

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045510.D
 Acq On : 23 Apr 2024 12:37
 Operator : MA/JU
 Sample : P2104-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Quant Time: Apr 24 04:50:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 04:47:50 2024
 Response via : Initial Calibration

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

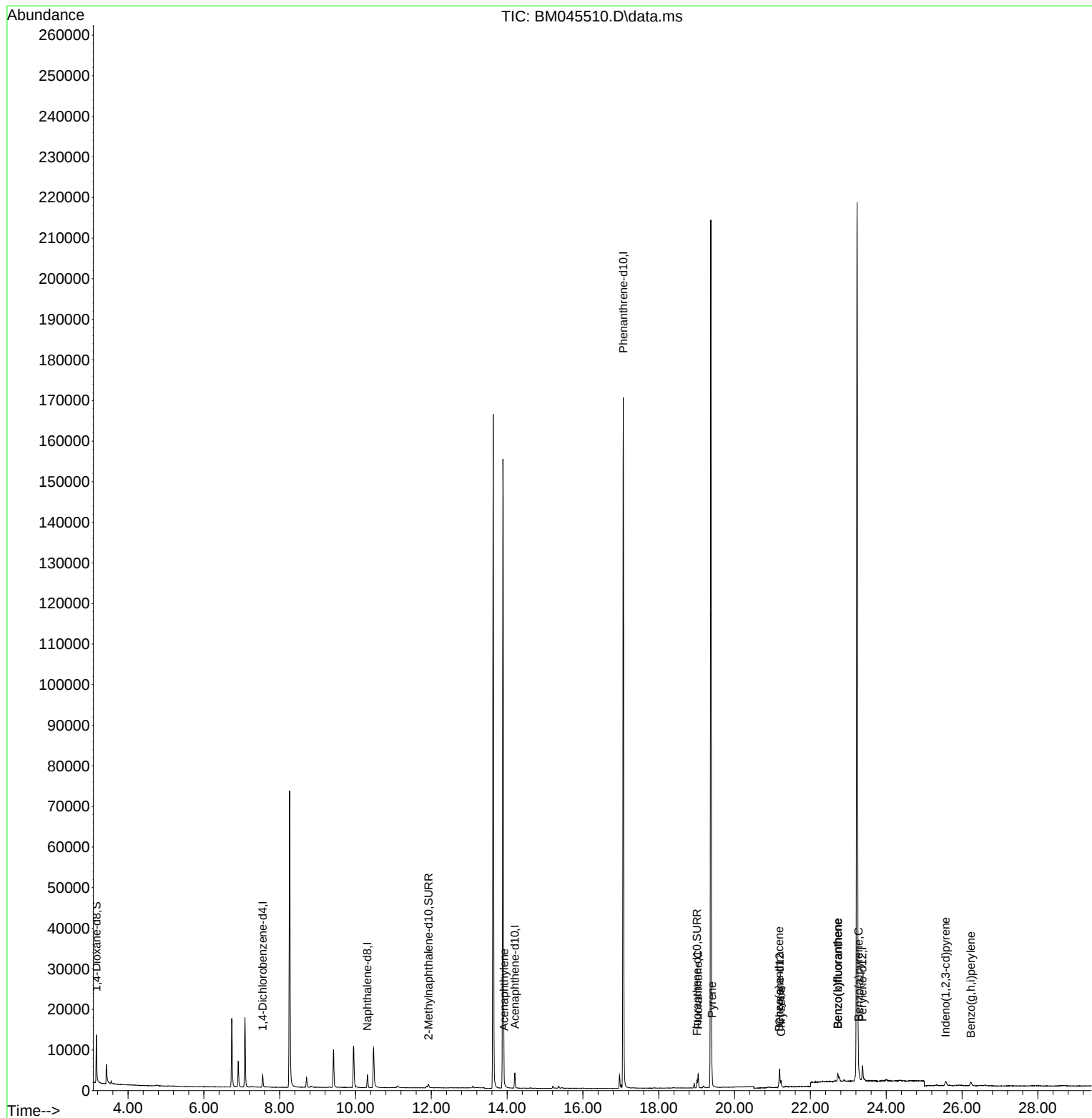
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1620	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	4477	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.205	164	2112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	197269	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.190	240	3504	0.400	ng/ul	-0.01
23) Perylene-d12	23.373	264	5325	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	7601	3.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1432	0.243	ng/ul	-0.03
18) Fluoranthene-d10	19.010	212	2269	0.206	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.923	152	485	0.047	ng/ul#	69
19) Fluoranthene	19.038	202	3131	0.194	ng/ul	97
20) Pyrene	19.401	202	3041	0.183	ng/ul	97
21) Benzo(a)anthracene	21.176	228	1680	0.150	ng/ul#	81
22) Chrysene	21.225	228	1553	0.090	ng/ul#	84
24) Benzo(b)fluoranthene	22.721	252	3090	0.173	ng/ul#	67
25) Benzo(k)fluoranthene	22.721	252	4165	0.184	ng/ul#	67
26) Benzo(a)pyrene	23.274	252	1951	0.105	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.568	276	2000	0.074	ng/ul#	95
29) Benzo(g,h,i)perylene	26.232	276	2016	0.083	ng/ul#	74

