

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045506.D
 Acq On : 23 Apr 2024 10:11
 Operator : MA/JU
 Sample : P2104-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Quant Time: Apr 24 04:49:18 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)

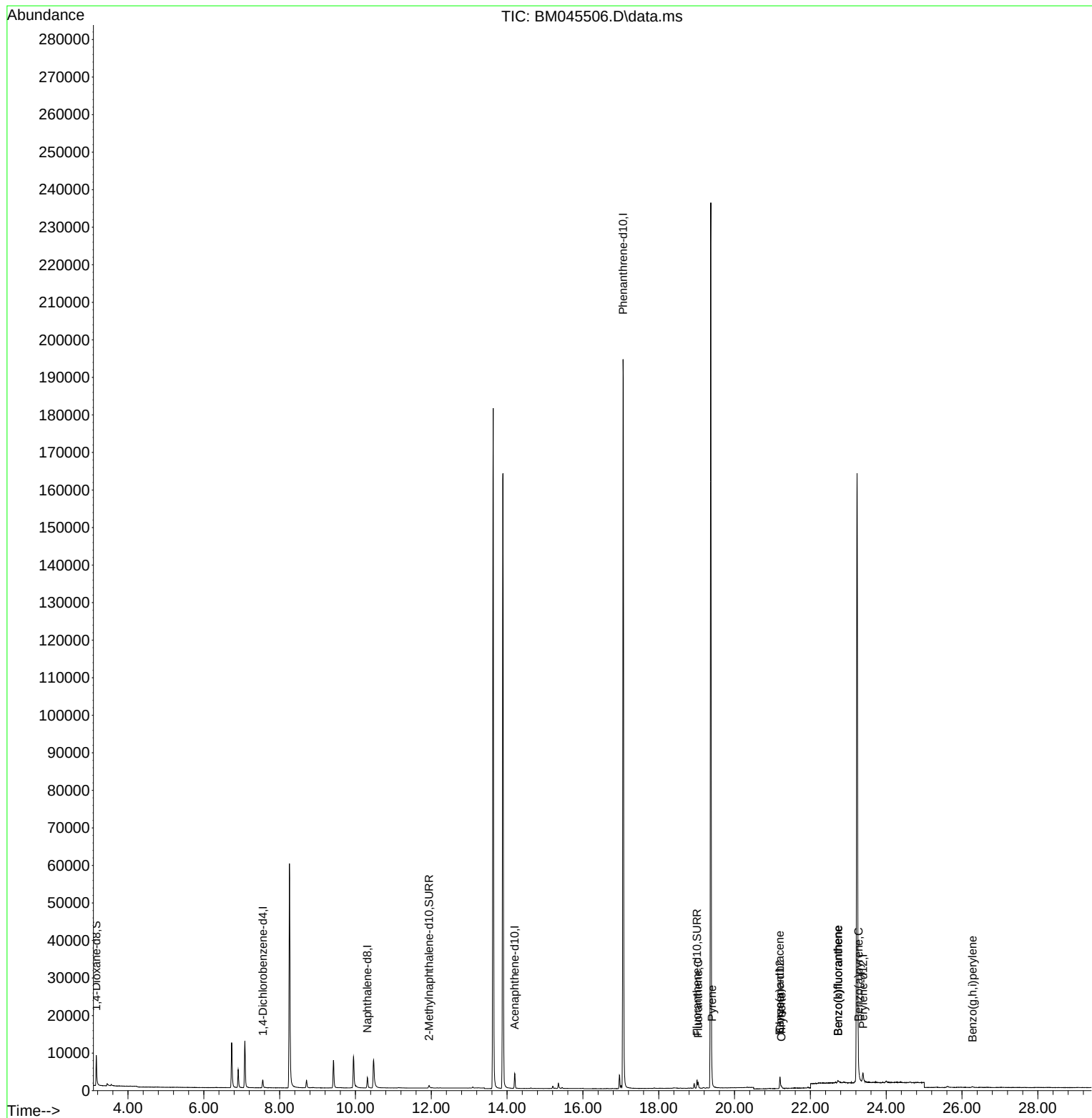
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1250	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	3903	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.200	164	2199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.060	188	239627	0.400	ng/ul	# 0.07
17) Chrysene-d12	21.199	240	2999	0.400	ng/ul	0.00
23) Perylene-d12	23.388	264	4374	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5659	3.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	1260	0.245	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	2546	0.270	ng/ul	-0.01
Target Compounds				Qvalue		
19) Fluoranthene	19.038	202	1362	0.098	ng/ul	95
20) Pyrene	19.401	202	1526	0.107	ng/ul#	87
21) Benzo(a)anthracene	21.190	228	695	0.073	ng/ul#	75
22) Chrysene	21.237	228	624	0.042	ng/ul#	74
24) Benzo(b)fluoranthene	22.727	252	954	0.065	ng/ul#	1
25) Benzo(k)fluoranthene	22.727	252	1134	0.061	ng/ul#	1
26) Benzo(a)pyrene	23.274	252	617	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	26.276	276	496	0.025	ng/ul#	11

