

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046058.D
 Acq On : 18 Jun 2024 19:25
 Operator : MA/JU
 Sample : P2695-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8

Quant Time: Jun 19 08:23:39 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)

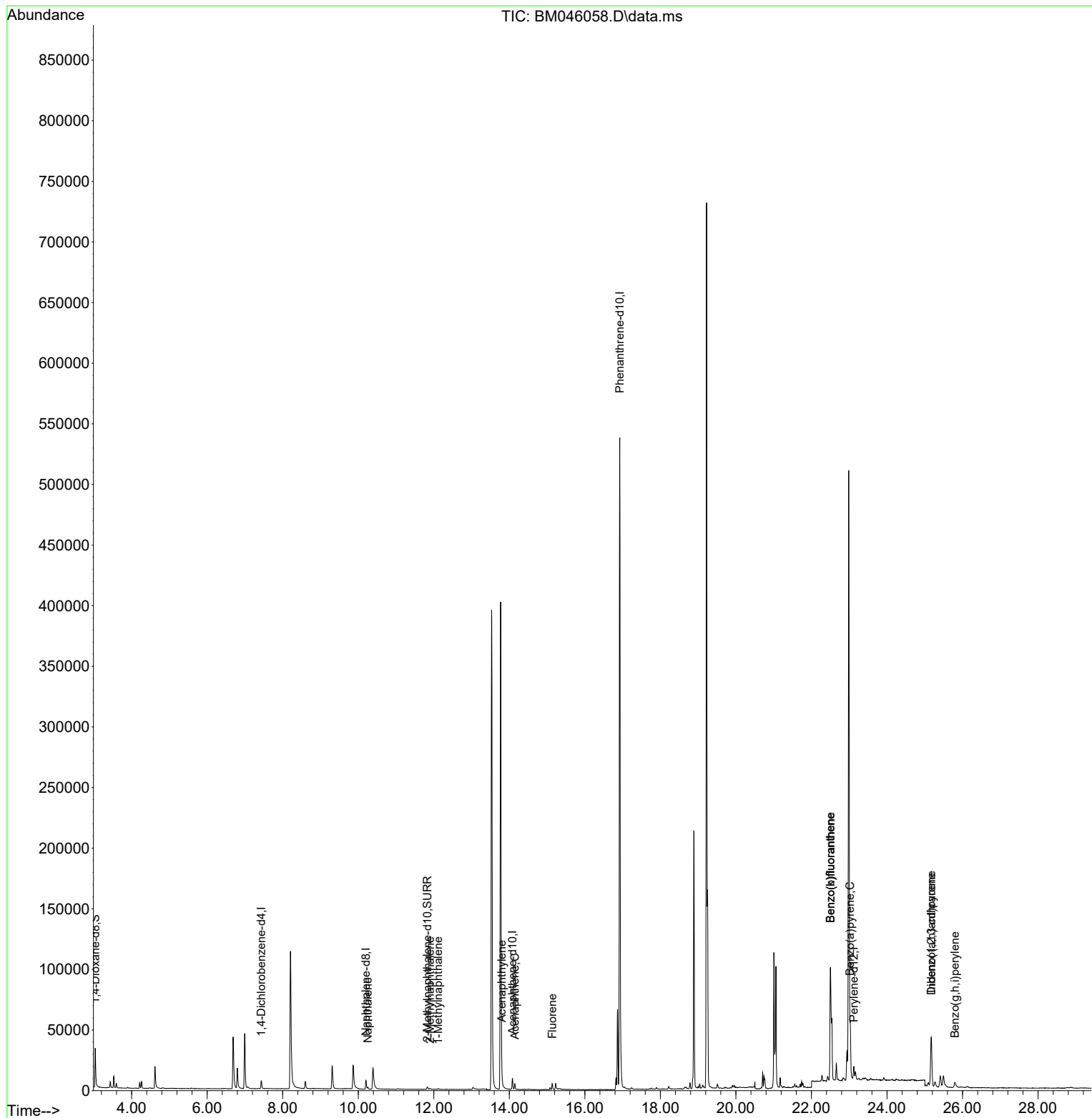
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3558	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	10100	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5320	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.925	188	640658	0.400	ng/ul	# 0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.122	264	16019	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	19574	4.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3815	0.281	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	9003	0.000	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	2274	0.081	ng/ul#	93
7) 2-Methylnaphthalene	11.903	142	720	0.045	ng/ul	95
8) 1-Methylnaphthalene	12.118	142	579	0.033	ng/ul	99
10) Acenaphthylene	13.802	152	4845	0.192	ng/ul	99
11) Acenaphthene	14.145	153	2883	0.158	ng/ul	99
12) Fluorene	15.135	166	3457	0.177	ng/ul	100
24) Benzo(b)fluoranthene	22.502	252	194751	3.374	ng/ul	84
25) Benzo(k)fluoranthene	22.502	252	194751	2.838	ng/ul#	83
26) Benzo(a)pyrene	23.025	252	51907	0.971	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.172	276	54627	0.624	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.176	278	17495	0.268	ng/ul	97
29) Benzo(g,h,i)perylene	25.799	276	8261	0.110	ng/ul#	85

