

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045518.D
 Acq On : 23 Apr 2024 17:48
 Operator : MA/JU
 Sample : P2104-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Quant Time: Apr 24 05:19:30 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 05:17:39 2024
 Response via : Initial Calibration

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

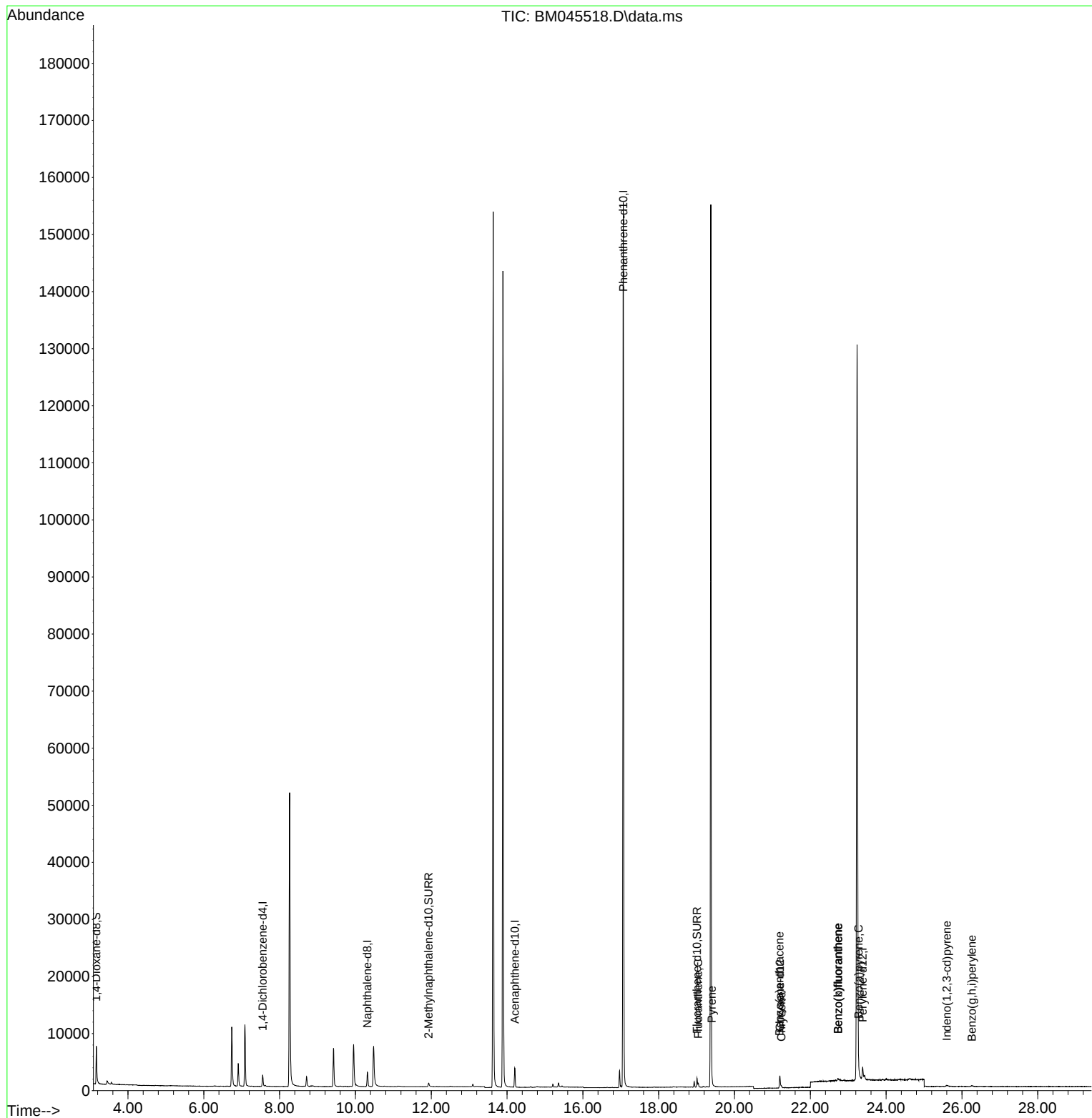
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1139	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	3599	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.206	164	1914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.065	188	183667	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.198	240	2168	0.400	ng/ul	0.00
23) Perylene-d12	23.381	264	3448	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4672	3.060	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	1098	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1837	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Fluoranthene	19.039	202	664	0.066	ng/ul#	82
20) Pyrene	19.402	202	612	0.060	ng/ul#	68
21) Benzo(a)anthracene	21.186	228	387	0.056	ng/ul#	65
22) Chrysene	21.233	228	335	0.031	ng/ul#	66
24) Benzo(b)fluoranthene	22.729	252	644	0.056	ng/ul#	1
25) Benzo(k)fluoranthene	22.729	252	878	0.060	ng/ul#	1
26) Benzo(a)pyrene	23.276	252	399	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.598	276	366	0.021	ng/ul#	62
29) Benzo(g,h,i)perylene	26.262	276	396	0.025	ng/ul#	22