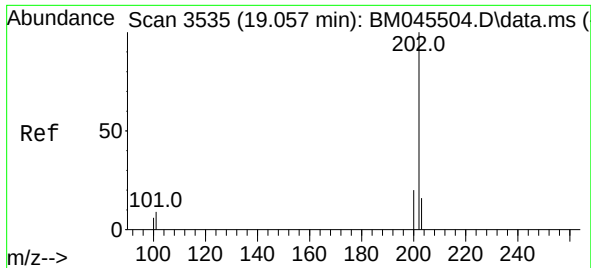
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Fluoranthene

Concen: 0.098 ng/ul

RT: 19.038 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM045506.D

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Instrument :

BNA_M

ClientSampleId :

C0AA6

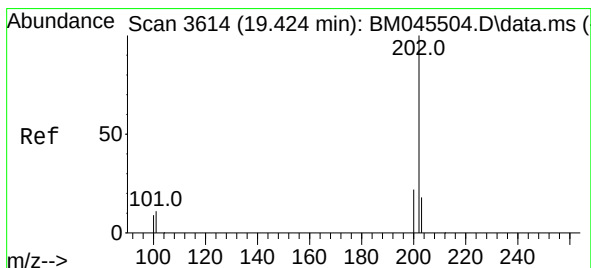
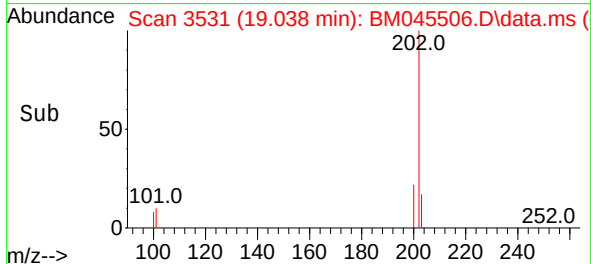
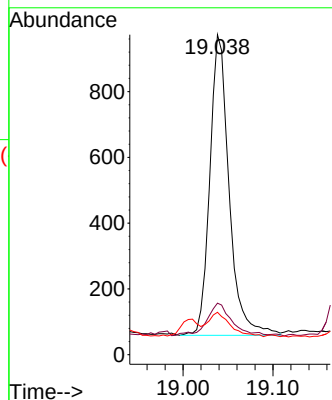
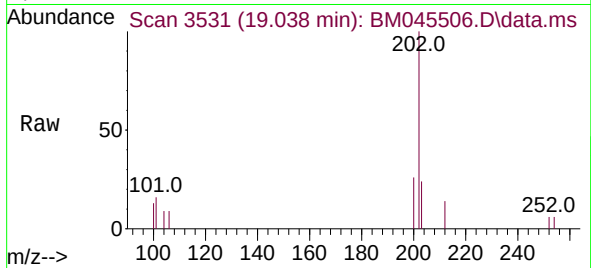
Tgt Ion:202 Resp: 1362

