

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046581.D
 Acq On : 13 Jul 2024 13:51
 Operator : MA/JU
 Sample : P3088-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

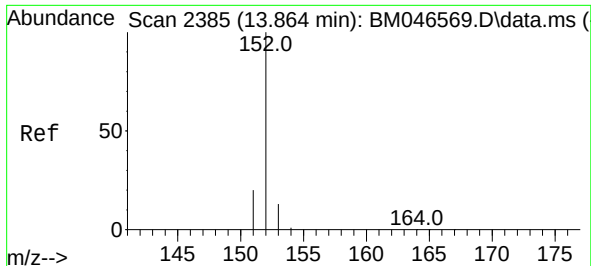
Instrument :
 BNA_M
 ClientSampleId :
 A4CZ0

Quant Time: Jul 15 09:02:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	11375	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.155	164	7104	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.90
17) Chrysene-d12	21.111	240	9166	0.400	ng/ul #	0.00
23) Perylene-d12	23.256	264	9566	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8051	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	4054	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	8116	0.291	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.873	152	1404	0.043	ng/ul#	80
19) Fluoranthene	18.974	202	10051	0.267	ng/ul#	89
20) Pyrene	19.341	202	9243	0.227	ng/ul#	86
21) Benzo(a)anthracene	21.096	228	4012	0.099	ng/ul#	61
22) Chrysene	21.146	228	4586	0.117	ng/ul#	68
24) Benzo(b)fluoranthene	22.621	252	8360	0.219	ng/ul#	30
25) Benzo(k)fluoranthene	22.621	252	8360	0.223	ng/ul#	29
26) Benzo(a)pyrene	23.162	252	3635	0.116	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	25.376	276	3254	0.068	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.393	278	788	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276	3315	0.087	ng/ul#	37

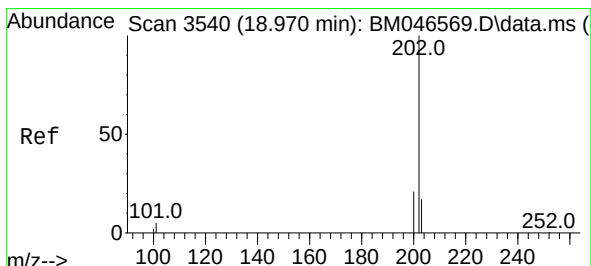
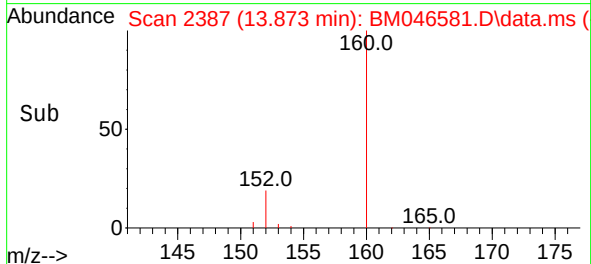
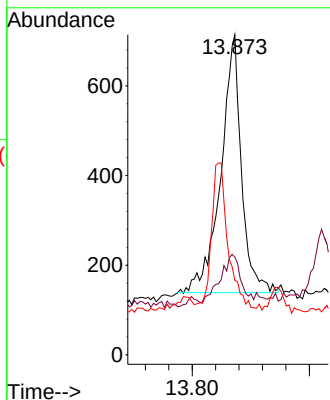
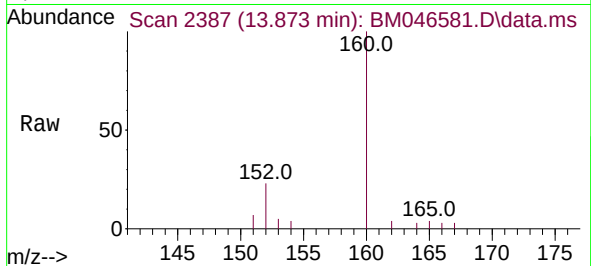
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 13.873 min Scan# 24
Delta R.T. 0.009 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

