

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046602.D
 Acq On : 15 Jul 2024 18:50
 Operator : MA/JU
 Sample : P3035-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD0

Quant Time: Jul 16 00:24:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

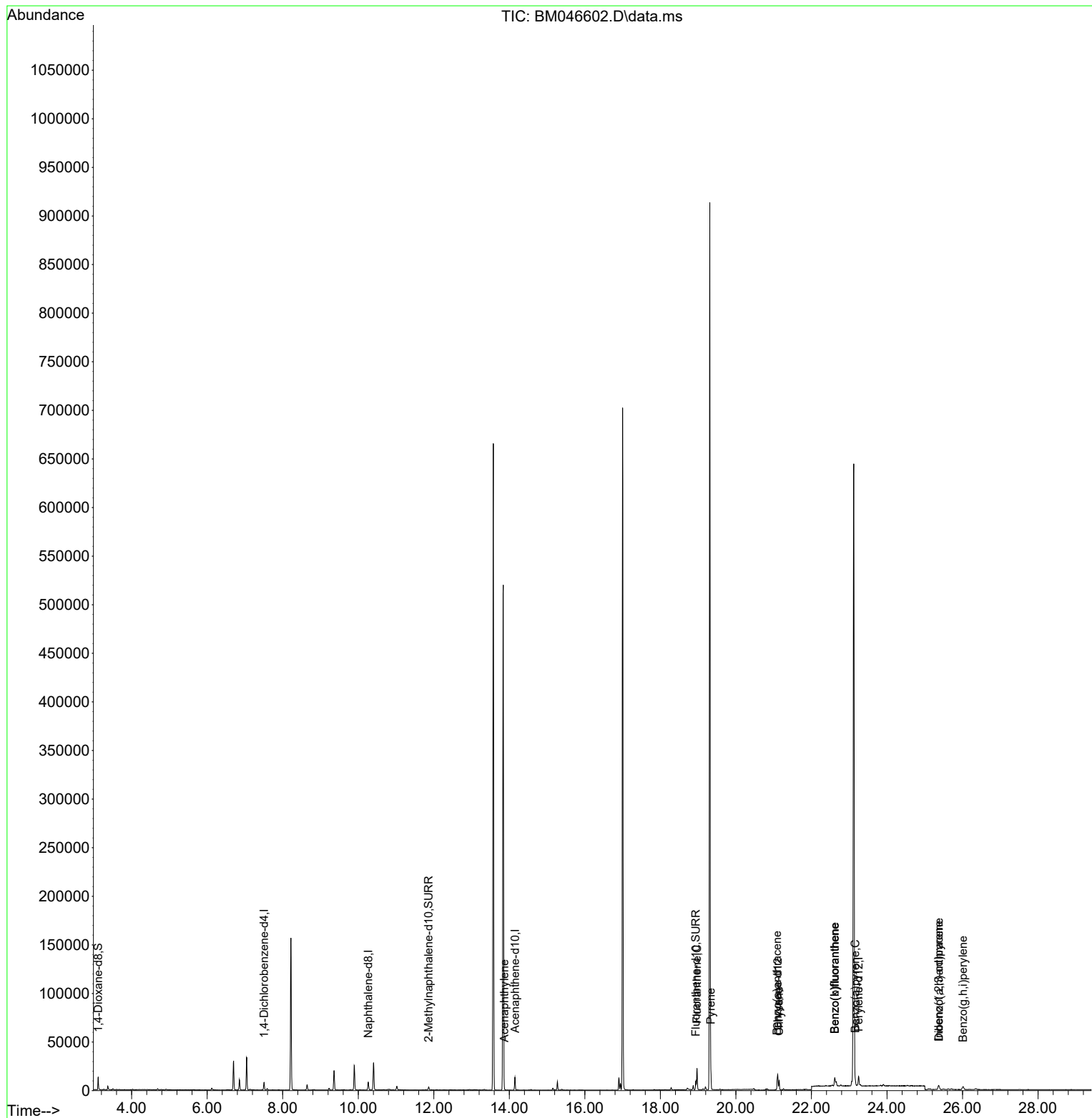
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	10412	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	7114	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.108	240	12098	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	12297	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7279	2.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	3823	0.228	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9942	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	666	0.021	ng/ul#	70
19) Fluoranthene	18.968	202	19830	0.399	ng/ul	99
20) Pyrene	19.335	202	17114	0.318	ng/ul#	98
21) Benzo(a)anthracene	21.091	228	7654	0.143	ng/ul	98
22) Chrysene	21.143	228	9315	0.180	ng/ul	98
24) Benzo(b)fluoranthene	22.616	252	17868	0.364	ng/ul	95
25) Benzo(k)fluoranthene	22.616	252	17868	0.371	ng/ul#	95
26) Benzo(a)pyrene	23.157	252	7400	0.183	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.367	276	6777	0.110	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.377	278	1599	0.033	ng/ul#	3
29) Benzo(g,h,i)perylene	26.014	276	6501	0.132	ng/ul#	91