Ion Ratio Lower Upper

202 100

101 16.1 11.2 16.8

100 13.3 9.1 13.7



#20

Pyrene

Concen: 0.107 ng/ul

RT: 19.401 min Scan# 3609

Delta R.T. -0.023 min

Lab File: BM045506.D

Acq: 23 Apr 2024 10:11

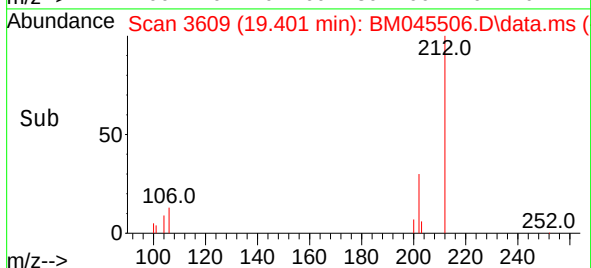
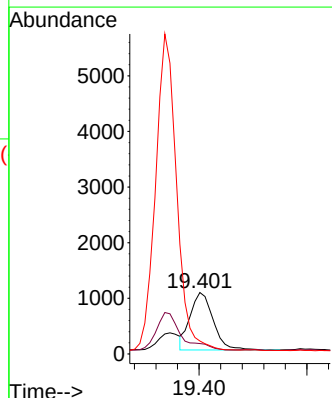
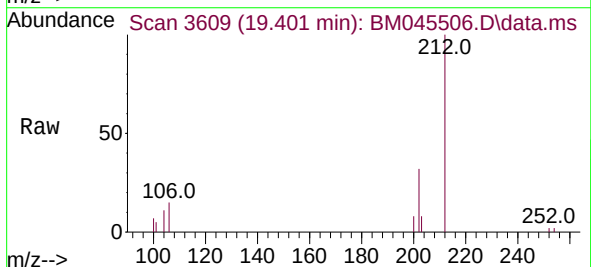
Tgt Ion:202 Resp: 1526

