

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046057.D
 Acq On : 18 Jun 2024 18:48
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Quant Time: Jun 19 08:23:28 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)

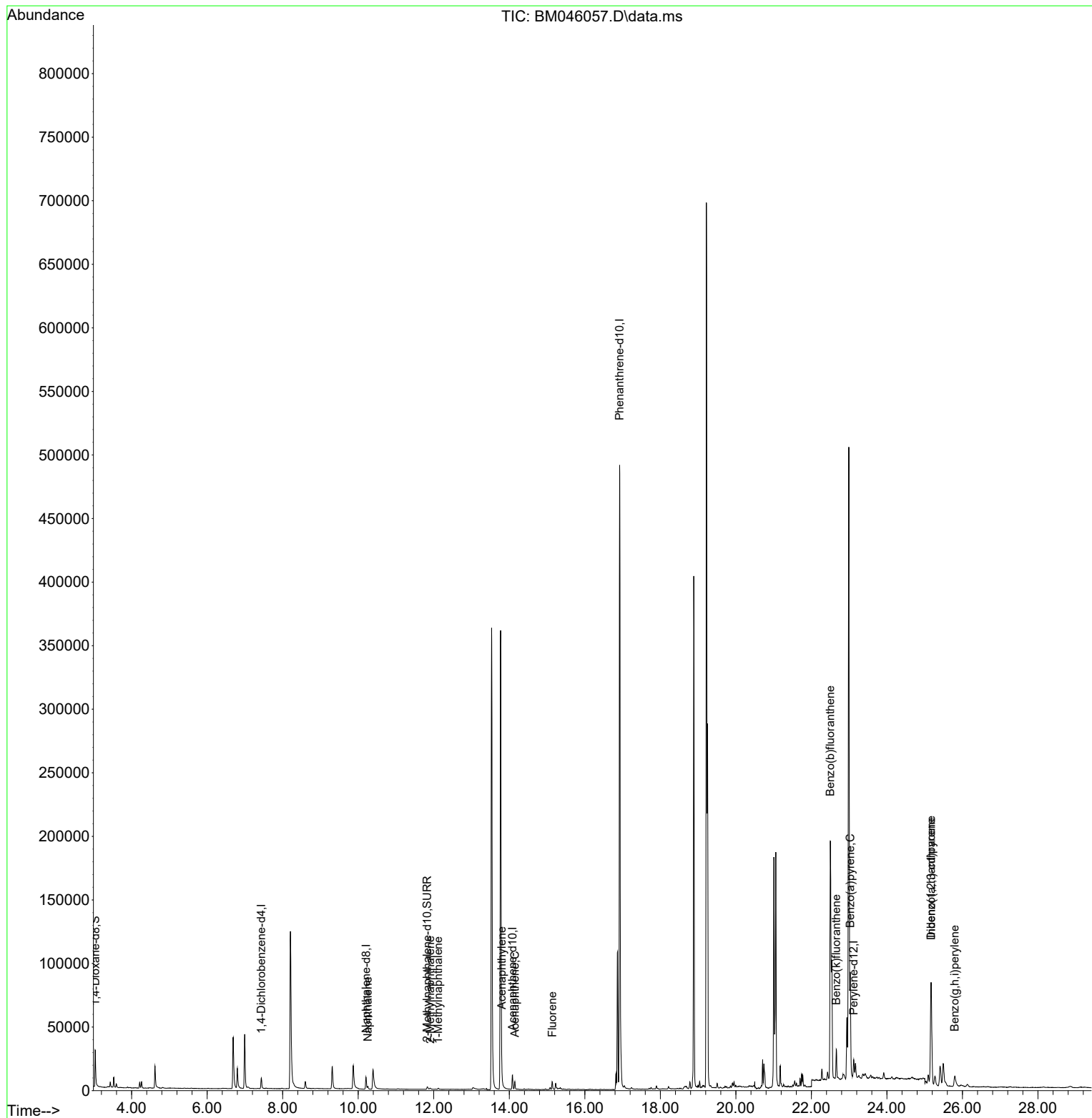
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	4572	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.205	136	12804	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.086	164	6590	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.922	188	586105	0.400	ng/ul	0.06
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.04
23) Perylene-d12	23.121	264	20946	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	17485	2.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	3528	0.205	ng/ul	-0.04
18) Fluoranthene-d10	18.858	212	8502	0.000	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.255	128	3074	0.086	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	947	0.047	ng/ul	92
8) 1-Methylnaphthalene	12.119	142	776	0.035	ng/ul	99
10) Acenaphthylene	13.799	152	7581	0.243	ng/ul	98
11) Acenaphthene	14.146	153	3559	0.158	ng/ul	99
12) Fluorene	15.136	166	4233	0.175	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	375503	4.976	ng/ul	83
25) Benzo(k)fluoranthene	22.659	252	24483	0.273	ng/ul	98
26) Benzo(a)pyrene	23.028	252	96363	1.378	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.168	276	107957	0.943	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.172	278	33310	0.391	ng/ul	96
29) Benzo(g,h,i)perylene	25.796	276	16433	0.167	ng/ul	93

