

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046263.D
 Acq On : 24 Jun 2024 21:10
 Operator : MA/JU
 Sample : P2776-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B95DL

Quant Time: Jun 25 02:27:26 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

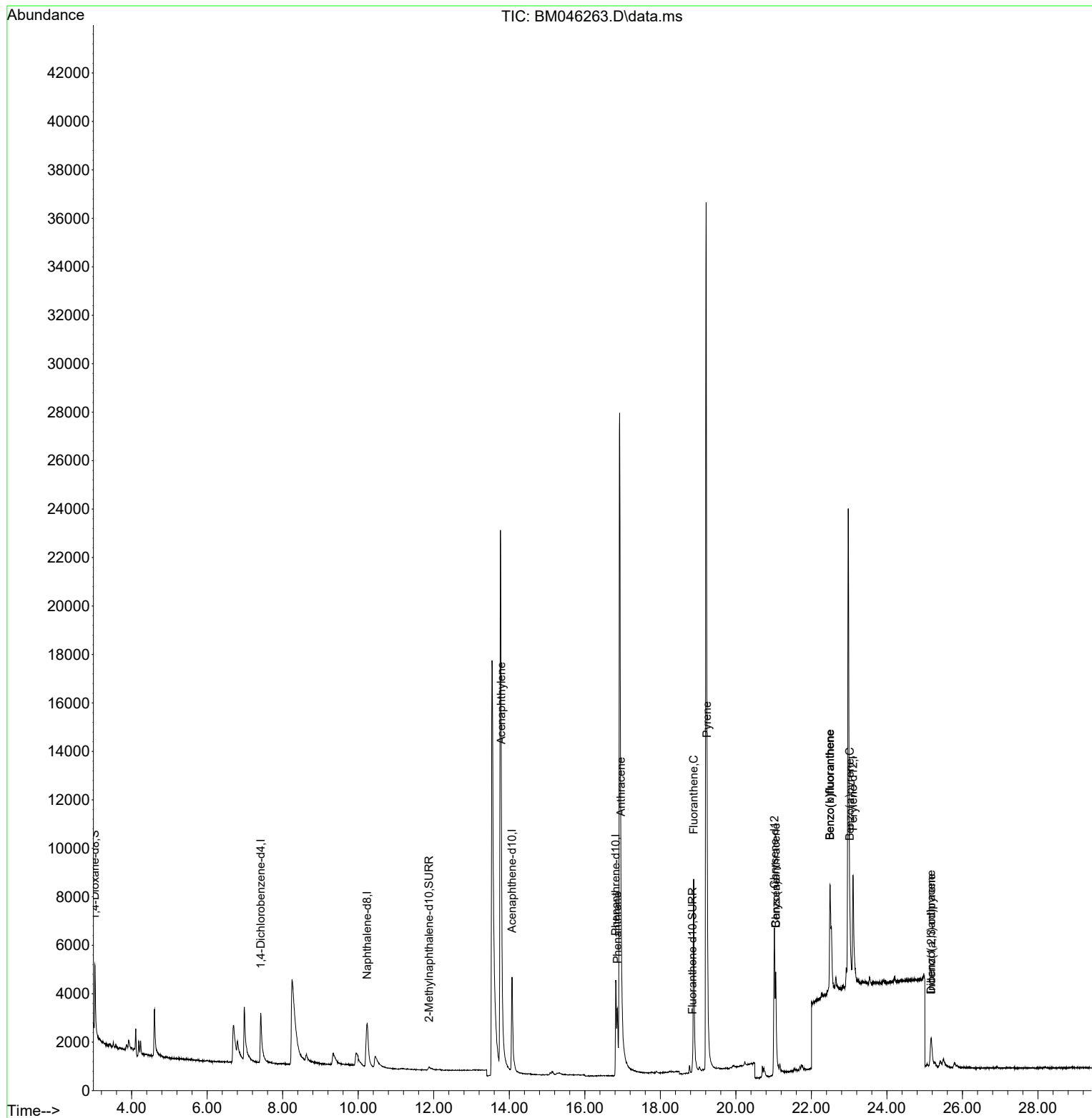
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2252	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.238	136	6226	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.072	164	3701	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	6655	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	5224	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264	7823	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1922	0.622	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.877	152	389	0.047	ng/ul	0.01
18) Fluoranthene-d10	18.854	212	726	0.046	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.790	152	395	0.023	ng/ul#	43
15) Phenanthrene	16.863	178	3711	0.198	ng/ul	94
16) Anthracene	16.956	178	800	0.057	ng/ul#	64
19) Fluoranthene	18.881	202	10439	0.462	ng/ul	99
20) Pyrene	19.239	202	6392	0.261	ng/ul#	95
21) Benzo(a)anthracene	21.058	228	3815	0.189	ng/ul	94
22) Chrysene	21.058	228	4905	0.190	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	11472	0.407	ng/ul	93
25) Benzo(k)fluoranthene	22.493	252	11472	0.342	ng/ul	95
26) Benzo(a)pyrene	23.013	252	2121	0.081	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.175	276	2414	0.056	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.169	278	920	0.029	ng/ul#	12

