

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040909.D
 Acq On : 15 Jul 2023 17:50
 Operator : MA/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46F5

Quant Time: Jul 16 00:29:32 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)

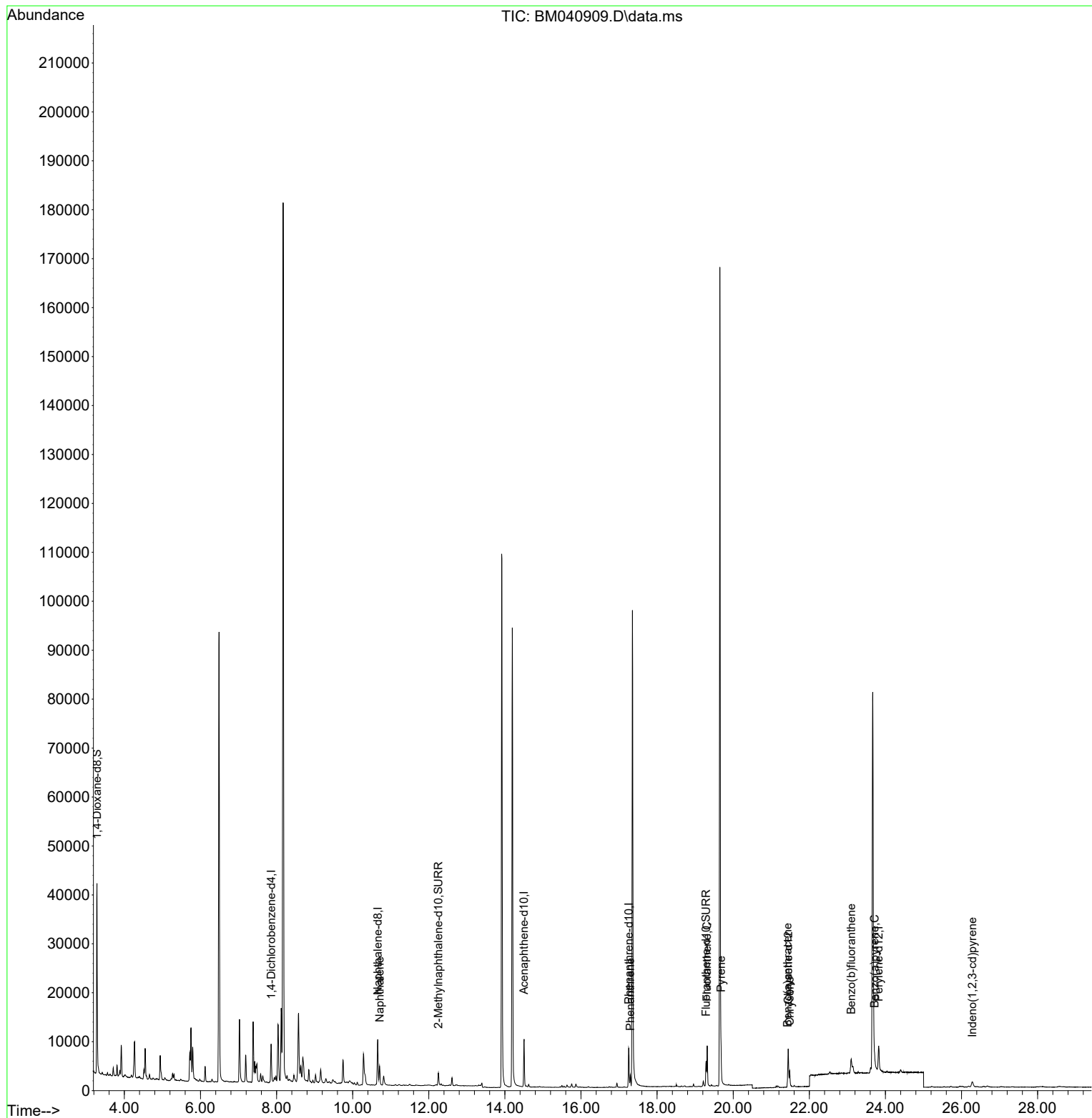
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	4073	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12810	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5301	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9557	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	6855	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	7502	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	21308	3.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	3824	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	5514	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	5250	0.149	ng/ul	96
15) Phenanthrene	17.295	178	2492	0.084	ng/ul#	92
19) Fluoranthene	19.315	202	7019	0.241	ng/ul	99
20) Pyrene	19.678	202	5780	0.185	ng/ul#	95
21) Benzo(a)anthracene	21.431	228	2042	0.088	ng/ul	94
22) Chrysene	21.483	228	3423	0.129	ng/ul#	93
24) Benzo(b)fluoranthene	23.100	252	4708	0.162	ng/ul	69
26) Benzo(a)pyrene	23.714	252	1619	0.062	ng/ul#	33
27) Indeno(1,2,3-cd)pyrene	26.280	276	2112	0.058	ng/ul#	86

