

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046061.D
 Acq On : 18 Jun 2024 21:15
 Operator : MA/JU
 Sample : P2695-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK2

Quant Time: Jun 19 08:24:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

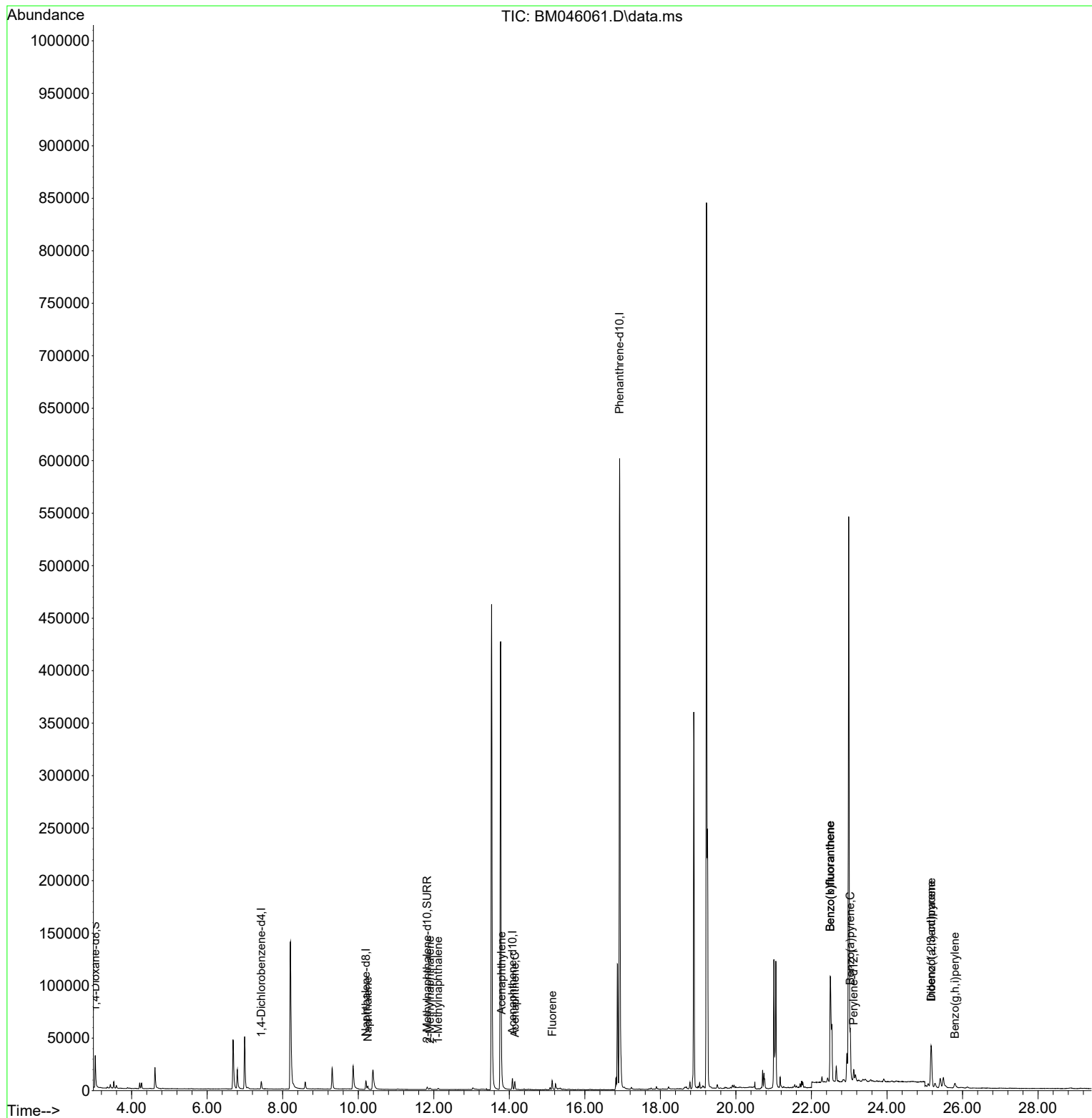
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3939	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	11186	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5990	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.920	188	734163	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.119	264	16819	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	18597	3.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	4099	0.273	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	10509	0.000	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.253	128	4433	0.142	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	1304	0.074	ng/ul	96
8) 1-Methylnaphthalene	12.117	142	1038	0.054	ng/ul	97
10) Acenaphthylene	13.797	152	8801	0.310	ng/ul	99
11) Acenaphthene	14.144	153	4495	0.219	ng/ul	97
12) Fluorene	15.134	166	5684	0.258	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	215539	3.557	ng/ul	84
25) Benzo(k)fluoranthene	22.499	252	215539	2.992	ng/ul#	82
26) Benzo(a)pyrene	23.028	252	54733	0.975	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.169	276	56569	0.616	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.172	278	17750	0.259	ng/ul	96
29) Benzo(g,h,i)perylene	25.799	276	8674	0.110	ng/ul#	85