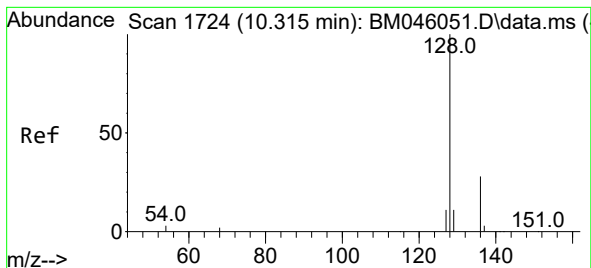
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.081 ng/ul

RT: 10.253 min Scan# 1

Delta R.T. -0.049 min

Lab File: BM046058.D

Acq: 18 Jun 2024 19:25

Instrument :

BNA_M

ClientSampleId :

A4BJ8

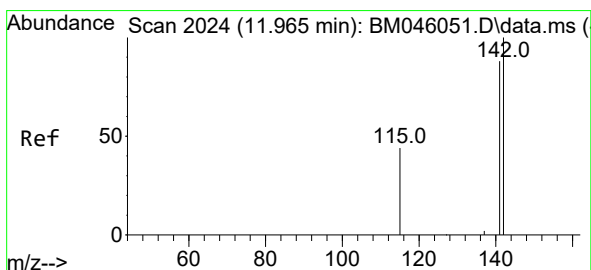
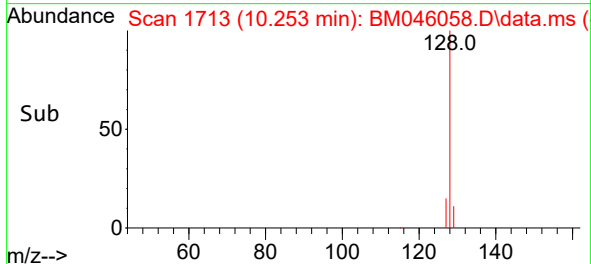
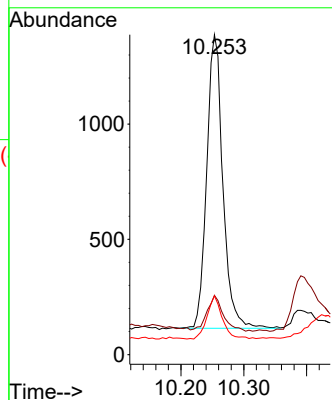
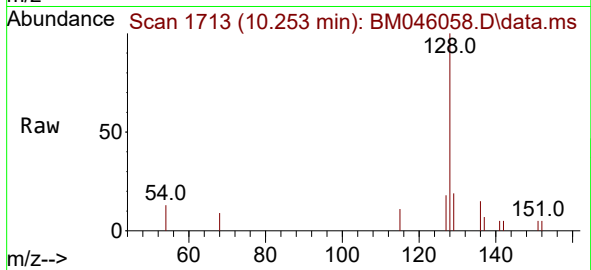
Tgt Ion:128 Resp: 2274