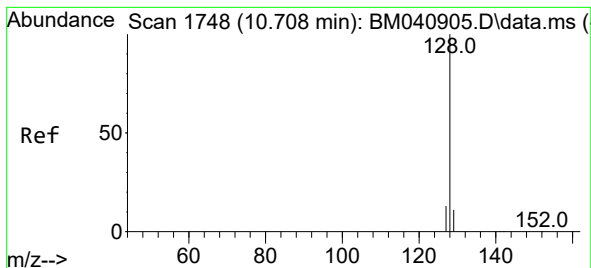
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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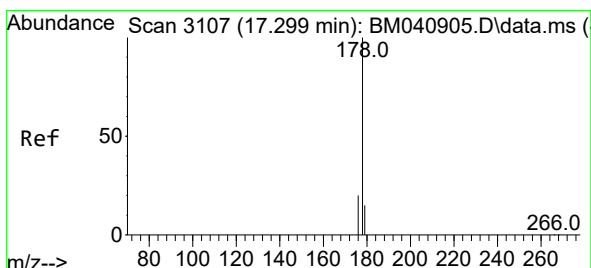
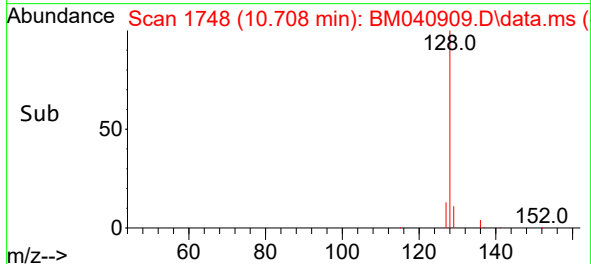
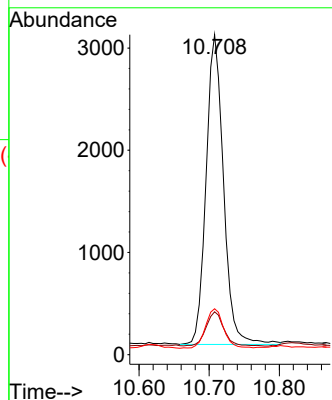
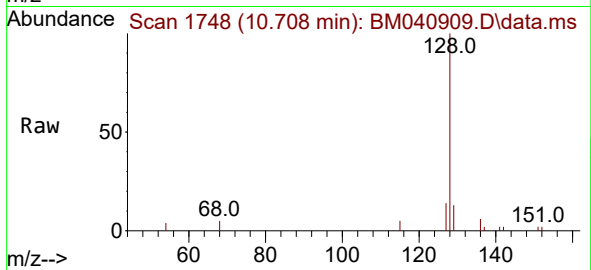




#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

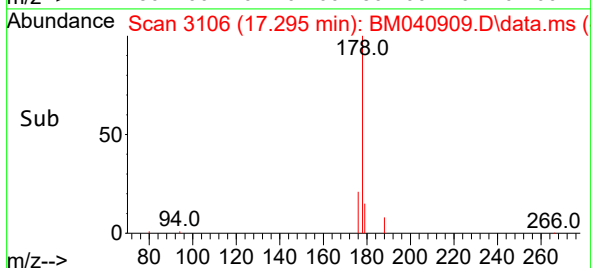
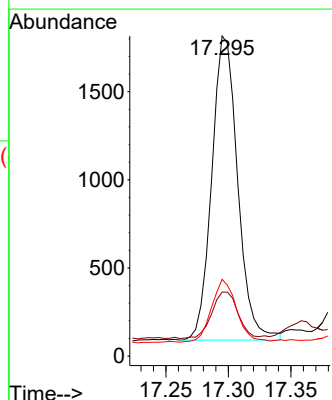
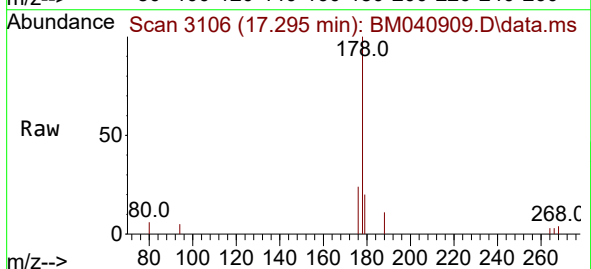
Instrument :
BNA_M
ClientSampleId :
A46F5