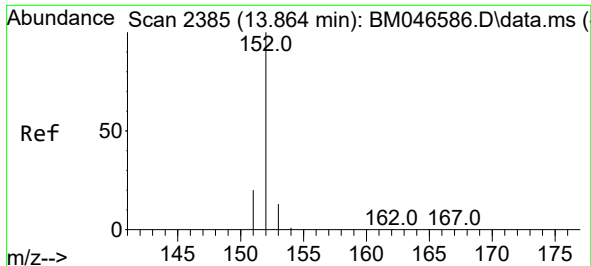
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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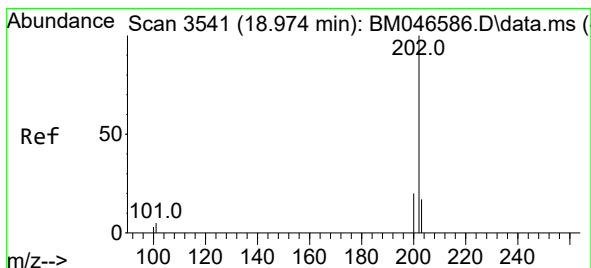
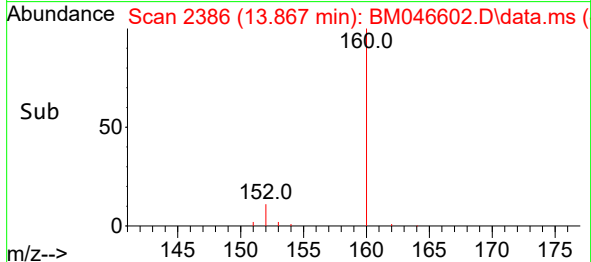
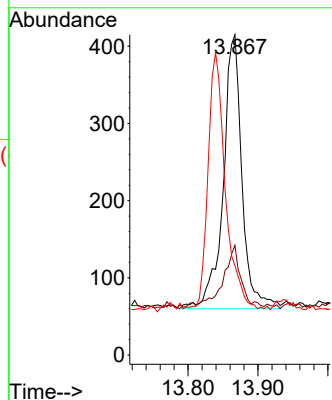
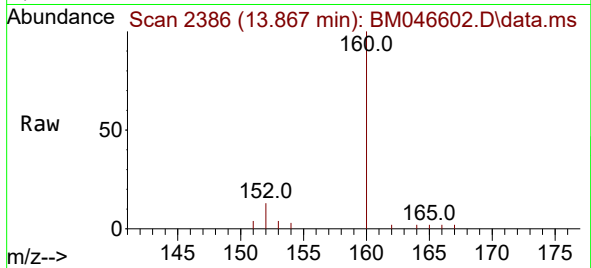




#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

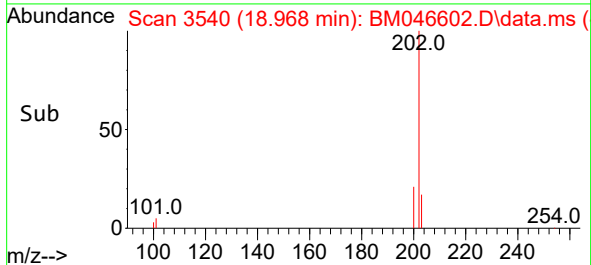
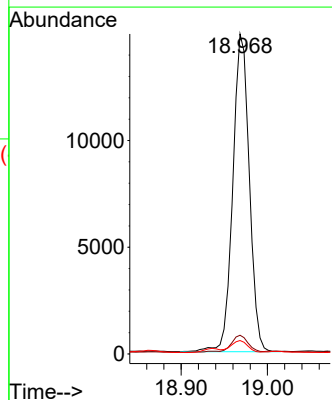
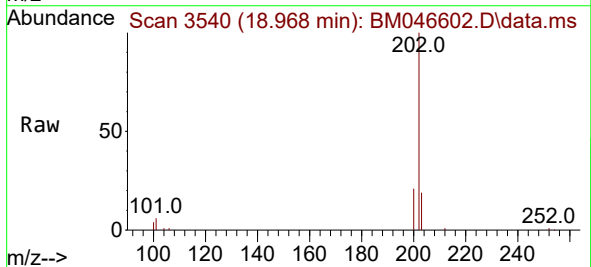
Instrument :
BNA_M
ClientSampleId :
A4CD0