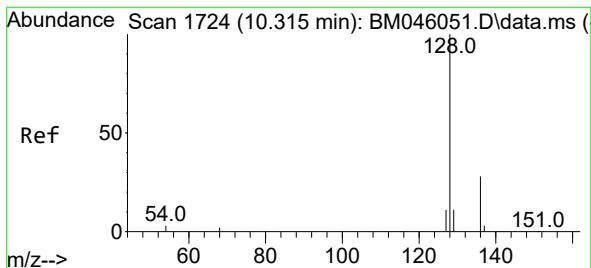
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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Response via : Initial Calibration





#5

Naphthalene

Concen: 0.086 ng/ul

RT: 10.255 min Scan# 1

Delta R.T. -0.048 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

Instrument :

BNA_M

ClientSampleId :

A4BJ7

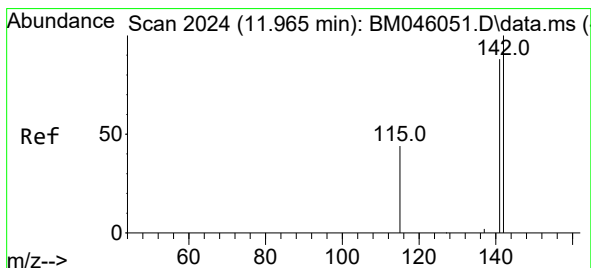
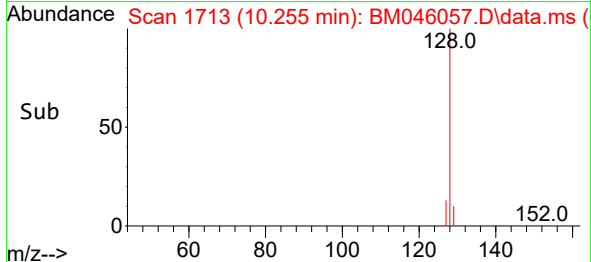
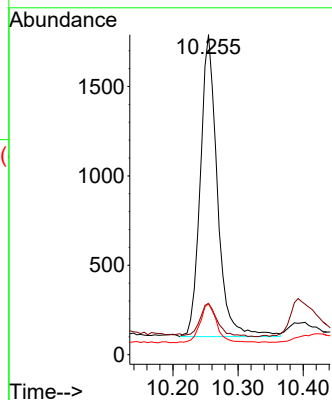
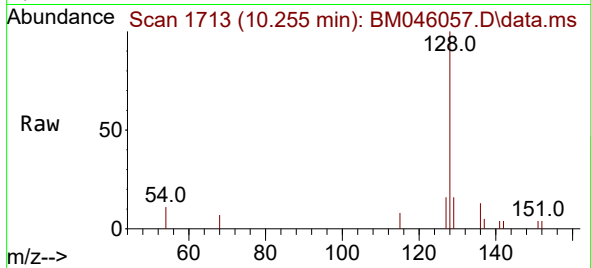
Tgt Ion:128 Resp: 3074

