

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040934.D
 Acq On : 17 Jul 2023 22:29
 Operator : MA/JU
 Sample : 03423-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46X9

Quant Time: Jul 18 02:48:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

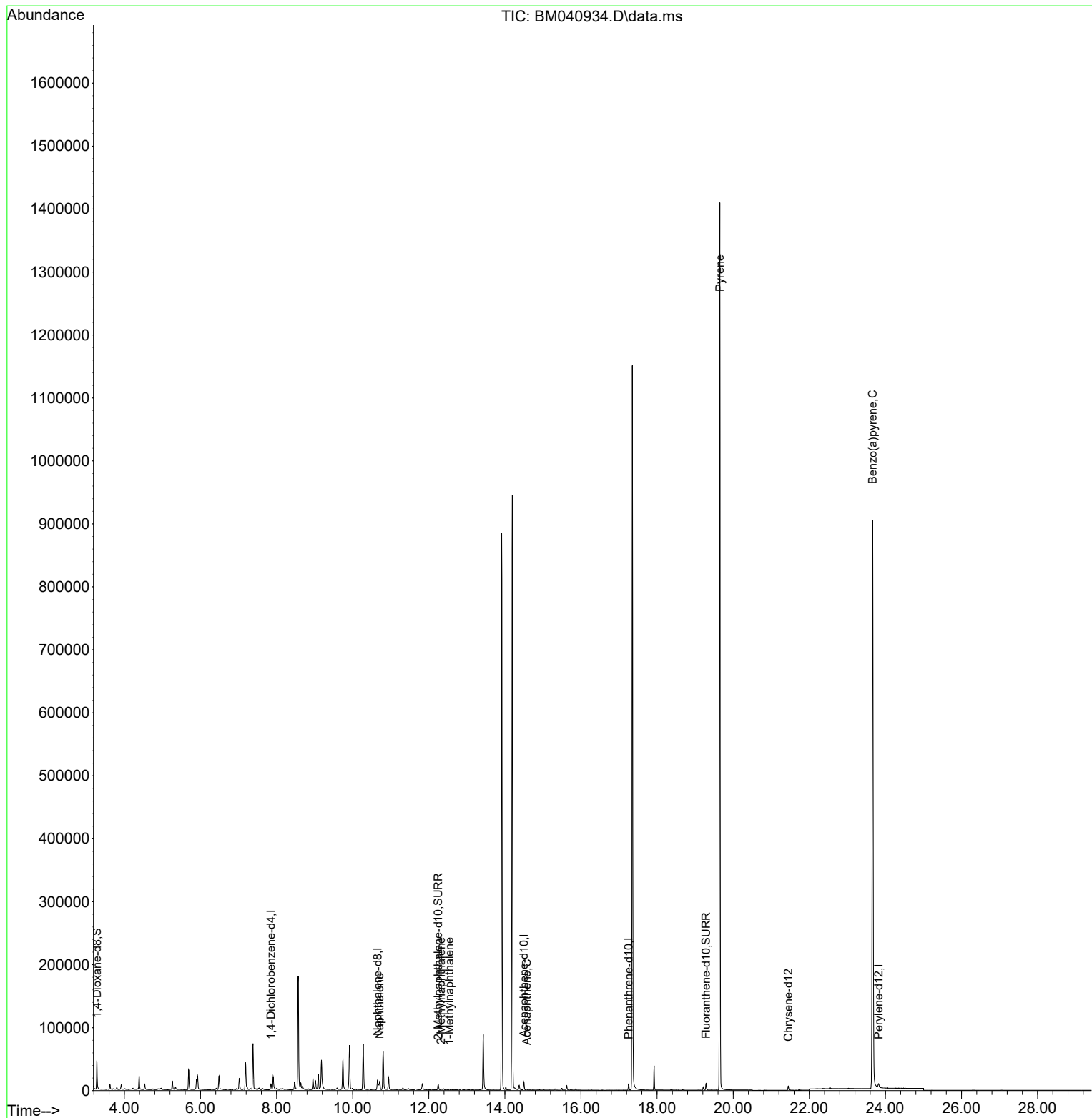
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4550	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.653	136	20013	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	6591	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	11134	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7125	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	10194	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	24730	3.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	11809	0.421	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	11519	0.504	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	3404	0.062	ng/ul#	92
7) 2-Methylnaphthalene	12.319	142	1015	0.031	ng/ul	92
8) 1-Methylnaphthalene	12.539	142	702	0.022	ng/ul	95
11) Acenaphthene	14.578	153	1427	0.057	ng/ul#	31
20) Pyrene	19.650	202	2169	0.067	ng/ul#	1
26) Benzo(a)pyrene	23.664	252	4485	0.126	ng/ul#	64