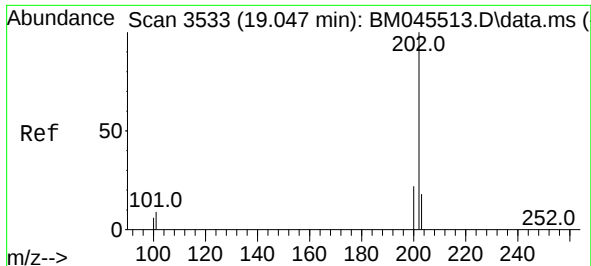
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Fluoranthene

Concen: 0.066 ng/ul

RT: 19.039 min Scan# 3533

Delta R.T. -0.008 min

Lab File: BM045518.D

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ClientSampleId :

C0AD1

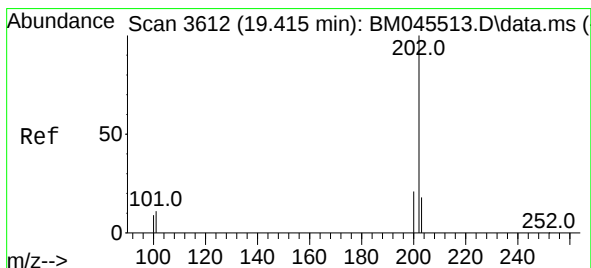
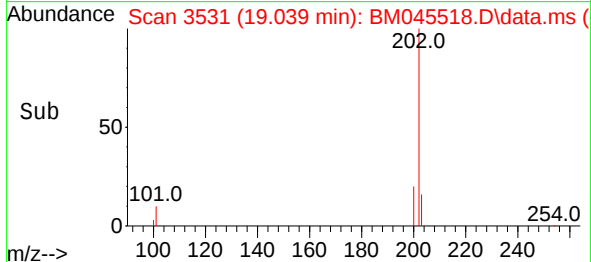
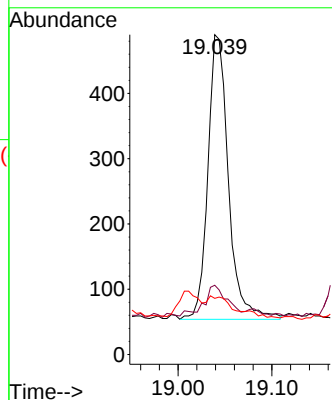
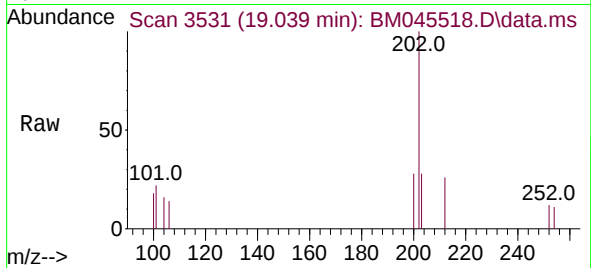
Tgt Ion:202 Resp: 664