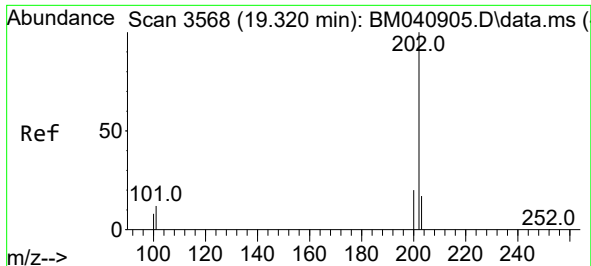
Tgt Ion:128 Resp: 5250
Ion Ratio Lower Upper
128 100
129 13.4 9.2 13.8
127 14.3 10.6 15.8



#15
Phenanthrene
Concen: 0.084 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

Tgt Ion:178 Resp: 2492
Ion Ratio Lower Upper
178 100
179 20.0 12.8 19.2#
176 24.0 16.4 24.6

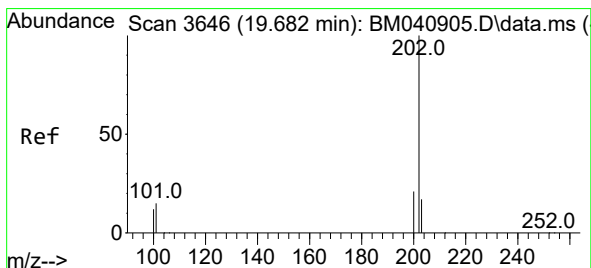
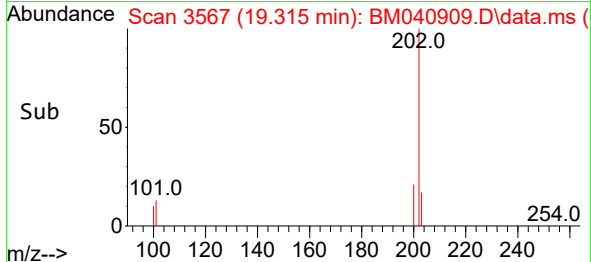
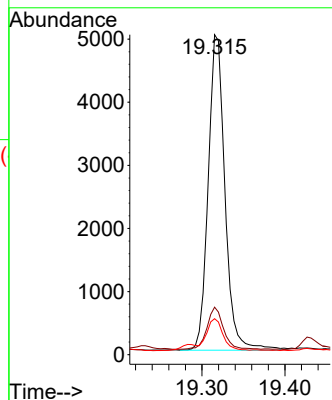
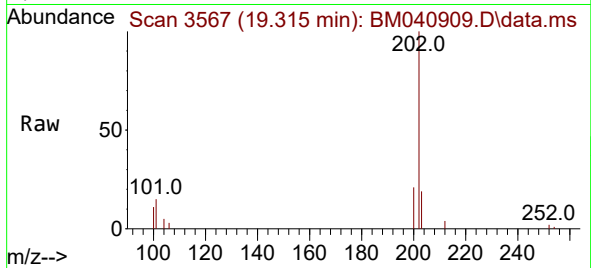




#19
Fluoranthene
Concen: 0.241 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