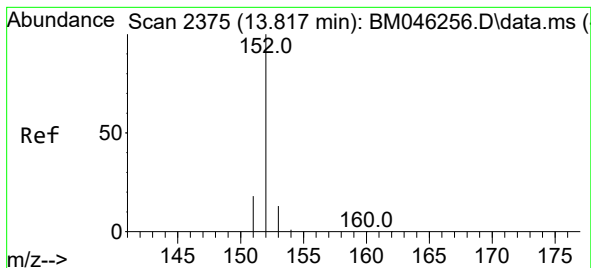
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 02:27:26 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.790 min Scan# 21

Delta R.T. -0.045 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_M

ClientSampleId :

A4B95DL

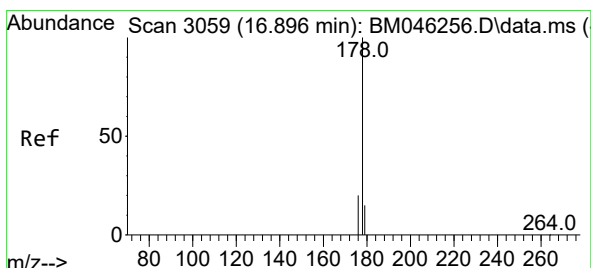
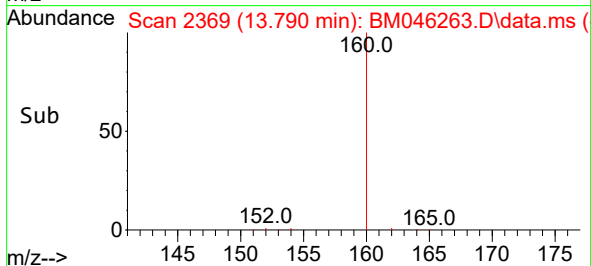
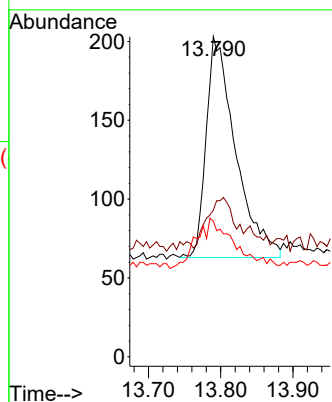
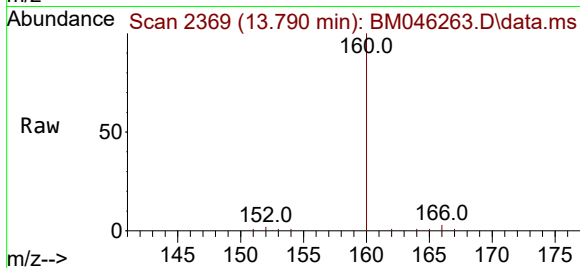
Tgt Ion:152 Resp: 395

