

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046135.D
 Acq On : 20 Jun 2024 22:27
 Operator : MA/JU
 Sample : P2710-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM9

Quant Time: Jun 21 02:49:29 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)

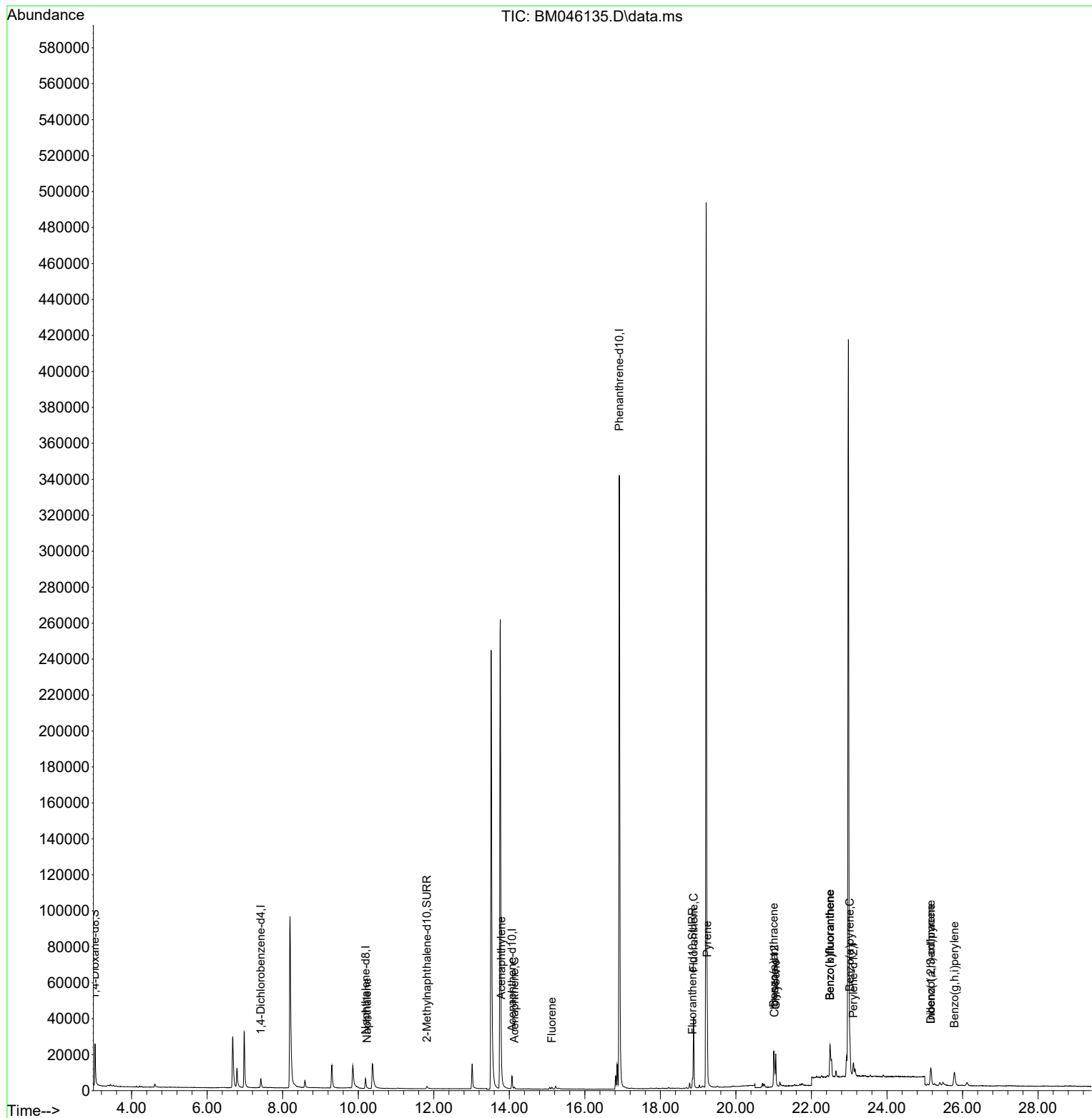
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2802	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.193	136	8112	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.071	164	4423	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.912	188	440975	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.018	240	5518	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	11786	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	14232	3.702	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.821	152	2739	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	5794	0.351	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	654	0.029	ng/ul#	64
10) Acenaphthylene	13.788	152	2635	0.126	ng/ul#	90
11) Acenaphthene	14.131	153	659	0.044	ng/ul	96
12) Fluorene	15.125	166	904	0.056	ng/ul#	96
19) Fluoranthene	18.880	202	36609	1.532	ng/ul	97
20) Pyrene	19.243	202	33647	1.302	ng/ul	97
21) Benzo(a)anthracene	21.000	228	18632	0.874	ng/ul	95
22) Chrysene	21.053	228	17808	0.655	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	37925	0.893	ng/ul	97
25) Benzo(k)fluoranthene	22.493	252	37925	0.751	ng/ul	95
26) Benzo(a)pyrene	23.016	252	18207	0.463	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.162	276	15793	0.245	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.162	278	3436	0.072	ng/ul#	52
29) Benzo(g,h,i)perylene	25.786	276	16038	0.290	ng/ul	96