Ion Ratio Lower Upper

128 100

129 16.0 11.8 17.6

127 15.9 12.8 19.2



#7

2-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 11.904 min Scan# 2013

Delta R.T. -0.043 min

Lab File: BM046057.D

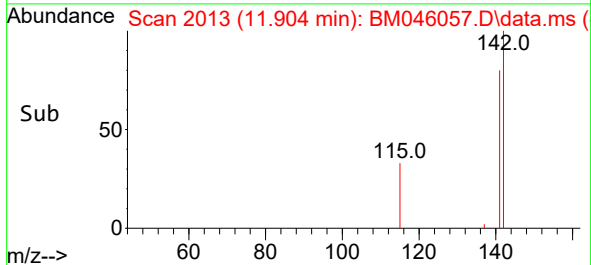
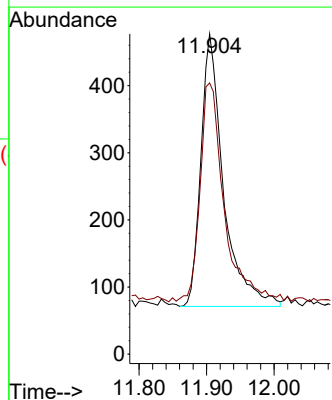
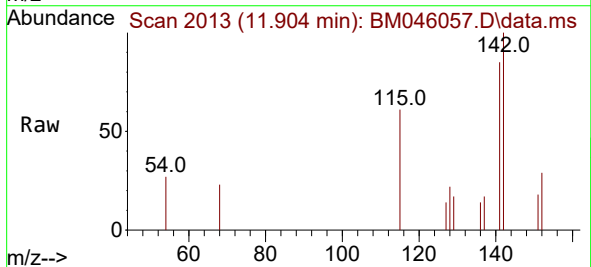
Acq: 18 Jun 2024 18:48

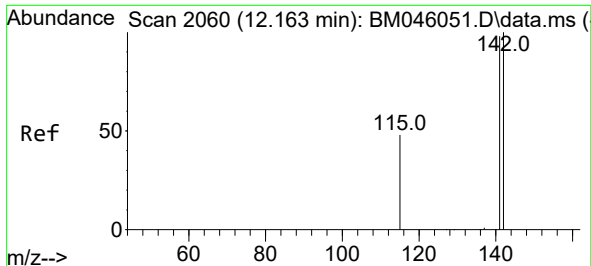
Tgt Ion:142 Resp: 947

Ion Ratio Lower Upper

142 100

141 86.0 74.6 111.8

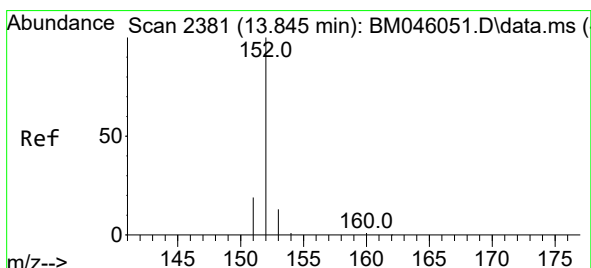
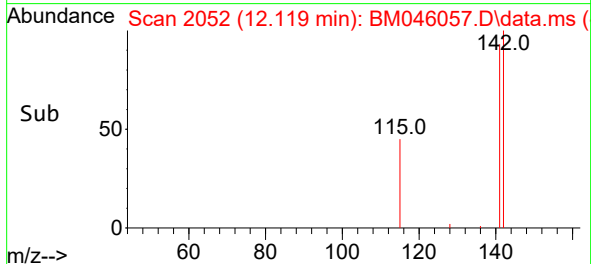
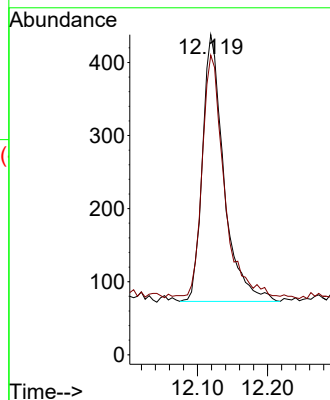
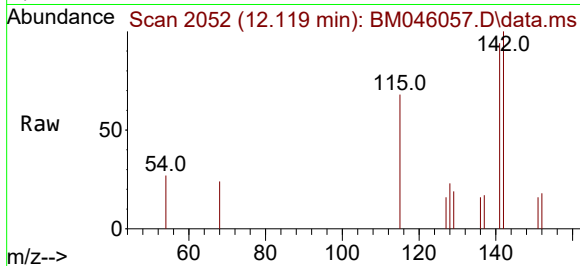




