

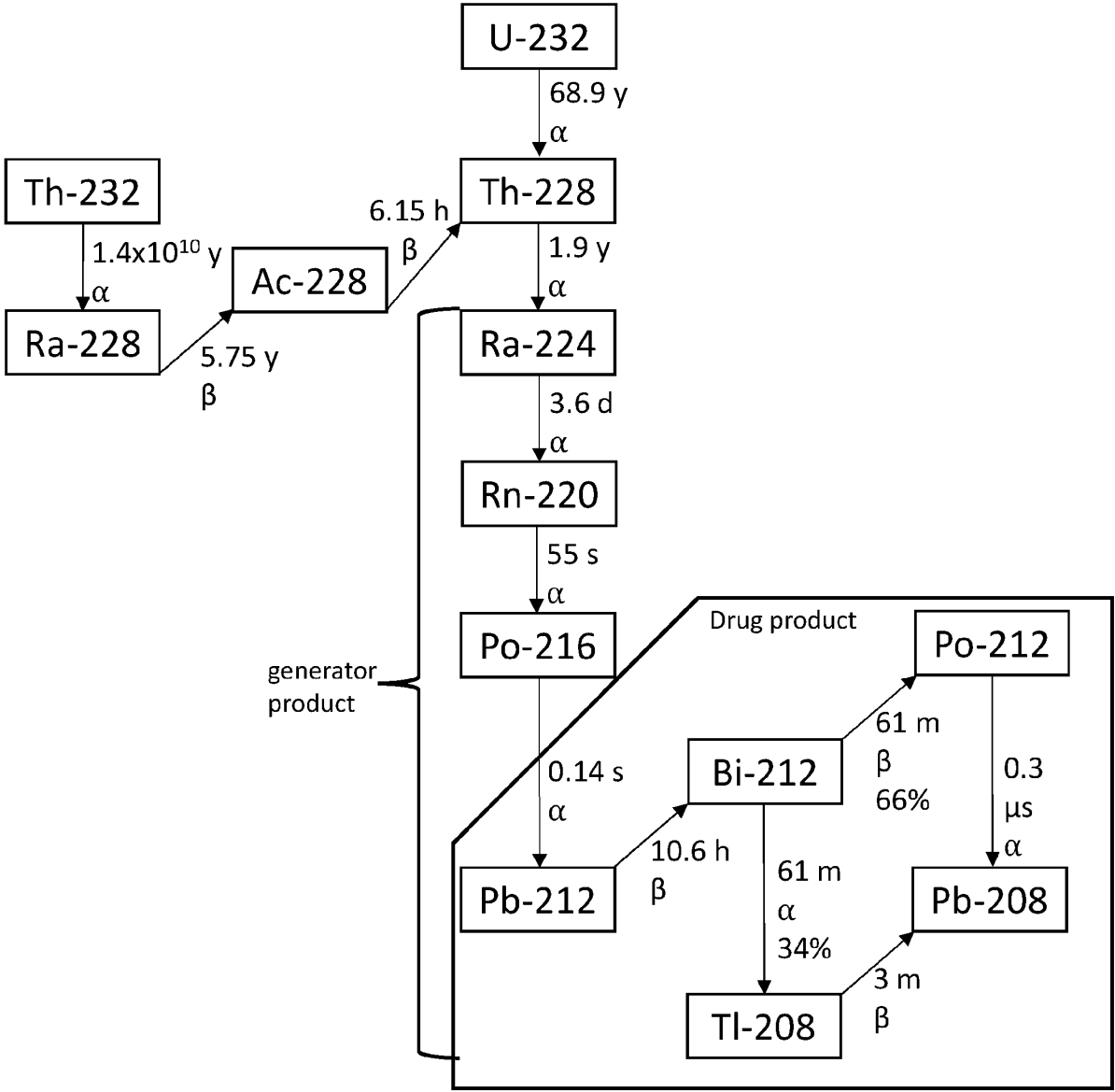


FIG. 1

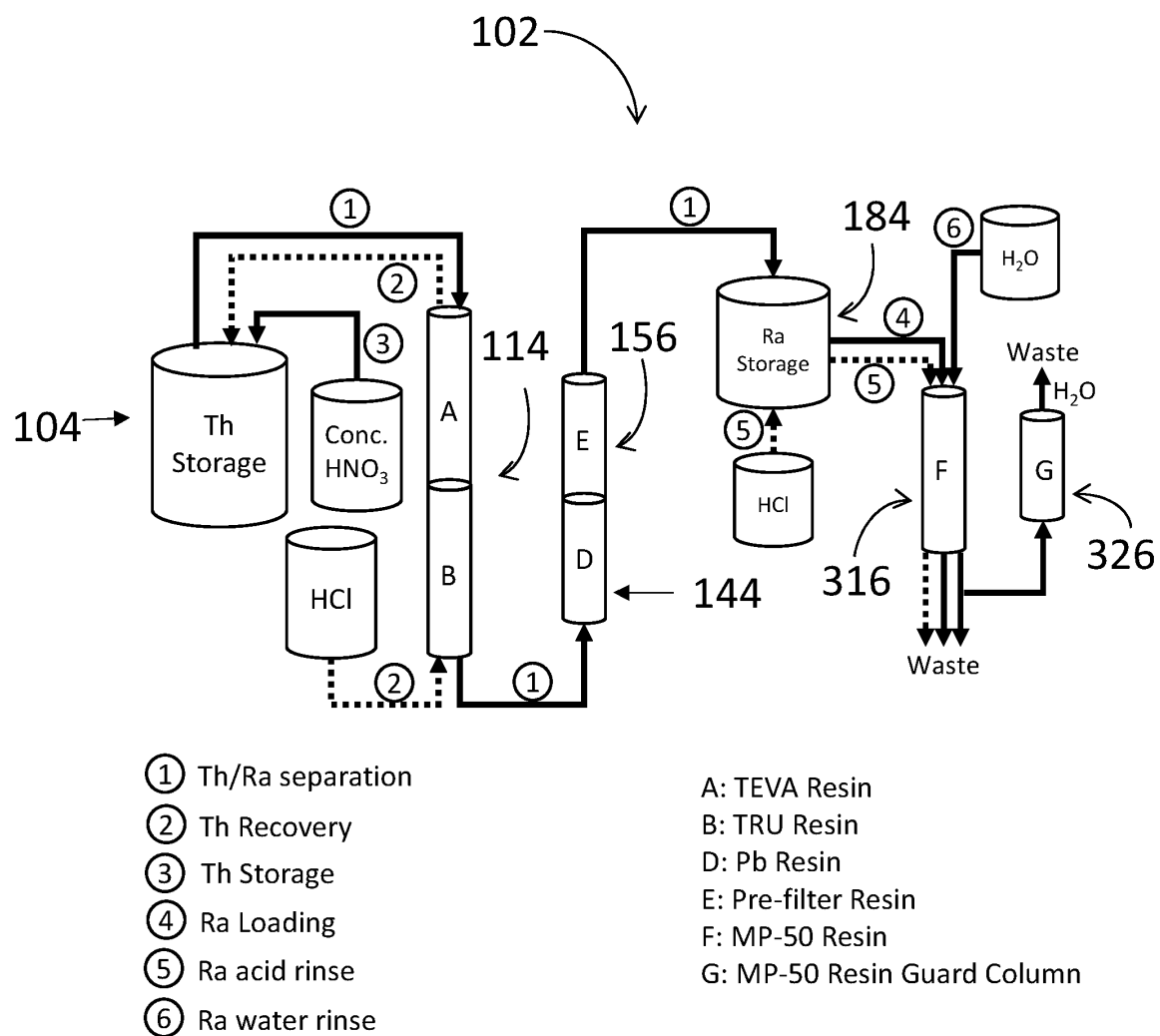


FIG. 2

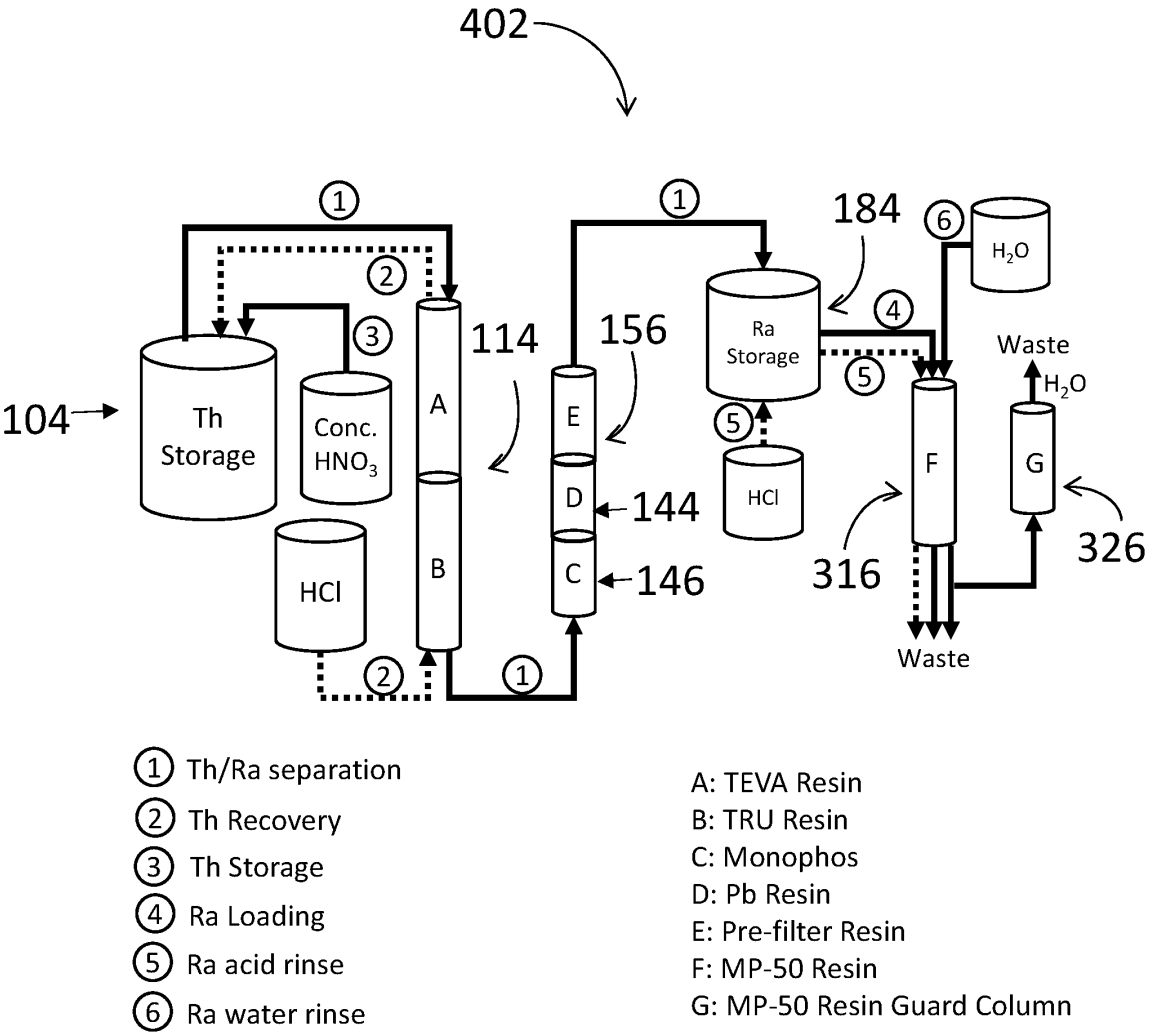


FIG. 3

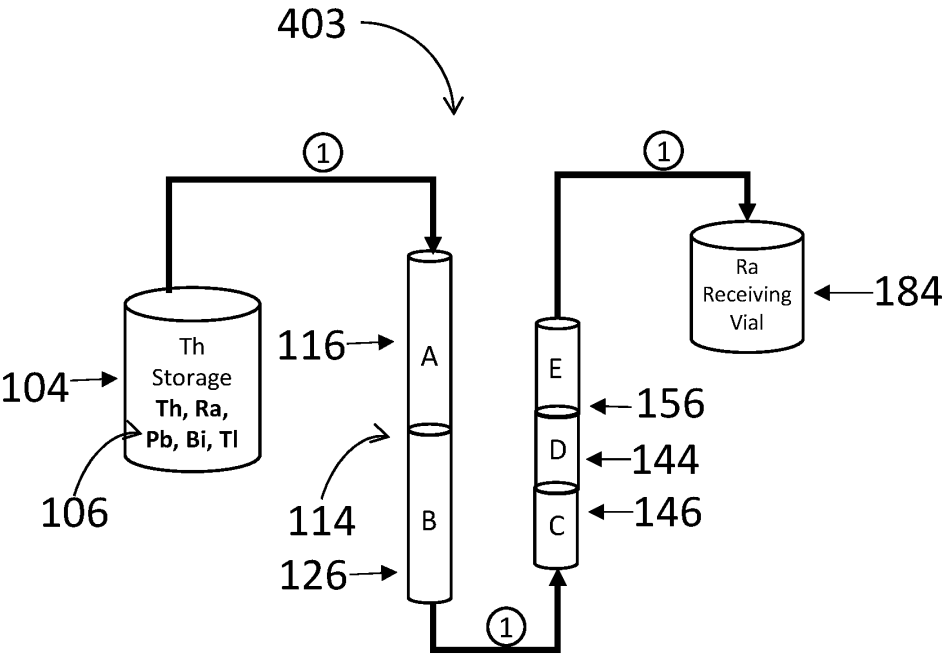


FIG. 4A

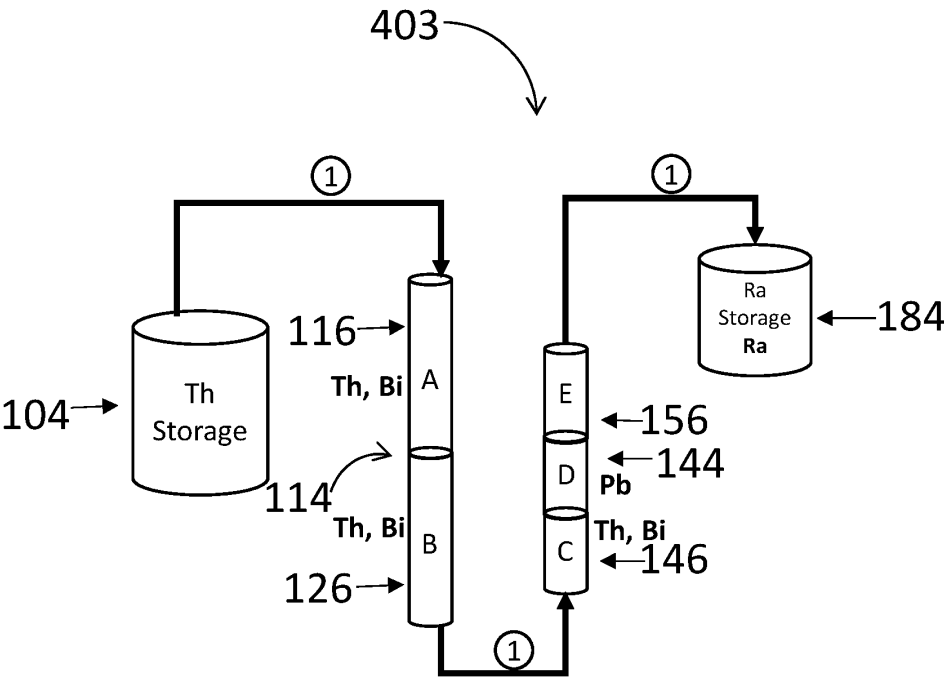


FIG. 4B

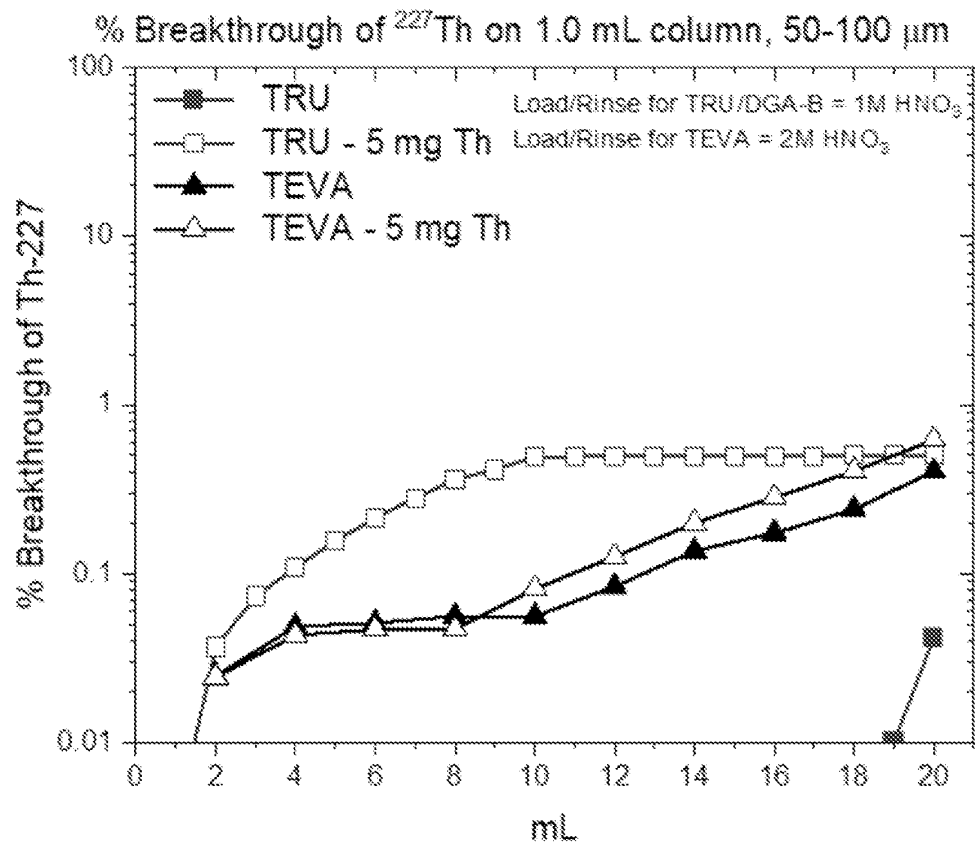


FIG. 4C

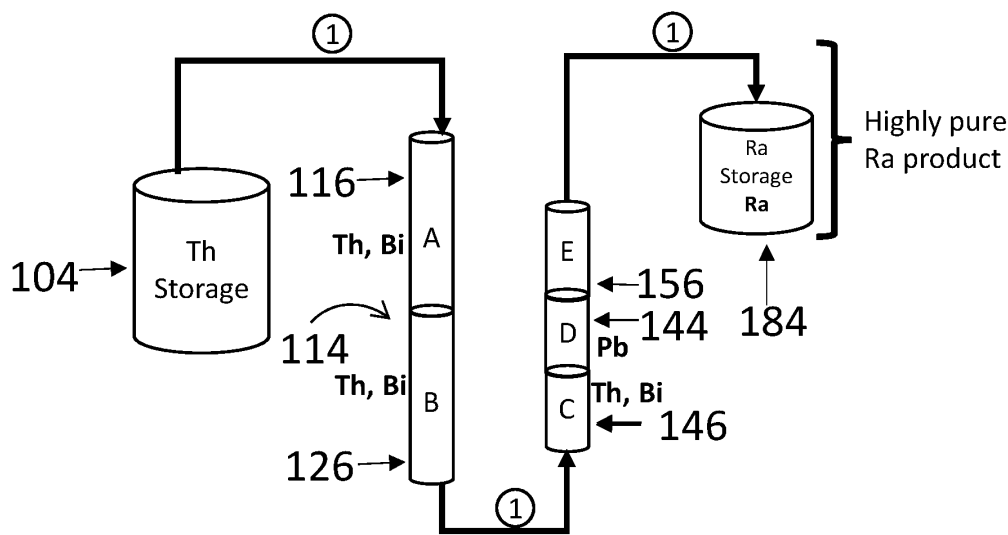


FIG. 5