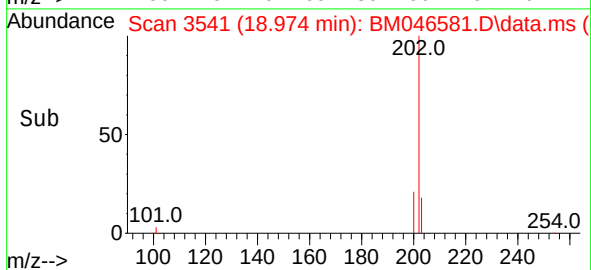
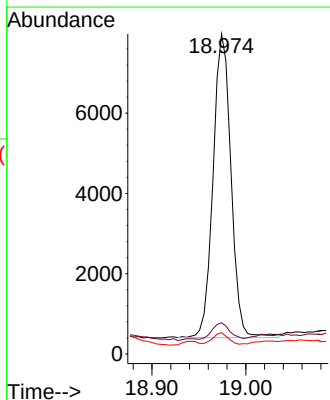
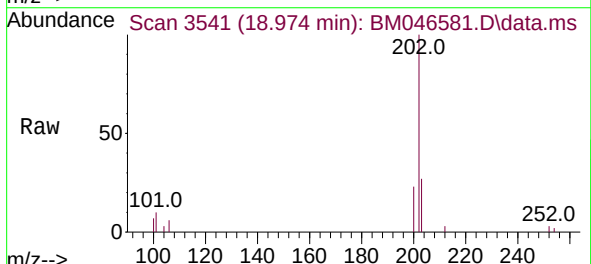
Instrument :
BNA_M
ClientSampleId :
A4CZ0

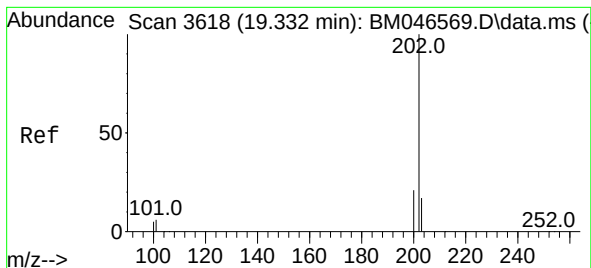
Tgt Ion:152 Resp: 1404
Ion Ratio Lower Upper
152 100
151 30.5 16.4 24.6#
153 23.2 12.4 18.6#



#19
Fluoranthene
Concen: 0.267 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. 0.004 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

Tgt Ion:202 Resp: 10051
Ion Ratio Lower Upper
202 100
101 9.7 4.6 6.8#
100 6.6 3.0 4.6#





#20

Pyrene

Concen: 0.227 ng/ul

RT: 19.341 min Scan# 3

Delta R.T. 0.009 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

Instrument :

BNA_M

ClientSampleId :

A4CZ0

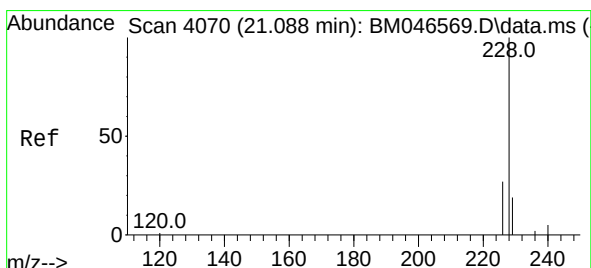
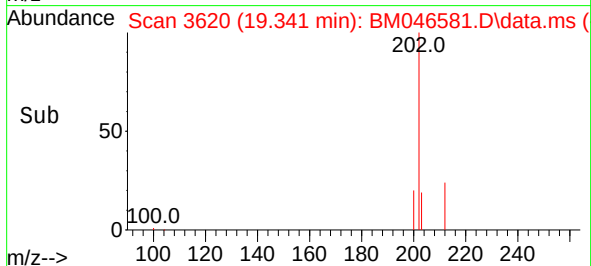
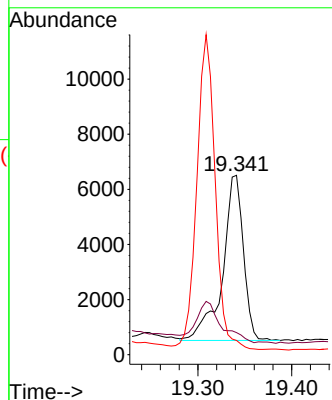
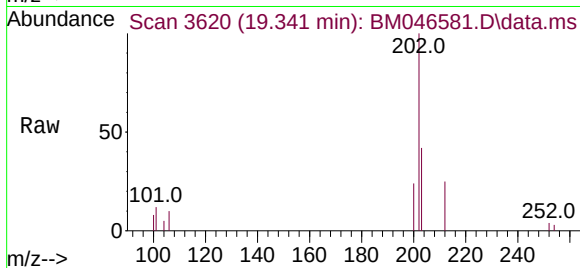
Tgt Ion:202 Resp: 9243

