

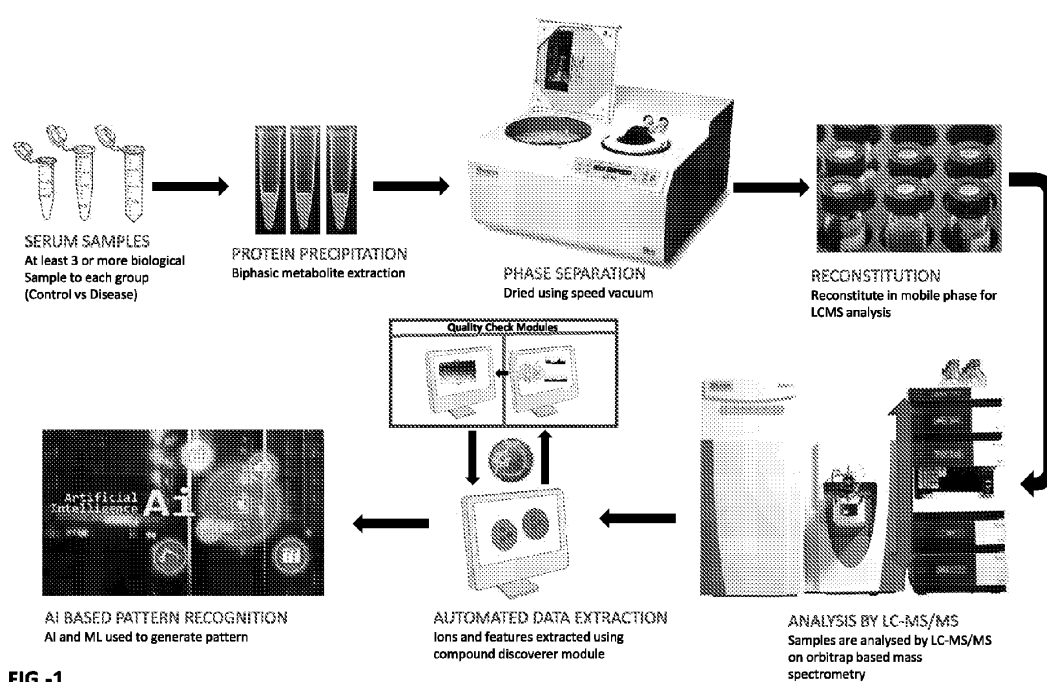


FIG.-1.

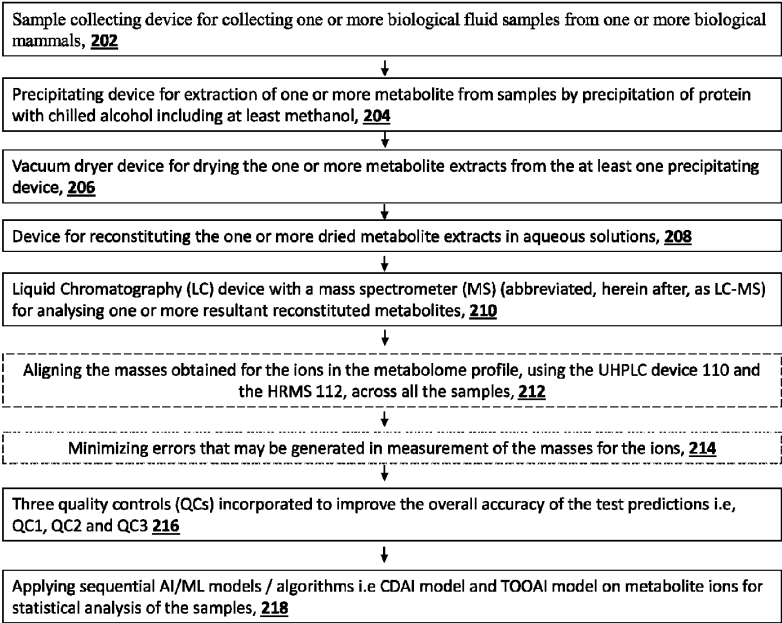


FIG.- 2.