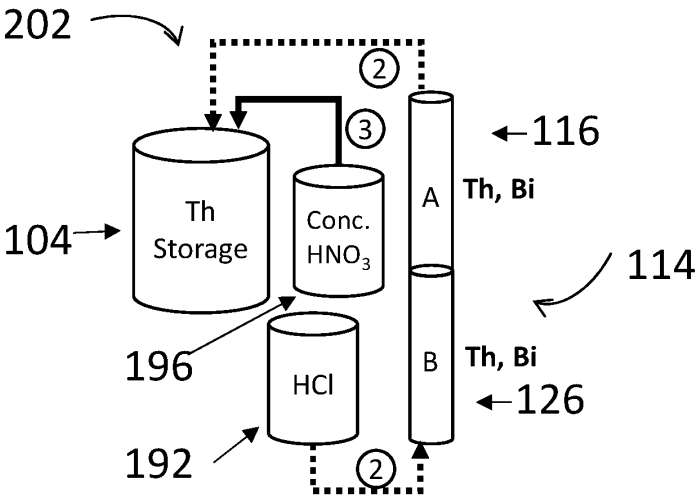


FIG. 6A

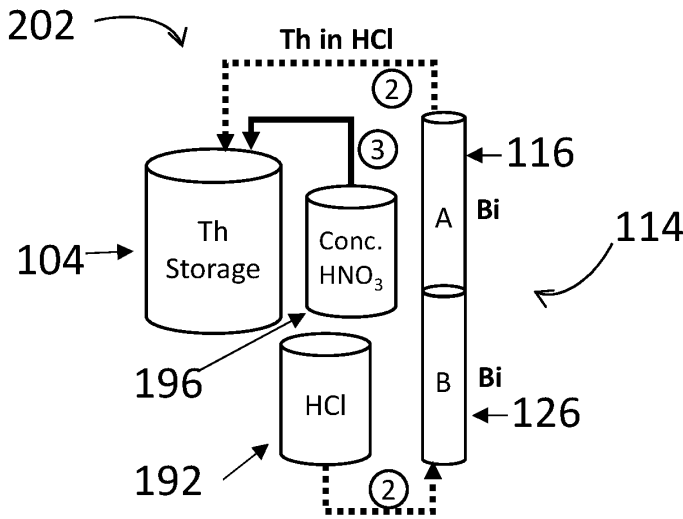


FIG. 6B

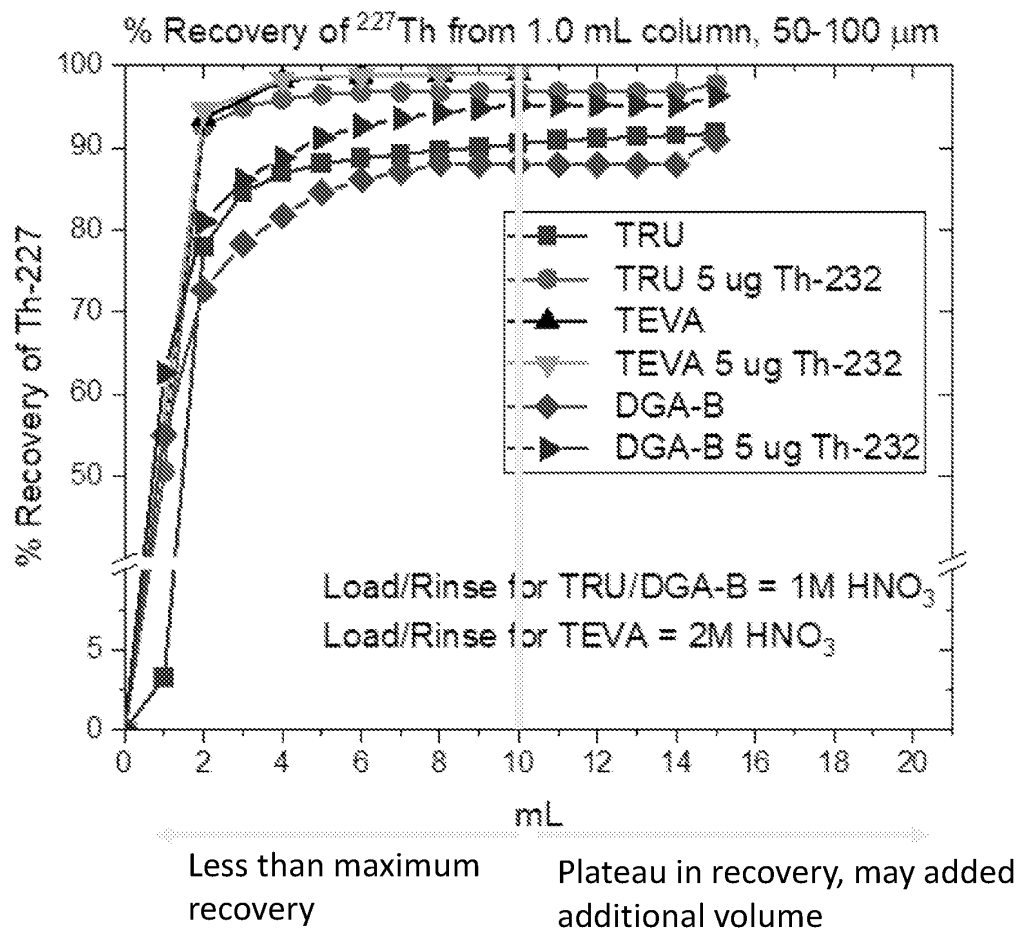


FIG. 6C

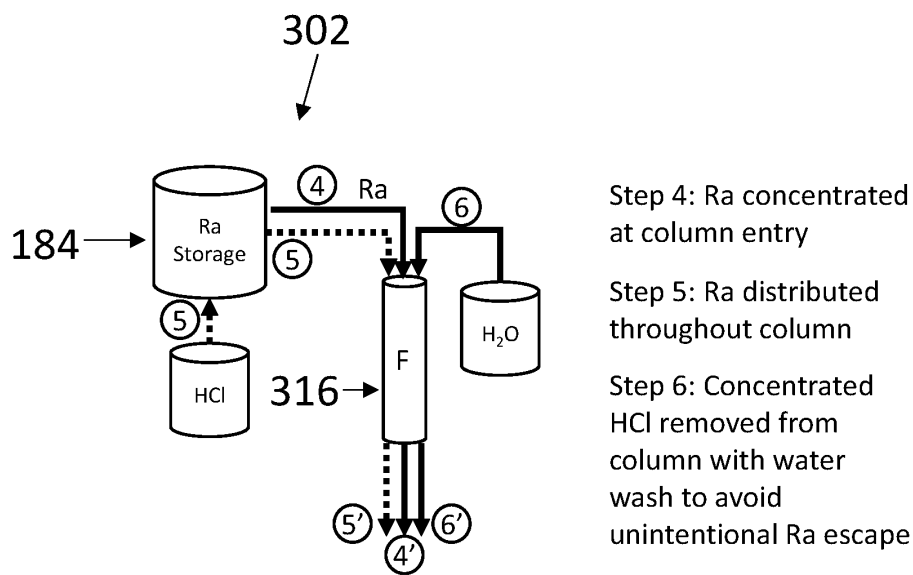


FIG. 7

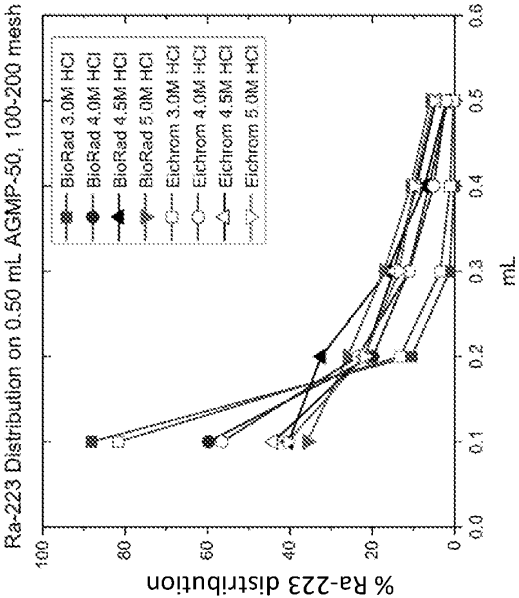


FIG. 8B

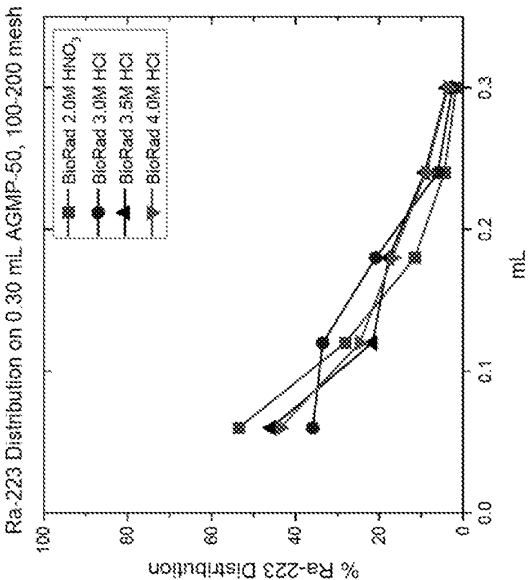


FIG. 8D

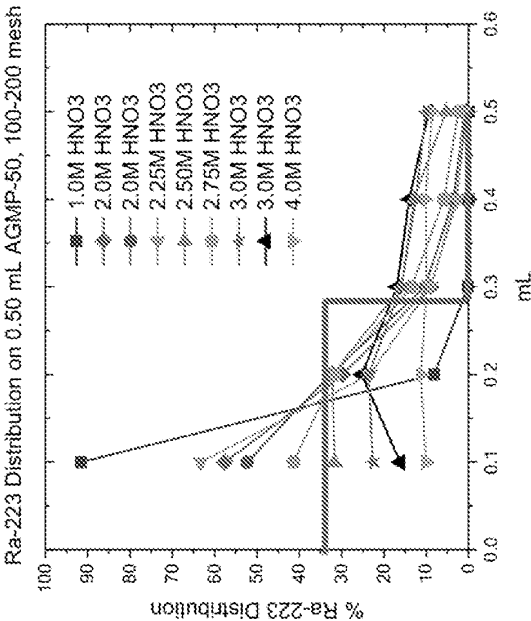


FIG. 8A