Ion Ratio Lower Upper

202 100

101 21.6 11.2 16.8#

100 17.6 9.1 13.7#



#20

Pyrene

Concen: 0.060 ng/ul

RT: 19.402 min Scan# 3609

Delta R.T. -0.013 min

Lab File: BM045518.D

Acq: 23 Apr 2024 17:48

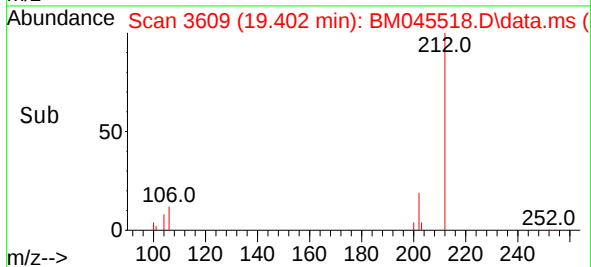
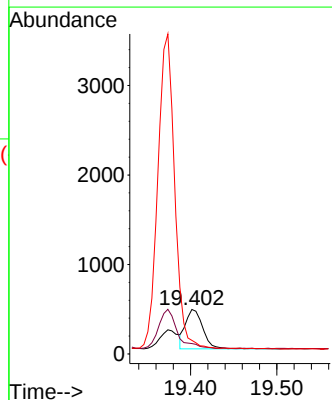
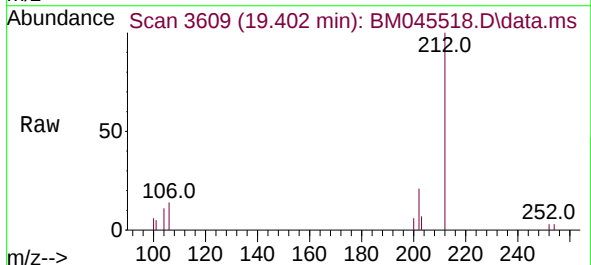
Tgt Ion:202 Resp: 612

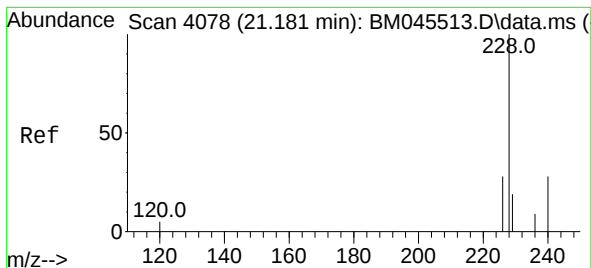
Ion Ratio Lower Upper

202 100

101 23.5 11.5 17.3#

100 30.6 10.6 15.8#





#21

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.186 min Scan# 4078

Delta R.T. 0.005 min

Lab File: BM045518.D

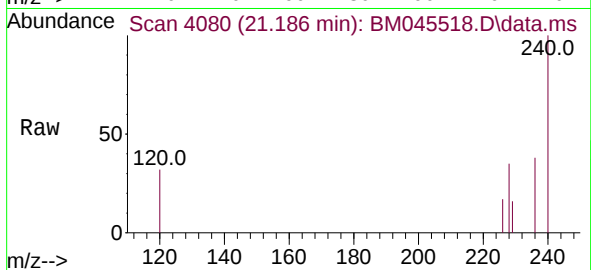
Acq: 23 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

C0AD1



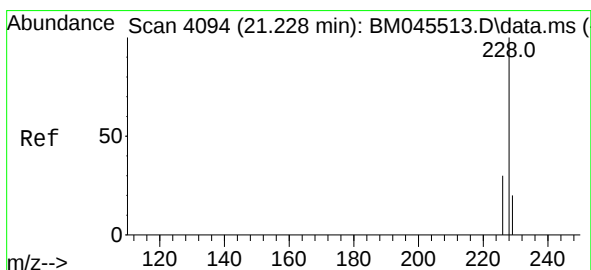
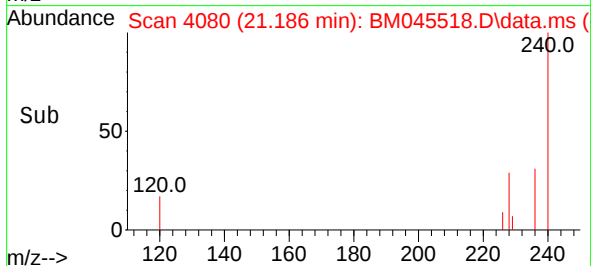
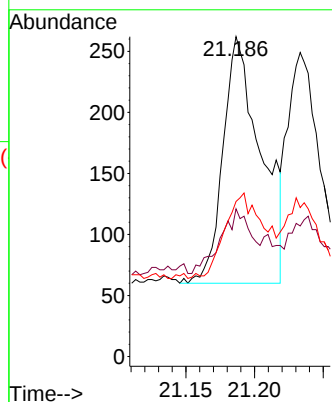
Tgt Ion:228 Resp: 387