Ion Ratio Lower Upper

152 100

151 45.8 17.4 26.2#

153 42.4 11.8 17.8#



#15

Phenanthrene

Concen: 0.198 ng/ul

RT: 16.863 min Scan# 3051

Delta R.T. -0.041 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

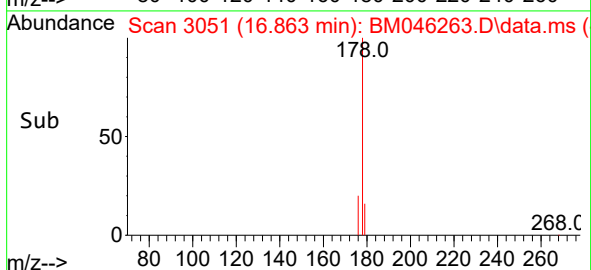
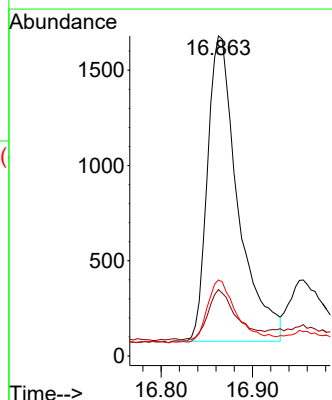
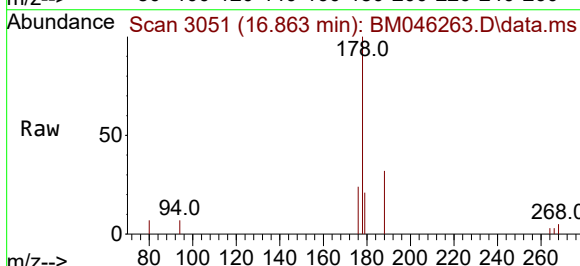
Tgt Ion:178 Resp: 3711

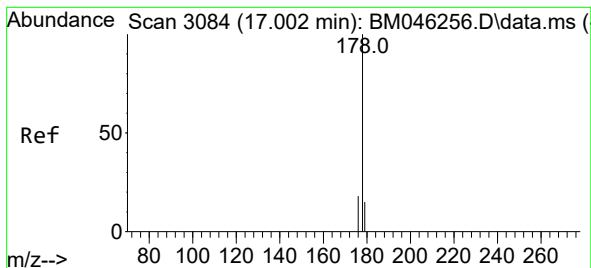
Ion Ratio Lower Upper

178 100

179 20.8 14.2 21.2

176 23.8 17.1 25.7





#16

Anthracene

Concen: 0.057 ng/ul

RT: 16.956 min Scan# 3084

Delta R.T. -0.049 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_M

ClientSampleId :

A4B95DL

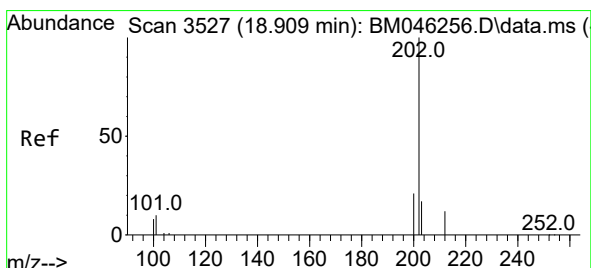
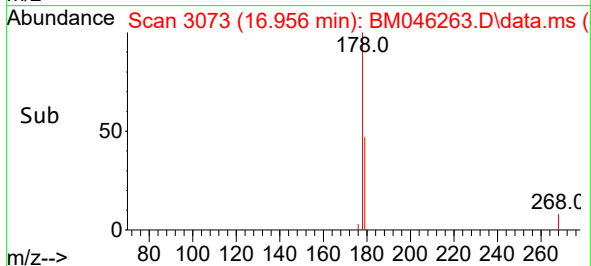
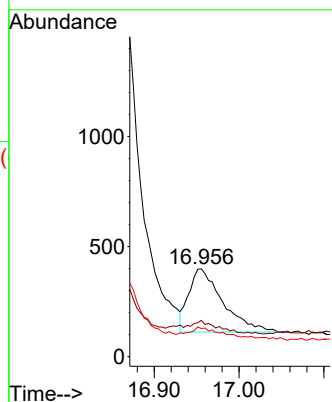
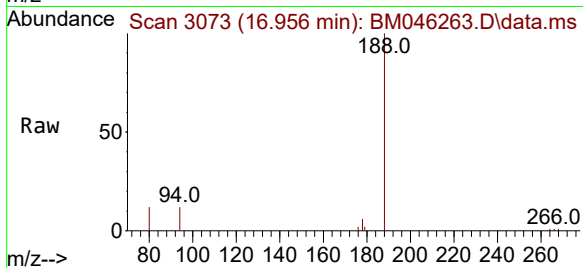
Tgt Ion:178 Resp: 800

