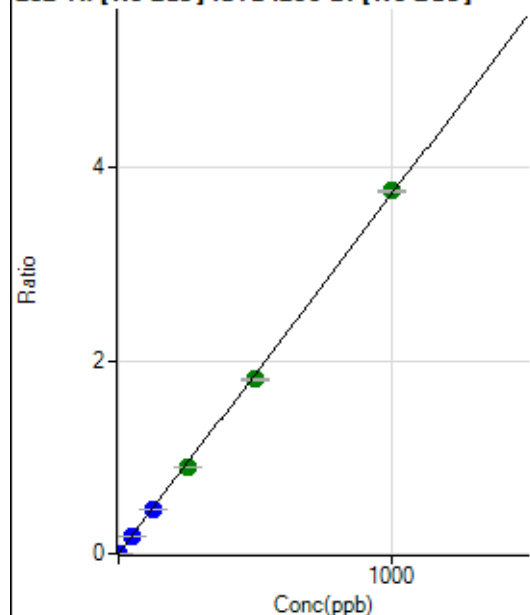
$$y = 0.0033 * x + 3.5321\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.008831$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	348.16	0.0000	P	8.2
2	☐	0.100					
3	☐	1.000	0.828	35344.61	0.0031	P	1.7
4	☐	50.000	47.274	2007596.34	0.1761	P	0.8
5	☐	125.000	121.735	5086918.40	0.4533	P	1.8
6	☐	250.000	241.530	9906909.13	0.8994	A	0.6
7	☐	500.000	485.081	19294954.60	1.8063	A	0.4
8	☐	1000.000	1010.121	38794617.53	3.7613	A	0.5
9	☐			12346.95	0.0015	P	10.6

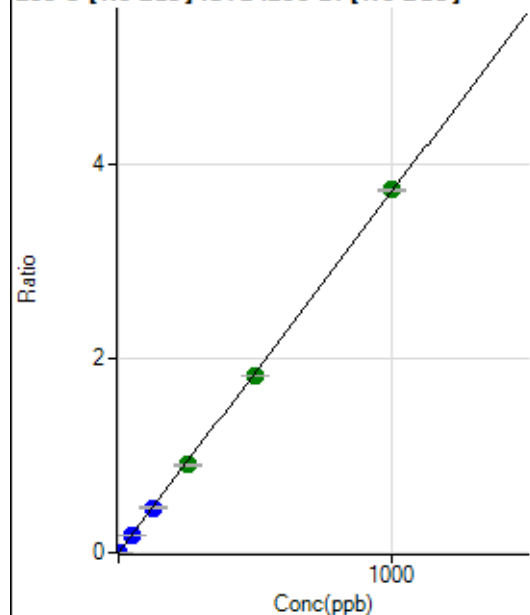
$$y = 0.0037 * x + 3.1392E-005$$

$$R = 0.9998$$

$$DL = 0.002078$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	722.28	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.847	36410.34	0.0032	P	1.1
4	☐	50.000	47.718	2018054.60	0.1770	P	1.1
5	☐	125.000	123.442	5135842.78	0.4577	P	3.0
6	☐	250.000	242.988	9924160.21	0.9009	A	0.5
7	☐	500.000	492.028	19487179.60	1.8242	A	0.3
8	☐	1000.000	1006.048	38472236.97	3.7300	A	0.4
9	☐			2936.60	0.0004	P	22.7