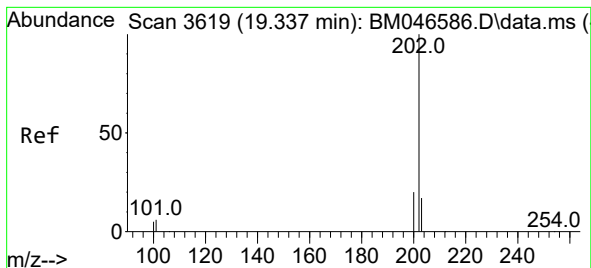
Tgt Ion:152 Resp: 666
Ion Ratio Lower Upper
152 100
151 34.2 16.4 24.6#
153 28.0 12.4 18.6#



#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 18.968 min Scan# 3540
Delta R.T. -0.002 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

Tgt Ion:202 Resp: 19830
Ion Ratio Lower Upper
202 100
101 5.9 4.6 6.8
100 4.2 3.0 4.6





#20

Pyrene

Concen: 0.318 ng/ul

RT: 19.335 min Scan# 3

Delta R.T. 0.003 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

Instrument :

BNA_M

ClientSampleId :

A4CD0

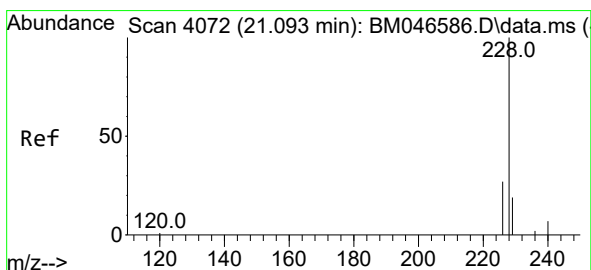
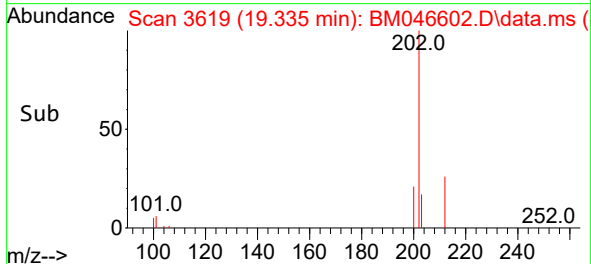
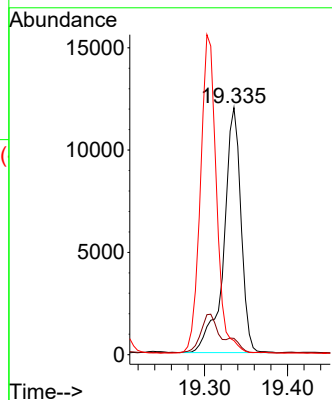
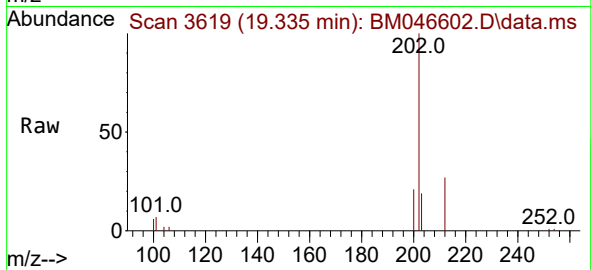
Tgt Ion:202 Resp: 17114

