

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046519.D
 Acq On : 11 Jul 2024 15:59
 Operator : MA/JU
 Sample : P3035-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD0

Quant Time: Jul 12 04:21:48 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 : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

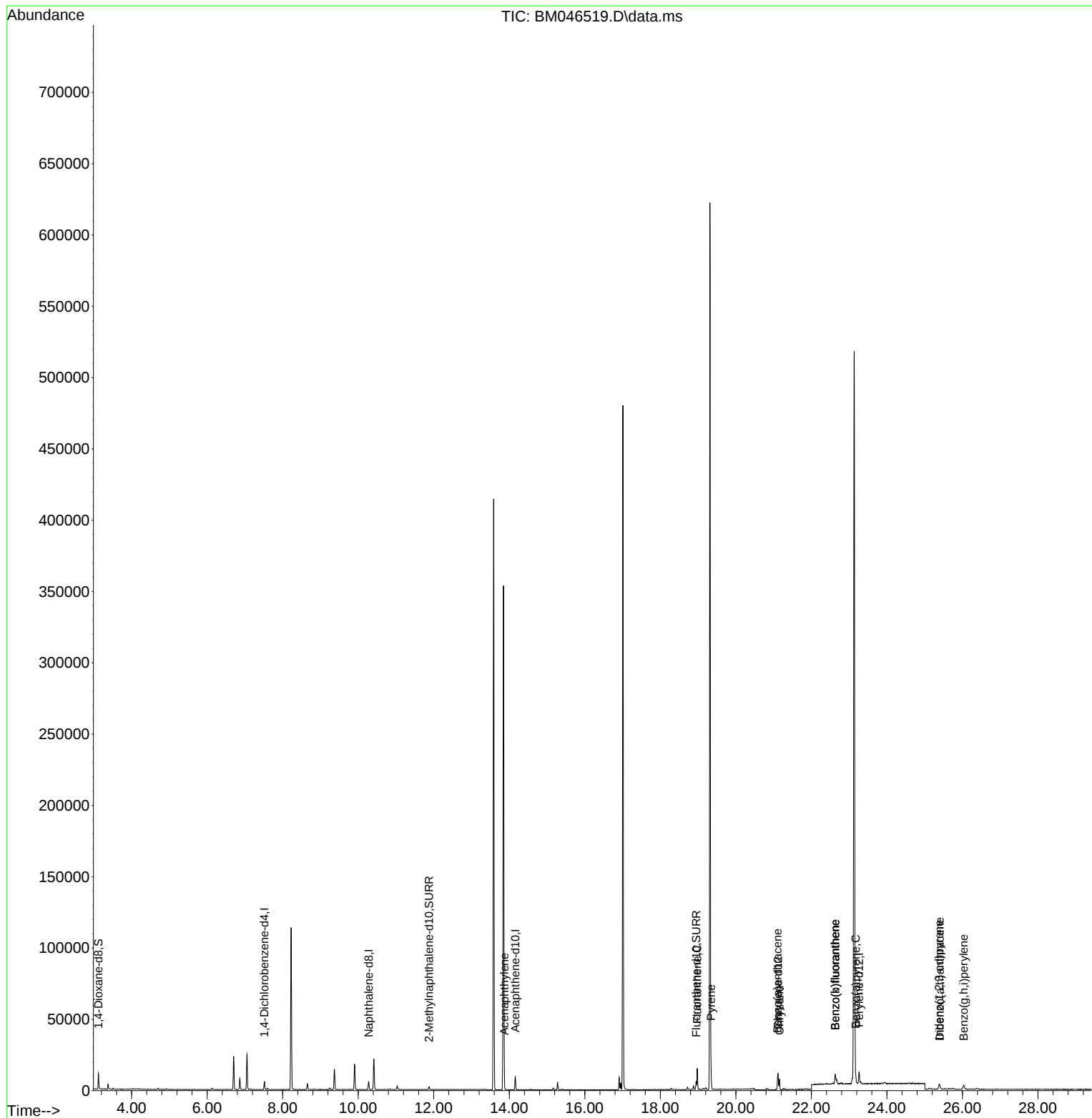
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	7332	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	4787	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.91
17) Chrysene-d12	21.117	240	8598	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	10360	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	6609	2.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2540	0.215	ng/ul	0.00
18) Fluoranthene-d10	18.951	212	6583	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.873	152	504	0.023	ng/ul#	70
19) Fluoranthene	18.979	202	13440	0.381	ng/ul	99
20) Pyrene	19.341	202	12112	0.317	ng/ul#	98
21) Benzo(a)anthracene	21.102	228	5784	0.152	ng/ul	96
22) Chrysene	21.155	228	6891	0.187	ng/ul	97
24) Benzo(b)fluoranthene	22.630	252	14284	0.345	ng/ul	91
25) Benzo(k)fluoranthene	22.630	252	14284	0.352	ng/ul#	90
26) Benzo(a)pyrene	23.171	252	6168	0.181	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.386	276	5907	0.114	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	1447	0.035	ng/ul#	23
29) Benzo(g,h,i)perylene	26.034	276	5936	0.144	ng/ul#	92