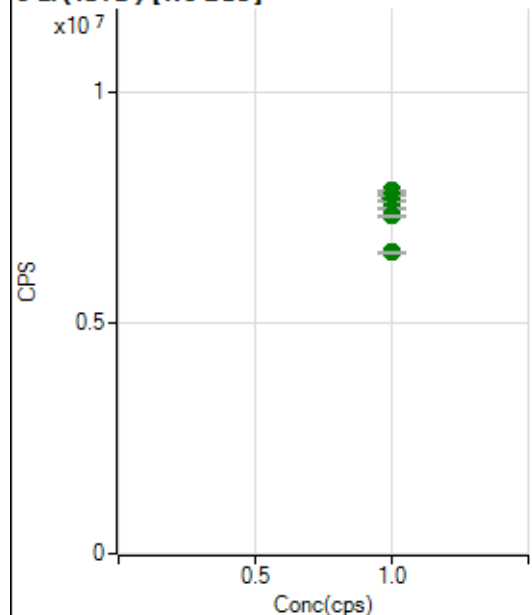
$$y = 0.0037 * x + 6.5093E-005$$

$$R = 0.9999$$

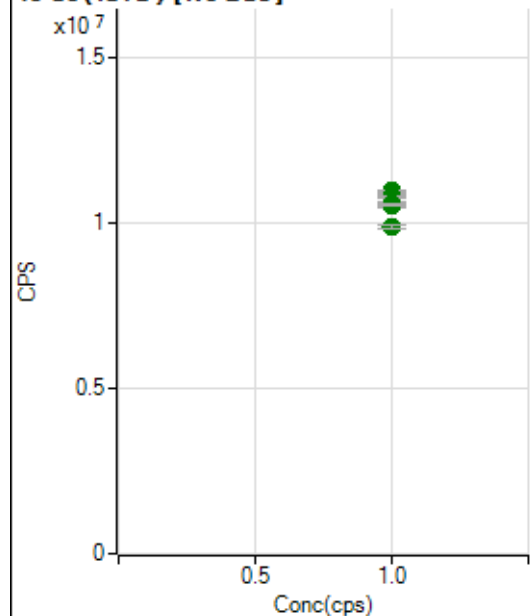
$$DL = 0.003842$$

Weight: <None>

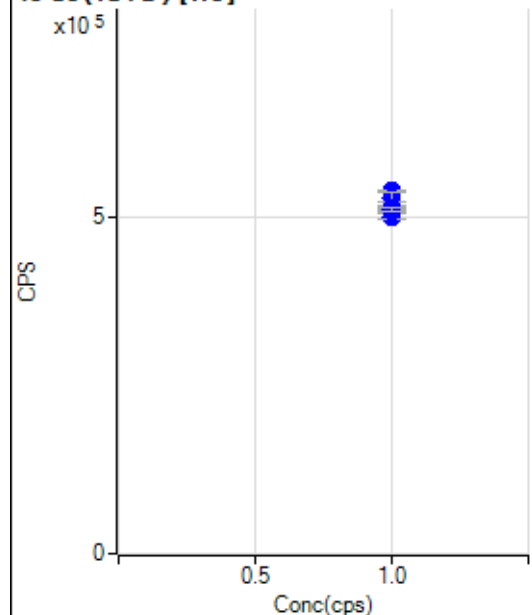
Min Conc: 0

6 Li (ISTD) [No Gas]

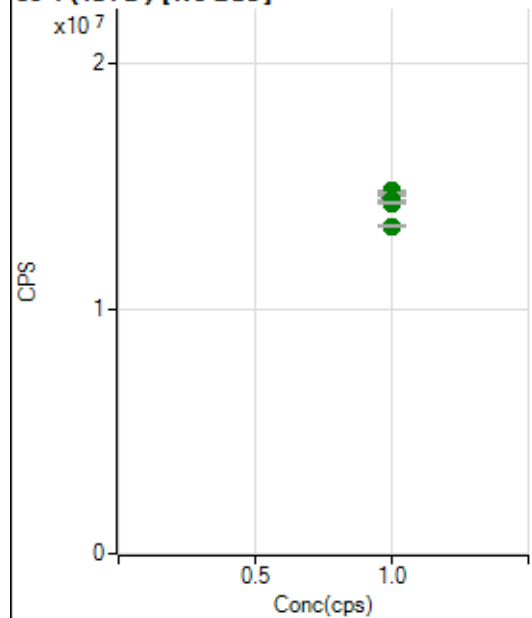
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7699374.74		A	0.6
2	☐	1.000					
3	☐	1.000		7799308.13		A	0.5
4	☐	1.000		7850338.37		A	0.7
5	☐	1.000		7730832.87		A	0.2
6	☐	1.000		7613513.54		A	0.3
7	☐	1.000		7454820.18		A	0.5
8	☐	1.000		7311486.28		A	0.3
9	☐	1.000		6515443.52		A	1.0