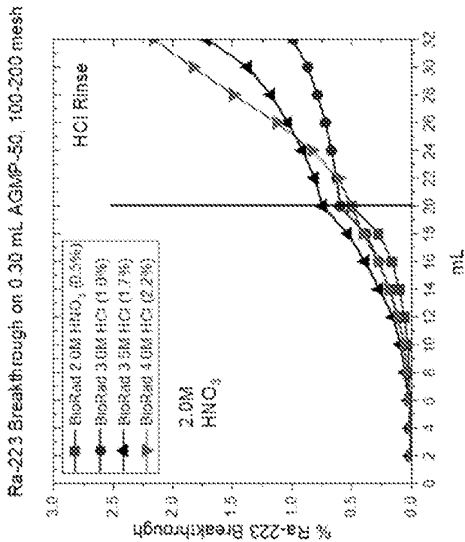


FIG. 8C

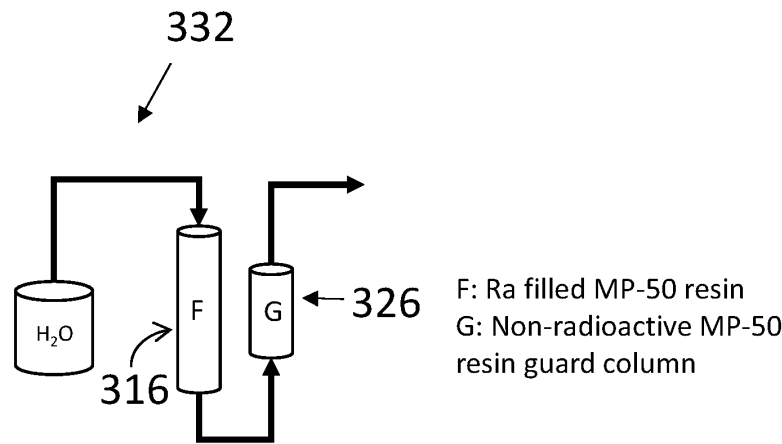


FIG. 9

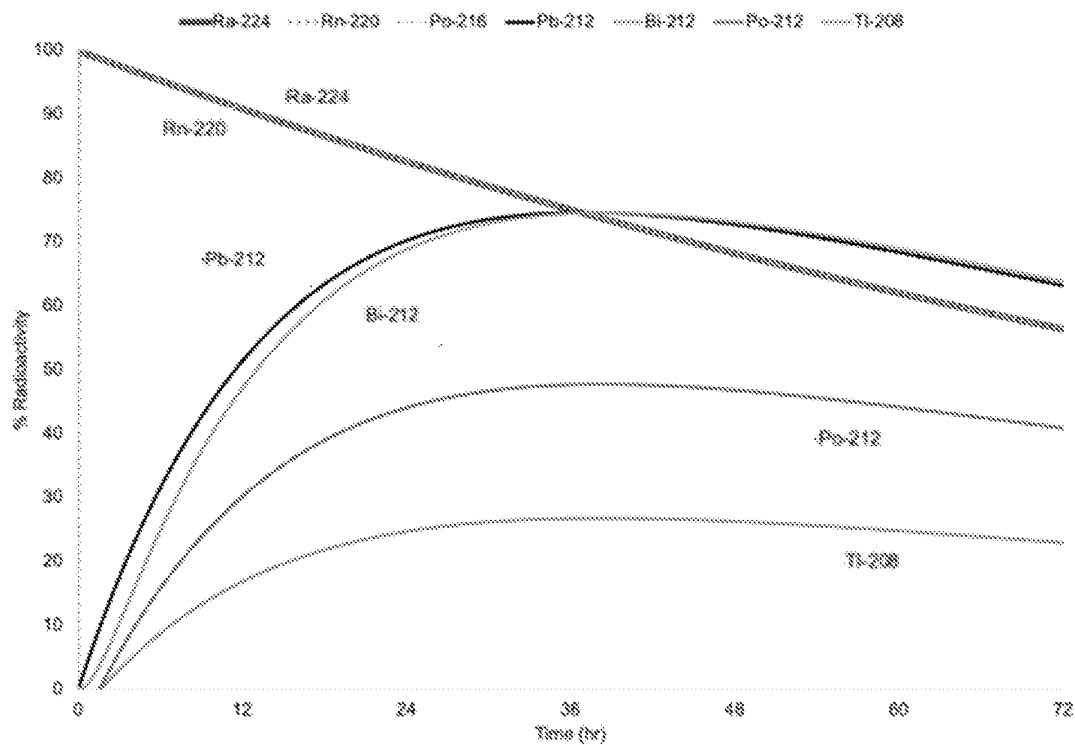
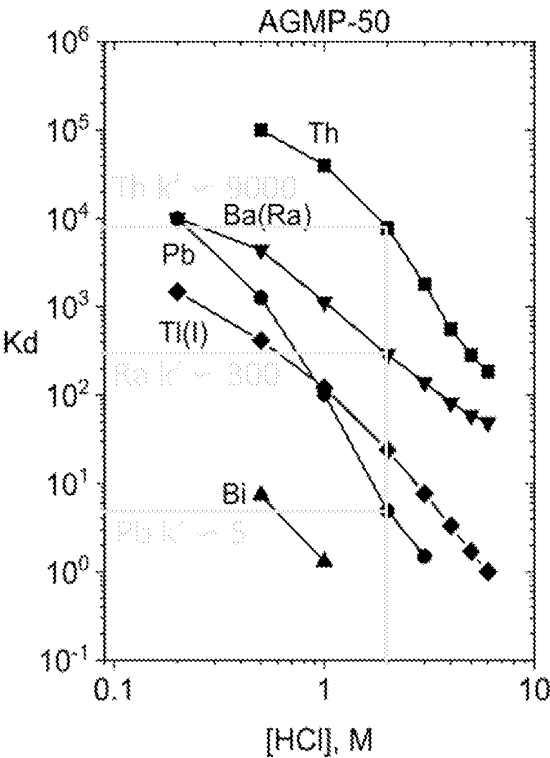


FIG. 10A



Date of Manufacture	Nov. 3, 2021	Dec. 8, 2021	Jan. 12, 2022
Batch #	20211103-01	20211208-01	20220112-01
Radioactivity (Ra-224)	16 mCi	16 mCi	22.5 mCi
Ra-224 Purity	>99.99%	>99.99%	>99.99%