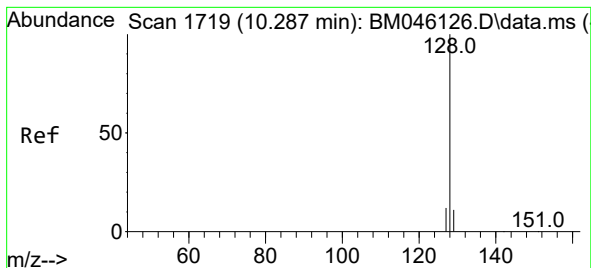
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.029 ng/ul

RT: 10.237 min Scan# 1

Delta R.T. -0.066 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

Instrument :

BNA_M

ClientSampleId :

A4BM9

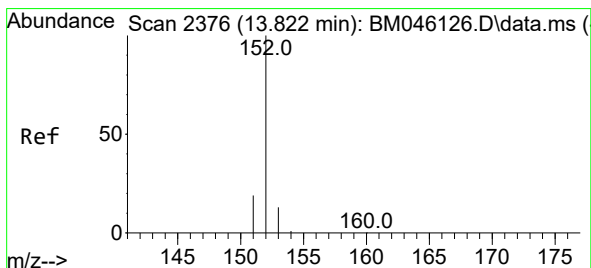
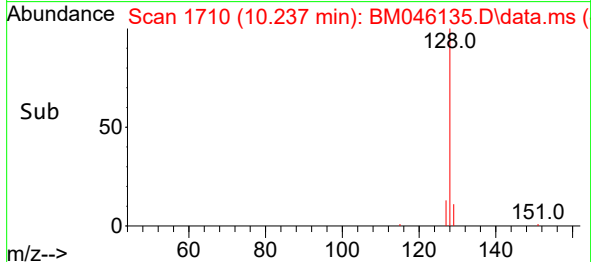
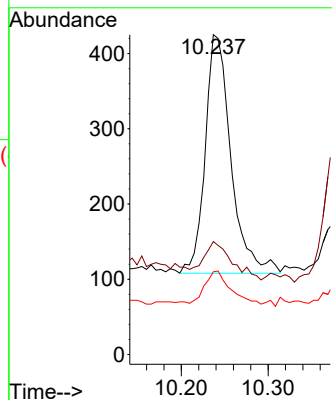
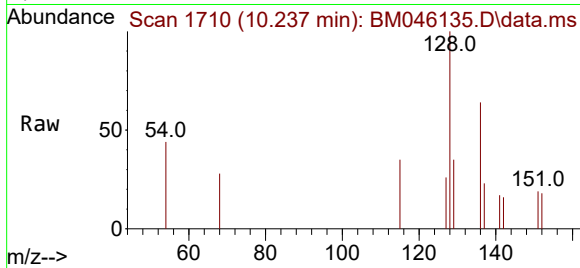
Tgt Ion:128 Resp: 654

Ion Ratio Lower Upper

128 100

129 35.3 11.8 17.6#

127 25.9 12.8 19.2#



#10

Acenaphthylene

Concen: 0.126 ng/ul

RT: 13.788 min Scan# 2369

Delta R.T. -0.046 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

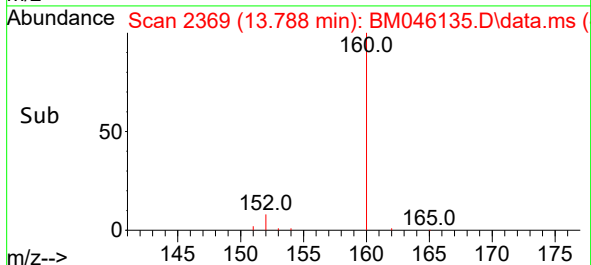
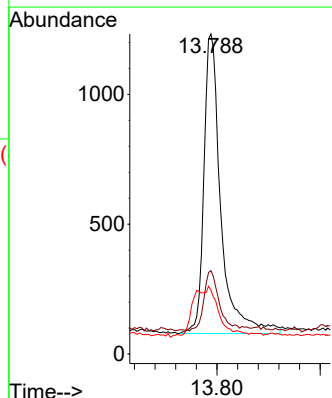
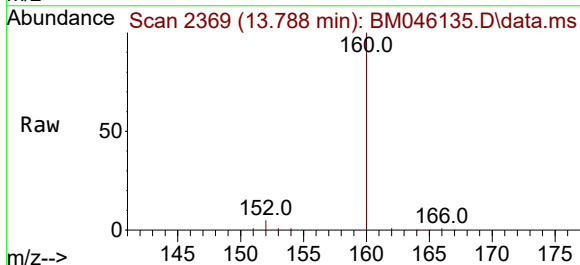
Tgt Ion:152 Resp: 2635