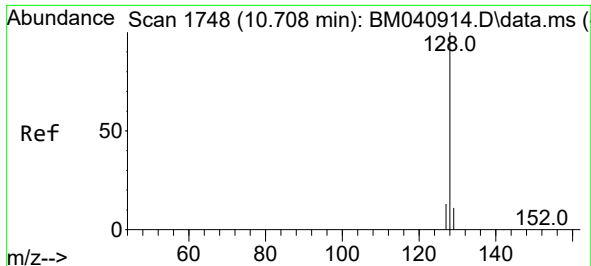
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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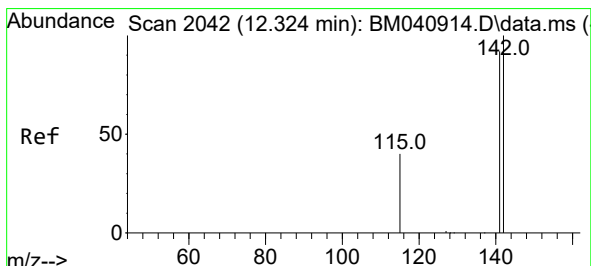
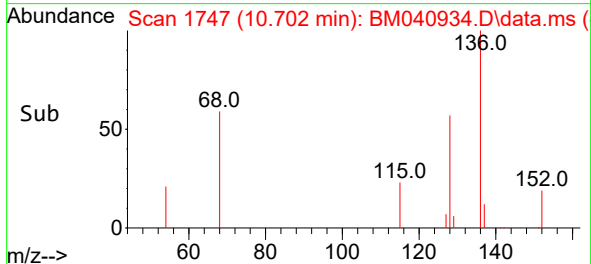
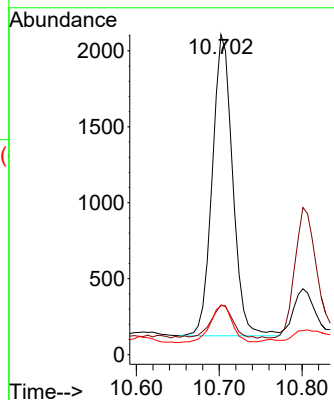
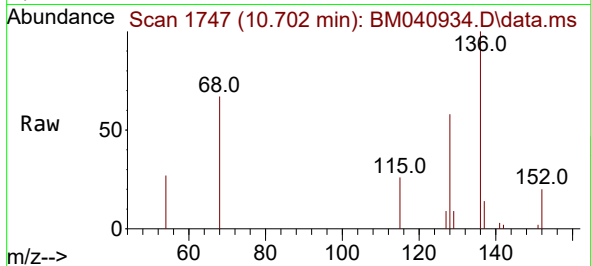




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.702 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040934.D
Acq: 17 Jul 2023 22:29

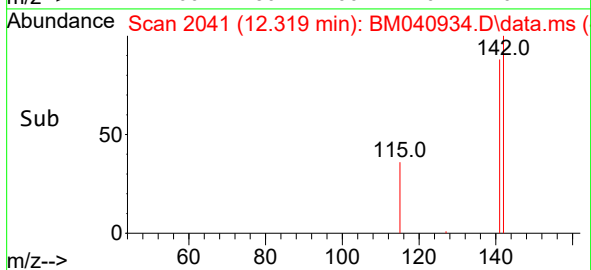
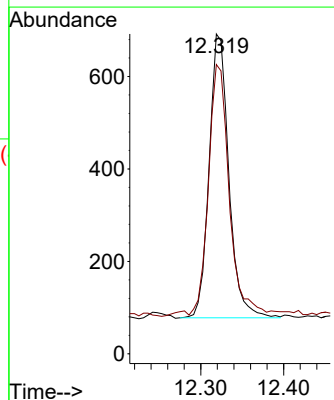
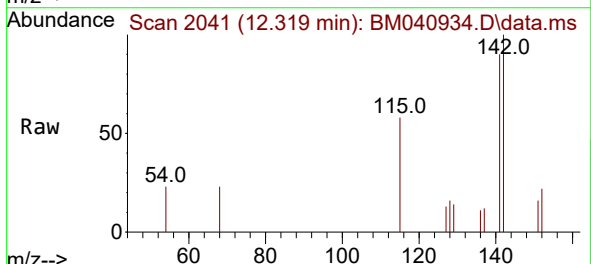
Instrument :
BNA_M
ClientSampleId :
A46X9