#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.119 min Scan# 2060
Delta R.T. -0.032 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

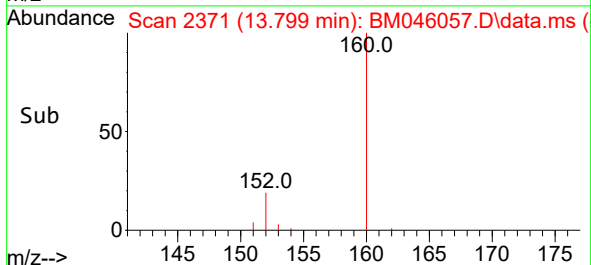
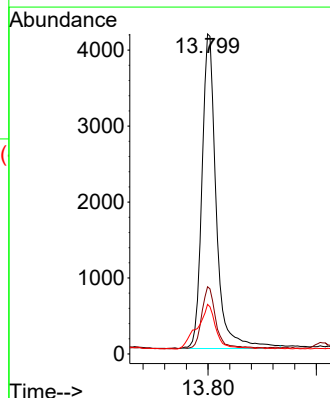
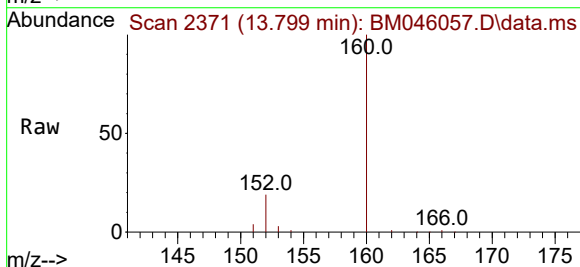
Instrument :
BNA_M
ClientSampleId :
A4BJ7

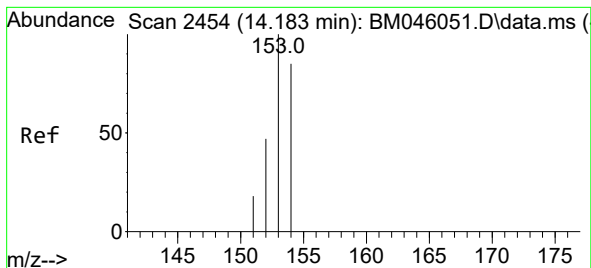
Tgt Ion:142 Resp: 776
Ion Ratio Lower Upper
142 100
141 95.0 75.2 112.8



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.799 min Scan# 2371
Delta R.T. -0.036 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

Tgt Ion:152 Resp: 7581
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.2
153 15.5 11.8 17.8





#11

Acenaphthene

Concen: 0.158 ng/ul

RT: 14.146 min Scan# 2446

Delta R.T. -0.026 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

Instrument :

BNA_M

ClientSampleId :