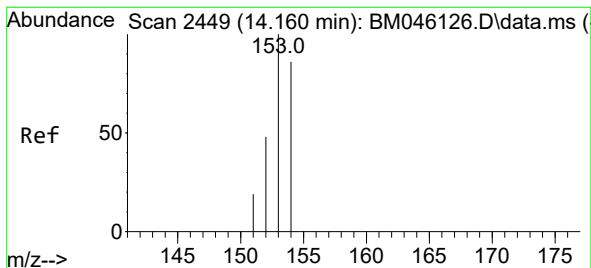
Ion Ratio Lower Upper

152 100

151 26.0 17.4 26.2

153 20.0 11.8 17.8#





#11

Acenaphthene

Concen: 0.044 ng/ul

RT: 14.131 min Scan# 2443

Delta R.T. -0.042 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

Instrument :

BNA_M

ClientSampleId :

A4BM9

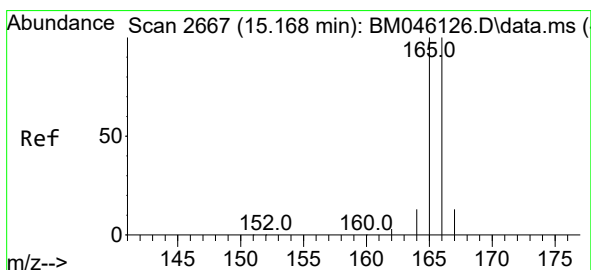
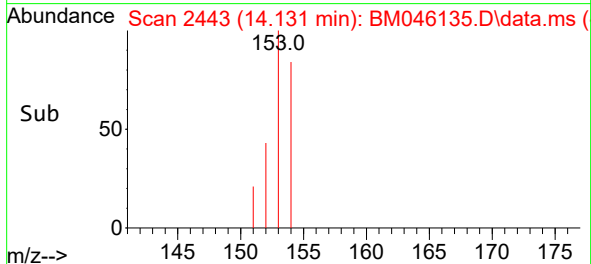
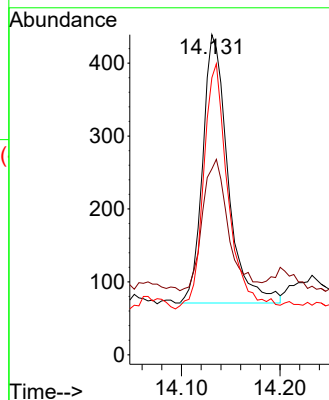
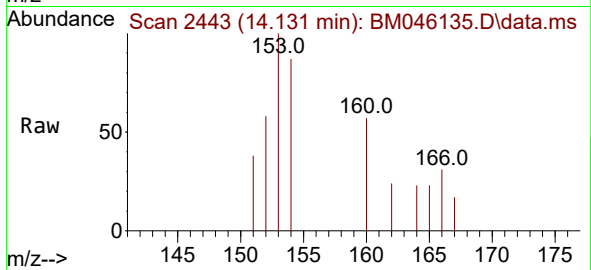
Tgt Ion:153 Resp: 659