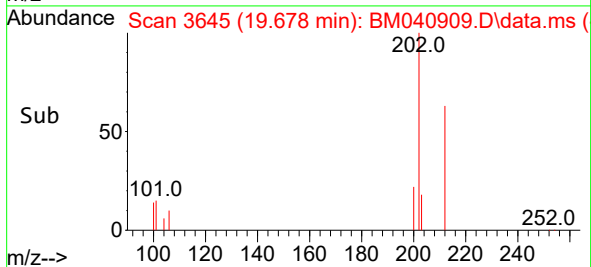
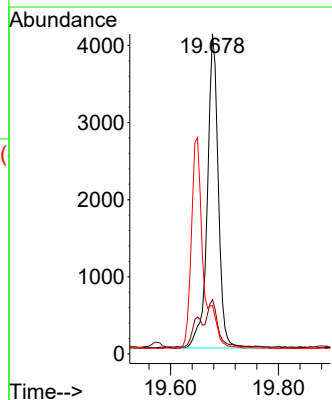
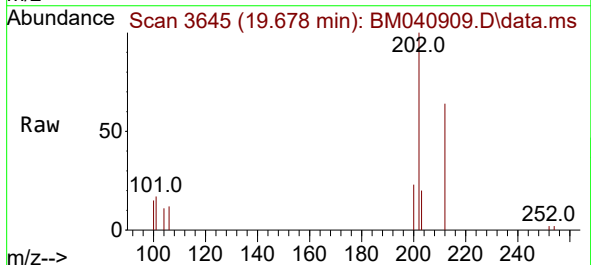
Instrument :
BNA_M
ClientSampleId :
A46F5

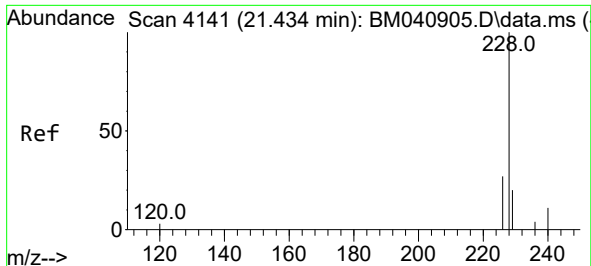
Tgt Ion:202 Resp: 7019
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.3 8.7 13.1



#20
Pyrene
Concen: 0.185 ng/ul
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

Tgt Ion:202 Resp: 5780
Ion Ratio Lower Upper
202 100
101 16.9 12.6 18.8
100 15.1 9.8 14.6#

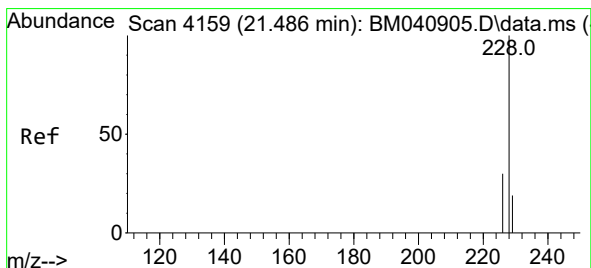
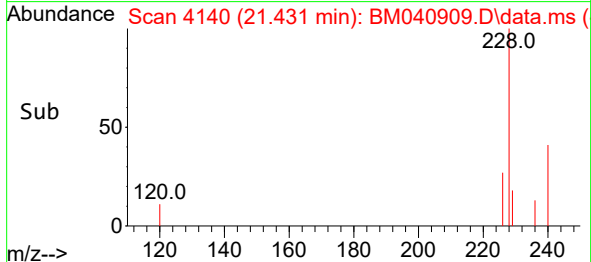
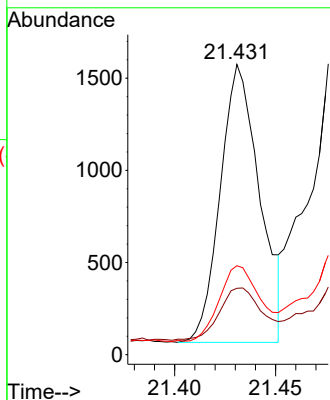
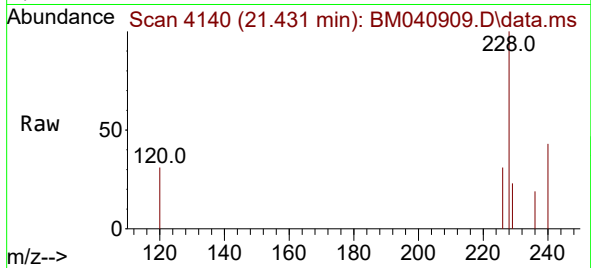