A4BJ7

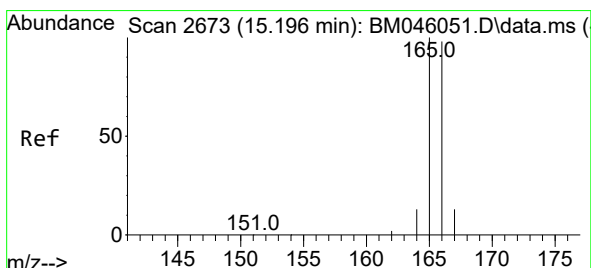
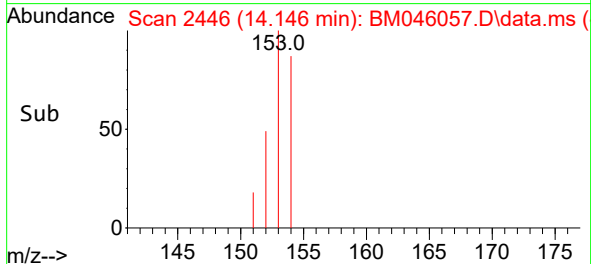
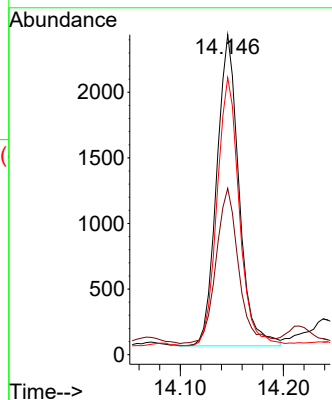
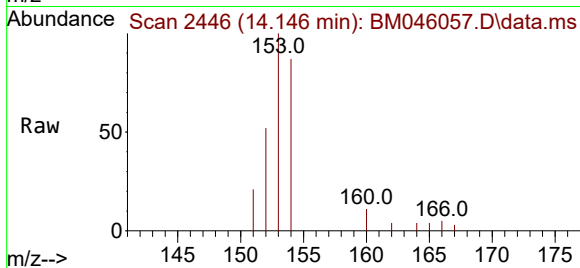
Tgt Ion:153 Resp: 3559

Ion Ratio Lower Upper

153 100

152 52.0 41.3 61.9

154 86.6 68.2 102.4



#12

Fluorene

Concen: 0.175 ng/ul

RT: 15.136 min Scan# 2660

Delta R.T. -0.045 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

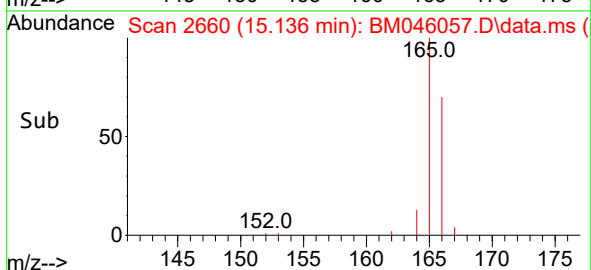
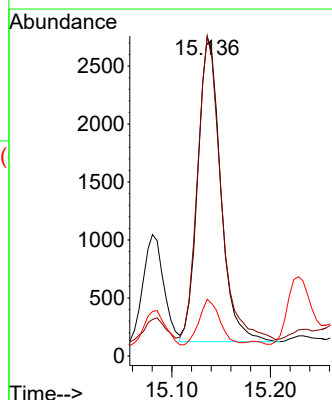
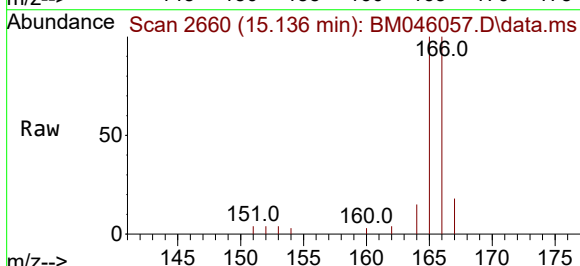
Tgt Ion:166 Resp: 4233

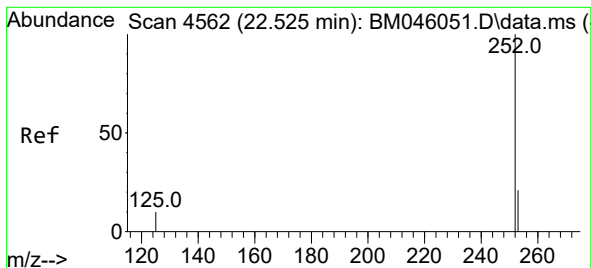
Ion Ratio Lower Upper

166 100

165 100.3 80.4 120.6

167 17.8 12.4 18.6





#24

Benzo(b)fluoranthene

Concen: 4.976 ng/ul

RT: 22.502 min Scan# 4

Delta R.T. -0.018 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

Instrument :