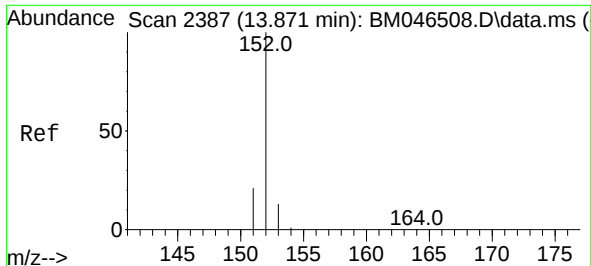
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:21:48 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 : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.873 min Scan# 2387

Delta R.T. 0.001 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

Instrument :

BNA_M

ClientSampleId :

A4CD0

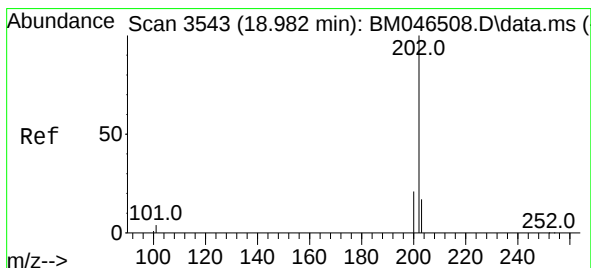
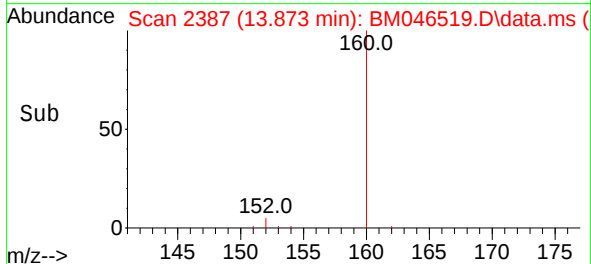
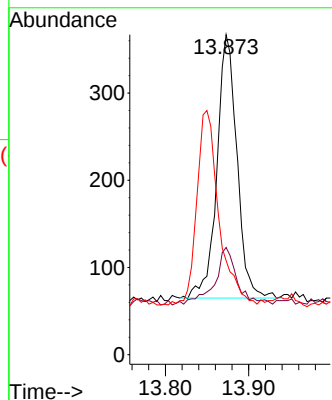
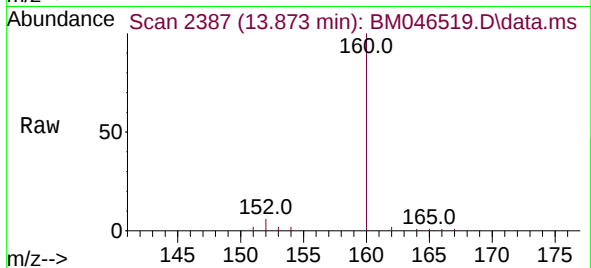
Tgt Ion:152 Resp: 504