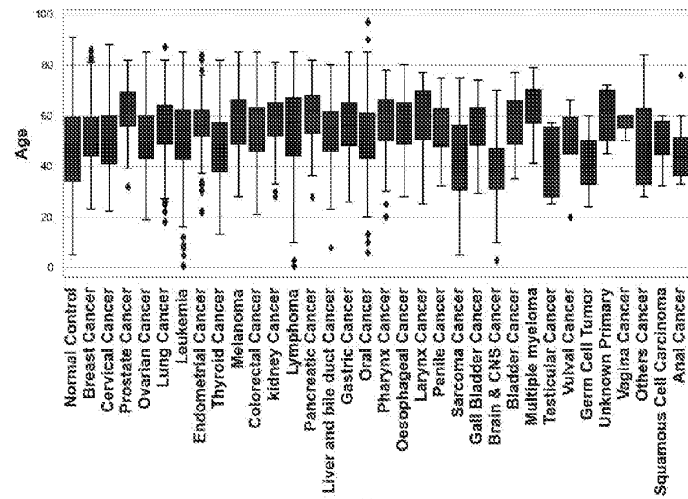


FIG.- 3.

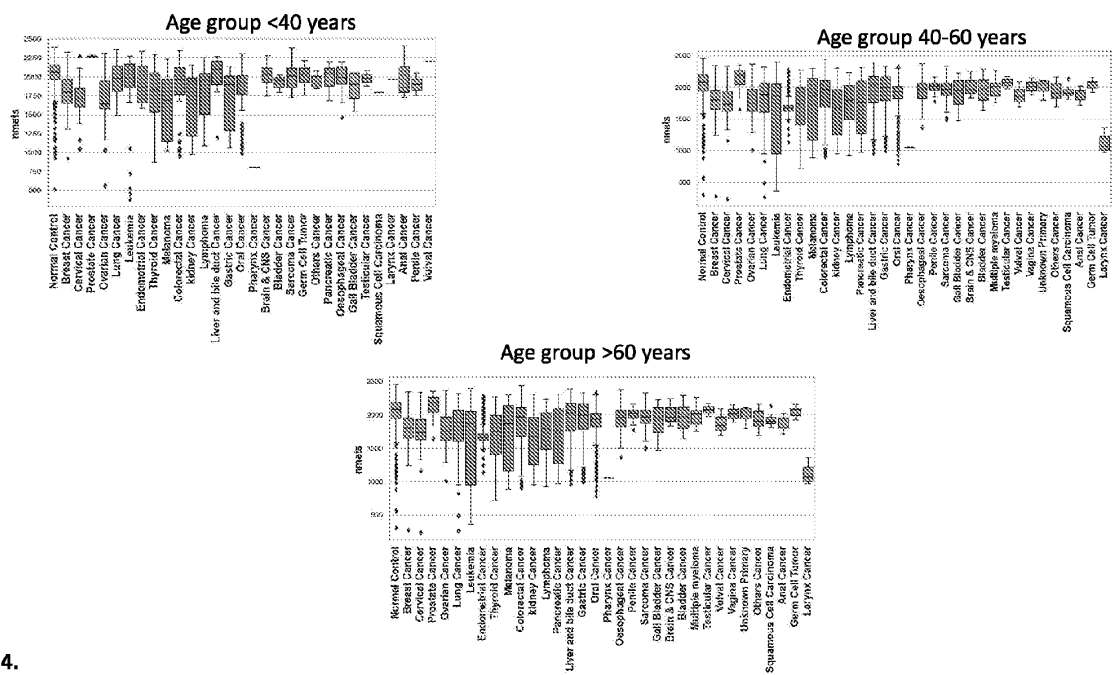


FIG.- 4.