Ion Ratio Lower Upper

228 100

229 46.2 19.4 29.2#

226 48.5 26.3 39.5#



#22

Chrysene

Concen: 0.031 ng/ul

RT: 21.233 min Scan# 4096

Delta R.T. 0.005 min

Lab File: BM045518.D

Acq: 23 Apr 2024 17:48

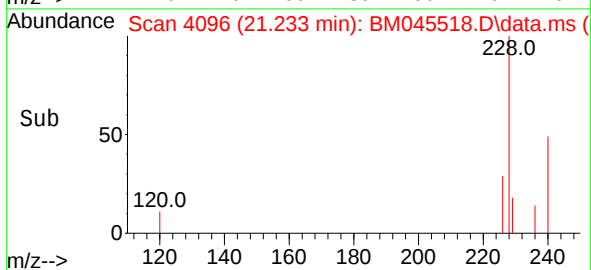
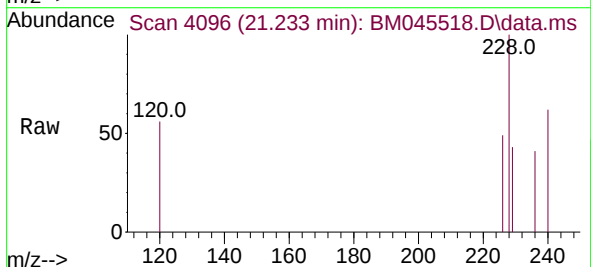
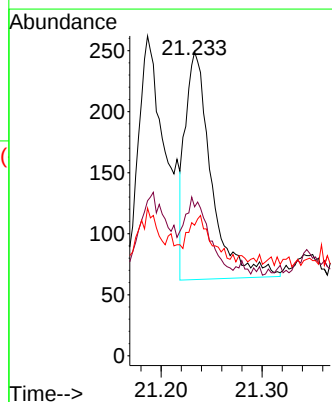
Tgt Ion:228 Resp: 335

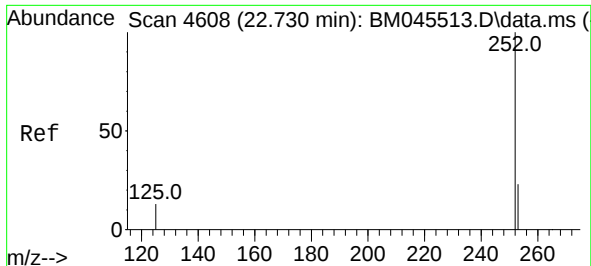
Ion Ratio Lower Upper

228 100

226 49.0 26.3 39.5#

229 43.0 17.8 26.8#





#24

Benzo(b)fluoranthene

Concen: 0.056 ng/ul

RT: 22.729 min Scan# 4608

Delta R.T. -0.001 min

Lab File: BM045518.D

Acq: 23 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

C0AD1

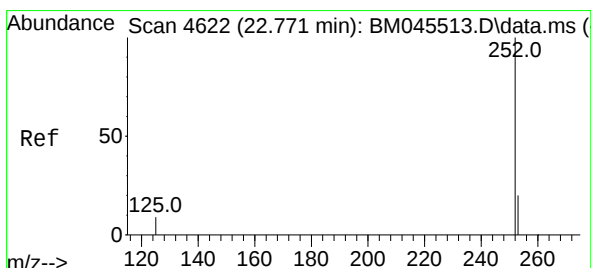
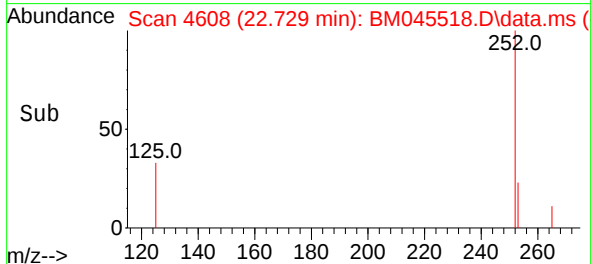
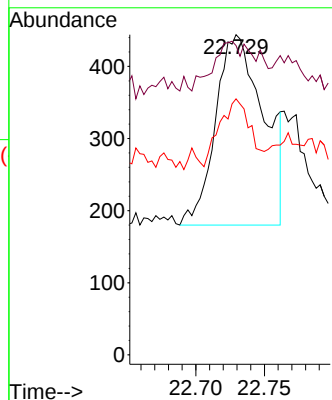
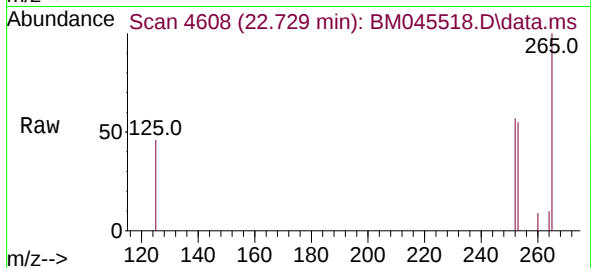
Tgt Ion:252 Resp: 644