BNA_M

ClientSampleId :

A4BJ7

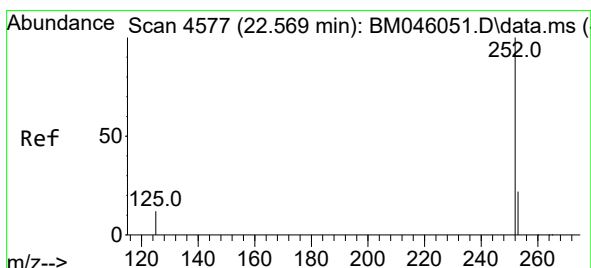
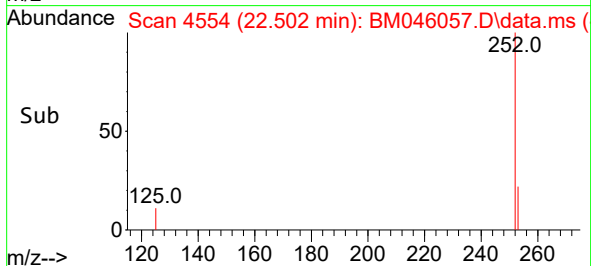
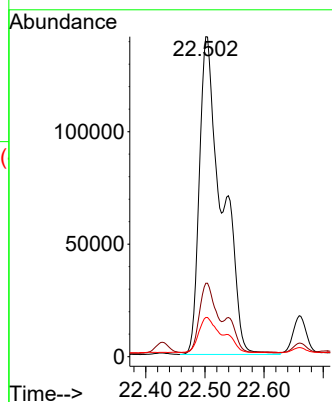
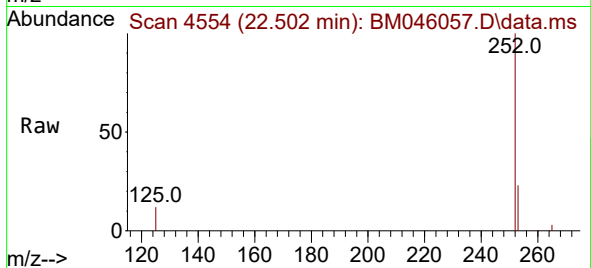
Tgt Ion:252 Resp: 375503

Ion Ratio Lower Upper

252 100

253 23.0 0.0 65.8

125 12.2 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.273 ng/ul

RT: 22.659 min Scan# 4608

Delta R.T. 0.096 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

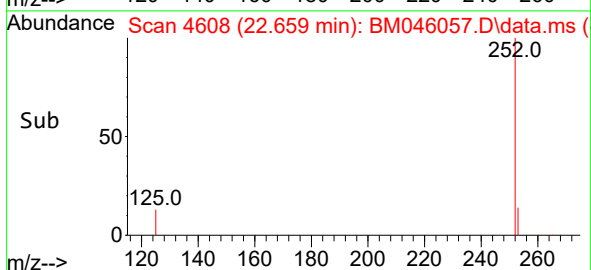
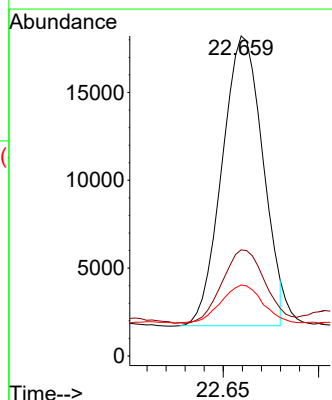
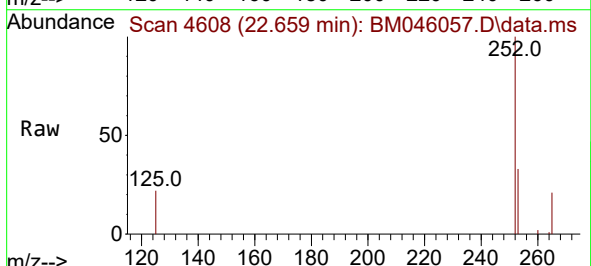
Tgt Ion:252 Resp: 24483