Ion Ratio Lower Upper

178 100

179 41.4 14.9 22.3#

176 32.1 17.0 25.4#



#19

Fluoranthene

Concen: 0.462 ng/ul

RT: 18.881 min Scan# 3521

Delta R.T. -0.036 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

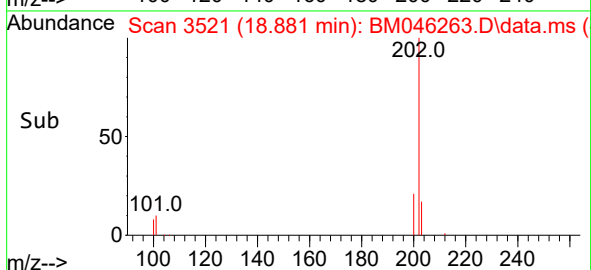
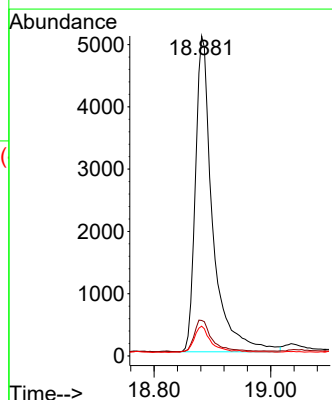
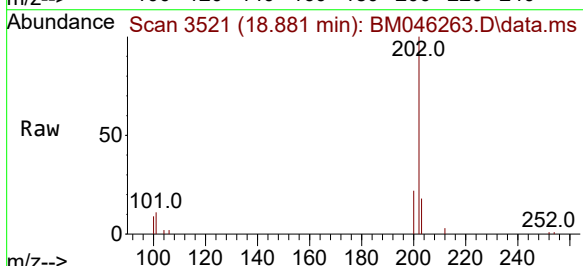
Tgt Ion:202 Resp: 10439