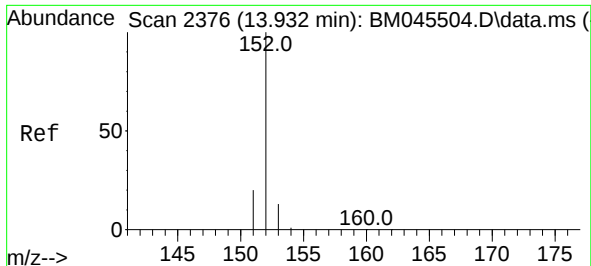
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.047 ng/ul

RT: 13.923 min Scan# 2376

Delta R.T. -0.009 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AB1

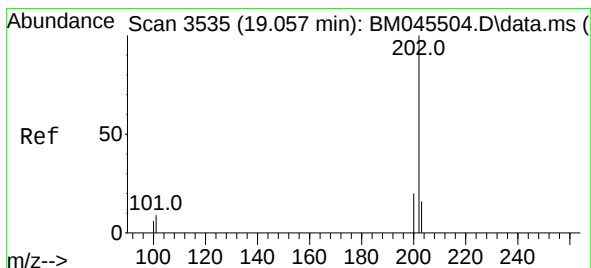
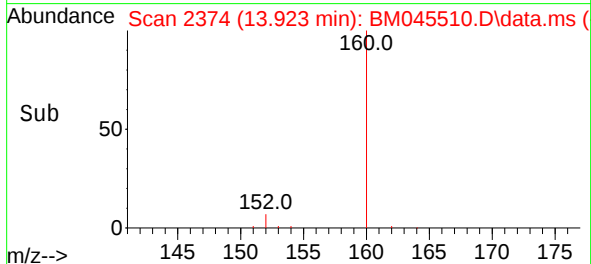
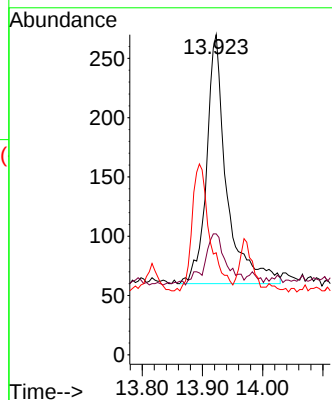
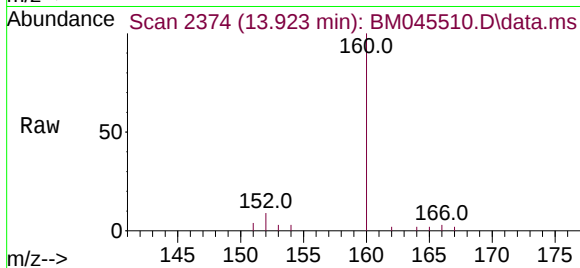
Tgt Ion:152 Resp: 485