#21
Benzo(a)anthracene
Concen: 0.088 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

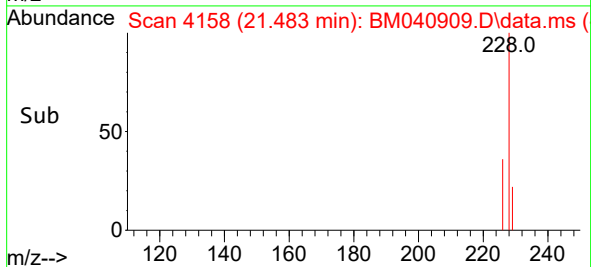
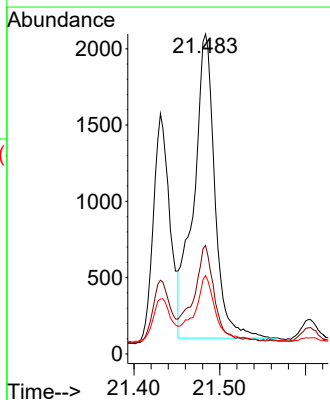
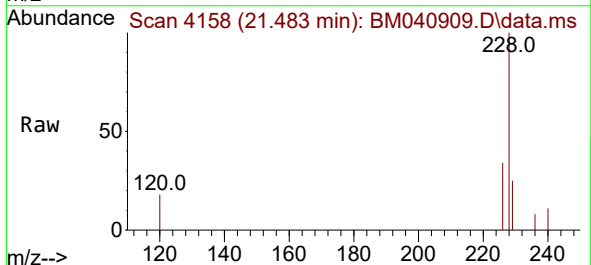
Instrument :
BNA_M
ClientSampleId :
A46F5

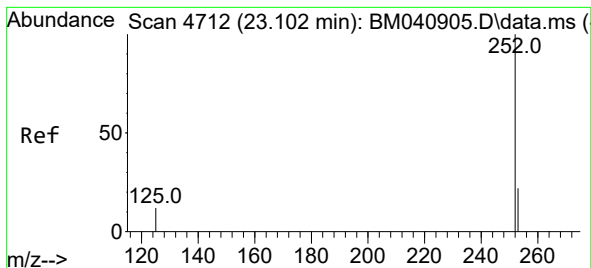
Tgt Ion:228 Resp: 2042
Ion Ratio Lower Upper
228 100
229 22.9 16.0 24.0
226 30.7 22.3 33.5



#22
Chrysene
Concen: 0.129 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040909.D
Acq: 15 Jul 2023 17:50

Tgt Ion:228 Resp: 3423
Ion Ratio Lower Upper
228 100
226 33.9 24.9 37.3
229 24.5 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.162 ng/ul

RT: 23.100 min Scan# 4711

Delta R.T. -0.003 min

Lab File: BM040909.D

Acq: 15 Jul 2023 17:50

Instrument :

BNA_M

ClientSampleId :

A46F5

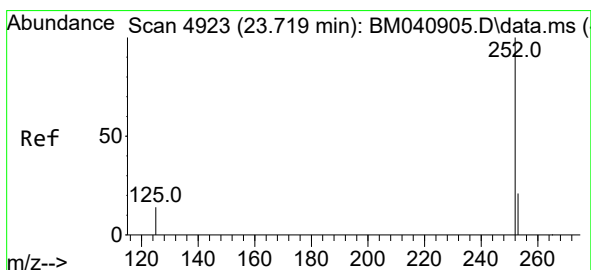
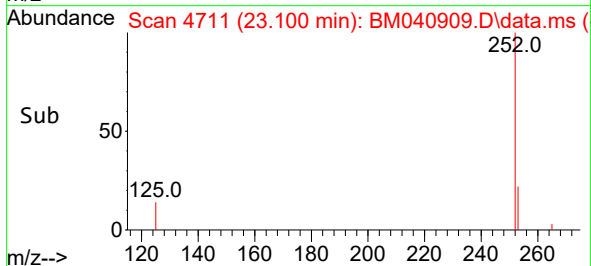
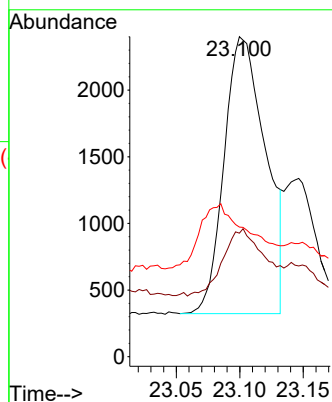
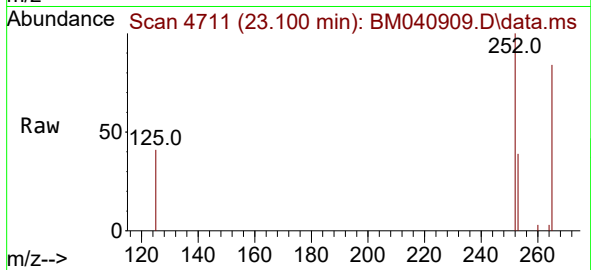
Tgt Ion:252 Resp: 4708