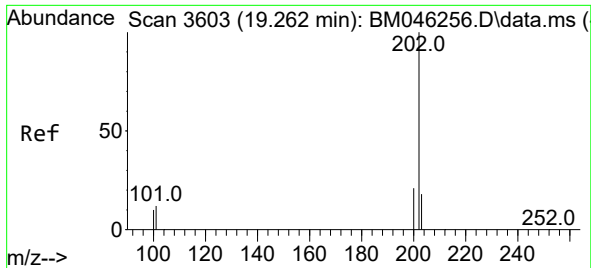
Ion Ratio Lower Upper

202 100

101 11.1 9.6 14.4

100 9.3 7.6 11.4

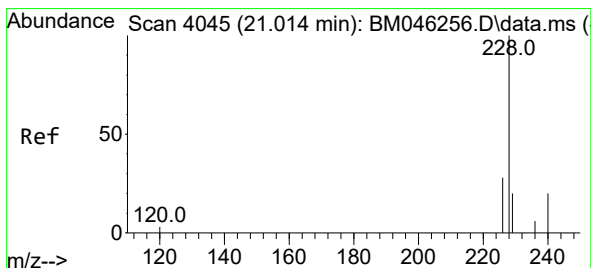
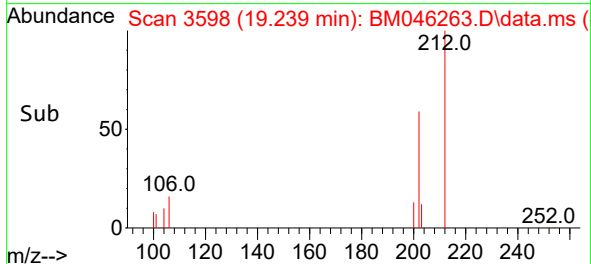
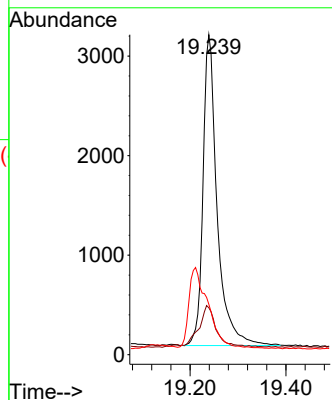
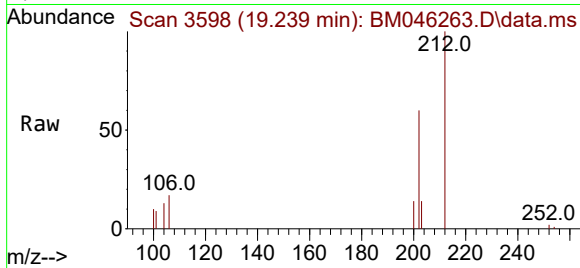




#20
Pyrene
Concen: 0.261 ng/ul
RT: 19.239 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

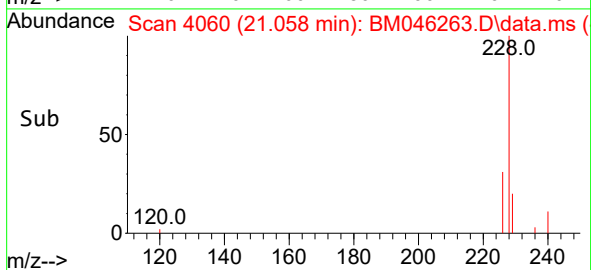
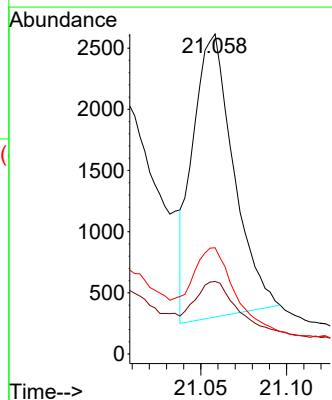
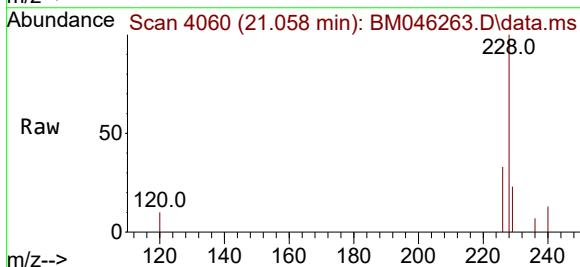
Instrument :
BNA_M
ClientSampleId :
A4B95DL

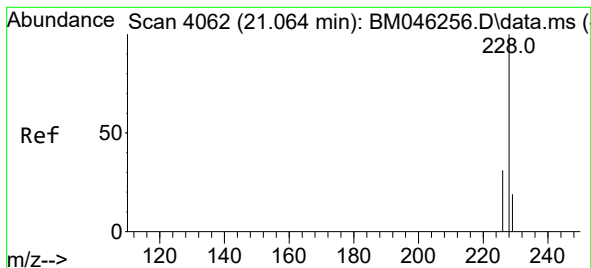
Tgt Ion:202 Resp: 6392
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 15.7 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.189 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. 0.029 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

Tgt Ion:228 Resp: 3815
Ion Ratio Lower Upper
228 100
229 22.7 16.4 24.6
226 33.2 23.4 35.2