Ion Ratio Lower Upper

153 100

152 58.1 41.3 61.9

154 86.6 68.2 102.4



#12

Fluorene

Concen: 0.056 ng/ul

RT: 15.125 min Scan# 2658

Delta R.T. -0.055 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

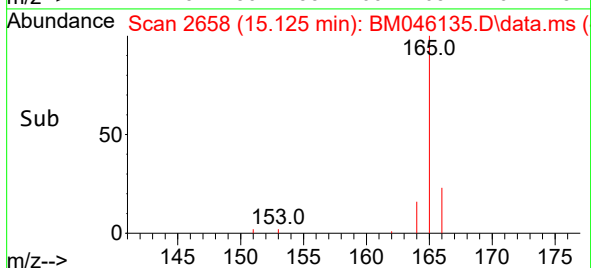
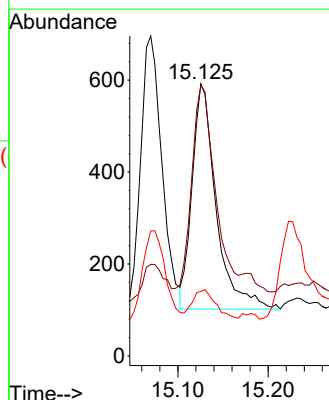
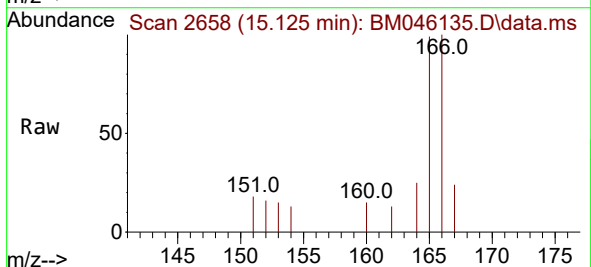
Tgt Ion:166 Resp: 904

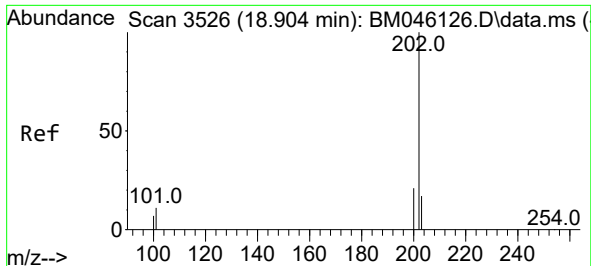
Ion Ratio Lower Upper

166 100

165 99.5 80.4 120.6

167 23.8 12.4 18.6#

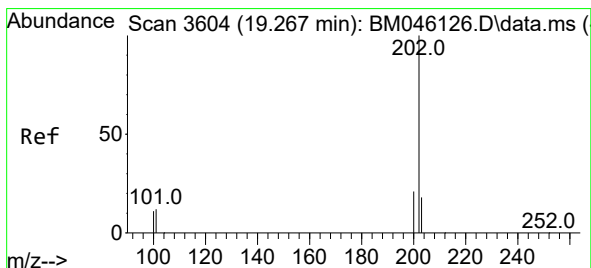
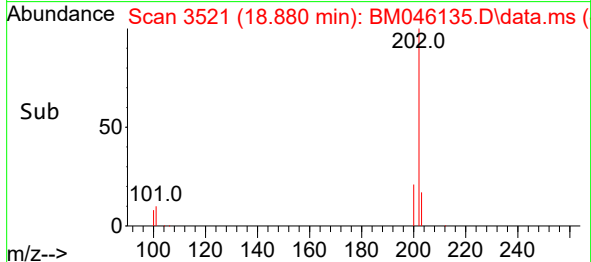
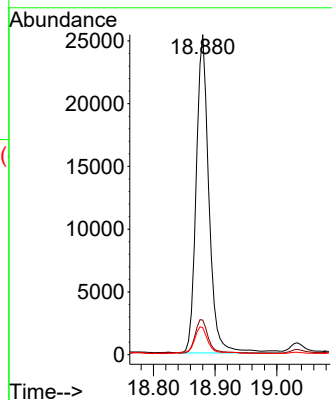
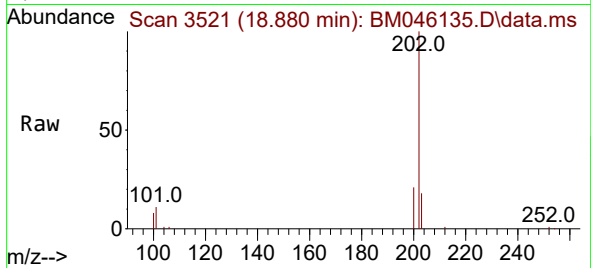




#19
Fluoranthene
Concen: 1.532 ng/ul
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

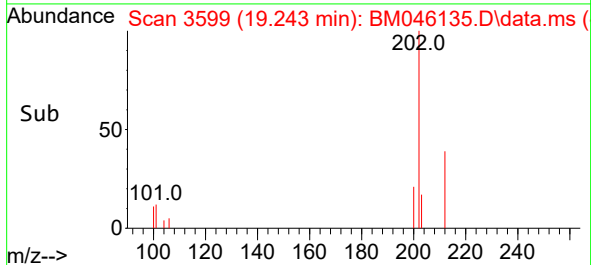
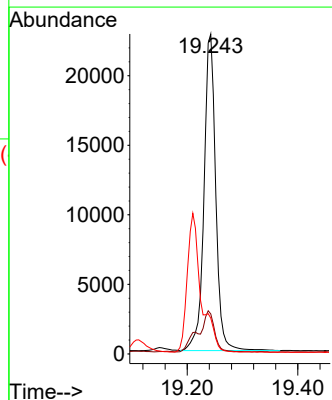
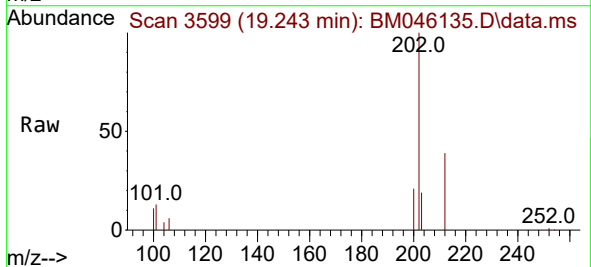
Instrument :
BNA_M
ClientSampleId :
A4BM9