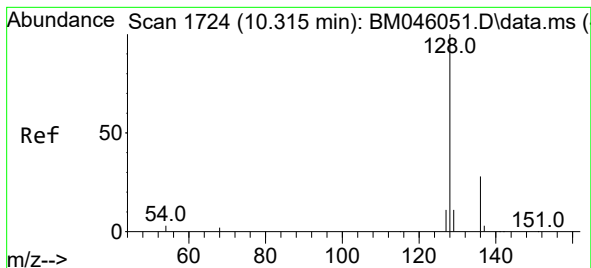
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046061.D
Acq On : 18 Jun 2024 21:15
Operator : MA/JU
Sample : P2695-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK2

Quant Time: Jun 19 08:24:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.142 ng/ul

RT: 10.253 min Scan# 1

Delta R.T. -0.050 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

Instrument :

BNA_M

ClientSampleId :

A4BK2

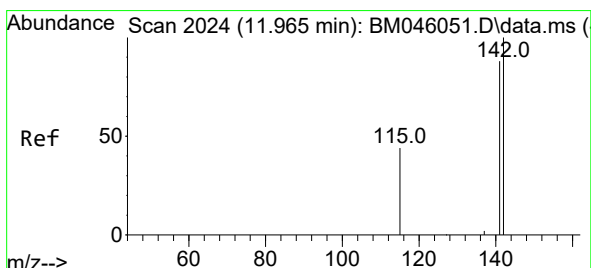
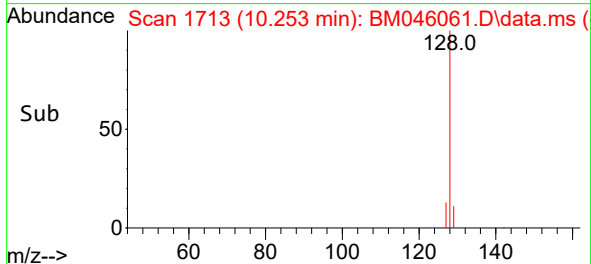
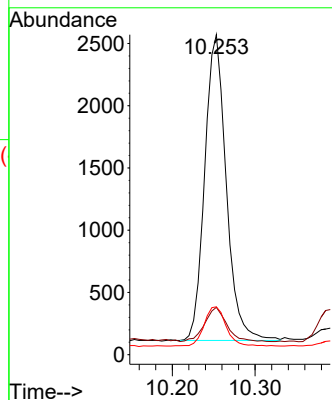
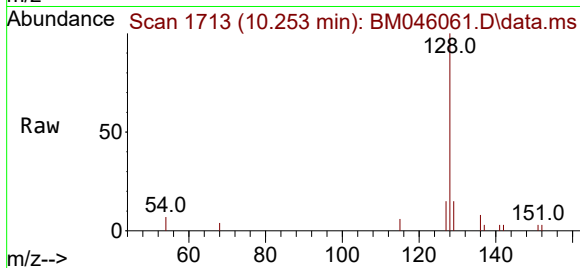
Tgt Ion:128 Resp: 4433