Ion Ratio Lower Upper

202 100

101 12.3 5.1 7.7#

100 8.0 3.8 5.6#



#21

Benzo(a)anthracene

Concen: 0.099 ng/ul

RT: 21.096 min Scan# 4073

Delta R.T. 0.008 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

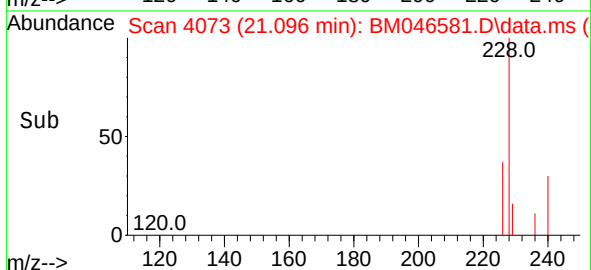
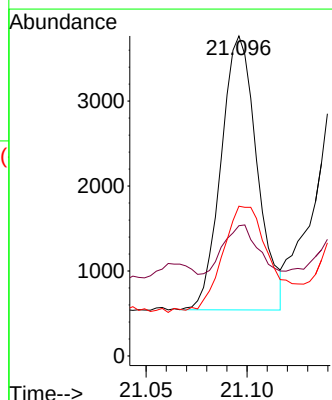
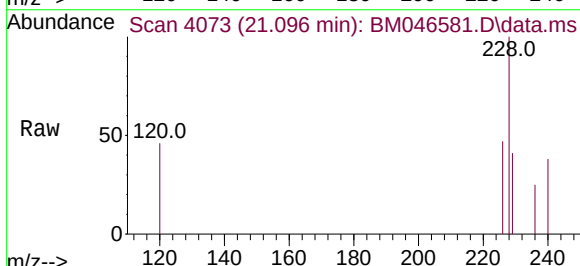
Tgt Ion:228 Resp: 4012

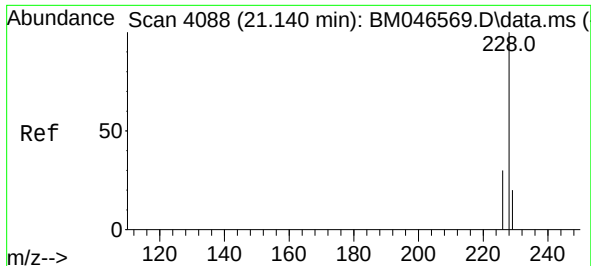
Ion Ratio Lower Upper

228 100

229 40.7 16.5 24.7#

226 46.8 22.5 33.7#

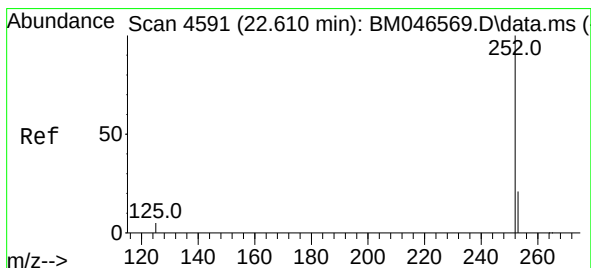
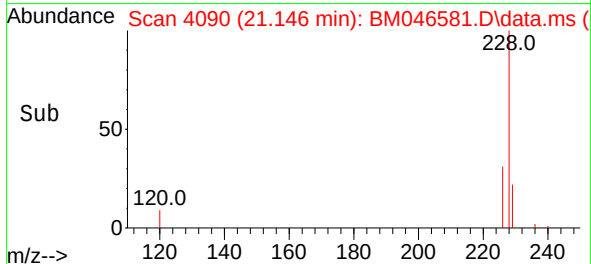
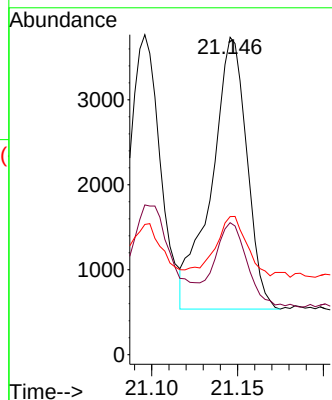
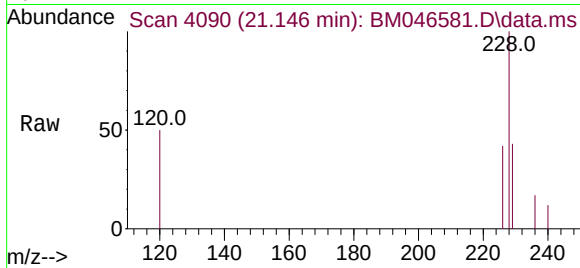