#22

Chrysene

Concen: 0.190 ng/ul

RT: 21.058 min Scan# 4060

Delta R.T. -0.018 min

Lab File: BM046263.D

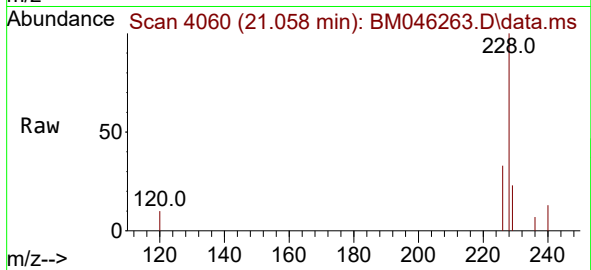
Acq: 24 Jun 2024 21:10

Instrument :

BNA_M

ClientSampleId :

A4B95DL



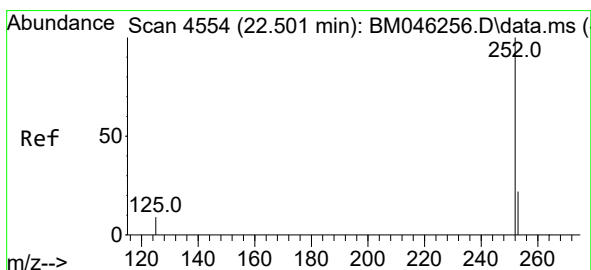
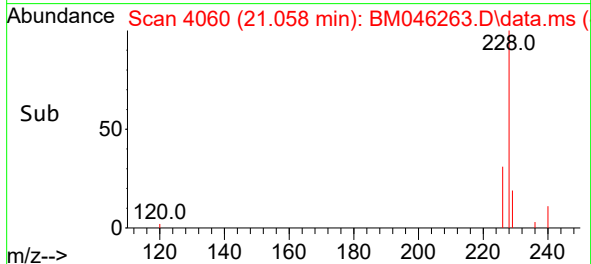
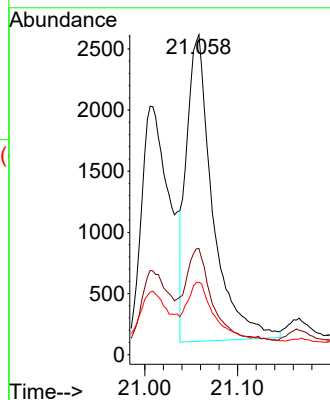
Tgt Ion:228 Resp: 4905

Ion Ratio Lower Upper

228 100

226 33.2 25.2 37.8

229 22.7 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 0.407 ng/ul

RT: 22.493 min Scan# 4551

Delta R.T. -0.027 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

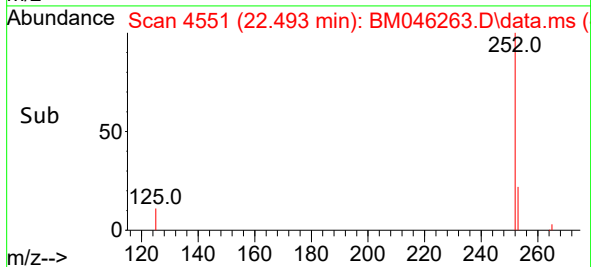
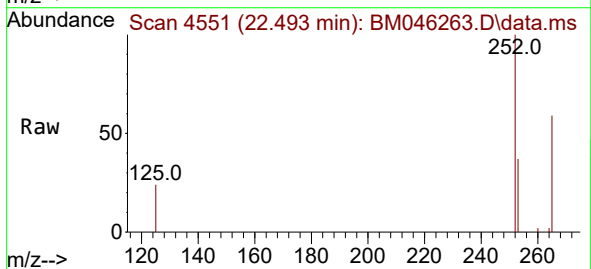
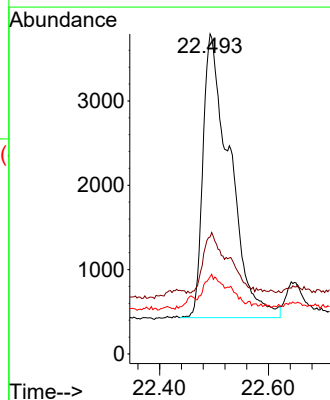
Tgt Ion:252 Resp: 11472