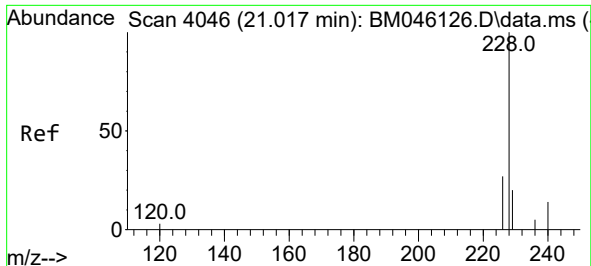
Tgt Ion:202 Resp: 36609
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.5 7.6 11.4



#20
Pyrene
Concen: 1.302 ng/ul
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

Tgt Ion:202 Resp: 33647
Ion Ratio Lower Upper
202 100
101 12.5 11.3 16.9
100 11.2 9.8 14.6

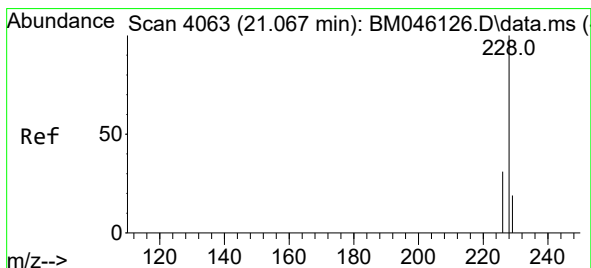
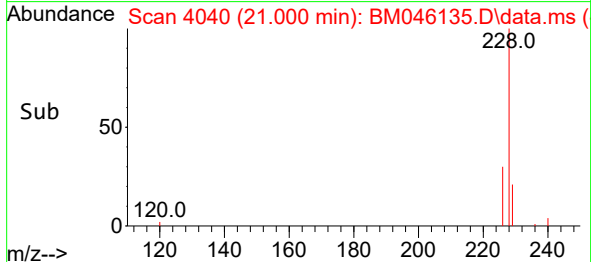
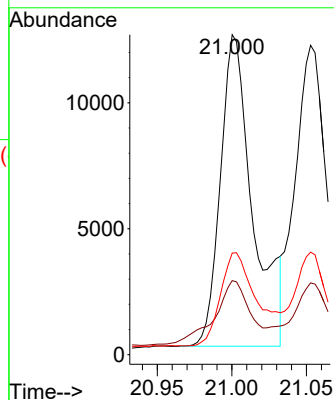
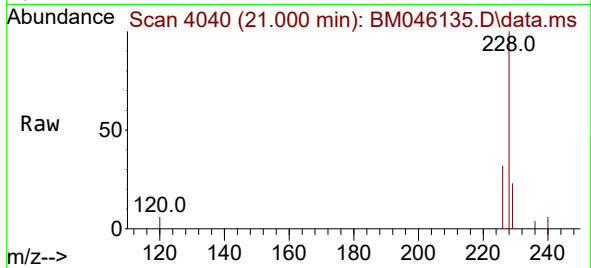




#21
Benzo(a)anthracene
Concen: 0.874 ng/ul
RT: 21.000 min Scan# 4046
Delta R.T. -0.029 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

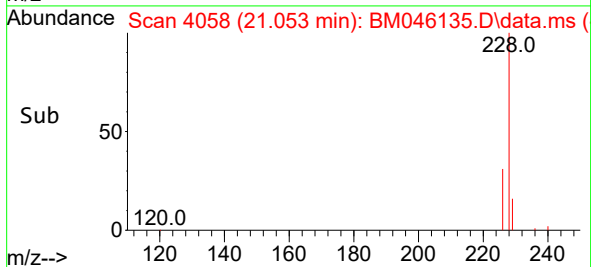
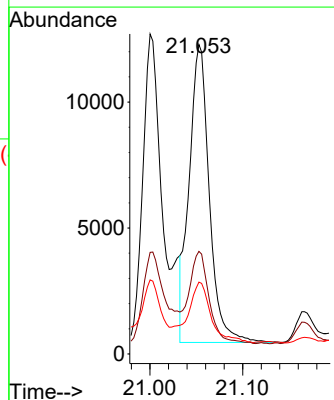
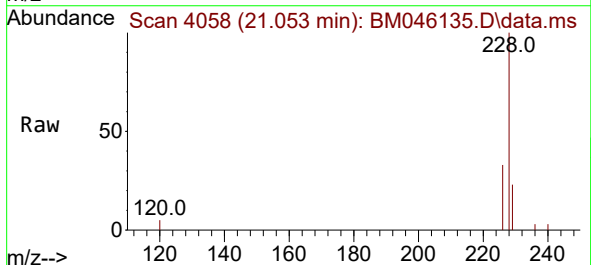
Instrument :
BNA_M
ClientSampleId :
A4BM9