Ion Ratio Lower Upper

128 100

129 18.5 11.8 17.6#

127 18.4 12.8 19.2



#7

2-Methylnaphthalene

Concen: 0.045 ng/ul

RT: 11.903 min Scan# 2013

Delta R.T. -0.044 min

Lab File: BM046058.D

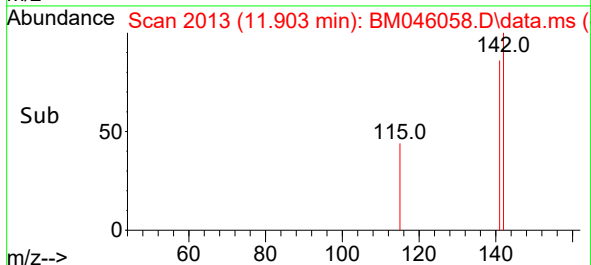
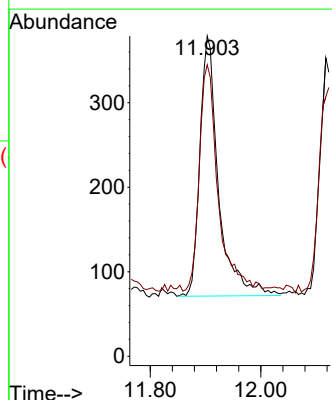
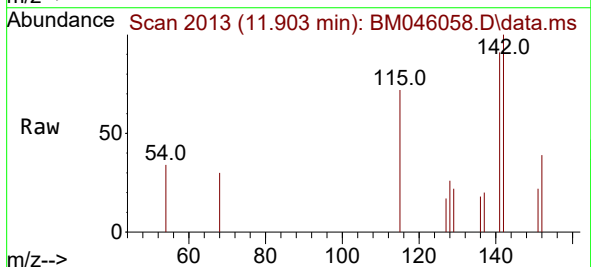
Acq: 18 Jun 2024 19:25

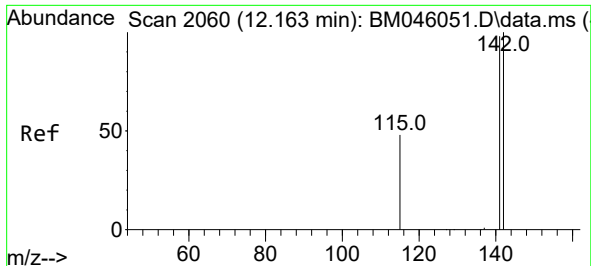
Tgt Ion:142 Resp: 720

Ion Ratio Lower Upper

142 100

141 88.8 74.6 111.8

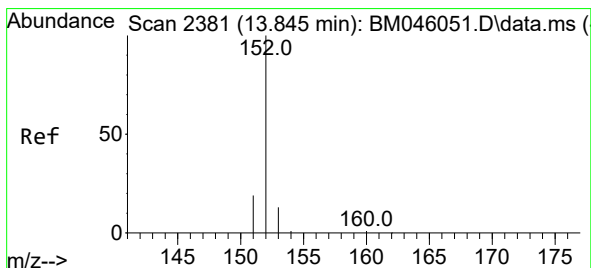
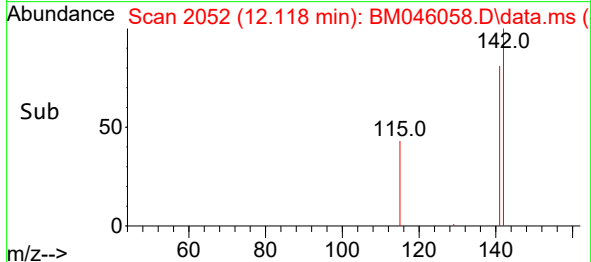
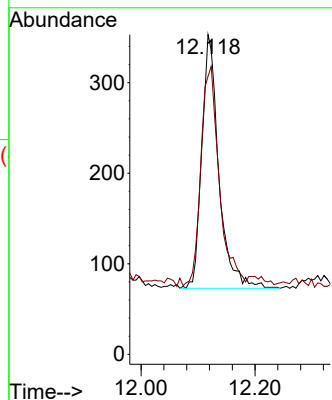
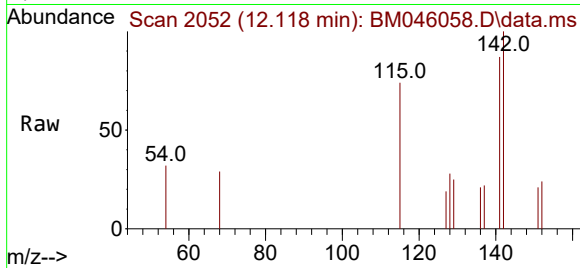