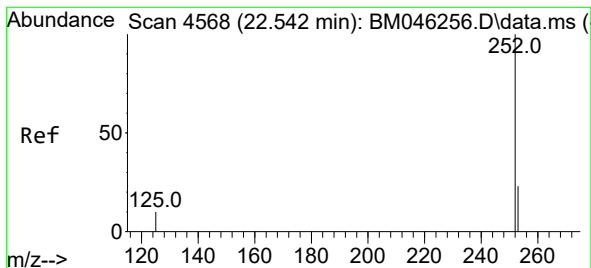
Ion Ratio Lower Upper

252 100

253 36.6 0.0 65.8

125 24.1 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.342 ng/ul

RT: 22.493 min Scan# 4

Delta R.T. -0.070 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_M

ClientSampleId :

A4B95DL

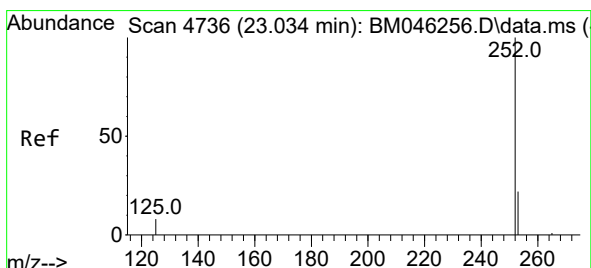
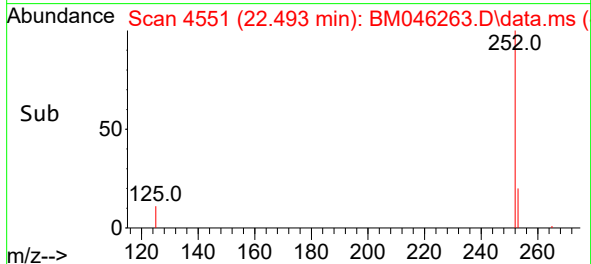
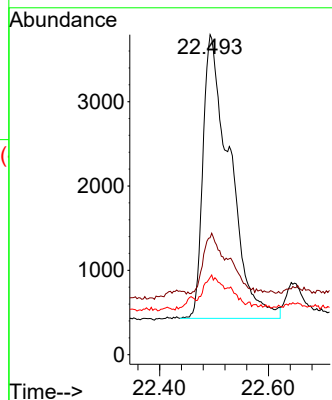
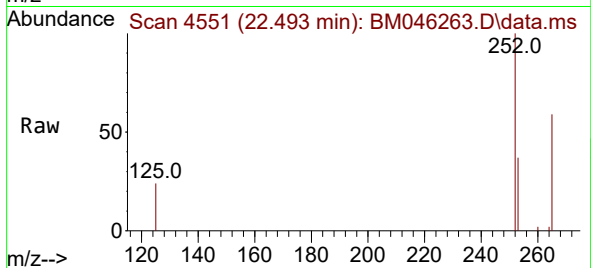
Tgt Ion:252 Resp: 11472