Ion Ratio Lower Upper

202 100

101 6.6 5.1 7.7

100 5.7 3.8 5.6#



#21

Benzo(a)anthracene

Concen: 0.143 ng/ul

RT: 21.091 min Scan# 4071

Delta R.T. 0.003 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

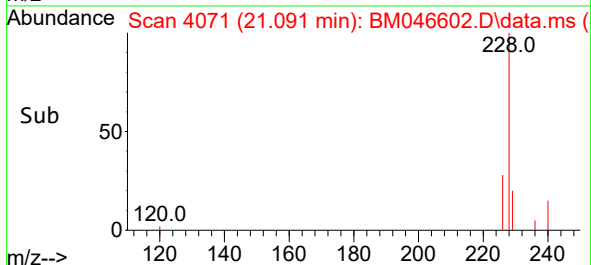
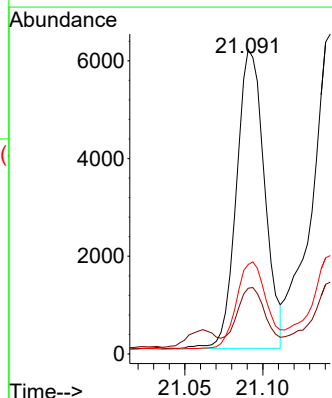
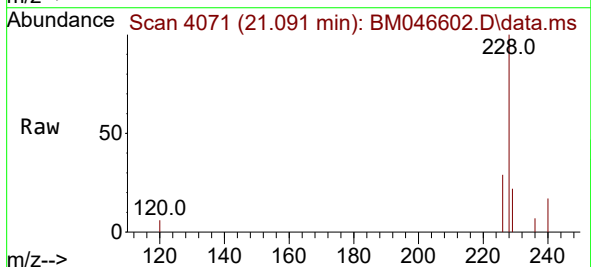
Tgt Ion:228 Resp: 7654

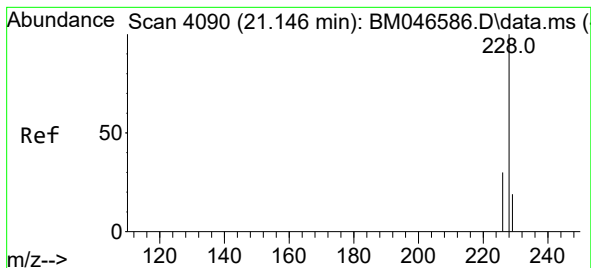
Ion Ratio Lower Upper

228 100

229 21.6 16.5 24.7

226 29.4 22.5 33.7





#22

Chrysene

Concen: 0.180 ng/ul

RT: 21.143 min Scan# 4089

Delta R.T. 0.003 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

Instrument :

BNA_M

ClientSampleId :

A4CD0

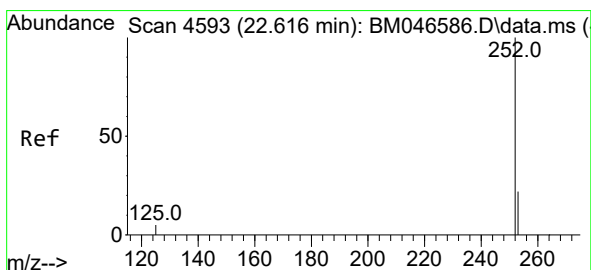
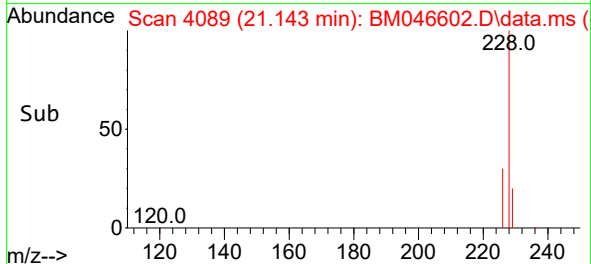
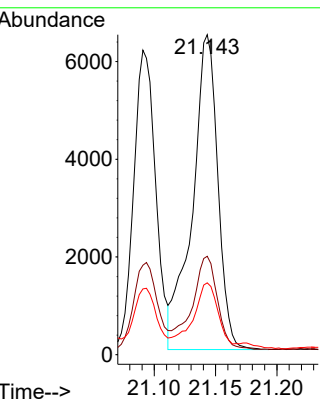
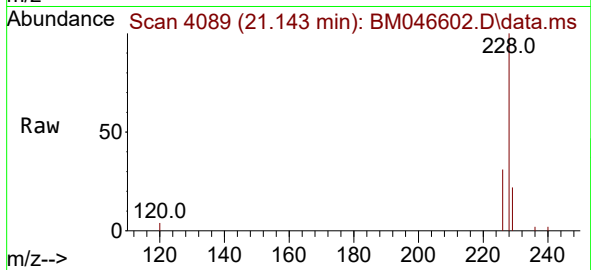
Tgt Ion:228 Resp: 9315