Mass and Retention time index for each Mass box

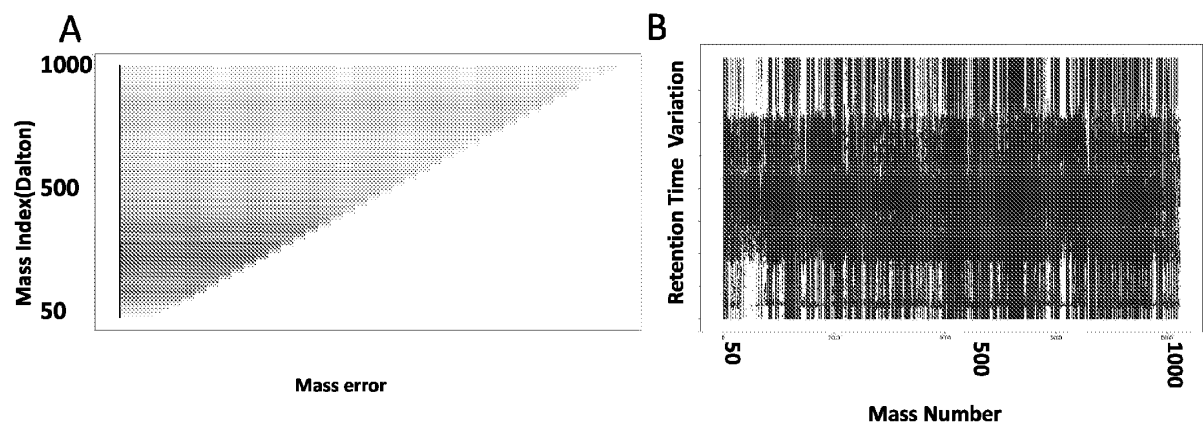


FIG.-5

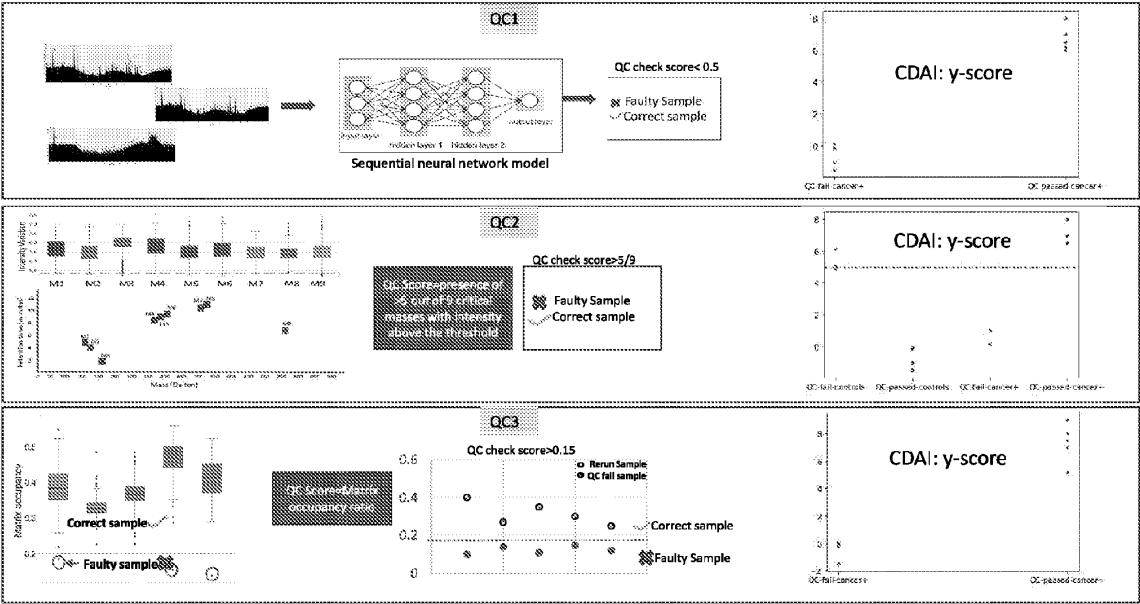
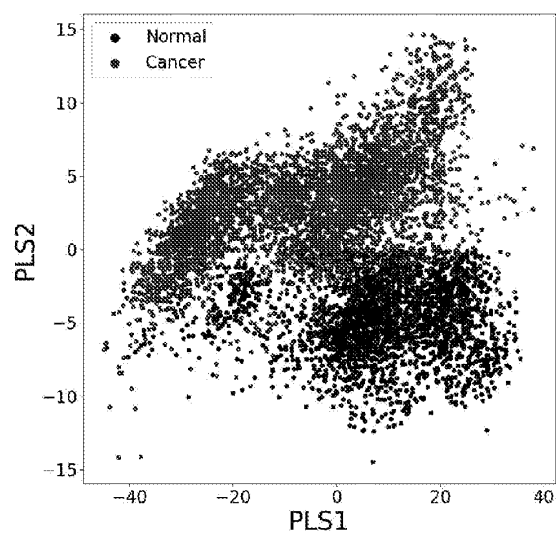