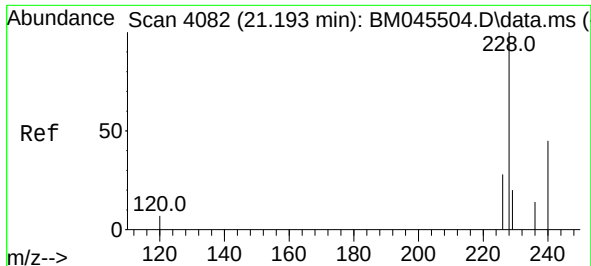
Ion Ratio Lower Upper

202 100

101 17.0 11.5 17.3

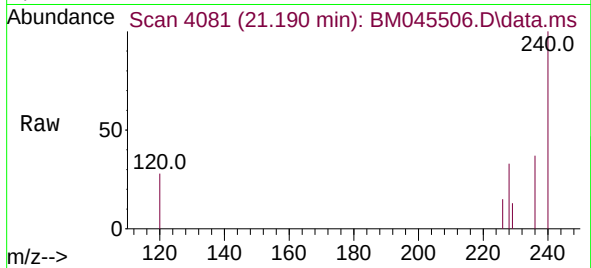
100 21.0 10.6 15.8#



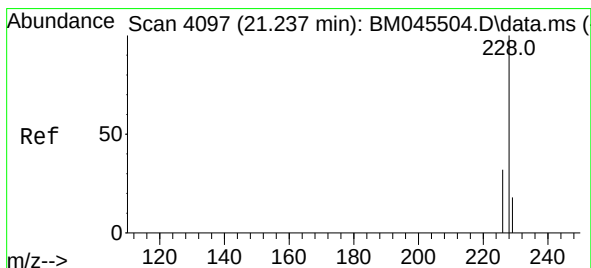
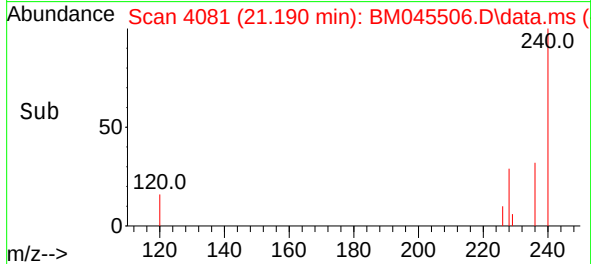
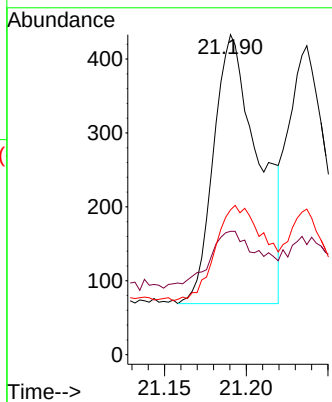


#21
Benzo(a)anthracene
Concen: 0.073 ng/ul
RT: 21.190 min Scan# 4081
Delta R.T. -0.003 min
Lab File: BM045506.D
Acq: 23 Apr 2024 10:11

Instrument :
BNA_M
ClientSampleId :
C0AA6

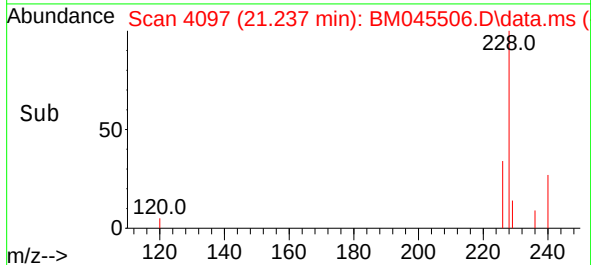
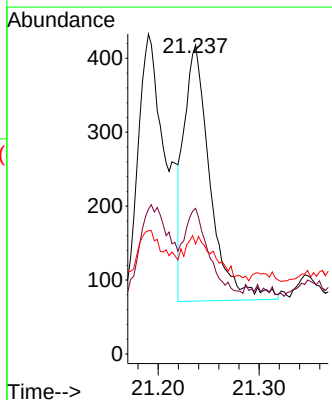
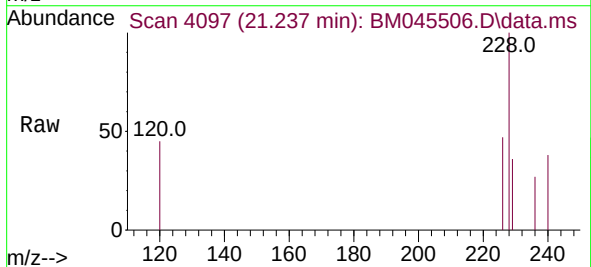


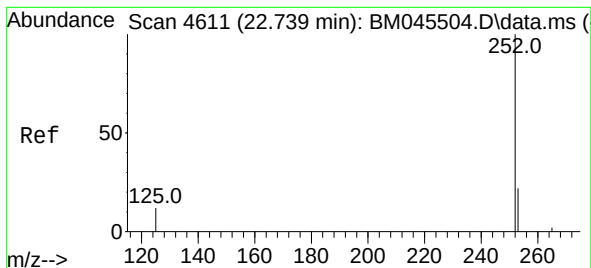
Tgt Ion:228 Resp: 695
Ion Ratio Lower Upper
228 100
229 38.6 19.4 29.2#
226 45.3 26.3 39.5#



#22
Chrysene
Concen: 0.042 ng/ul
RT: 21.237 min Scan# 4097
Delta R.T. 0.000 min
Lab File: BM045506.D
Acq: 23 Apr 2024 10:11

Tgt Ion:228 Resp: 624
Ion Ratio Lower Upper
228 100
226 47.1 26.3 39.5#
229 35.6 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 0.065 ng/ul