Ion Ratio Lower Upper

128 100

129 14.8 11.8 17.6

127 14.9 12.8 19.2



#7

2-Methylnaphthalene

Concen: 0.074 ng/ul

RT: 11.903 min Scan# 2013

Delta R.T. -0.044 min

Lab File: BM046061.D

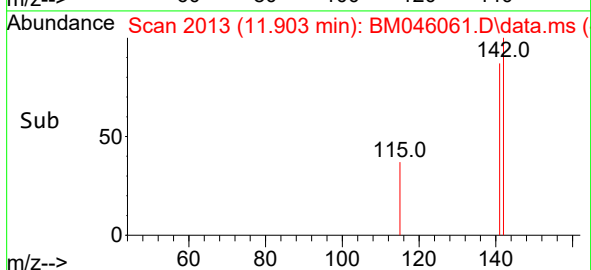
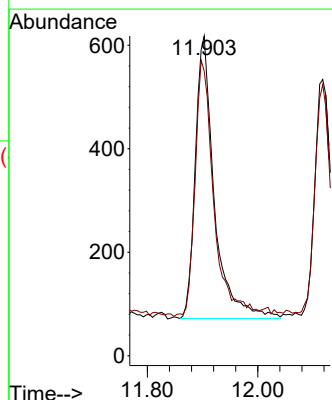
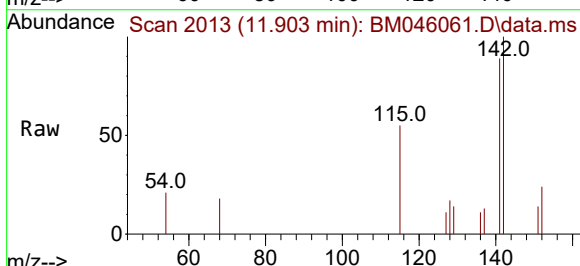
Acq: 18 Jun 2024 21:15

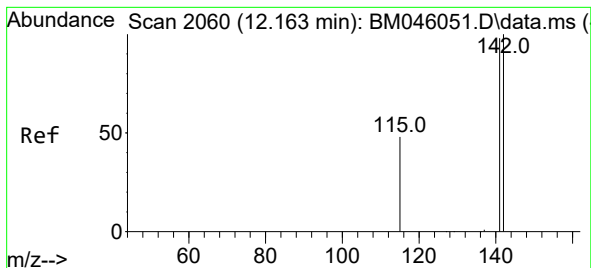
Tgt Ion:142 Resp: 1304

Ion Ratio Lower Upper

142 100

141 89.1 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.117 min Scan# 2060

Delta R.T. -0.033 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

Instrument :

BNA_M

ClientSampleId :

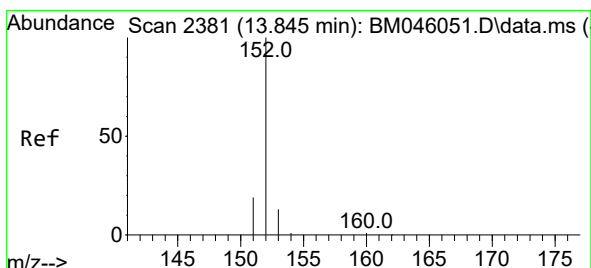
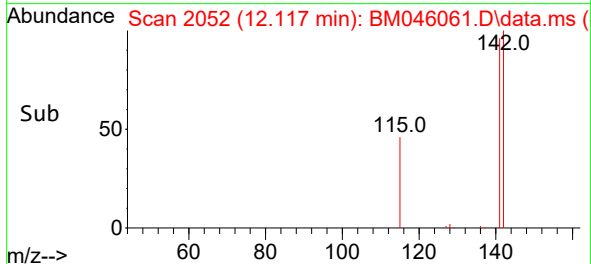
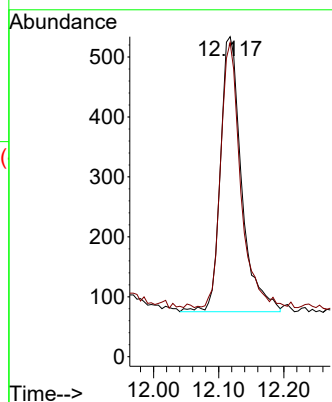
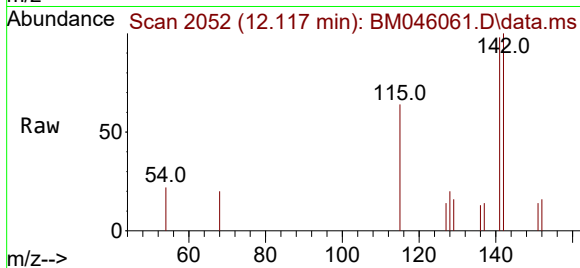
A4BK2