FIG.- 6.

**FIG.- 7.**

AI Workflow

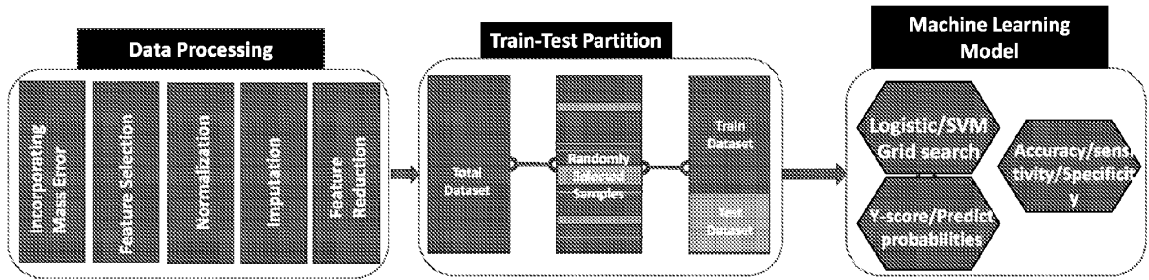


FIG.- 8.

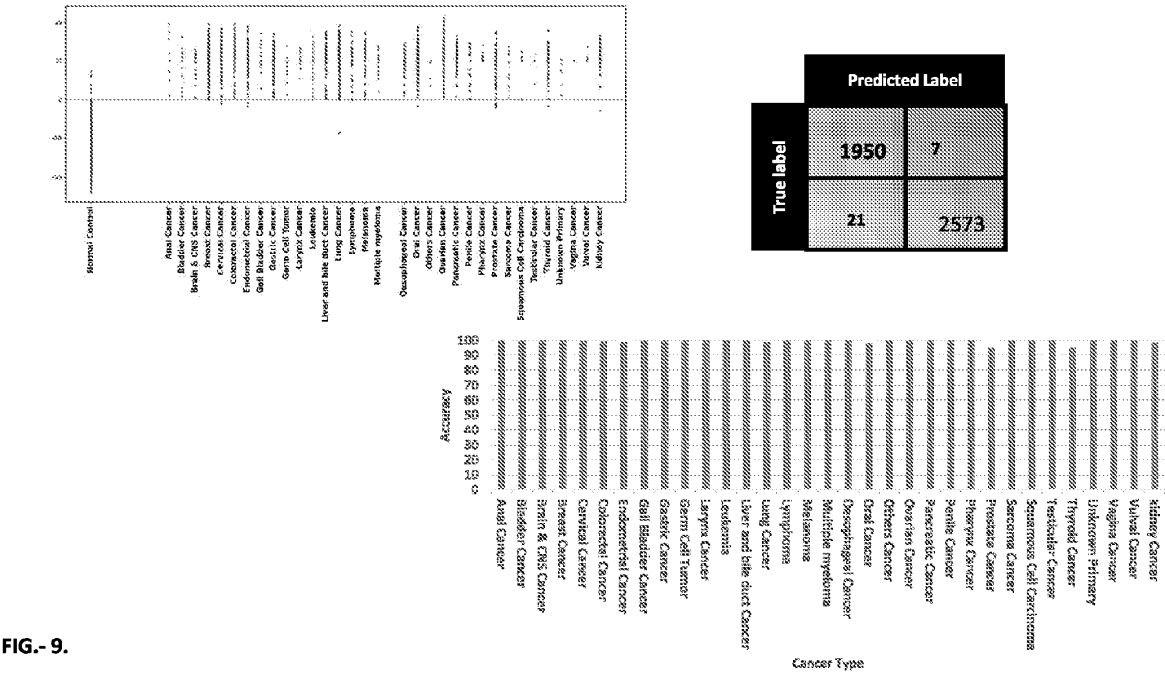


FIG.- 9.

	Endometrial	Breast	Cervical	Ovarian	Lung	AML	Thyroid	Melanoma	Colorectal	Kidney	NHL	Pancreatic	Liver	Gastric	Head&neck	Esophageal	Prostate	Others
Endometrial	205	1	1	4	0	0	0	0	1	2	0	0	0	0	0	0	0	0
Breast	1	207	4	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Cervical	1	1	220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovarian	4	2	7	222	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lung	0	2	0	0	162	0	0	0	0	0	0	0	0	1	0	0	0	0
AML	0	0	0	1	0	72	0	2	0	0	0	0	0	0	0	0	0	0