Ion Ratio Lower Upper

152 100

151 37.8 18.6 28.0#

153 31.9 14.1 21.1#



#19

Fluoranthene

Concen: 0.194 ng/ul

RT: 19.038 min Scan# 3531

Delta R.T. -0.019 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

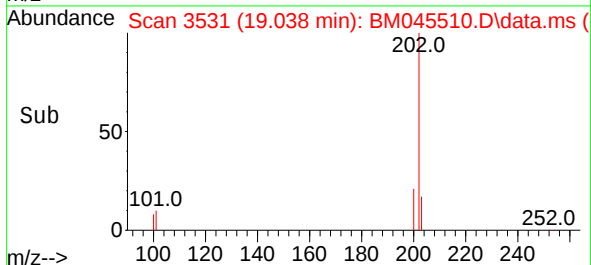
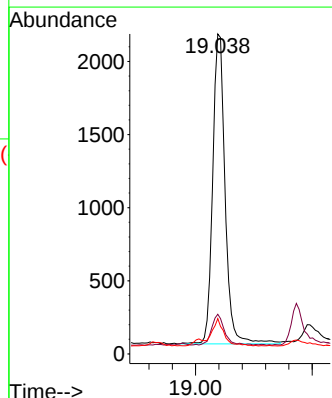
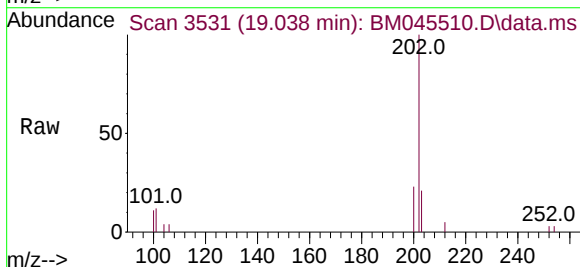
Tgt Ion:202 Resp: 3131

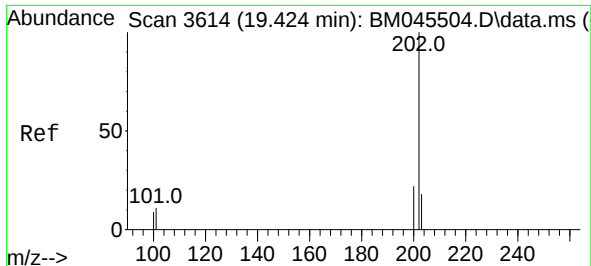
Ion Ratio Lower Upper

202 100

101 12.4 11.2 16.8

100 11.0 9.1 13.7





#20

Pyrene

Concen: 0.183 ng/ul

RT: 19.401 min Scan# 3

Delta R.T. -0.023 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AB1

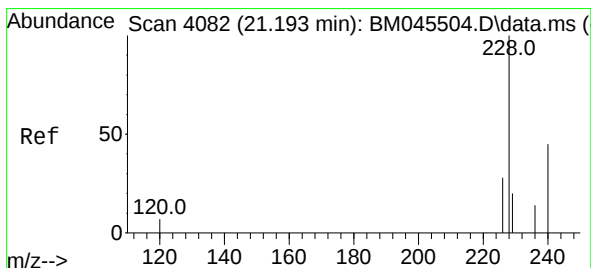
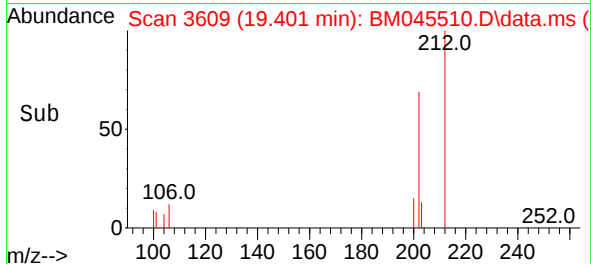
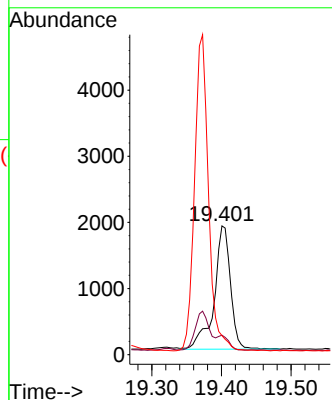
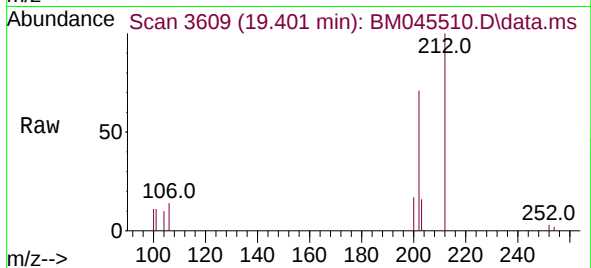
Tgt Ion:202 Resp: 3041