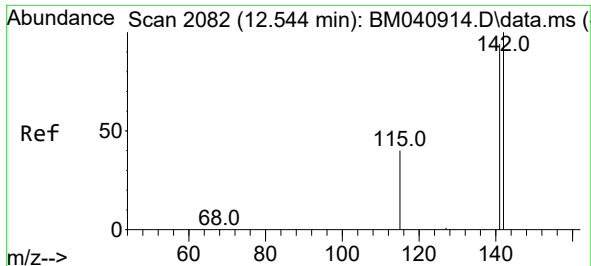
Tgt Ion:128 Resp: 3404
Ion Ratio Lower Upper
128 100
129 15.6 9.2 13.8#
127 15.3 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.319 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BM040934.D
Acq: 17 Jul 2023 22:29

Tgt Ion:142 Resp: 1015
Ion Ratio Lower Upper
142 100
141 97.2 71.9 107.9

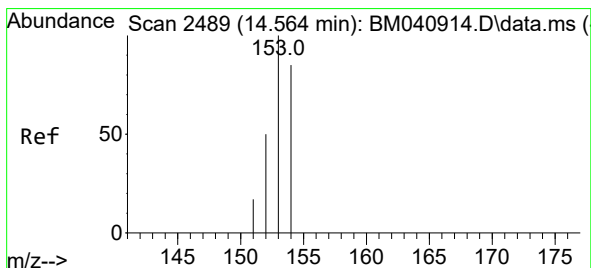
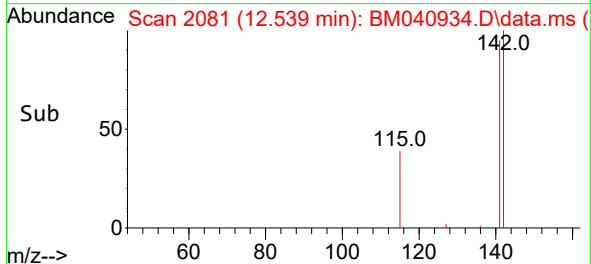
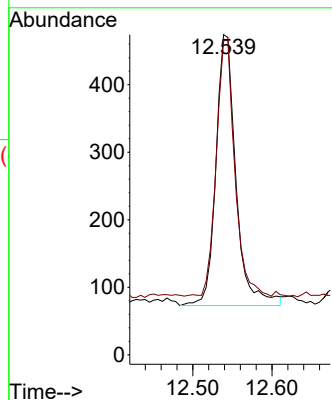
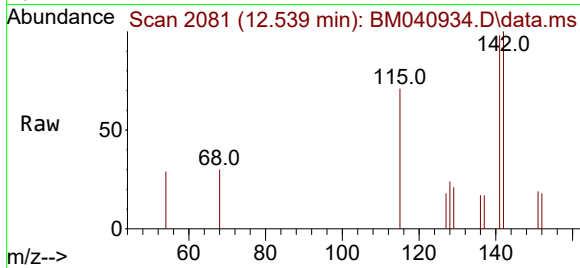




#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BM040934.D
Acq: 17 Jul 2023 22:29

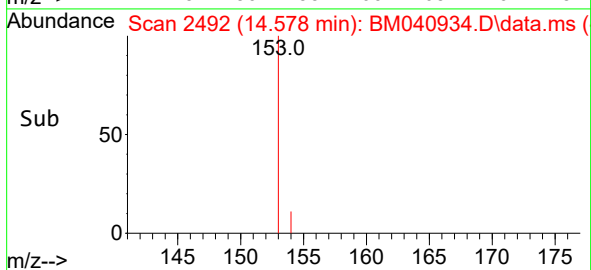
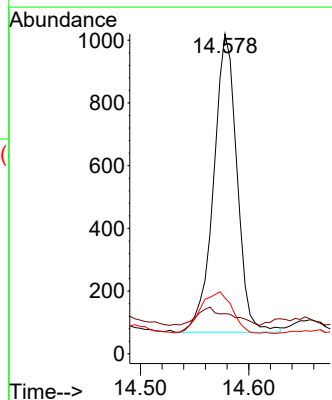
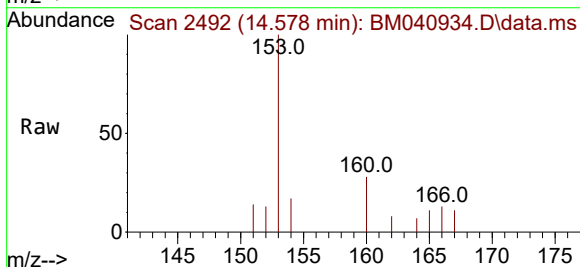
Instrument :
BNA_M
ClientSampleId :
A46X9