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 22.4 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.364 ng/ul

RT: 22.616 min Scan# 4593

Delta R.T. 0.006 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

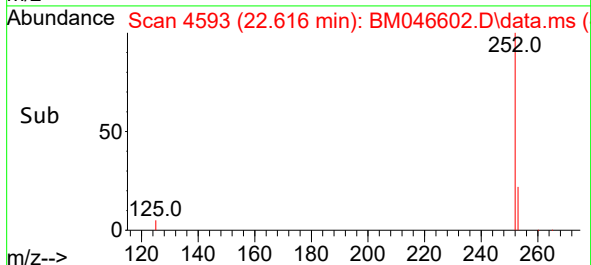
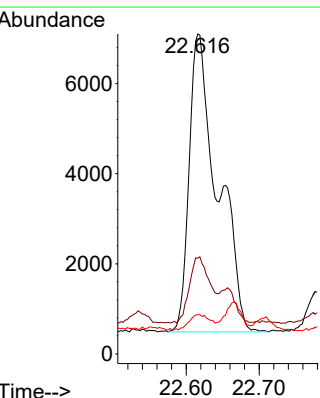
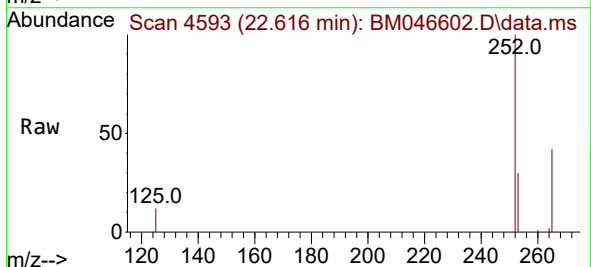
Tgt Ion:252 Resp: 17868

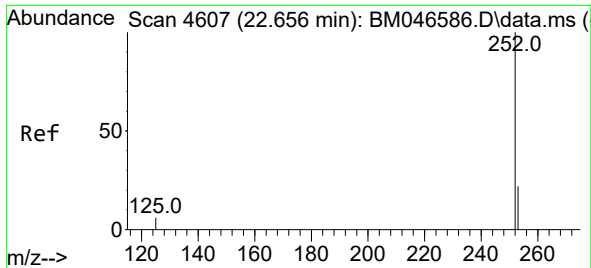
Ion Ratio Lower Upper

252 100

253 29.9 0.0 56.2

125 12.3 0.0 17.8

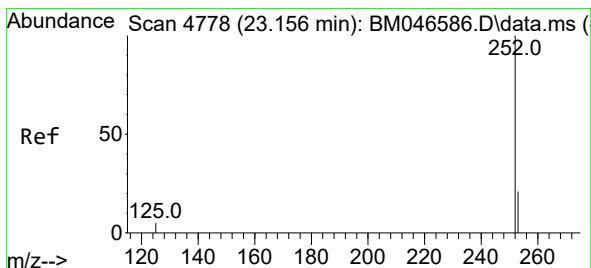
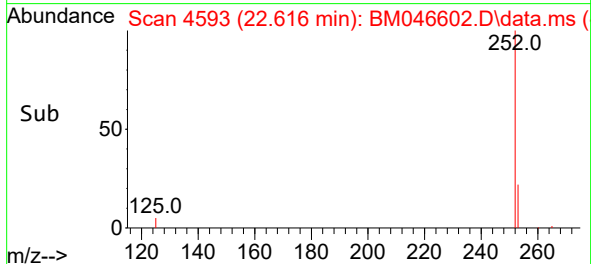
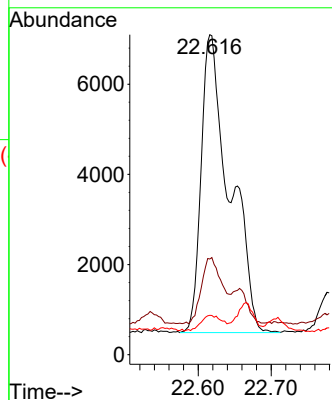
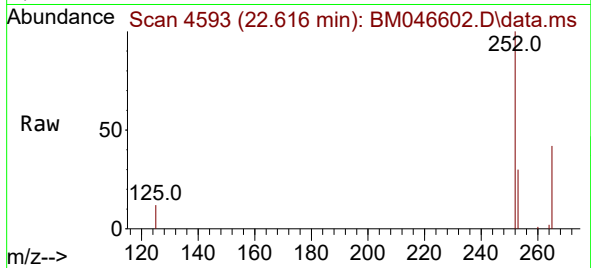