Th-228 Content (Th-228/Ra-224%)	0.024 μ Ci (0.0002%)	0.016 μ Ci (0.0001%)	0.006 μ Ci (0.00003%)

FIG. 11A

Date of Manufacture	24AUG2022	25AUG2022	27SEP2022
Batch #	VMT236IN22A	VMT237IN22A	VMT270IN22A
Radioactivity (Ra-224)	30.76 mCi	37.47mCi	30.76 mCi
Ra-224 Purity	>99.9999%	>99.9999%	>99.9999%

FIG. 11B

Batch #	20211103-01	20211208-01	20220112-01
Radioactivity (Ra-224)	15.9 mCi	15.8 mCi	22.5 mCi
Elution #	Ra-224 Breakthrough		
1	0.0006%	0.0021%	0.0019%
2	0.0008%	0.0019%	0.0002%
3	0.0007%	0.0019%	0.00004%
4	0.0007%	0.0089%	0.00003%
5	0.0007%	0.0012%	0.0002%
6	0.0006%	0.0013%	0.00003%
7	0.0009%	0.0014%	0.00003%
8	0.0008%	0.0016%	0.0008%
9	0.0010%	0.0036%	0.0003%
10	0.0001%	0.0070%	0.0003%
11	0.0011%	N/A	N/A
12	0.0004%	N/A	N/A

FIG. 11C

Batch #	20211103-01	20211208-01	20220112-01
Elution #	Elution Efficiency		
1	98.13%	99.7%	84.3%
2	100%	Not Tested	97.5%
3	Not Tested	99.5%	95.2%
4	Not Tested	95.8%	96.3%
5	Not Tested	98.8%	100%
6	Not Tested	93.8%	92.6%
7	Not Tested	98.7%	94.8%
8	Not Tested	90.9%	99.9%
9	Not Tested	99.9%	96.0%
10	100%	95.4%	94.5%

FIG. 11D

Batch #	VMT236IN22A	VMT237IN22A	VMT270IN22A
Elution #	Ra-224 Breakthrough (Ra/Ra)		
1	0.0000169	0.0000643	0.0000075
2	0.0000050	0.0000280	0.0000022
3	0.0000156	0.0000282	0.0000042
4	0.0000292	0.0000038	0.0000063
5	0.0000617	0.0000347	0.0000158
6	0.0001071	0.0000672	0.0000281
7	0.0001955	0.0001218	0.0000466
8	0.0004165	0.0002410	0.0000850
9	0.0007757	0.0004666	0.0001661
10	0.0012360	0.0010415	0.0002728