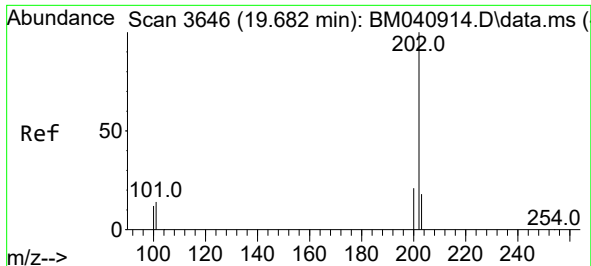
Tgt Ion:142 Resp: 702
Ion Ratio Lower Upper
142 100
141 87.5 73.7 110.5



#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. 0.009 min
Lab File: BM040934.D
Acq: 17 Jul 2023 22:29

Tgt Ion:153 Resp: 1427
Ion Ratio Lower Upper
153 100
152 12.5 41.0 61.4#
154 17.5 70.8 106.2#





#20

Pyrene

Concen: 0.067 ng/ul

RT: 19.650 min Scan# 3

Delta R.T. -0.037 min

Lab File: BM040934.D

Acq: 17 Jul 2023 22:29

Instrument :

BNA_M

ClientSampleId :

A46X9

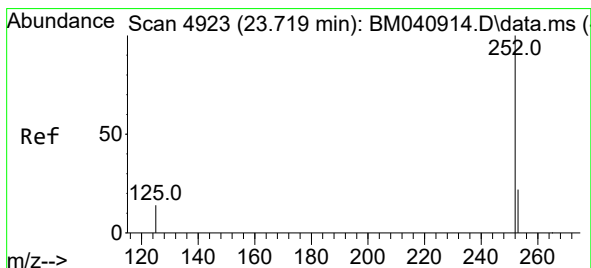
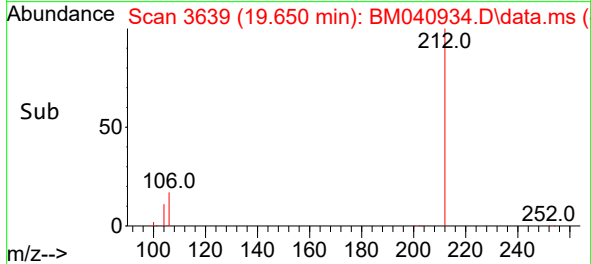
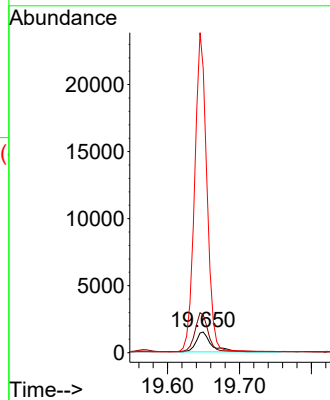
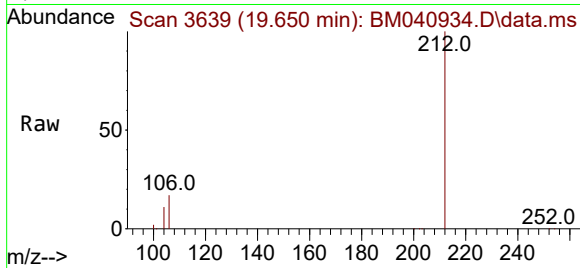
Tgt Ion:202 Resp: 2169

Ion Ratio Lower Upper

202 100

101 183.7 12.6 18.8#

100 1371.4 9.8 14.6#



#26

Benzo(a)pyrene

Concen: 0.126 ng/ul

RT: 23.664 min Scan# 4904

Delta R.T. -0.059 min

Lab File: BM040934.D

Acq: 17 Jul 2023 22:29

Tgt Ion:252 Resp: 4485

Ion Ratio Lower Upper

252 100

253 46.0 22.9 34.3#

125 46.1 21.0 31.4#