Ion Ratio Lower Upper

152 100

151 33.5 16.4 24.6#

153 29.4 12.4 18.6#



#19

Fluoranthene

Concen: 0.381 ng/ul

RT: 18.979 min Scan# 3542

Delta R.T. -0.003 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

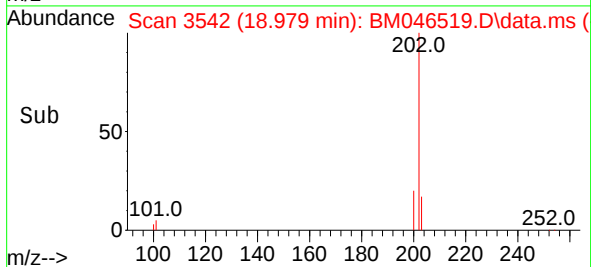
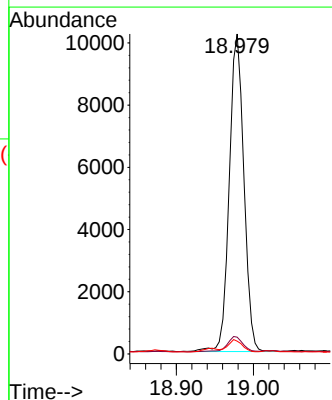
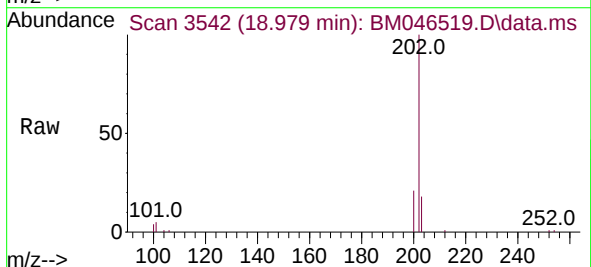
Tgt Ion:202 Resp: 13440

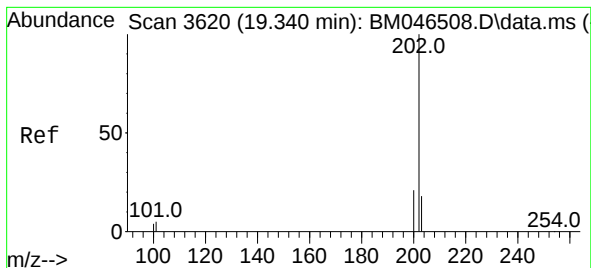
Ion Ratio Lower Upper

202 100

101 5.2 4.6 6.8

100 4.0 3.0 4.6





#20

Pyrene

Concen: 0.317 ng/ul

RT: 19.341 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

Instrument :

BNA_M

ClientSampleId :

A4CD0

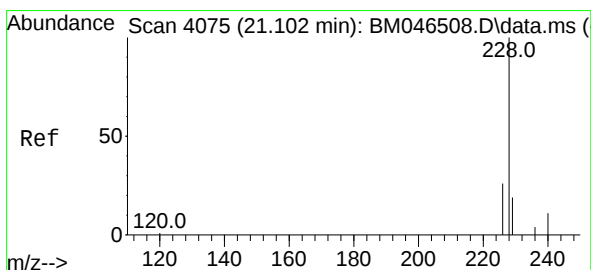
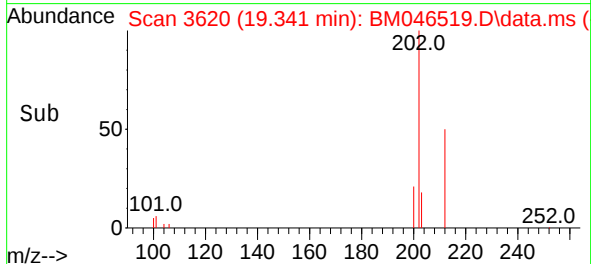
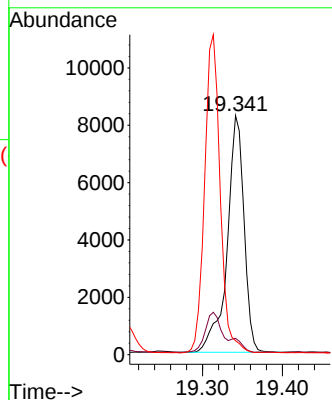
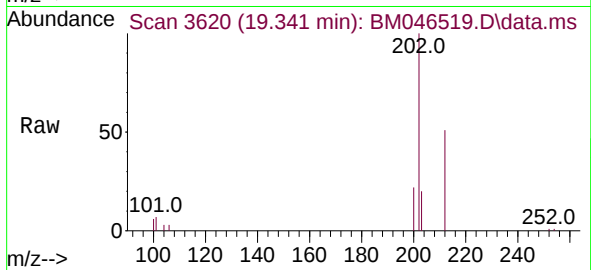
Tgt Ion:202 Resp: 12112

Ion Ratio Lower Upper

202 100

101 6.8 5.1 7.7

100 5.9 3.8 5.6#



#21

Benzo(a)anthracene

Concen: 0.152 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. -0.000 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