Ion Ratio Lower Upper

252 100

253 38.6 0.0 52.8

125 40.5 0.0 43.0



#26

Benzo(a)pyrene

Concen: 0.062 ng/ul

RT: 23.714 min Scan# 4921

Delta R.T. -0.009 min

Lab File: BM040909.D

Acq: 15 Jul 2023 17:50

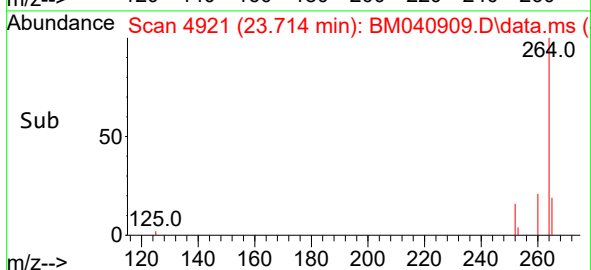
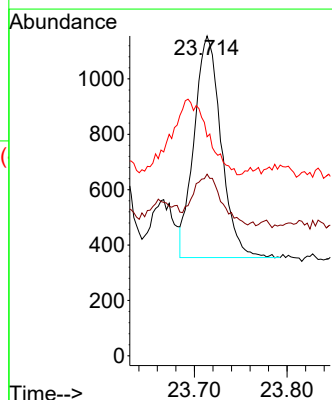
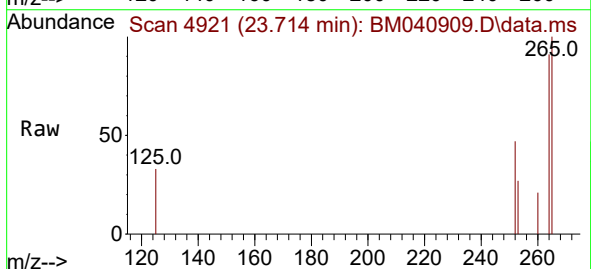
Tgt Ion:252 Resp: 1619

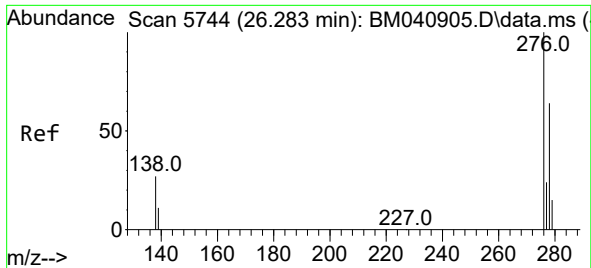
Ion Ratio Lower Upper

252 100

253 56.8 22.9 34.3#

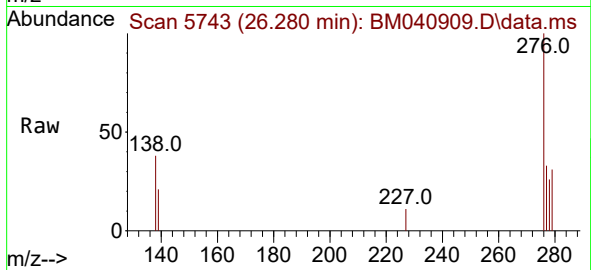
125 68.5 21.0 31.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.058 ng/ul
 RT: 26.280 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040909.D
 Acq: 15 Jul 2023 17:50

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 2112
 Ion Ratio Lower Upper
 276 100
 138 23.1 24.5 36.7#
 227 0.0 0.1 0.1#