Tgt Ion:142 Resp: 1038

Ion Ratio Lower Upper

142 100

141 91.5 75.2 112.8



#10

Acenaphthylene

Concen: 0.310 ng/ul

RT: 13.797 min Scan# 2371

Delta R.T. -0.037 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

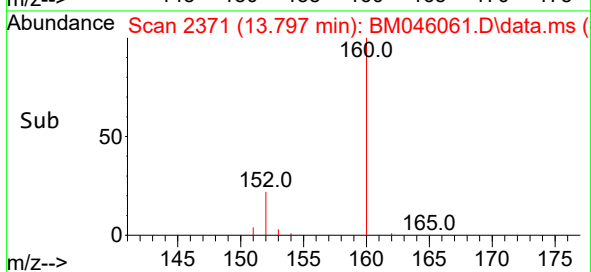
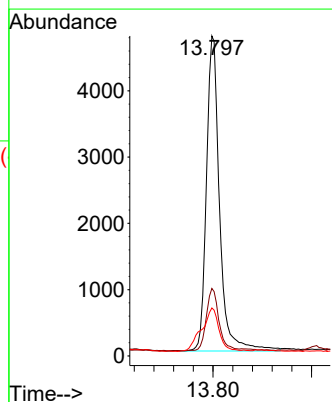
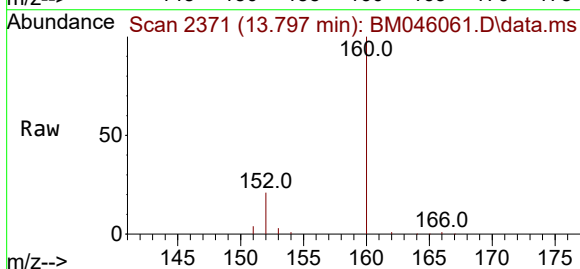
Tgt Ion:152 Resp: 8801