#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 22.616 min Scan# 4593
Delta R.T. -0.035 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

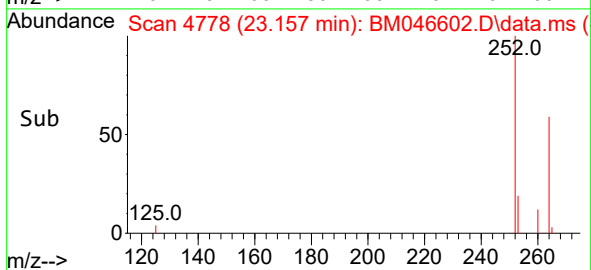
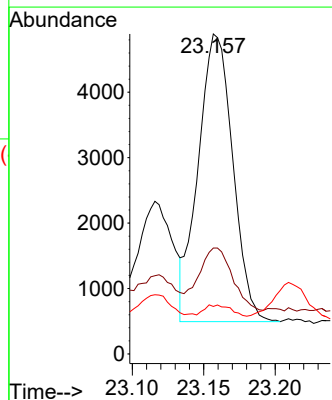
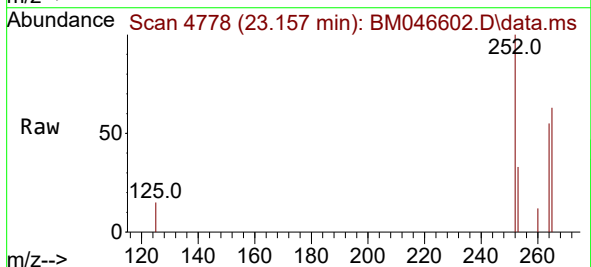
Instrument :
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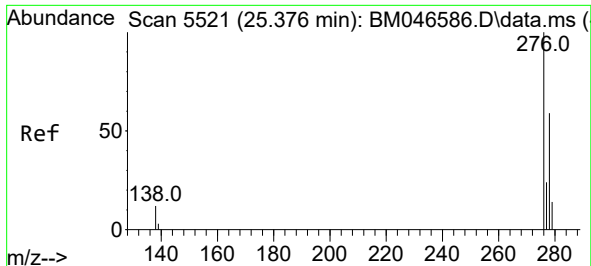
Tgt Ion:252 Resp: 17868
Ion Ratio Lower Upper
252 100
253 29.9 22.4 33.6
125 12.3 7.0 10.4#



#26
Benzo(a)pyrene
Concen: 0.183 ng/ul
RT: 23.157 min Scan# 4778
Delta R.T. 0.006 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

Tgt Ion:252 Resp: 7400
Ion Ratio Lower Upper
252 100
253 33.1 24.0 36.0
125 14.8 8.2 12.2#

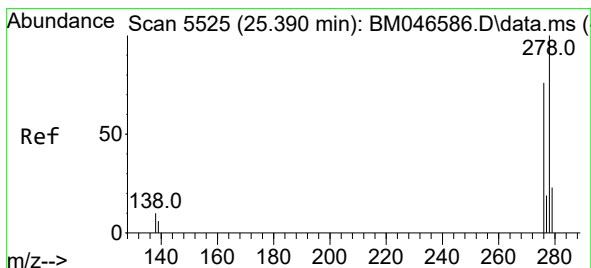
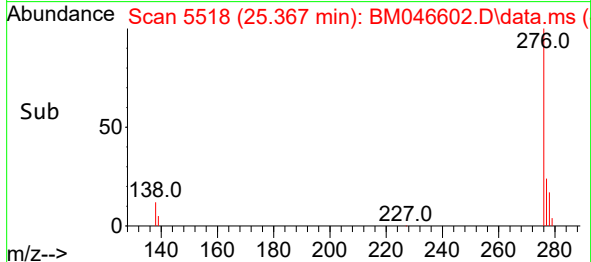
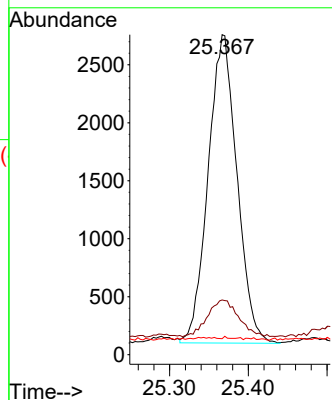
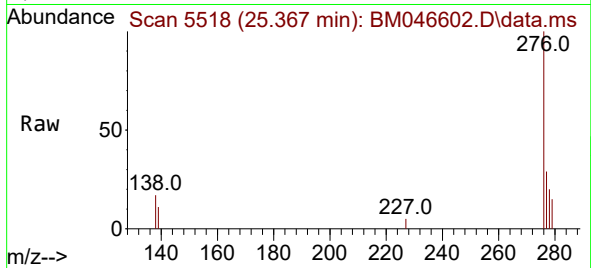