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

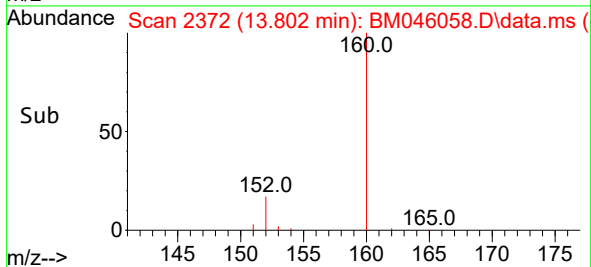
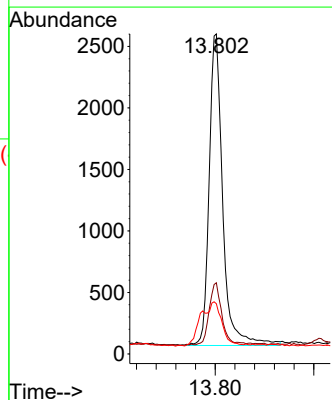
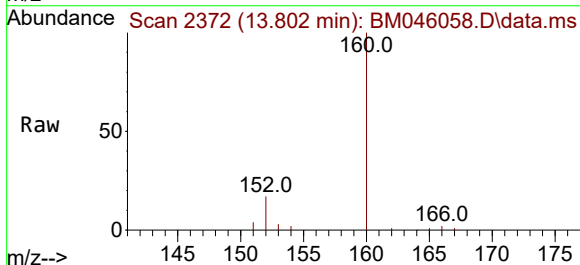
Instrument :
BNA_M
ClientSampleId :
A4BJ8

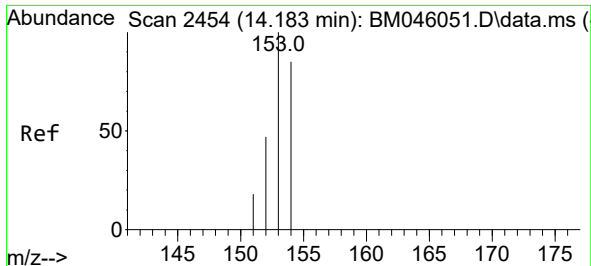
Tgt Ion:142 Resp: 579
Ion Ratio Lower Upper
142 100
141 92.7 75.2 112.8



#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 13.802 min Scan# 2372
Delta R.T. -0.032 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

Tgt Ion:152 Resp: 4845
Ion Ratio Lower Upper
152 100
151 22.3 17.4 26.2
153 15.7 11.8 17.8