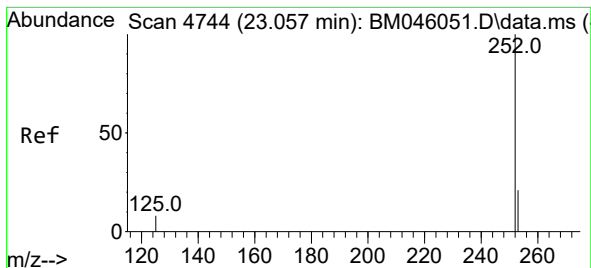
Ion Ratio Lower Upper

252 100

253 33.2 27.2 40.8

125 22.2 16.6 25.0





#26

Benzo(a)pyrene

Concen: 1.378 ng/ul

RT: 23.028 min Scan# 41

Delta R.T. -0.027 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

Instrument :

BNA_M

ClientSampleId :

A4BJ7

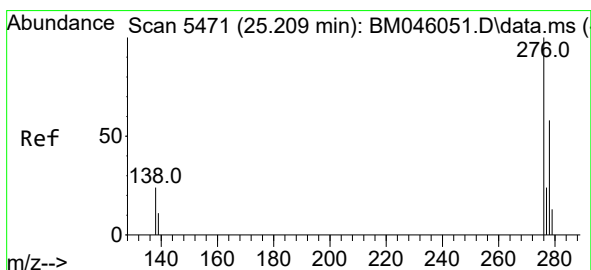
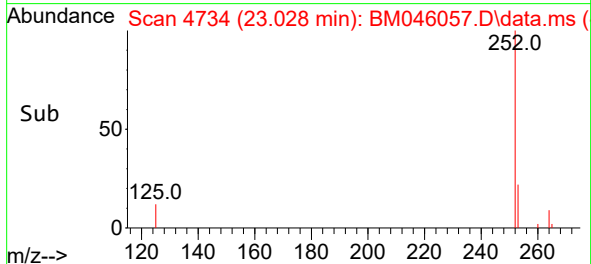
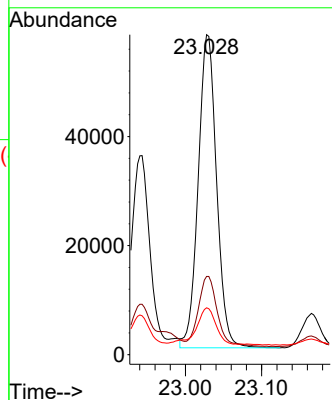
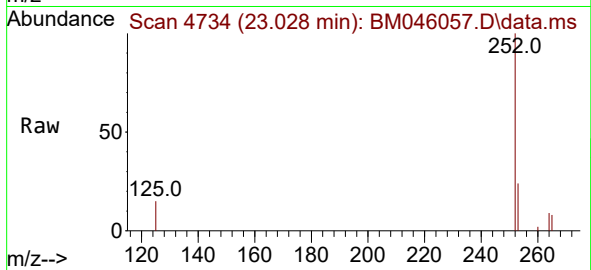
Tgt Ion:252 Resp: 96363