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 25.367 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

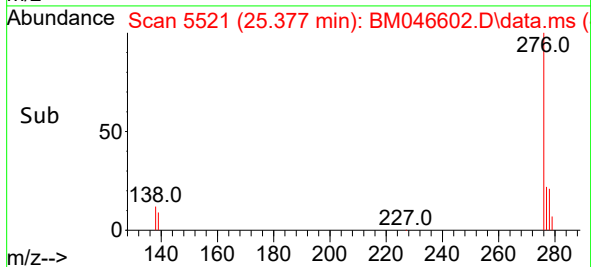
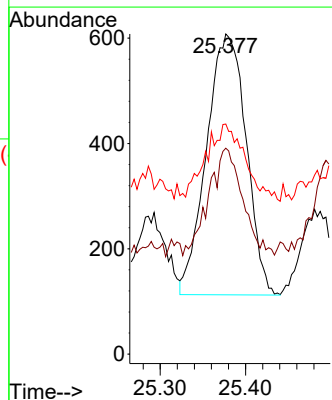
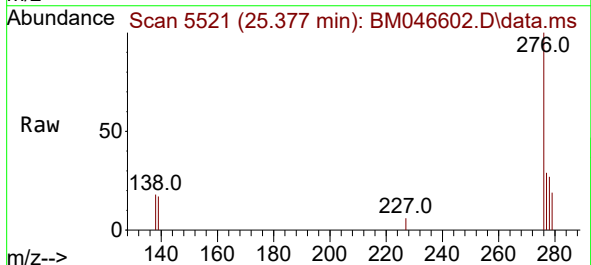
Instrument :
BNA_M
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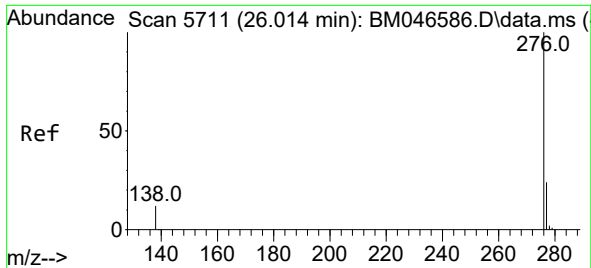
Tgt Ion:276 Resp: 6777
Ion Ratio Lower Upper
276 100
138 13.0 0.0 0.0#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.377 min Scan# 5521
Delta R.T. -0.007 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

Tgt Ion:278 Resp: 1599
Ion Ratio Lower Upper
278 100
139 64.3 9.1 13.7#
279 71.9 23.2 34.8#





#29

Benzo(g,h,i)perylene

Concen: 0.132 ng/ul

RT: 26.014 min Scan# 51

Delta R.T. 0.010 min

Lab File: BM046602.D

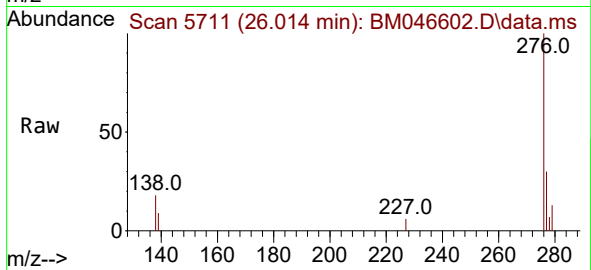
Acq: 15 Jul 2024 18:50

Instrument :

BNA_M

ClientSampleId :

A4CD0



Tgt Ion:276 Resp: 6501

Ion Ratio Lower Upper

276 100

138 17.6 10.2 15.4#

277 29.9 20.9 31.3