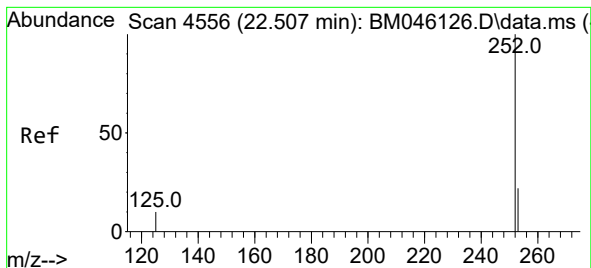
Tgt Ion:228 Resp: 18632
Ion Ratio Lower Upper
228 100
229 23.1 16.4 24.6
226 31.8 23.4 35.2



#22
Chrysene
Concen: 0.655 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

Tgt Ion:228 Resp: 17808
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 23.2 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 0.893 ng/ul

RT: 22.493 min Scan# 4

Delta R.T. -0.026 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

Instrument :

BNA_M

ClientSampleId :

A4BM9

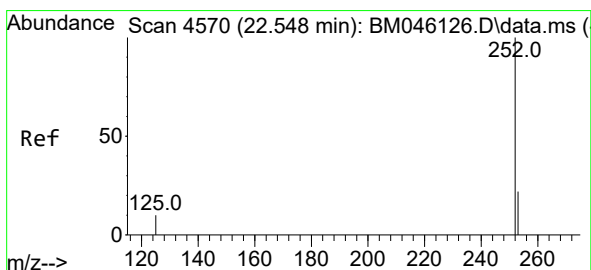
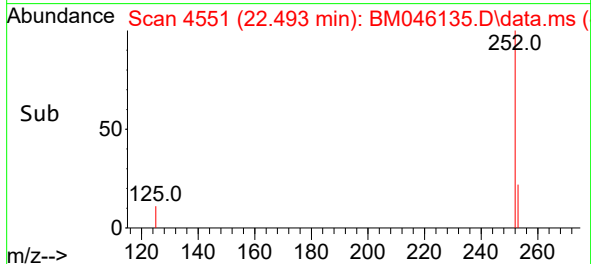
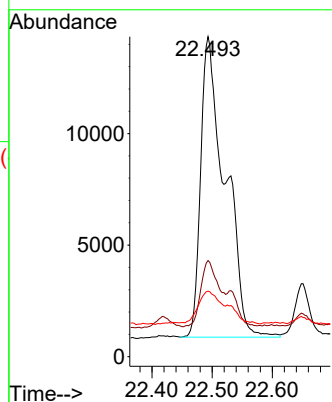
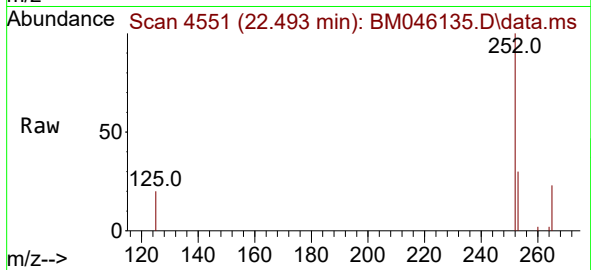
Tgt Ion:252 Resp: 37925