Ion Ratio Lower Upper

202 100

101 15.2 11.5 17.3

100 14.8 10.6 15.8



#21

Benzo(a)anthracene

Concen: 0.150 ng/ul

RT: 21.176 min Scan# 4076

Delta R.T. -0.017 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

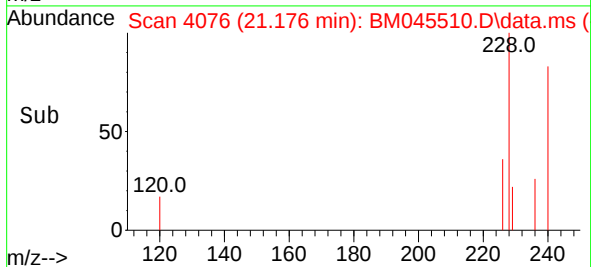
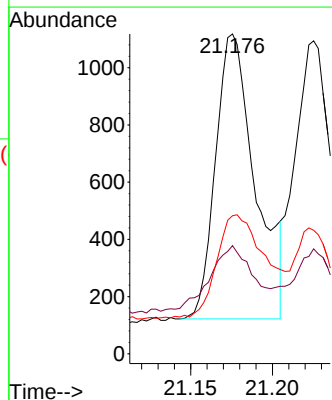
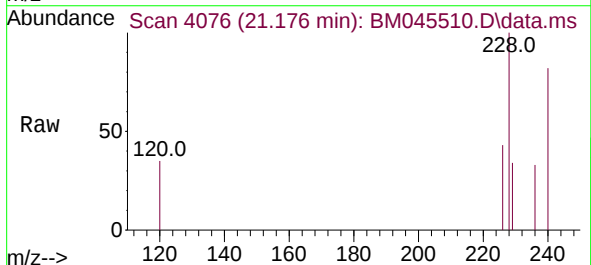
Tgt Ion:228 Resp: 1680

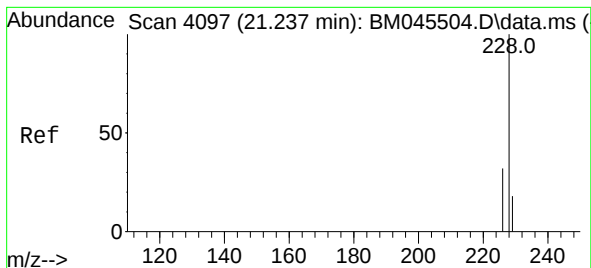
Ion Ratio Lower Upper

228 100

229 33.8 19.4 29.2#

226 43.2 26.3 39.5#





#22

Chrysene

Concen: 0.090 ng/ul

RT: 21.225 min Scan# 4093

Delta R.T. -0.012 min

Lab File: BM045510.D

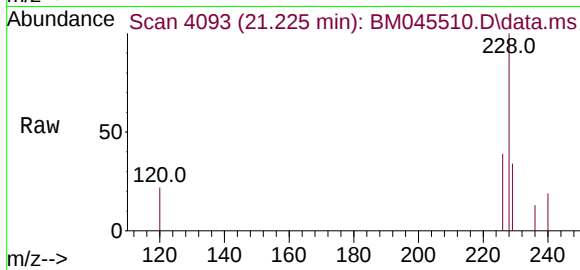
Acq: 23 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AB1