FIG. 11E

Batch #	VMT236IN22A	VMT237IN22A	VMT270IN22A
Elution #	Elution Efficiency		
1	96.99%	99.51%	96.54%
2	97.07%	99.72%	98.26%
3	96.89%	101.50%	96.89%
4	87.35%	NC	97.08%
5	98.15%	99.67%	99.10%
6	98.54%	97.99%	97.70%
7	98.14%	98.36%	97.21%
8	99.48%	97.86%	97.19%
9	96.64%	97.82%	96.65%
10	97.76%	97.26%	97.46%

NC = not collected

FIG. 11F

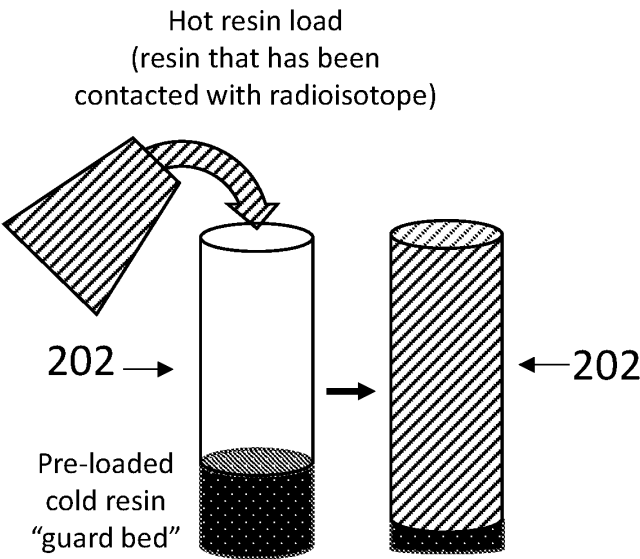


FIG. 12A

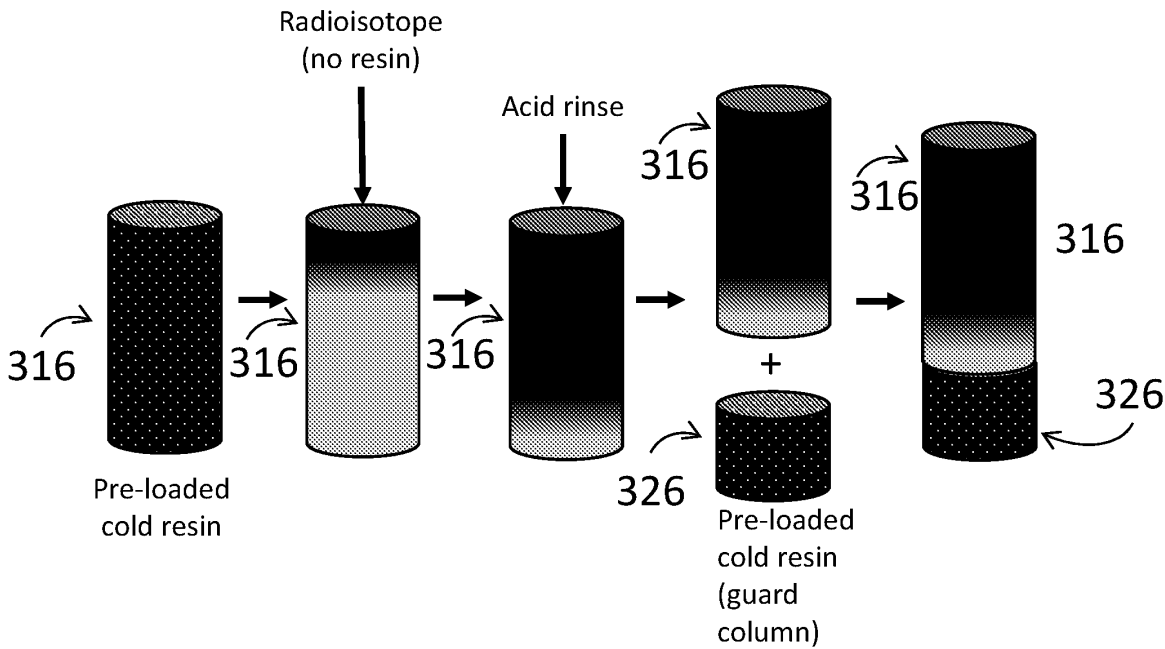
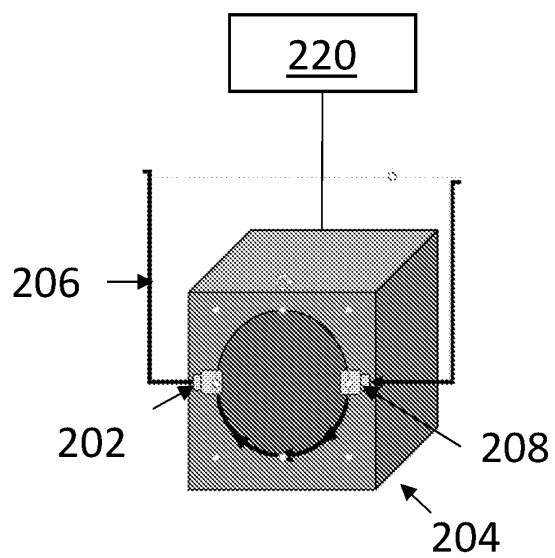


FIG. 12B

**FIG. 13**