Ion Ratio Lower Upper

252 100

253 30.1 0.0 65.8

125 20.4 0.0 40.2



#25

Benzo(k)fluoranthene

Concen: 0.751 ng/ul

RT: 22.493 min Scan# 4551

Delta R.T. -0.070 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

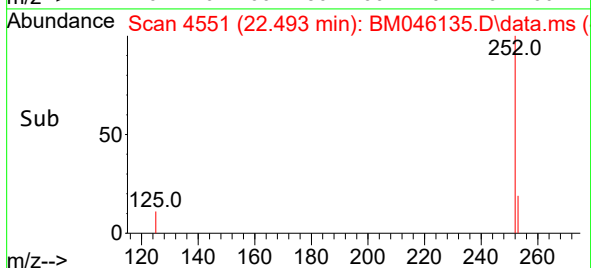
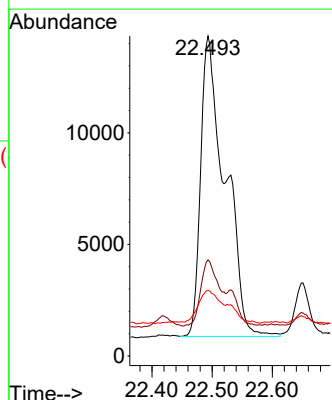
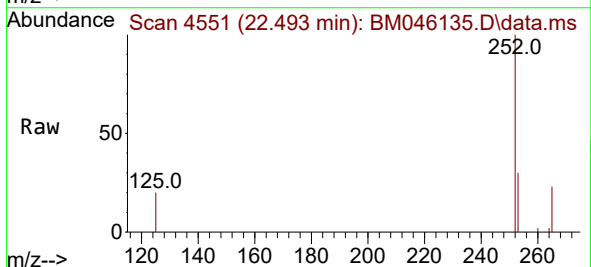
Tgt Ion:252 Resp: 37925

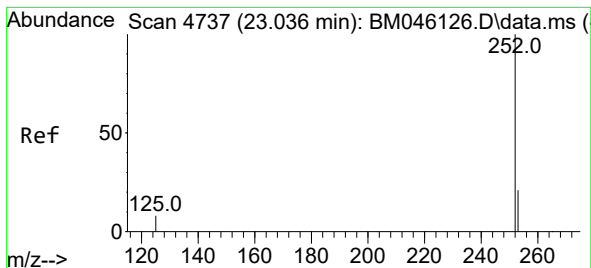
Ion Ratio Lower Upper

252 100

253 30.1 27.2 40.8

125 20.4 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.463 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.038 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

Instrument :

BNA_M

ClientSampleId :

A4BM9

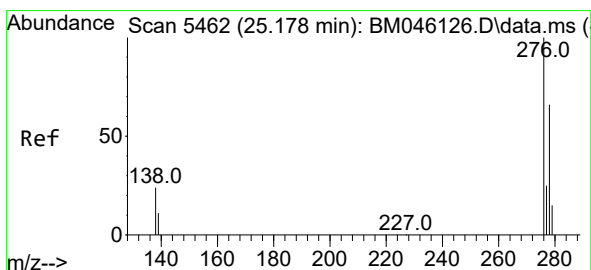
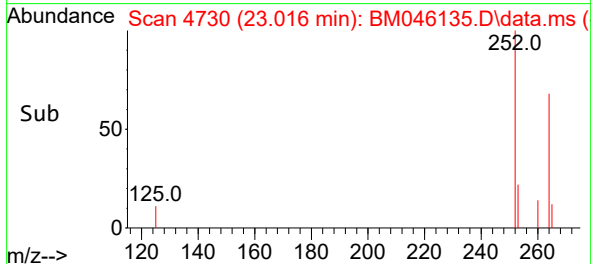
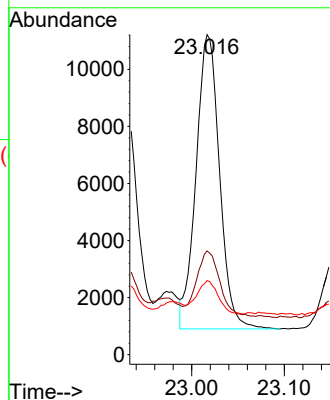
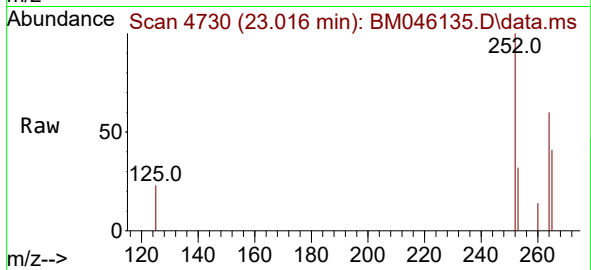
Tgt Ion:252 Resp: 18207