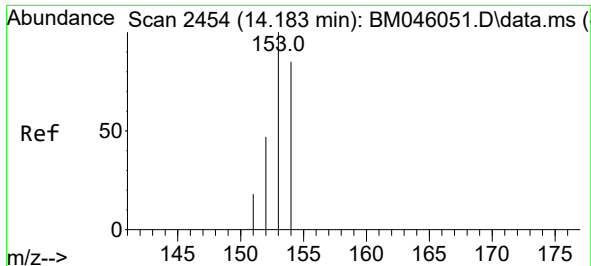
Ion Ratio Lower Upper

152 100

151 21.1 17.4 26.2

153 15.0 11.8 17.8

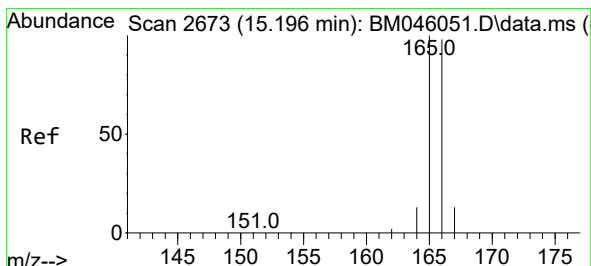
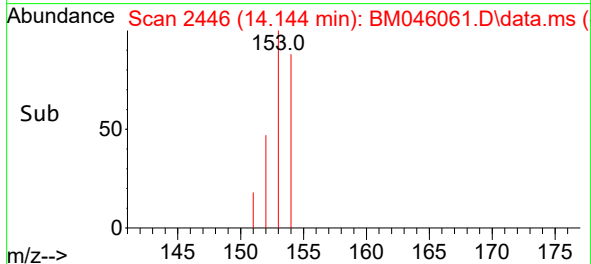
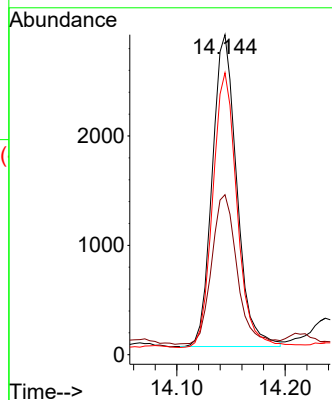
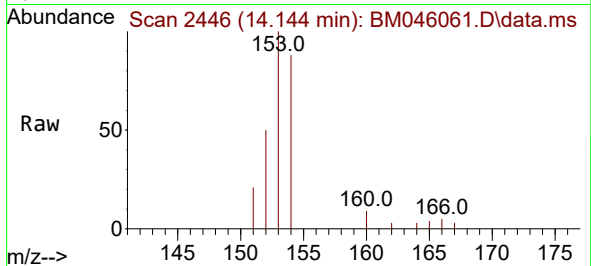




#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.144 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

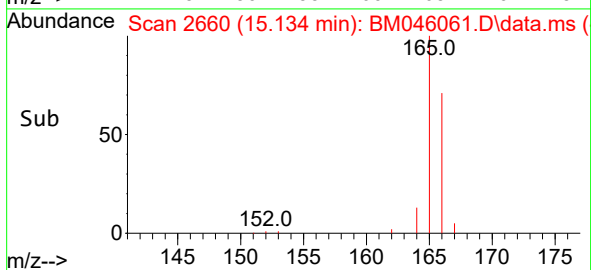
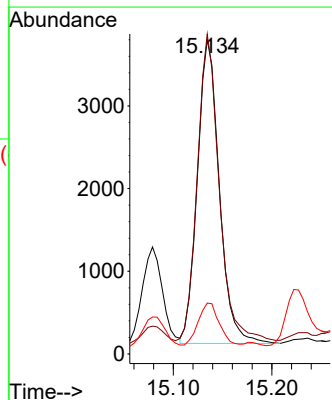
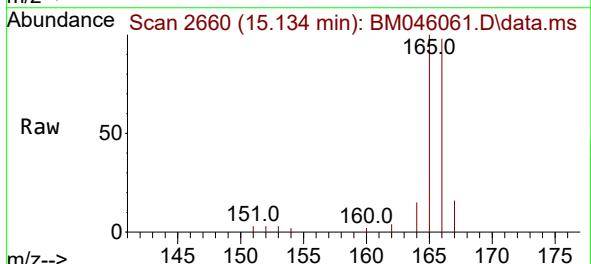
Instrument :
BNA_M
ClientSampleId :
A4BK2

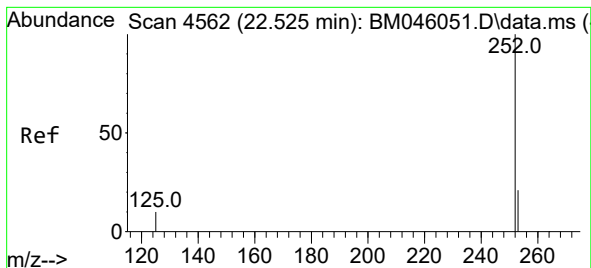
Tgt Ion:153 Resp: 4495
Ion Ratio Lower Upper
153 100
152 50.0 41.3 61.9
154 88.1 68.2 102.4



#12
Fluorene
Concen: 0.258 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Tgt Ion:166 Resp: 5684
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 16.2 12.4 18.6





#24

Benzo(b)fluoranthene

Concen: 3.557 ng/ul

RT: 22.499 min Scan# 4

Delta R.T. -0.021 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

Instrument :