Ion Ratio Lower Upper

252 100

253 96.6 0.0 63.4#

125 80.0 0.0 36.8#



#25

Benzo(k)fluoranthene

Concen: 0.060 ng/ul

RT: 22.729 min Scan# 4608

Delta R.T. -0.042 min

Lab File: BM045518.D

Acq: 23 Apr 2024 17:48

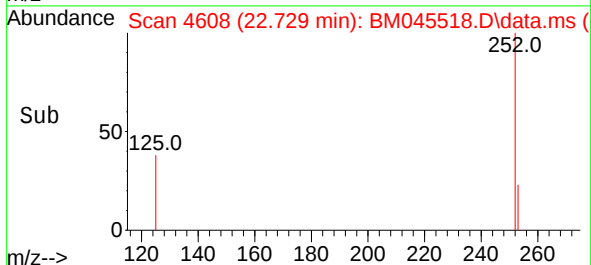
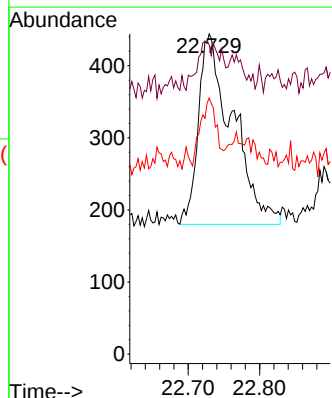
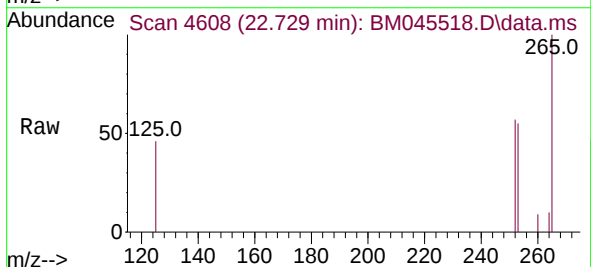
Tgt Ion:252 Resp: 878

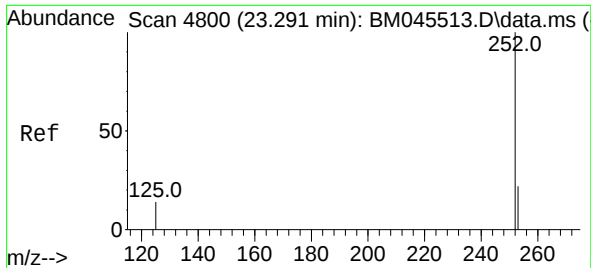
Ion Ratio Lower Upper

252 100

253 96.6 25.4 38.0#

125 80.0 14.8 22.2#

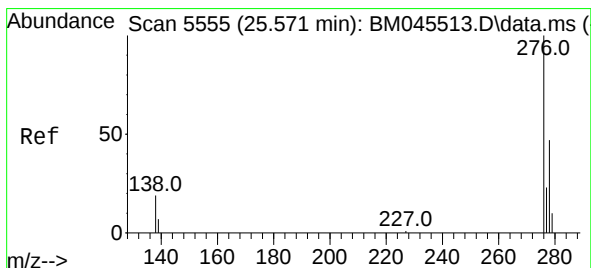
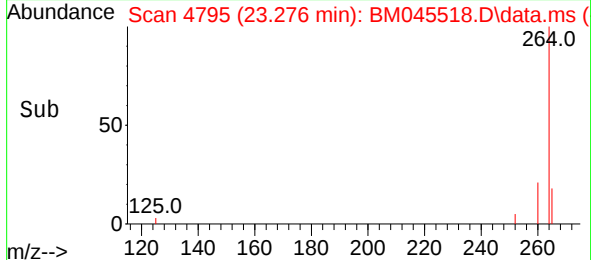
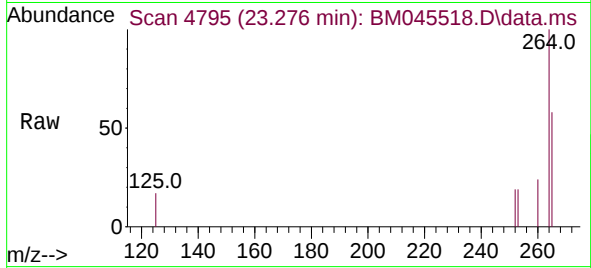