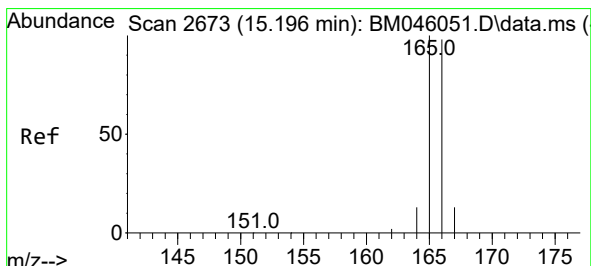
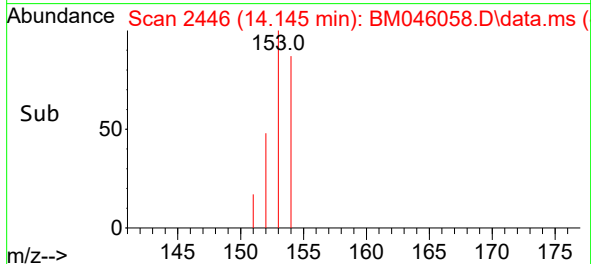
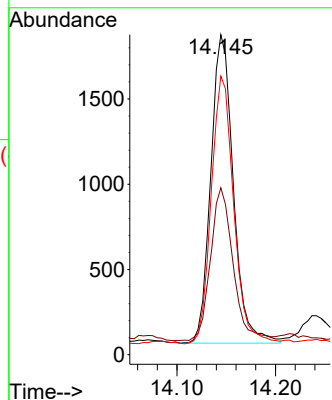
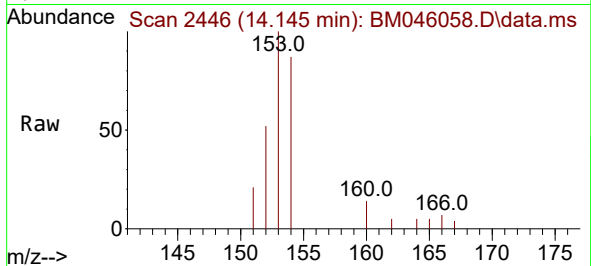




#11
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

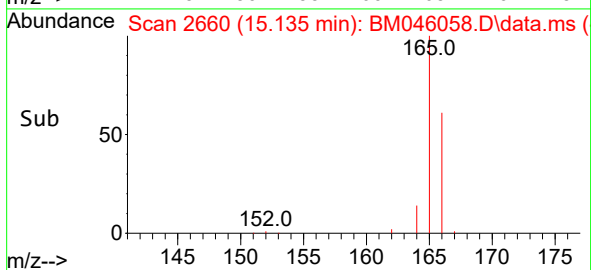
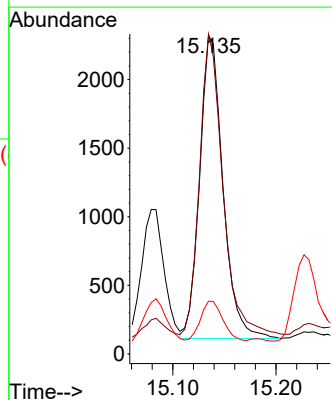
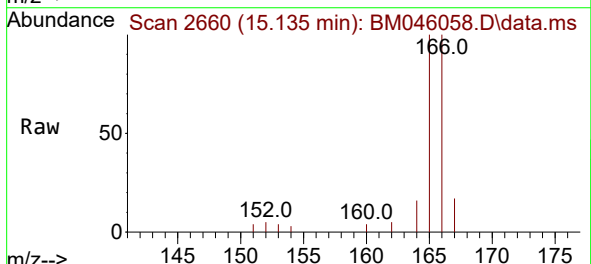
Instrument :
BNA_M
ClientSampleId :
A4BJ8

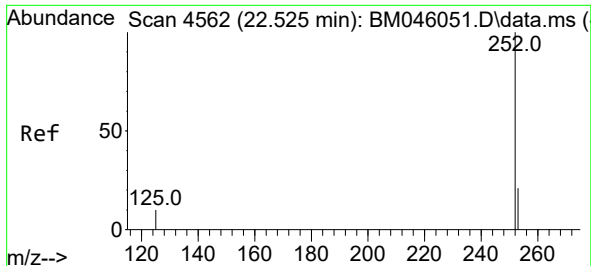
Tgt Ion:153 Resp: 2883
Ion Ratio Lower Upper
153 100
152 52.2 41.3 61.9
154 87.1 68.2 102.4



#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

Tgt Ion:166 Resp: 3457
Ion Ratio Lower Upper
166 100
165 100.4 80.4 120.6
167 16.6 12.4 18.6