BNA_M

ClientSampleId :

A4BK2

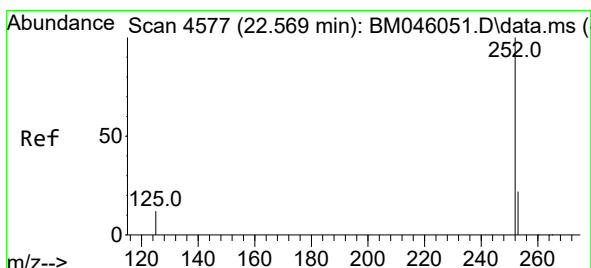
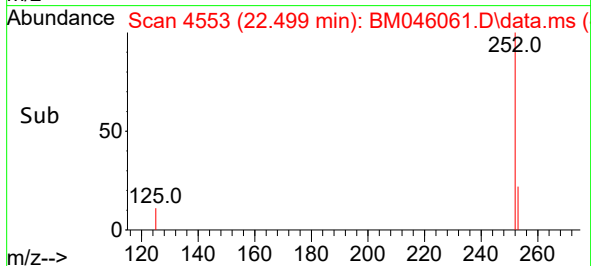
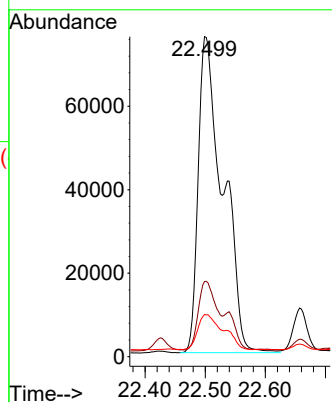
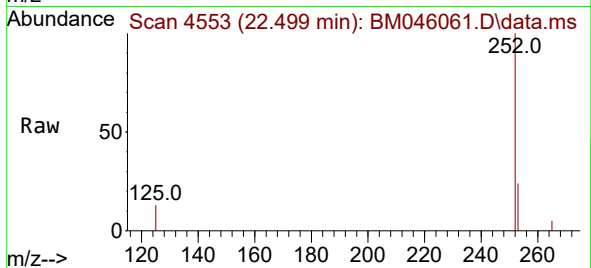
Tgt Ion:252 Resp: 215539

Ion Ratio Lower Upper

252 100

253 23.5 0.0 65.8

125 13.2 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 2.992 ng/ul

RT: 22.499 min Scan# 4553

Delta R.T. -0.064 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

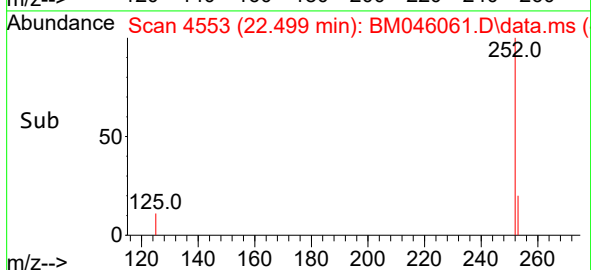
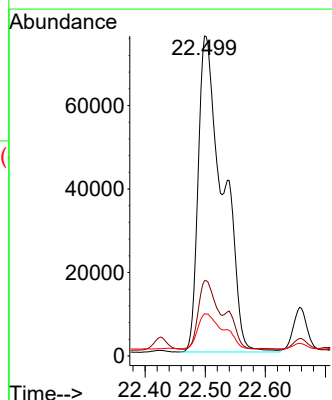
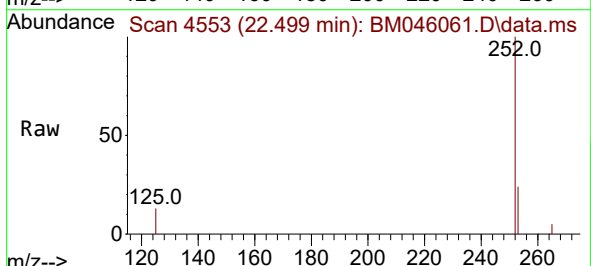
Tgt Ion:252 Resp: 215539