#22
Chrysene
Concen: 0.117 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.005 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

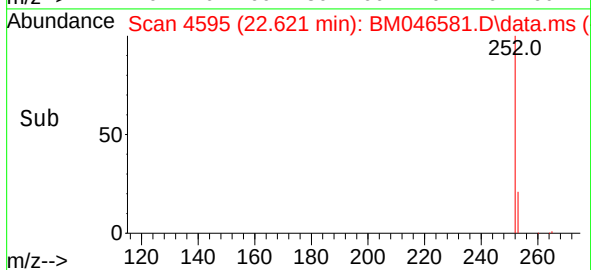
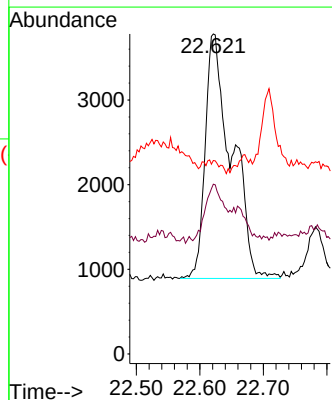
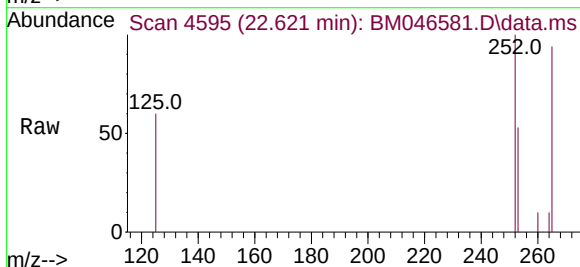
Instrument :
BNA_M
ClientSampleId :
A4CZ0

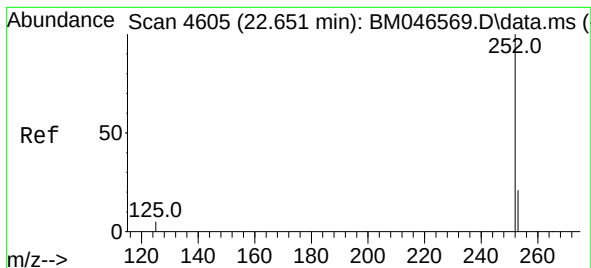
Tgt Ion:228 Resp: 4586
Ion Ratio Lower Upper
228 100
226 41.6 24.3 36.5#
229 43.5 16.4 24.6#



#24
Benzo(b)fluoranthene
Concen: 0.219 ng/ul
RT: 22.621 min Scan# 4595
Delta R.T. 0.011 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

Tgt Ion:252 Resp: 8360
Ion Ratio Lower Upper
252 100
253 53.0 0.0 56.2
125 60.5 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.223 ng/ul

RT: 22.621 min Scan# 4

Delta R.T. -0.030 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

Instrument :

BNA_M

ClientSampleId :

A4CZ0

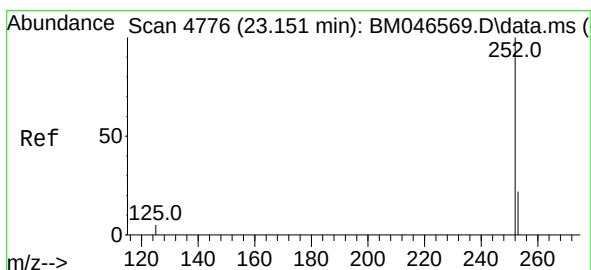
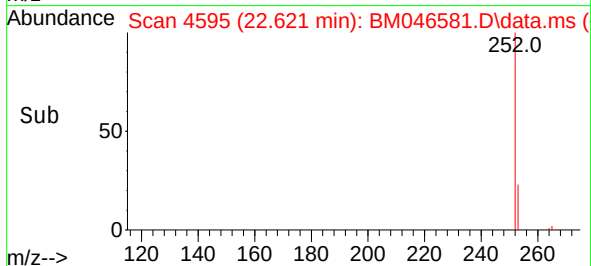
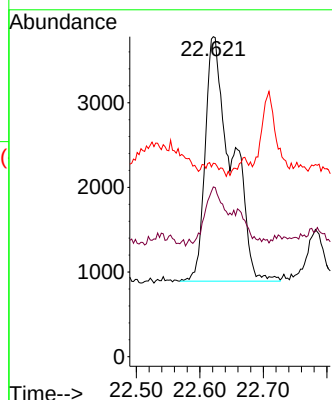
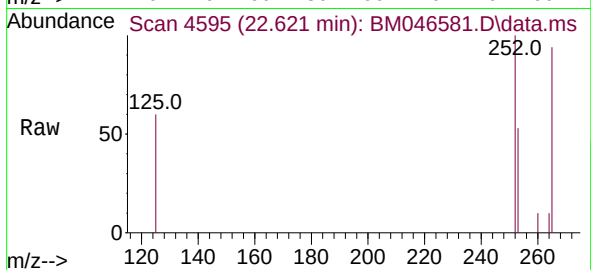
Tgt Ion:252 Resp: 8360