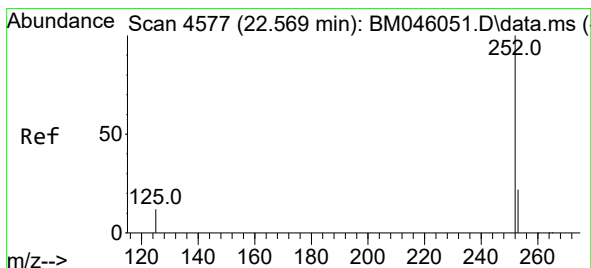
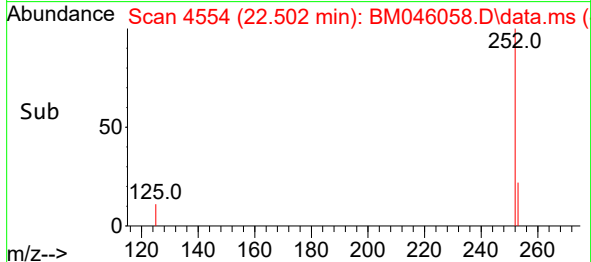
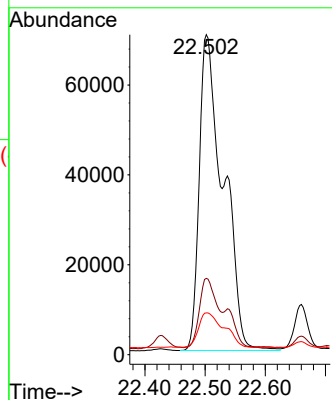
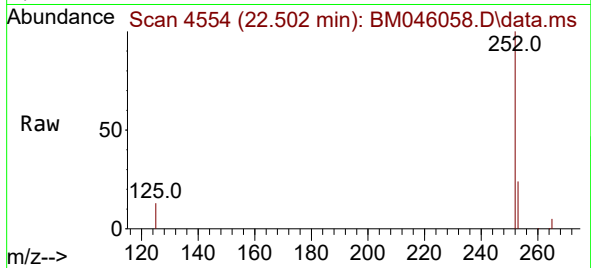




#24
Benzo(b)fluoranthene
Concen: 3.374 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.017 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

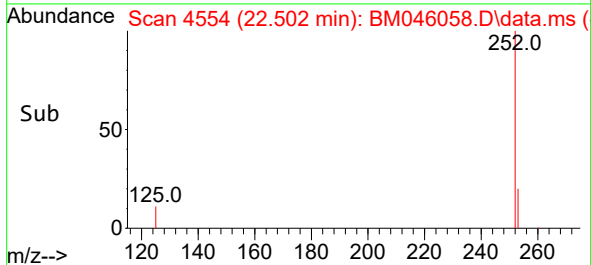
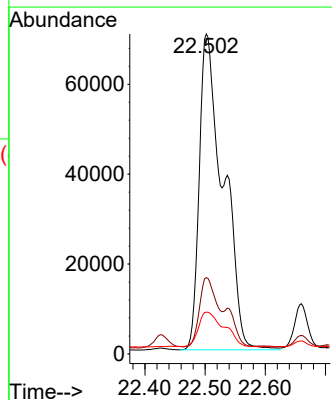
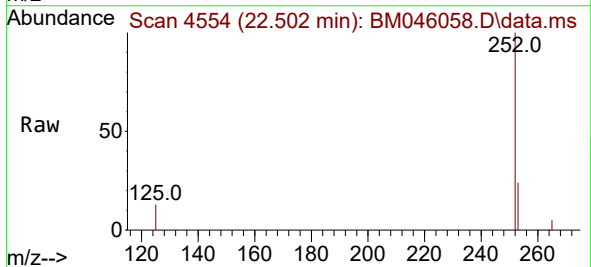
Instrument :
BNA_M
ClientSampleId :
A4BJ8

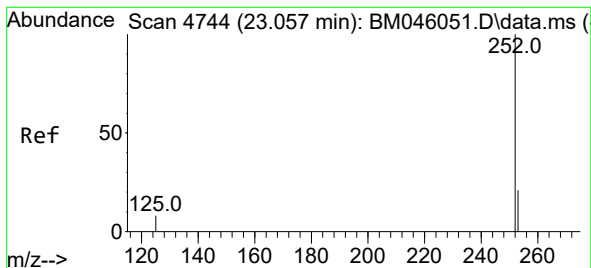
Tgt Ion:252 Resp: 194751
Ion Ratio Lower Upper
252 100
253 23.9 0.0 65.8
125 13.1 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 2.838 ng/ul
RT: 22.502 min Scan# 4554
Delta R.T. -0.061 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