45 Sc (ISTD) [No Gas]

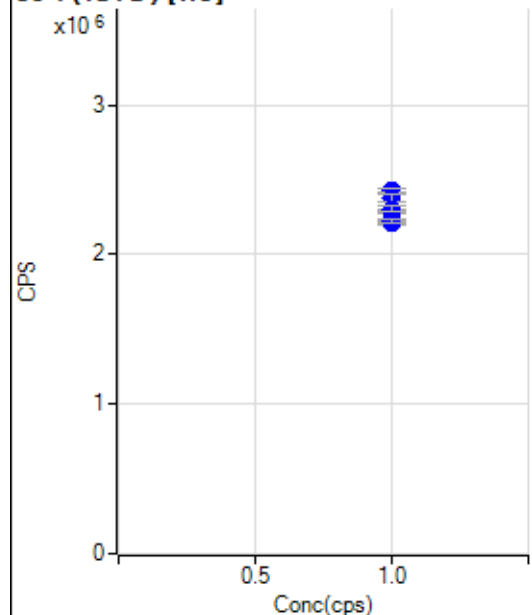
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10637414.99		A	1.5
2	☐	1.000					
3	☐	1.000		10894726.54		A	0.9
4	☐	1.000		10956155.28		A	0.2
5	☐	1.000		10781271.25		A	0.5
6	☐	1.000		10584211.43		A	0.5
7	☐	1.000		10484940.86		A	0.2
8	☐	1.000		10552641.81		A	0.6
9	☐	1.000		9874095.19		A	1.2

45 Sc (ISTD) [He]

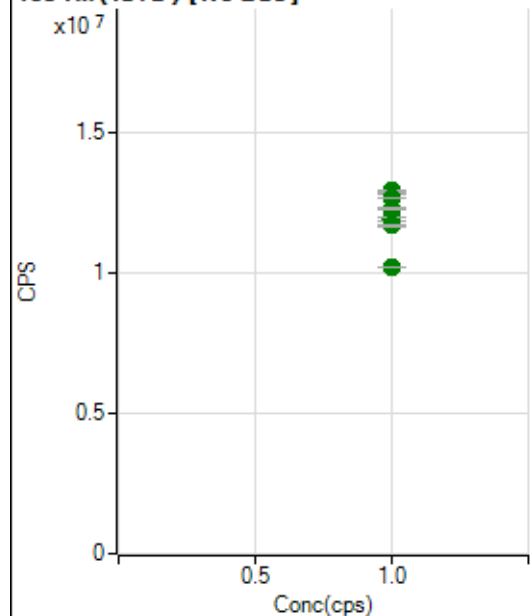
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		500781.29		P	1.5
2	☐	1.000					
3	☐	1.000		514507.45		P	0.4
4	☐	1.000		539089.33		P	0.5
5	☐	1.000		510615.82		P	0.4
6	☐	1.000		529207.15		P	2.7
7	☐	1.000		509076.55		P	0.9
8	☐	1.000		514526.84		P	1.1
9	☐	1.000		511544.76		P	1.3

89 Y (ISTD) [No Gas]

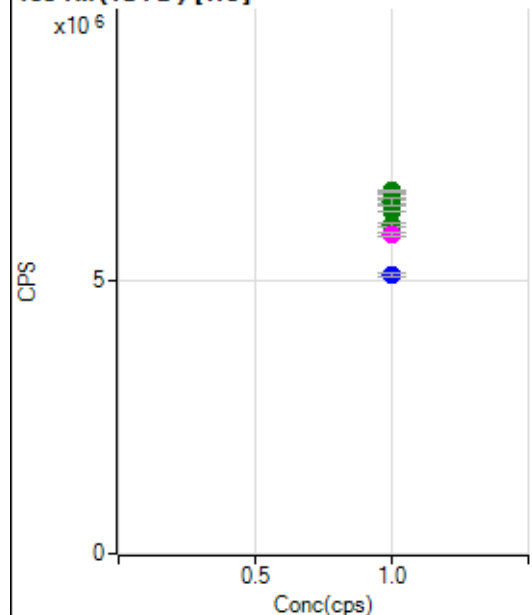
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14533142.15		A	0.6
2	☐	1.000					
3	☐	1.000		14821555.33		A	0.5
4	☐	1.000		14812164.22		A	0.9
5	☐	1.000		14707251.31		A	0.8
6	☐	1.000		14424075.48		A	0.3
7	☐	1.000		14314749.09		A	0.3
8	☐	1.000		14341112.15		A	1.0
9	☐	1.000		13381696.47		A	0.4