Ion Ratio Lower Upper

252 100

253 53.0 22.4 33.6#

125 60.5 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.116 ng/ul

RT: 23.162 min Scan# 4780

Delta R.T. 0.011 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

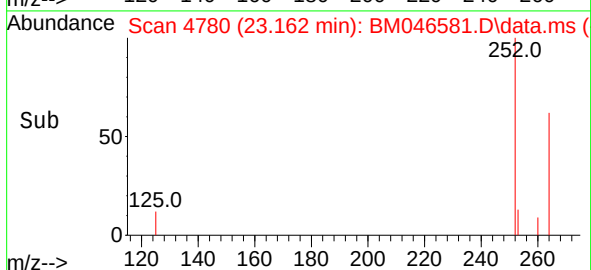
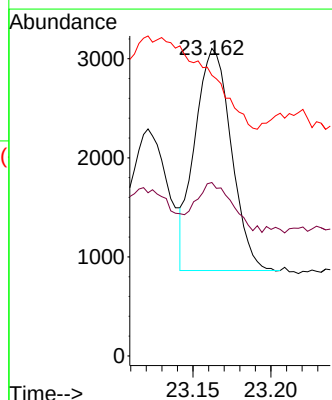
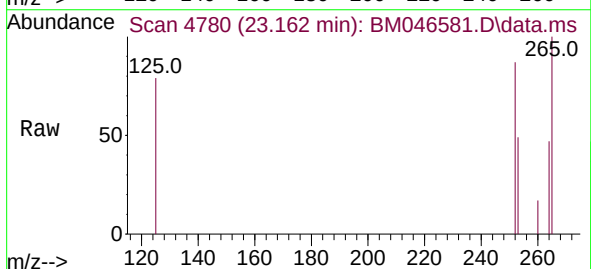
Tgt Ion:252 Resp: 3635

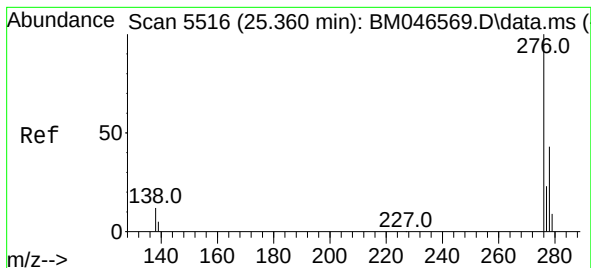
Ion Ratio Lower Upper

252 100

253 56.4 24.0 36.0#

125 91.2 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.068 ng/ul

RT: 25.376 min Scan# 5521

Delta R.T. 0.016 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

Instrument :

BNA_M

ClientSampleId :

A4CZ0

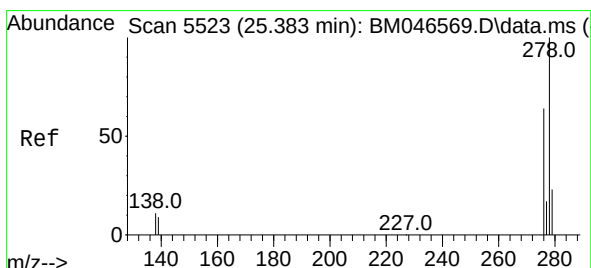
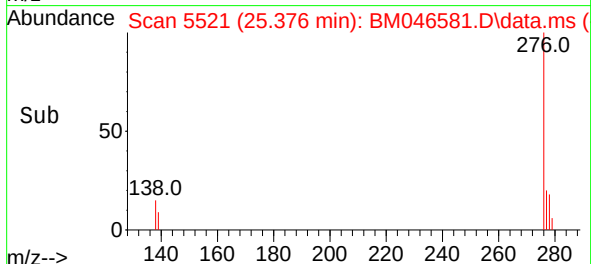
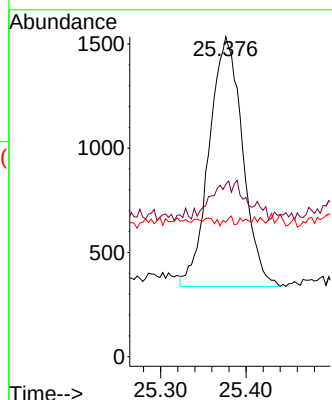
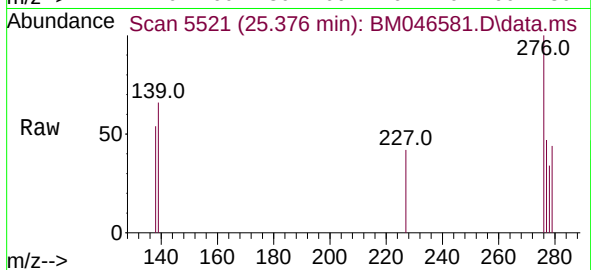
Tgt Ion:276 Resp: 3254