Tgt Ion:252 Resp: 194751
Ion Ratio Lower Upper
252 100
253 23.9 27.2 40.8#
125 13.1 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.971 ng/ul

RT: 23.025 min Scan# 4733

Delta R.T. -0.029 min

Lab File: BM046058.D

Acq: 18 Jun 2024 19:25

Instrument :

BNA_M

ClientSampleId :

A4BJ8

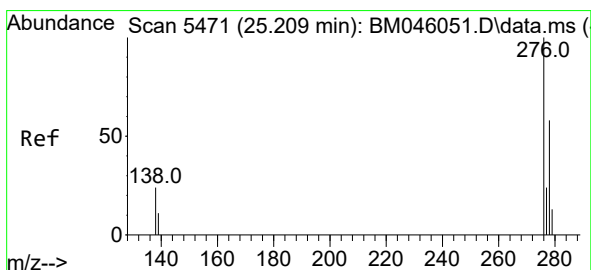
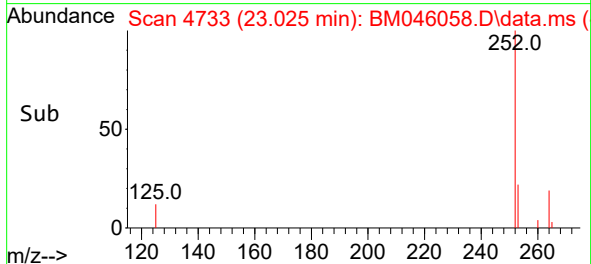
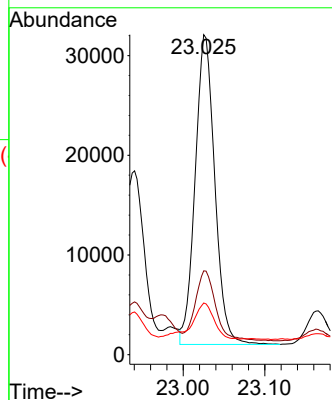
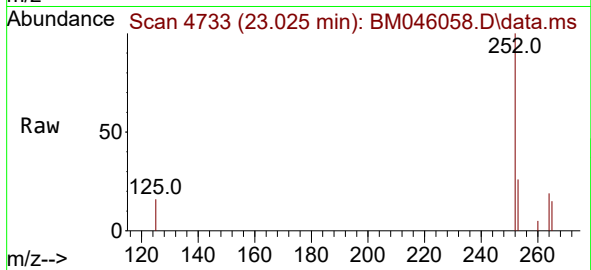
Tgt Ion:252 Resp: 51907

Ion Ratio Lower Upper

252 100

253 26.2 32.1 48.1#

125 16.2 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.624 ng/ul

RT: 25.172 min Scan# 5460

Delta R.T. -0.030 min

Lab File: BM046058.D

Acq: 18 Jun 2024 19:25

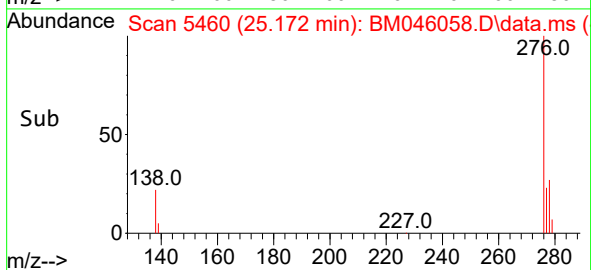
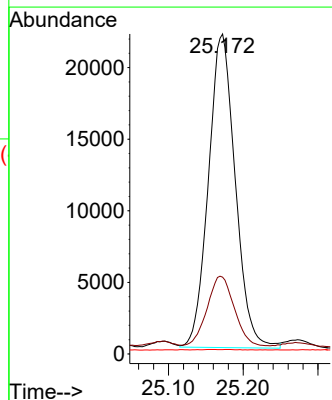
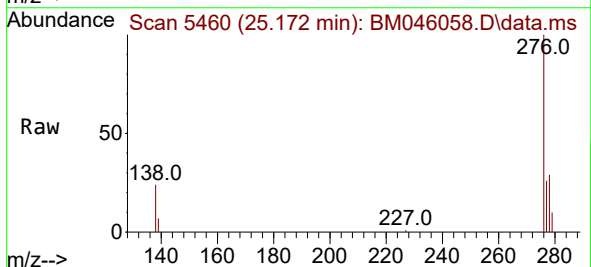
Tgt Ion:276 Resp: 54627