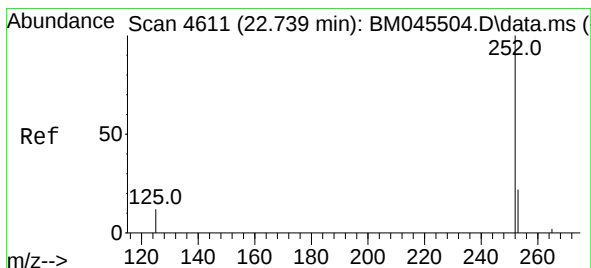
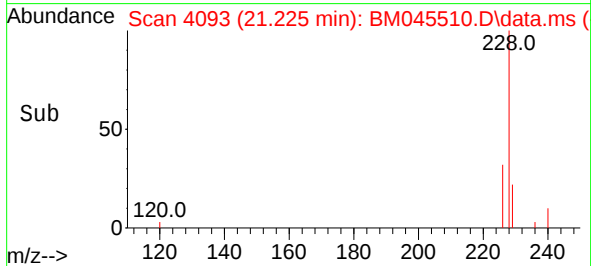
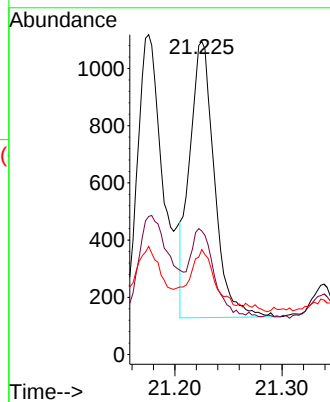
Tgt Ion:228 Resp: 1553

Ion Ratio Lower Upper

228 100

226 39.5 26.3 39.5#

229 33.5 17.8 26.8#



#24

Benzo(b)fluoranthene

Concen: 0.173 ng/ul

RT: 22.721 min Scan# 4605

Delta R.T. -0.018 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

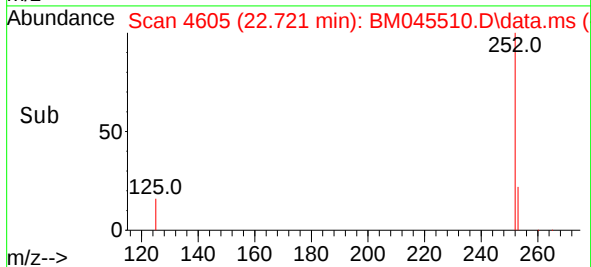
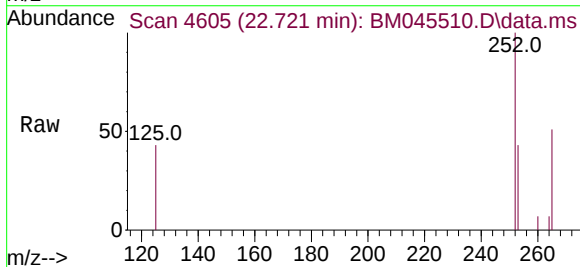
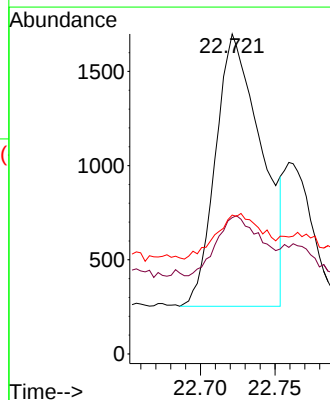
Tgt Ion:252 Resp: 3090