89 Y(ISTD) [He]

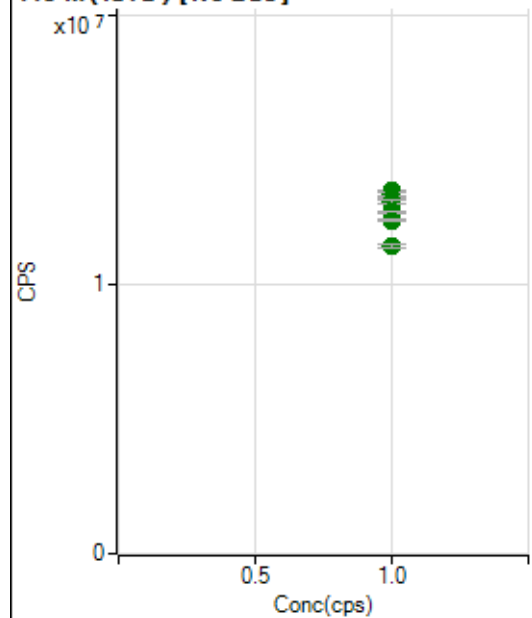
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2210954.36		P	1.1
2	☐	1.000					
3	☐	1.000		2296631.18		P	0.9
4	☐	1.000		2425397.83		P	1.1
5	☐	1.000		2286712.57		P	0.3
6	☐	1.000		2383149.62		P	2.1
7	☐	1.000		2277039.10		P	0.6
8	☐	1.000		2306897.15		P	1.6
9	☐	1.000		2222430.61		P	1.5

103 Rh(ISTD) [No Gas]

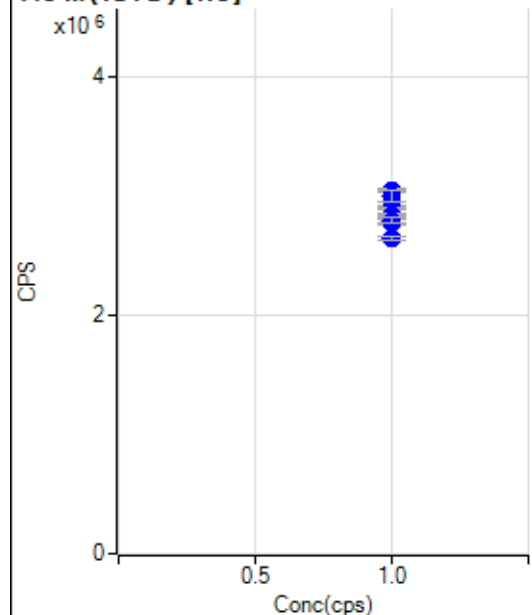
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12845509.57		A	0.6
2	☐	1.000					
3	☐	1.000		12950565.48		A	0.6
4	☐	1.000		12934802.63		A	0.7
5	☐	1.000		12677946.72		A	0.1
6	☐	1.000		12295858.95		A	0.5
7	☐	1.000		11961071.97		A	0.9
8	☐	1.000		11714392.45		A	0.7
9	☐	1.000		10225419.85		A	0.1

103 Rh (ISTD) [He]

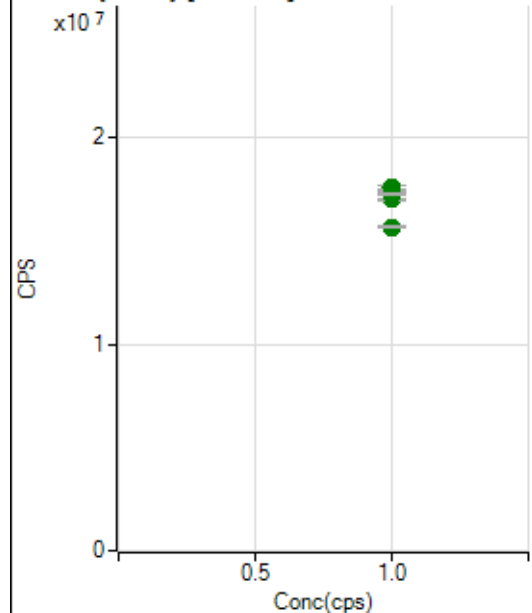
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6511004.97		A	2.5
2	☐	1.000					
3	☐	1.000		6513815.25		A	0.7
4	☐	1.000		6653115.73		A	0.7
5	☐	1.000		6270770.18		A	0.2
6	☐	1.000		6442610.25		A	2.2
7	☐	1.000		6031642.69		A	1.2
8	☐	1.000		5861283.73		M	1.4
9	☐	1.000		5120135.96		P	1.5