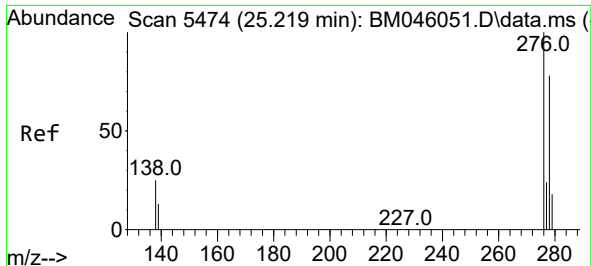
Ion Ratio Lower Upper

276 100

138 22.6 21.0 31.4

227 0.1 0.0 0.0#

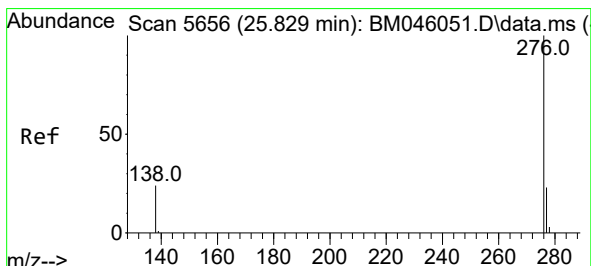
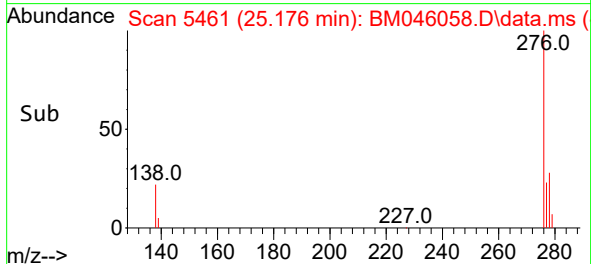
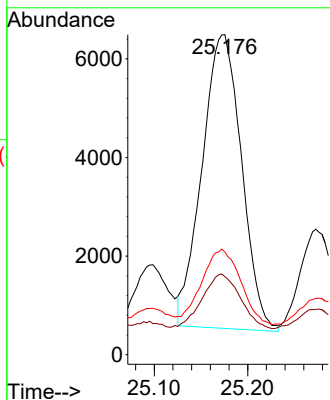
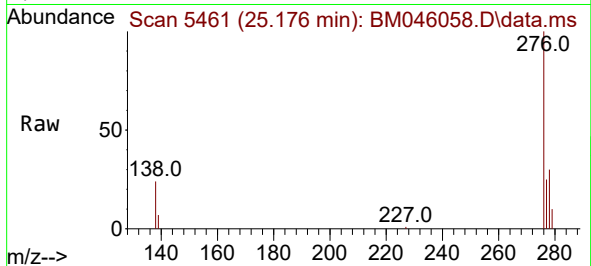




#28
Dibenzo(a,h)anthracene
Concen: 0.268 ng/ul
RT: 25.176 min Scan# 54
Delta R.T. -0.040 min
Lab File: BM046058.D
Acq: 18 Jun 2024 19:25

Instrument :
BNA_M
ClientSampleId :
A4BJ8

Tgt Ion:278 Resp: 17495
Ion Ratio Lower Upper
278 100
139 24.3 17.6 26.4
279 32.1 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: BM046058.D
Acq: 18 Jun 2024 19:25

Tgt Ion:276 Resp: 8261
Ion Ratio Lower Upper
276 100
138 35.9 21.7 32.5#
277 32.0 20.4 30.6#