Ion Ratio Lower Upper

252 100

253 36.6 27.2 40.8

125 24.1 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.081 ng/ul

RT: 23.013 min Scan# 4729

Delta R.T. -0.041 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

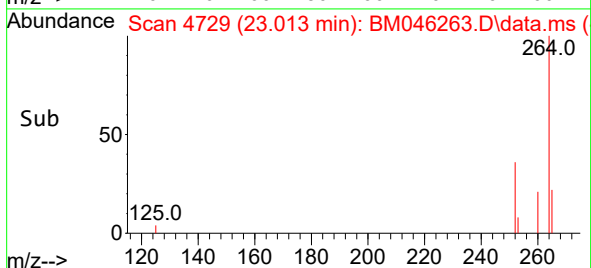
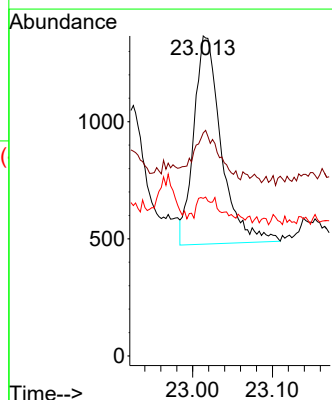
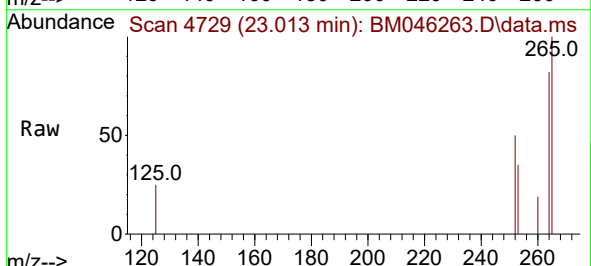
Tgt Ion:252 Resp: 2121

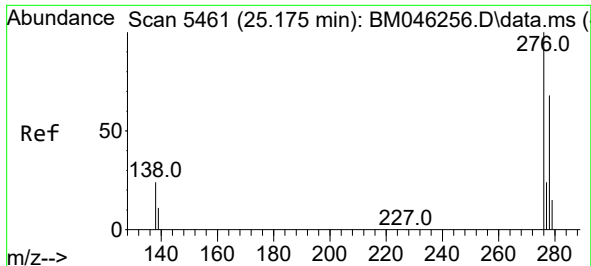
Ion Ratio Lower Upper

252 100

253 69.7 32.1 48.1#

125 49.3 21.2 31.8#

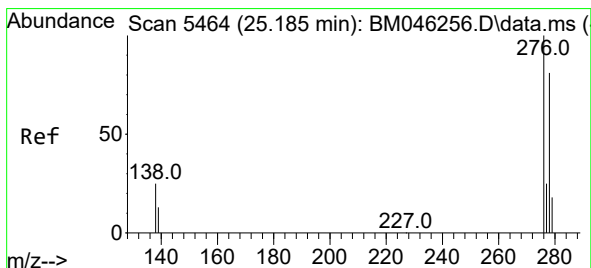
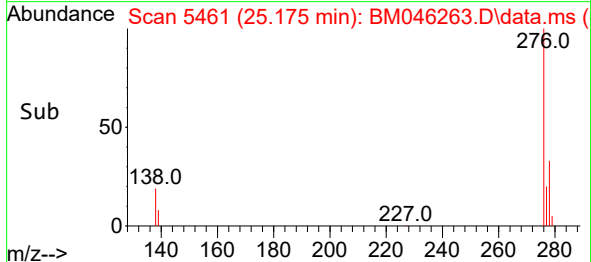
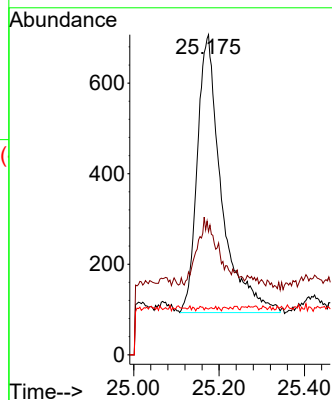
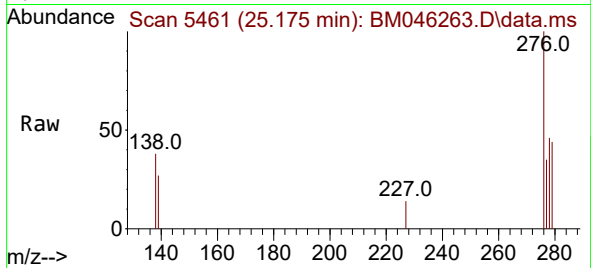




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.056 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 2414
Ion Ratio Lower Upper
276 100
138 23.3 21.0 31.4
227 0.0 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.169 min Scan# 5459
Delta R.T. -0.047 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

Tgt Ion:278 Resp: 920
Ion Ratio Lower Upper
278 100
139 53.4 17.6 26.4#
279 90.6 26.3 39.5#