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

227 0.9 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 25.393 min Scan# 5526

Delta R.T. 0.010 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

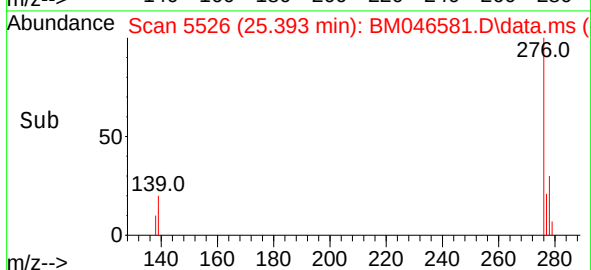
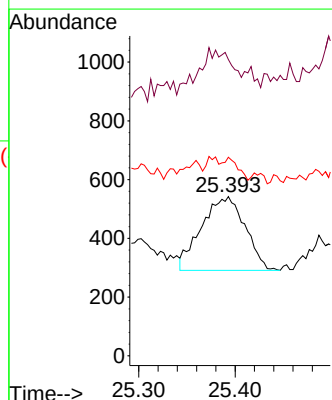
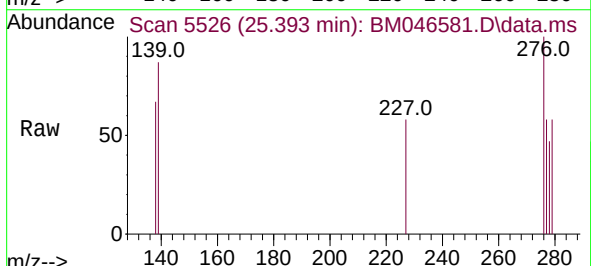
Tgt Ion:278 Resp: 788

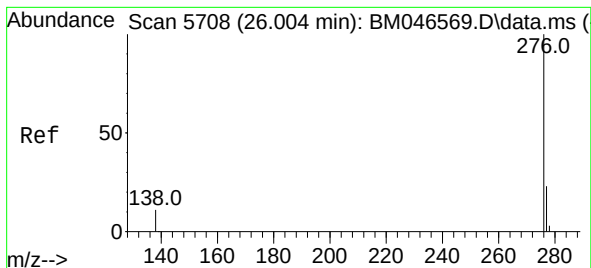
Ion Ratio Lower Upper

278 100

139 186.2 9.1 13.7#

279 124.7 23.2 34.8#





#29

Benzo(g,h,i)perylene

Concen: 0.087 ng/ul

RT: 26.020 min Scan# 5

Delta R.T. 0.016 min

Lab File: BM046581.D

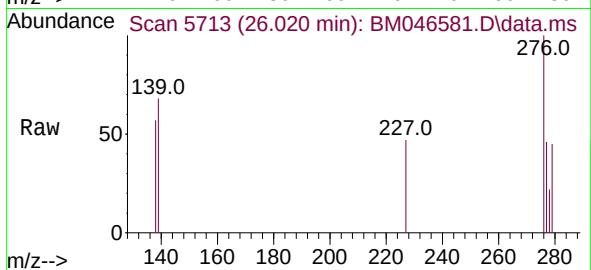
Acq: 13 Jul 2024 13:51

Instrument :

BNA_M

ClientSampleId :

A4CZ0



Tgt Ion:276 Resp: 3315

Ion Ratio Lower Upper

276 100

138 57.1 10.2 15.4#

277 45.6 20.9 31.3#