RT: 22.727 min Scan# 4

Delta R.T. -0.011 min

Lab File: BM045506.D

Acq: 23 Apr 2024 10:11

Instrument :

BNA_M

ClientSampleId :

C0AA6

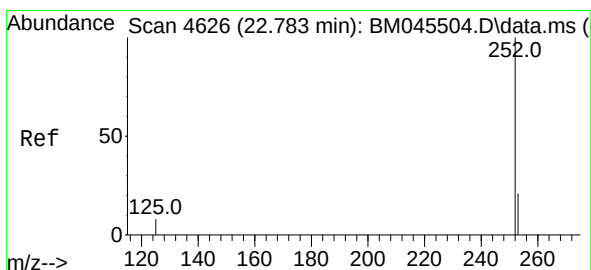
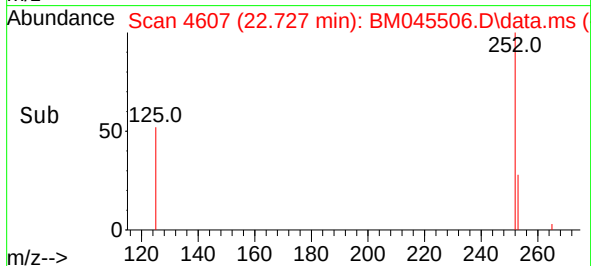
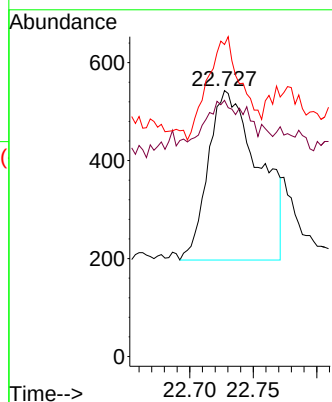
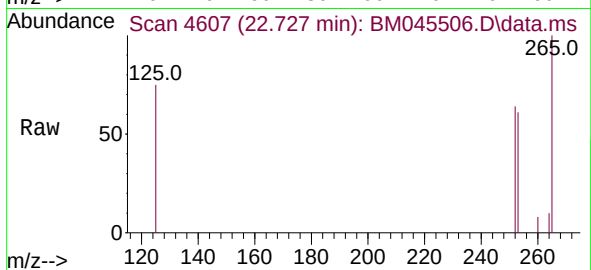
Tgt Ion:252 Resp: 954

Ion Ratio Lower Upper

252 100

253 96.3 0.0 63.4#

125 117.3 0.0 36.8#



#25

Benzo(k)fluoranthene

Concen: 0.061 ng/ul

RT: 22.727 min Scan# 4607

Delta R.T. -0.055 min

Lab File: BM045506.D

Acq: 23 Apr 2024 10:11

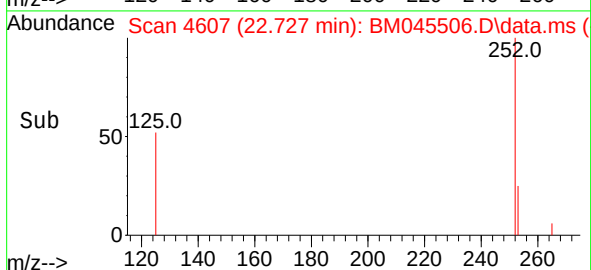
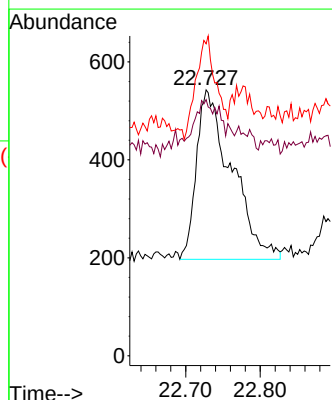
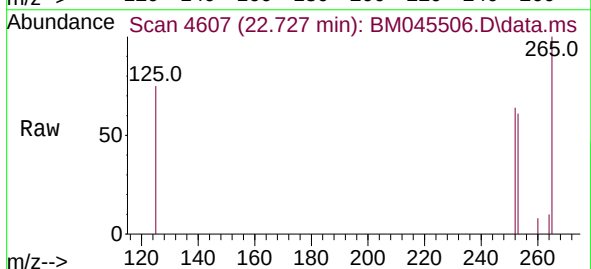
Tgt Ion:252 Resp: 1134