115 In (ISTD) [No Gas]

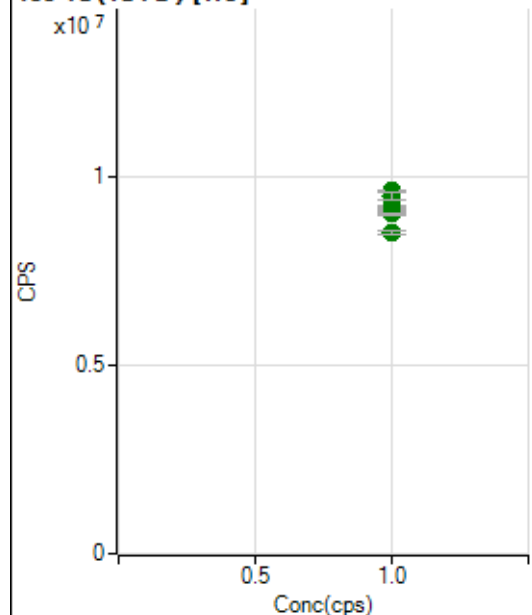
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13232519.00		A	0.6
2	☐	1.000					
3	☐	1.000		13497974.17		A	0.8
4	☐	1.000		13364691.08		A	1.6
5	☐	1.000		13261014.25		A	0.8
6	☐	1.000		13091715.77		A	0.9
7	☐	1.000		12724668.34		A	0.7
8	☐	1.000		12410447.83		A	0.4
9	☐	1.000		11449302.57		A	0.7

115 In (ISTD) [He]

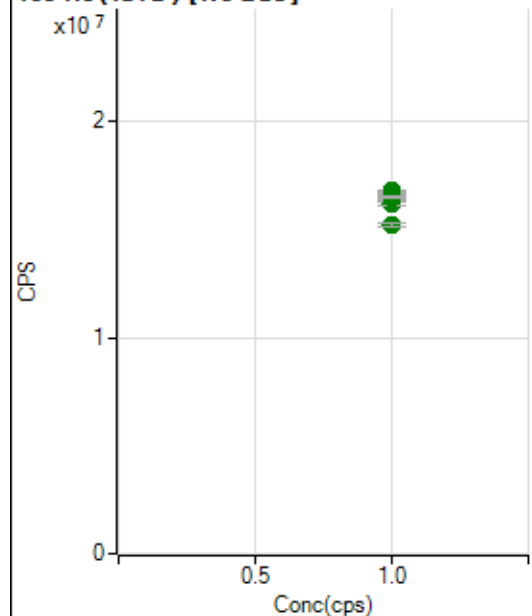
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2777764.56		P	2.0
2	☐	1.000					
3	☐	1.000		2904815.40		P	1.1
4	☐	1.000		3042305.90		P	1.0
5	☐	1.000		2886798.00		P	0.5
6	☐	1.000		2995095.01		P	3.2
7	☐	1.000		2843761.70		P	0.9
8	☐	1.000		2795889.59		P	1.6
9	☐	1.000		2642798.18		P	1.6

159 Tb (ISTD) [No Gas]

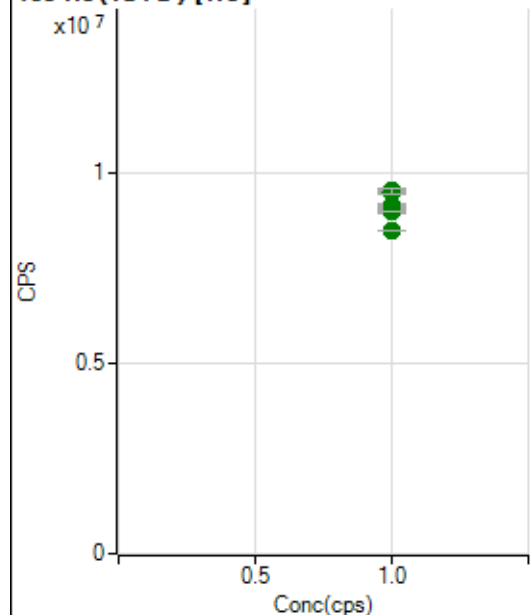
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16992441.55		A	0.9
2	☐	1.000					
3	☐	1.000		17353781.96		A	0.3
4	☐	1.000		17553636.41		A	1.1
5	☐	1.000		17506776.96		A	0.1
6	☐	1.000		17369541.55		A	0.5
7	☐	1.000		17229166.97		A	0.6
8	☐	1.000		17251589.19		A	0.5
9	☐	1.000		15673230.32		A	0.5