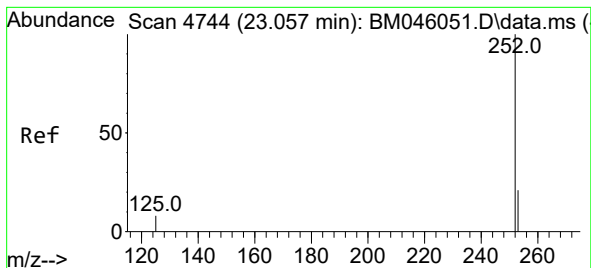
Ion Ratio Lower Upper

252 100

253 23.5 27.2 40.8#

125 13.2 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.975 ng/ul

RT: 23.028 min Scan# 41

Delta R.T. -0.026 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

Instrument :

BNA_M

ClientSampleId :

A4BK2

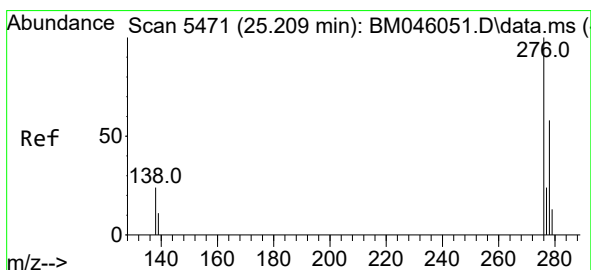
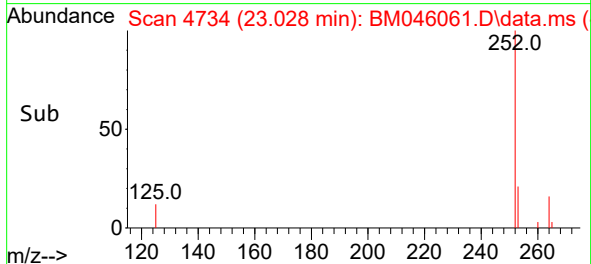
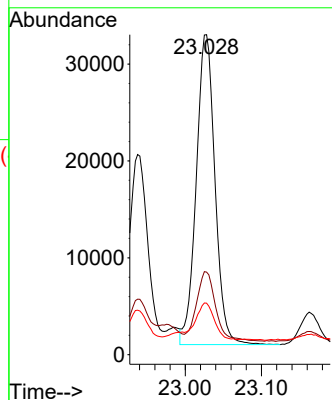
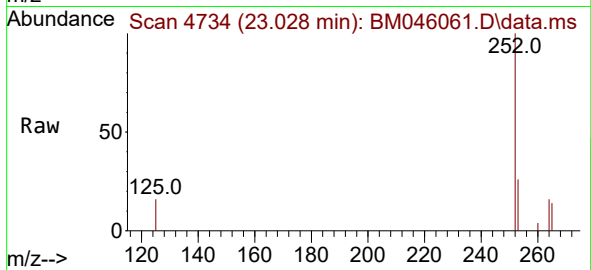
Tgt Ion:252 Resp: 54733