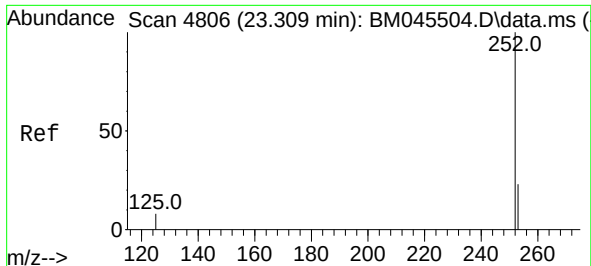
Ion Ratio Lower Upper

252 100

253 96.3 25.4 38.0#

125 117.3 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.040 ng/ul

RT: 23.274 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM045506.D

Acq: 23 Apr 2024 10:11

Instrument :

BNA_M

ClientSampleId :

C0AA6

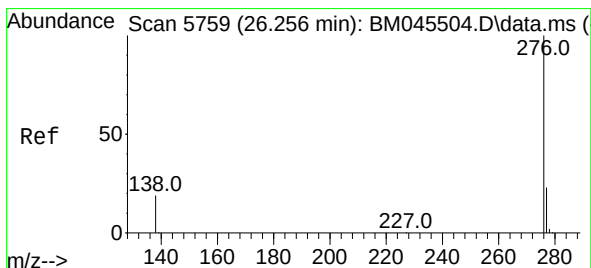
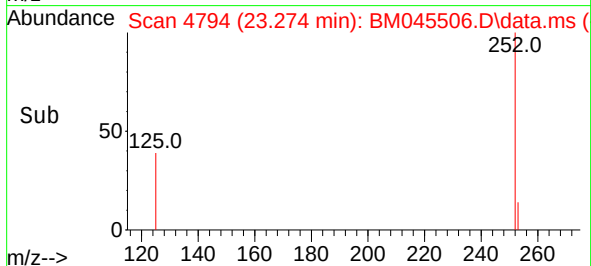
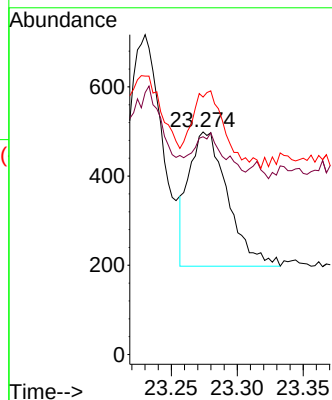
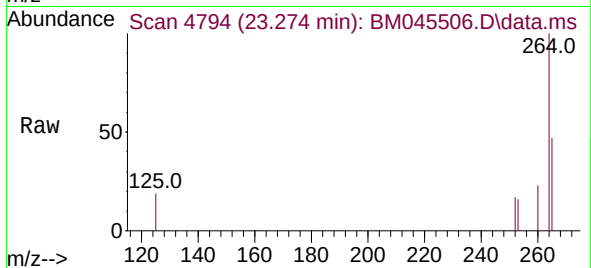
Tgt Ion:252 Resp: 617

Ion Ratio Lower Upper

252 100

253 97.8 31.6 47.4#

125 115.6 19.5 29.3#



#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.276 min Scan# 5765

Delta R.T. 0.020 min

Lab File: BM045506.D

Acq: 23 Apr 2024 10:11

Tgt Ion:276 Resp: 496

Ion Ratio Lower Upper

276 100

138 86.5 20.8 31.2#

277 59.1 21.8 32.8#