Ion Ratio Lower Upper

252 100

253 24.5 32.1 48.1#

125 14.6 21.2 31.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.943 ng/ul

RT: 25.168 min Scan# 5459

Delta R.T. -0.034 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

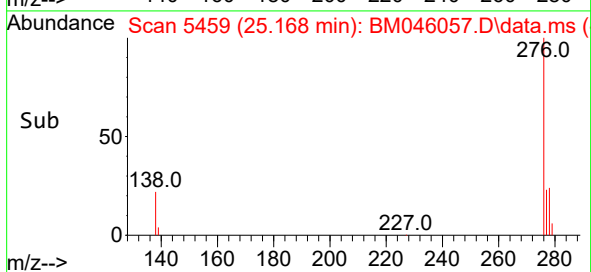
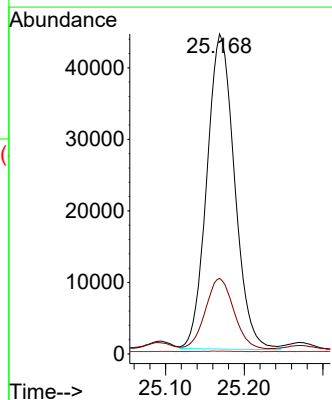
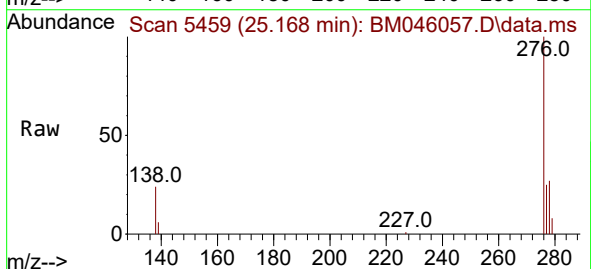
Tgt Ion:276 Resp: 107957

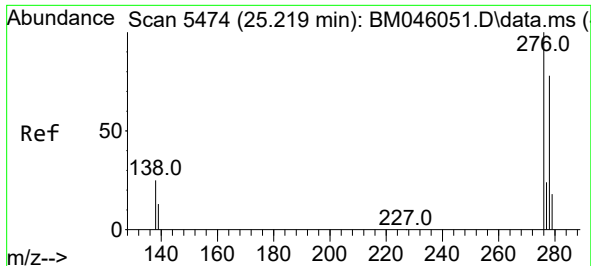
Ion Ratio Lower Upper

276 100

138 22.7 21.0 31.4

227 0.2 0.0 0.0#

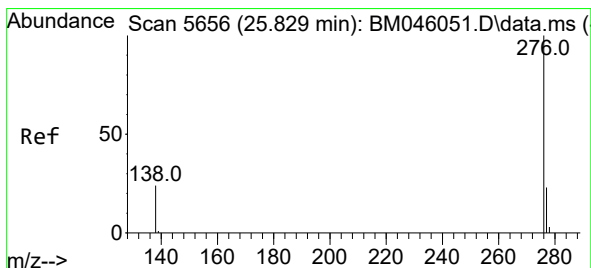
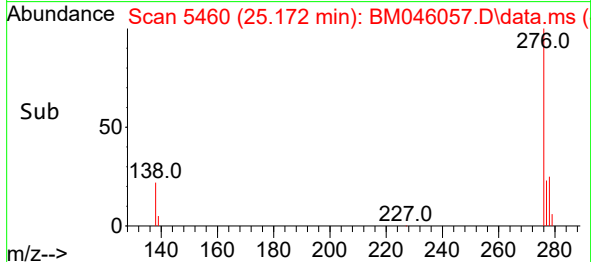
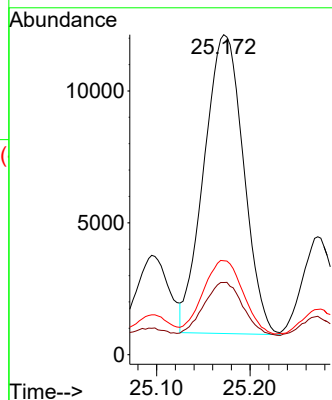
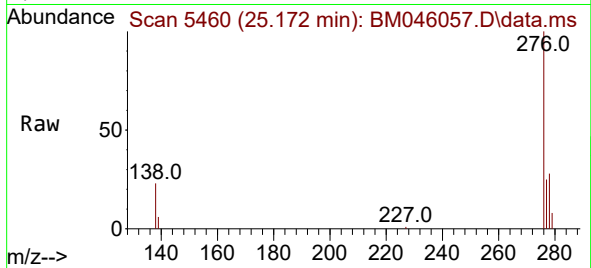




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Tgt Ion:278 Resp: 33310
Ion Ratio Lower Upper
278 100
139 22.6 17.6 26.4
279 29.3 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

Tgt Ion:276 Resp: 16433
Ion Ratio Lower Upper
276 100
138 30.8 21.7 32.5
277 28.9 20.4 30.6