Ion Ratio Lower Upper

252 100

253 25.8 32.1 48.1#

125 16.1 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.616 ng/ul

RT: 25.169 min Scan# 5459

Delta R.T. -0.034 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

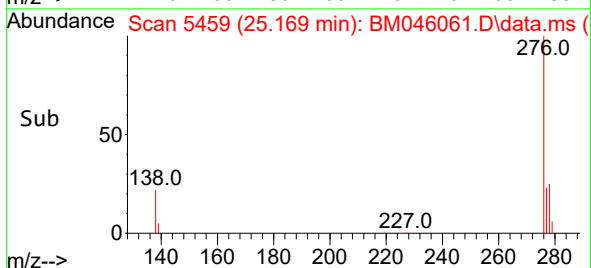
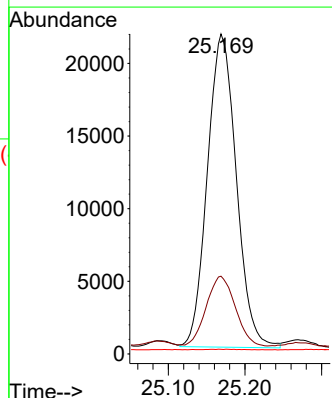
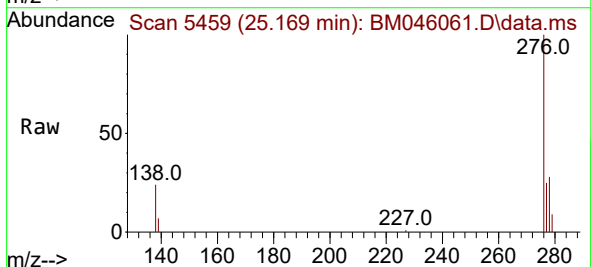
Tgt Ion:276 Resp: 56569

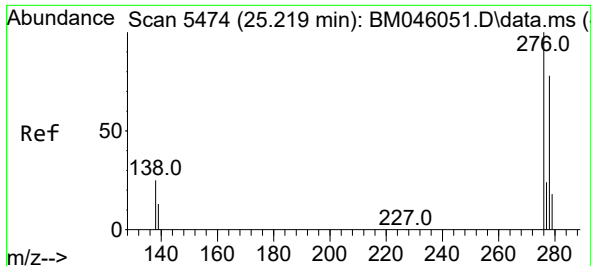
Ion Ratio Lower Upper

276 100

138 22.3 21.0 31.4

227 0.3 0.0 0.0#

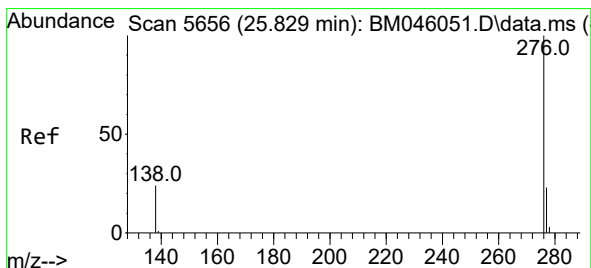
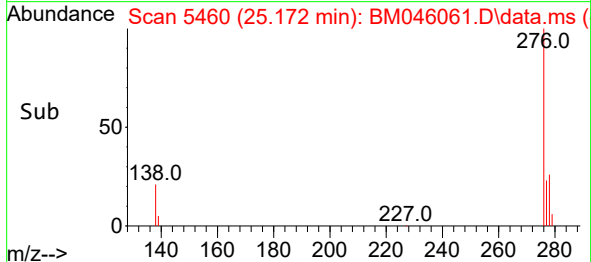
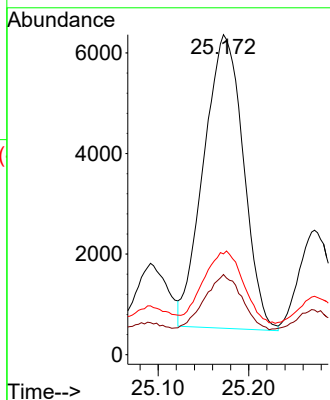
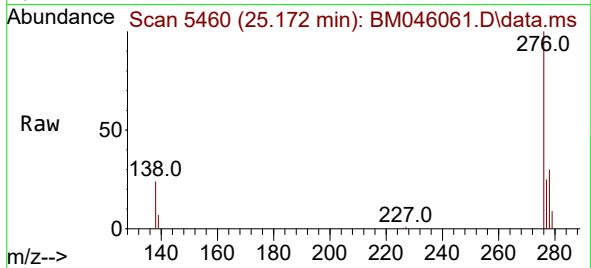




#28
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Instrument :
BNA_M
ClientSampleId :
A4BK2

Tgt Ion:278 Resp: 17750
Ion Ratio Lower Upper
278 100
139 25.0 17.6 26.4
279 31.5 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Tgt Ion:276 Resp: 8674
Ion Ratio Lower Upper
276 100
138 34.6 21.7 32.5#
277 33.1 20.4 30.6#