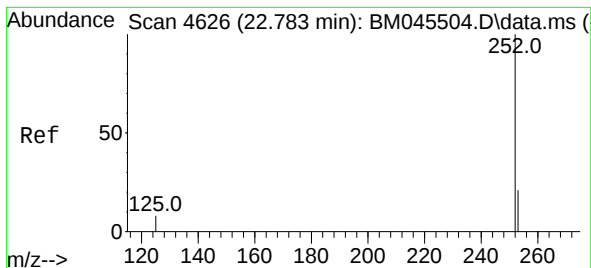
Ion Ratio Lower Upper

252 100

253 42.6 0.0 63.4

125 43.4 0.0 36.8#





#25

Benzo(k)fluoranthene

Concen: 0.184 ng/ul

RT: 22.721 min Scan# 4

Delta R.T. -0.061 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

Instrument :

BNA_M

ClientSampleId :

C0AB1

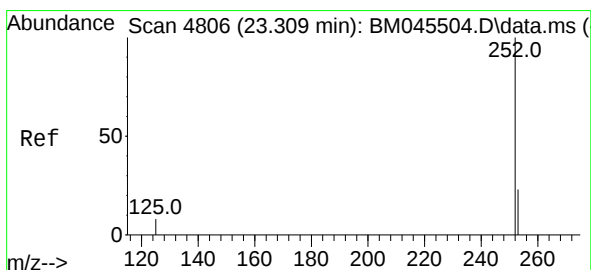
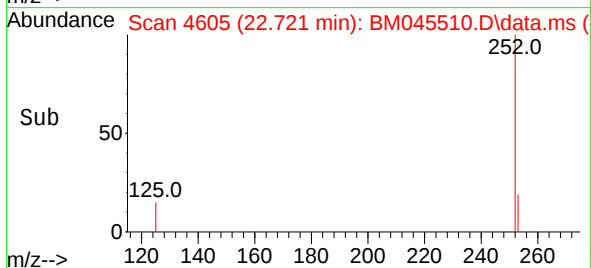
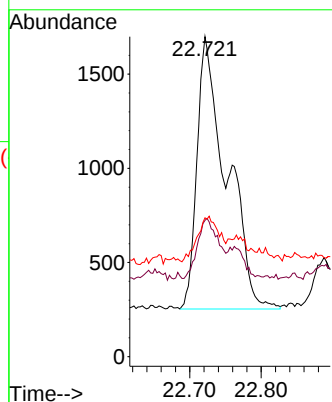
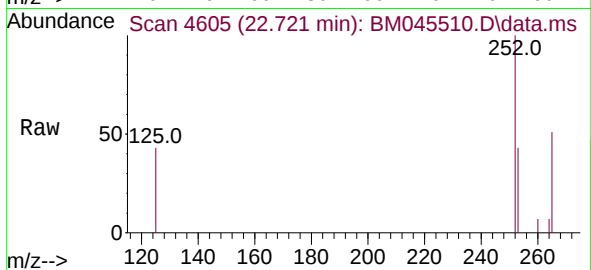
Tgt Ion:252 Resp: 4165

Ion Ratio Lower Upper

252 100

253 42.6 25.4 38.0#

125 43.4 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. -0.035 min

Lab File: BM045510.D

Acq: 23 Apr 2024 12:37

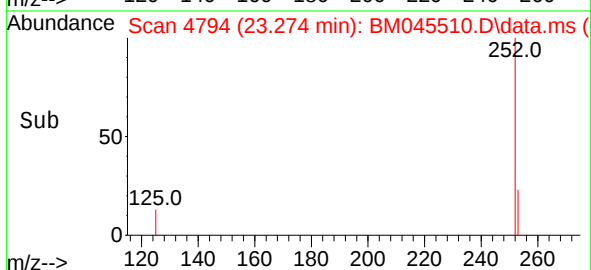
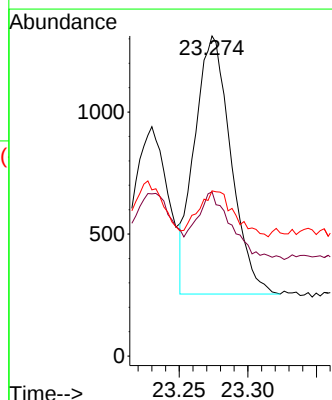
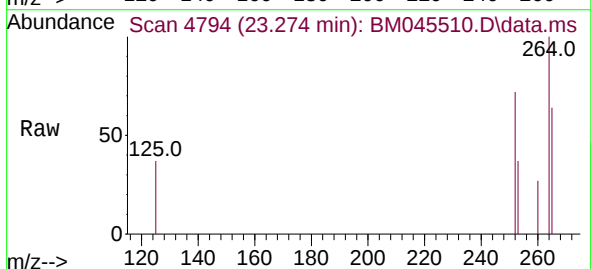
Tgt Ion:252 Resp: 1951