159 Tb (ISTD) [He]

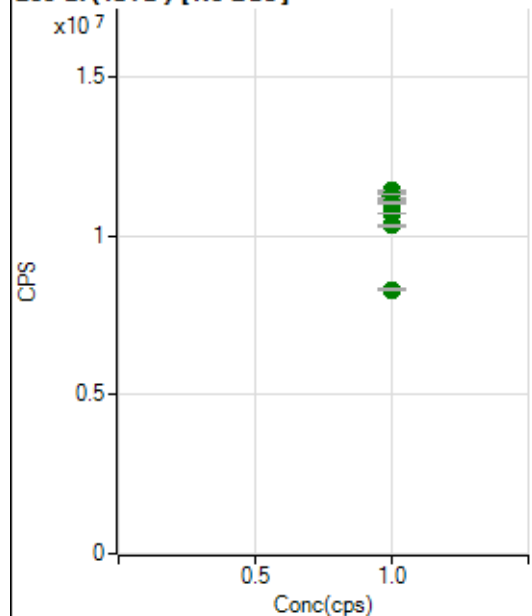
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9100514.24		A	2.1
2	☐	1.000					
3	☐	1.000		9208646.74		A	0.4
4	☐	1.000		9618787.77		A	0.3
5	☐	1.000		9141913.68		A	0.2
6	☐	1.000		9486787.78		A	2.4
7	☐	1.000		9097367.01		A	0.4
8	☐	1.000		9002432.57		A	0.6
9	☐	1.000		8517130.85		A	0.7

165 Ho (ISTD) [No Gas]

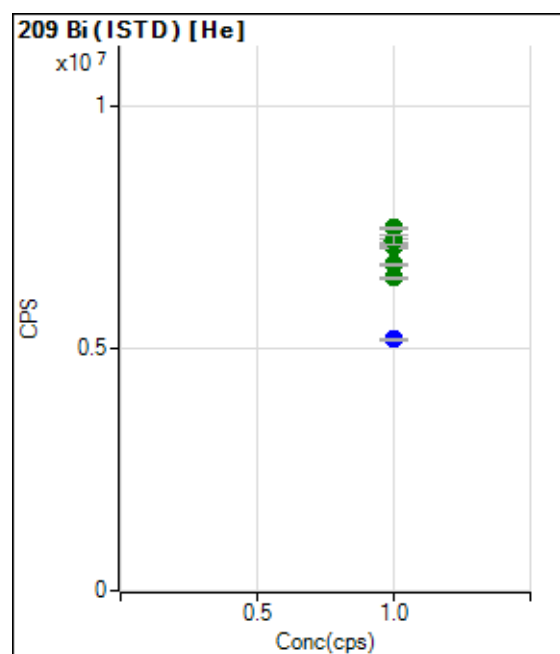
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16182006.09		A	1.1
2	☐	1.000					
3	☐	1.000		16607691.17		A	0.7
4	☐	1.000		16639360.61		A	1.1
5	☐	1.000		16781049.33		A	0.6
6	☐	1.000		16656641.52		A	0.4
7	☐	1.000		16533543.25		A	1.7
8	☐	1.000		16464327.45		A	0.6
9	☐	1.000		15169106.42		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9012277.37		A	1.8
2	☐	1.000					
3	☐	1.000		9173815.77		A	0.7
4	☐	1.000		9543494.02		A	0.4
5	☐	1.000		9148431.81		A	0.4
6	☐	1.000		9519446.87		A	1.6
7	☐	1.000		9063755.07		A	0.5
8	☐	1.000		9013564.24		A	0.2
9	☐	1.000		8498602.23		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11094888.31		A	0.8
2	☐	1.000					
3	☐	1.000		11355452.19		A	1.3
4	☐	1.000		11403443.58		A	0.9
5	☐	1.000		11222620.80		A	1.2
6	☐	1.000		11015584.49		A	0.7
7	☐	1.000		10682313.10		A	0.2
8	☐	1.000		10314426.17		A	0.9
9	☐	1.000		8295367.03		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7125228.43		A	1.7
2	☐	1.000					
3	☐	1.000		7257919.26		A	0.4
4	☐	1.000		7478029.54		A	0.7
5	☐	1.000		7079315.52		A	0.3
6	☐	1.000		7223803.44		A	2.5
7	☐	1.000		6721511.98		A	0.6
8	☐	1.000		6441305.46		A	0.1
9	☐	1.000		5188455.86		P	0.9