Ion Ratio Lower Upper

252 100

253 32.4 32.1 48.1

125 23.1 21.2 31.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.245 ng/ul

RT: 25.162 min Scan# 5457

Delta R.T. -0.040 min

Lab File: BM046135.D

Acq: 20 Jun 2024 22:27

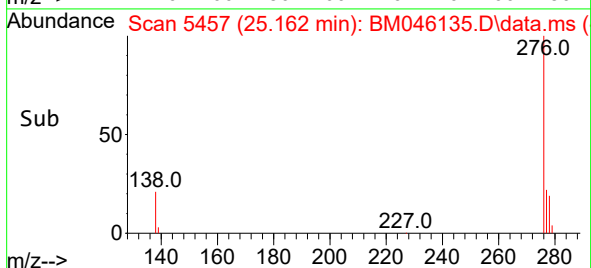
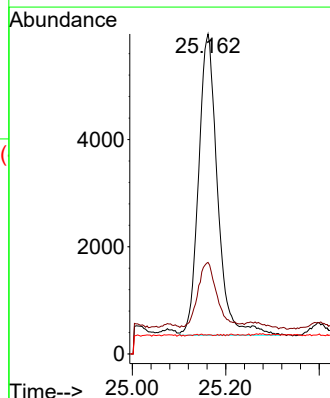
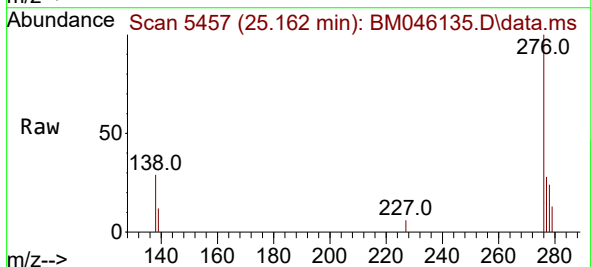
Tgt Ion:276 Resp: 15793

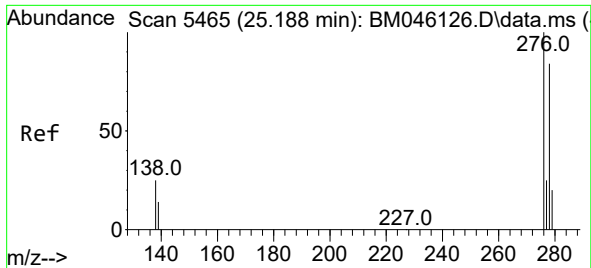
Ion Ratio Lower Upper

276 100

138 22.5 21.0 31.4

227 0.0 0.0 0.0

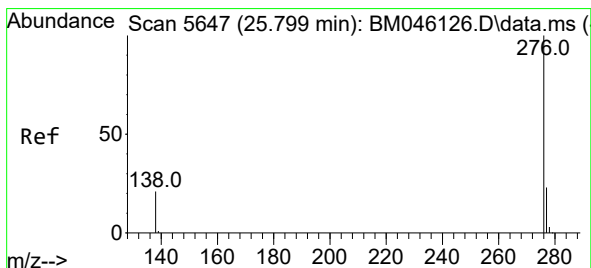
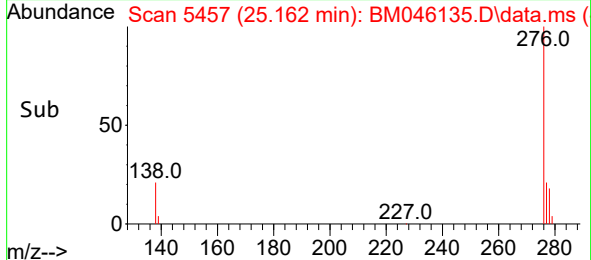
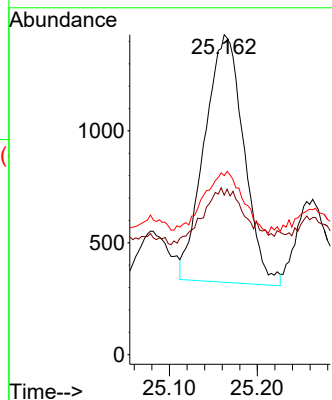
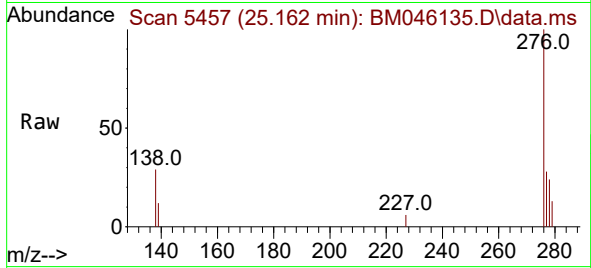




#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.162 min Scan# 54
Delta R.T. -0.054 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

Instrument :
BNA_M
ClientSampleId :
A4BM9

Tgt Ion:278 Resp: 3436
Ion Ratio Lower Upper
278 100
139 49.9 17.6 26.4#
279 55.9 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 25.786 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046135.D
Acq: 20 Jun 2024 22:27

Tgt Ion:276 Resp: 16038
Ion Ratio Lower Upper
276 100
138 28.1 21.7 32.5
277 28.5 20.4 30.6