#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.276 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

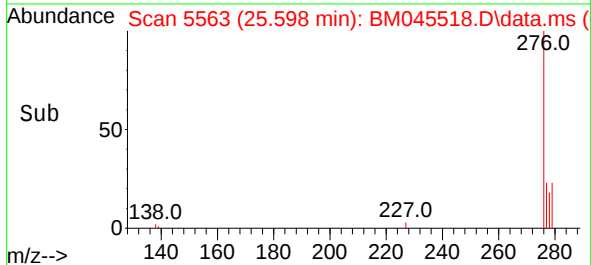
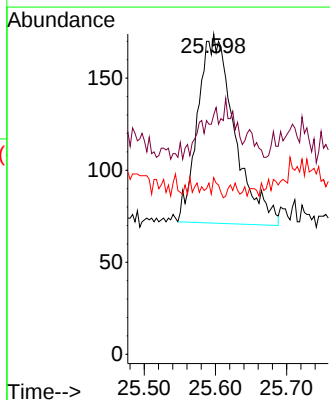
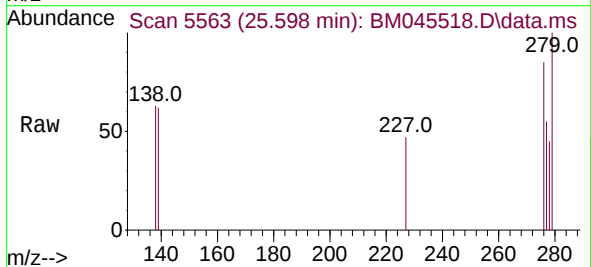
Instrument :
BNA_M
ClientSampleId :
C0AD1

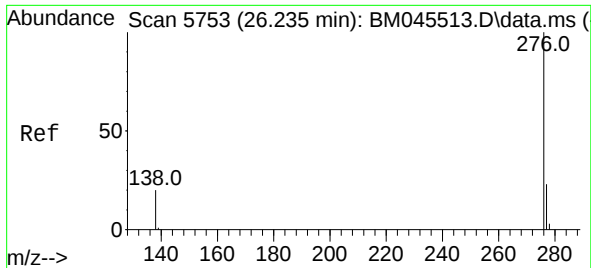
Tgt Ion:252 Resp: 399
Ion Ratio Lower Upper
252 100
253 101.0 31.6 47.4#
125 86.7 19.5 29.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.598 min Scan# 5563
Delta R.T. 0.026 min
Lab File: BM045518.D
Acq: 23 Apr 2024 17:48

Tgt Ion:276 Resp: 366
Ion Ratio Lower Upper
276 100
138 5.5 19.8 29.6#
227 2.2 0.2 0.2#





#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.262 min Scan# 5

Delta R.T. 0.026 min

Lab File: BM045518.D

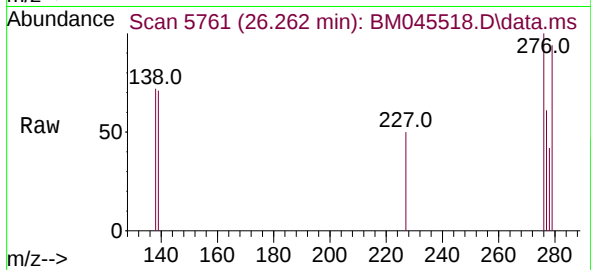
Acq: 23 Apr 2024 17:48

Instrument :

BNA_M

ClientSampleId :

C0AD1



Tgt Ion:276 Resp: 396

Ion Ratio Lower Upper

276 100

138 72.3 20.8 31.2#

277 61.0 21.8 32.8#