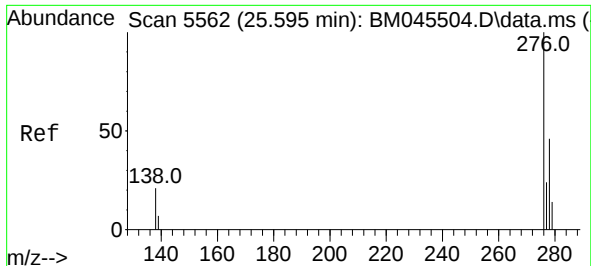
Ion Ratio Lower Upper

252 100

253 51.3 31.6 47.4#

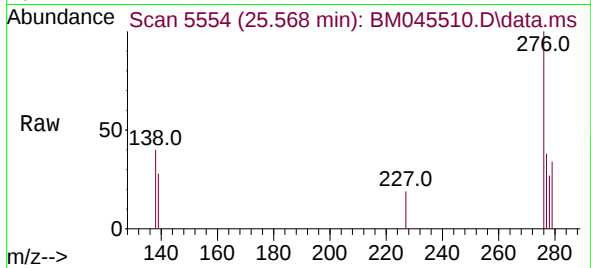
125 51.6 19.5 29.3#



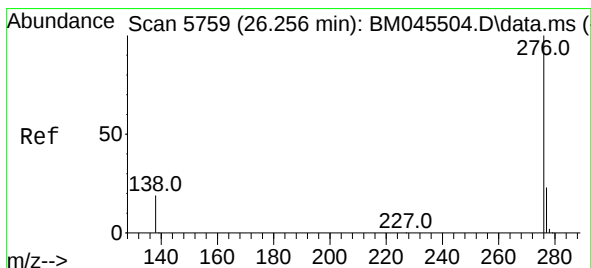
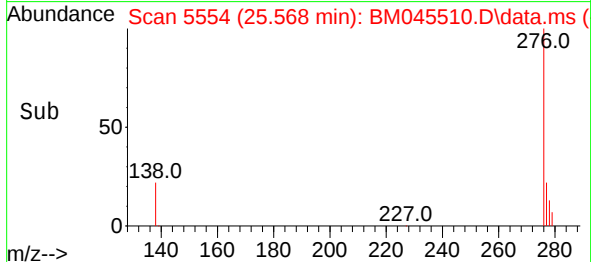
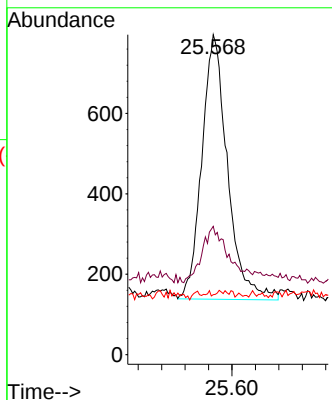


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 25.568 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

Instrument :
BNA_M
ClientSampleId :
C0AB1



Tgt Ion:276 Resp: 2000
Ion Ratio Lower Upper
276 100
138 22.1 19.8 29.6
227 0.4 0.2 0.2#



#29
Benzo(g,h,i)perylene
Concen: 0.083 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. -0.023 min
Lab File: BM045510.D
Acq: 23 Apr 2024 12:37

Tgt Ion:276 Resp: 2016
Ion Ratio Lower Upper
276 100
138 40.0 20.8 31.2#
277 40.2 21.8 32.8#