Thyroid	0	0	1	0	0	0	77	0	0	0	0	1	0	0	0	0	0	0
Melanoma	0	0	0	0	0	0	0	72	0	0	0	1	1	0	0	0	0	0
Colorectal	0	0	0	0	2	0	1	0	146	2	0	0	0	0	0	0	0	0
Kidney	1	1	0	0	0	0	0	1	0	50	0	0	0	1	0	0	0	0
NHL	0	0	2	0	0	2	0	0	0	1	44	0	0	0	0	0	0	0
Pancreatic	0	0	0	0	0	0	0	0	0	0	0	66	0	0	0	0	0	0
Liver	0	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0
Gastric	0	0	0	3	0	0	0	0	0	2	0	1	0	130	0	0	0	0
Head&neck	0	0	1	1	0	0	1	0	4	0	2	0	0	0	256	0	0	0
Esophageal	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	66	0	0
Prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	0
Others	1	0	0	3	2	0	0	0	0	0	0	1	0	0	4	0	1	206

FIG.- 10.

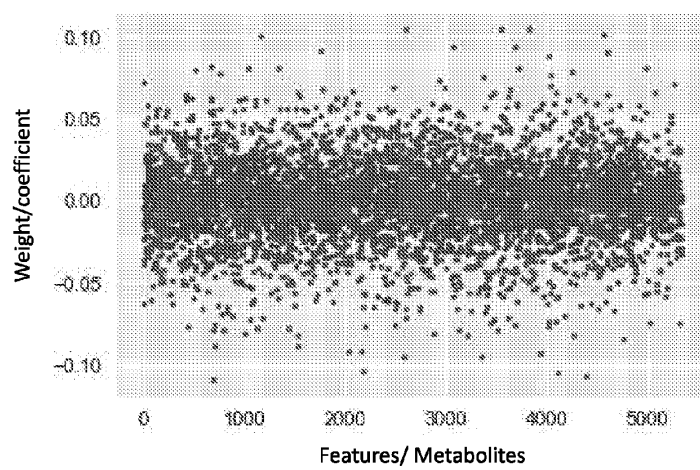


FIG.-11.