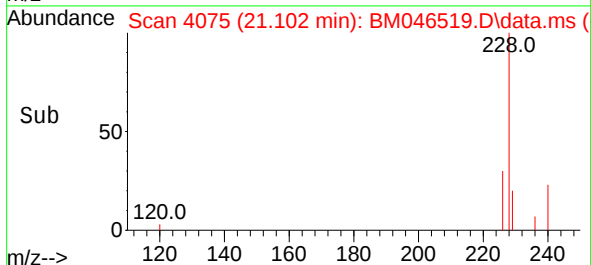
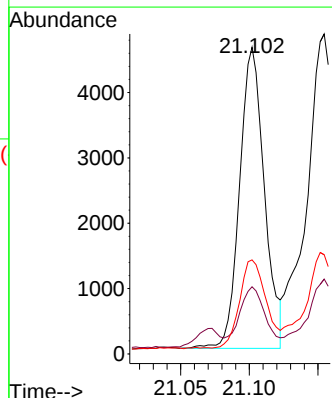
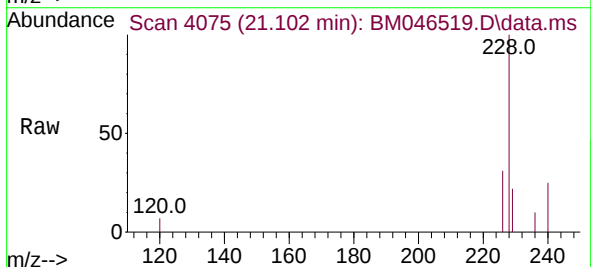
Tgt Ion:228 Resp: 5784

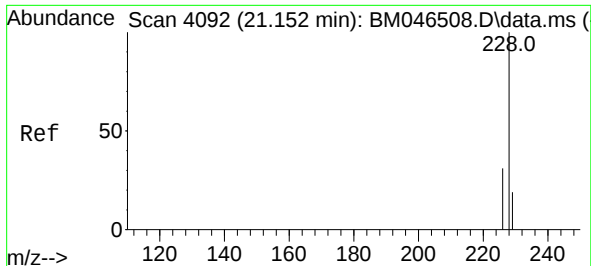
Ion Ratio Lower Upper

228 100

229 21.9 16.5 24.7

226 30.7 22.5 33.7

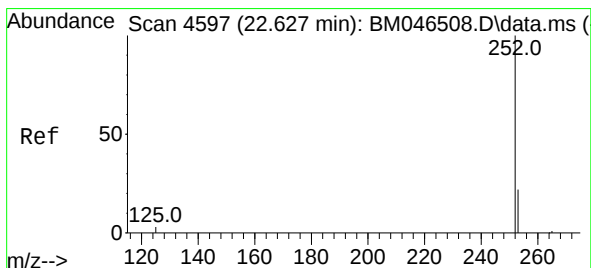
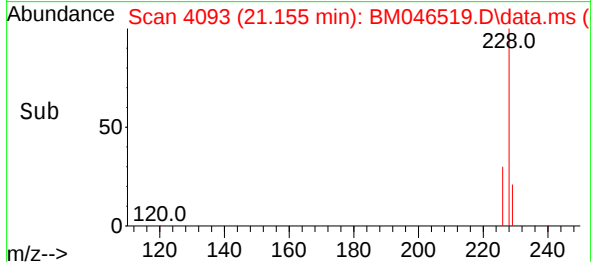
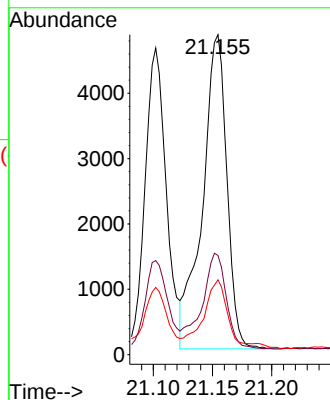
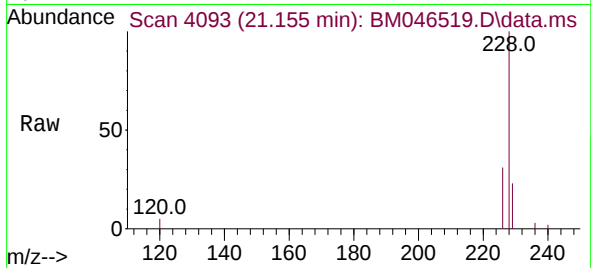




#22
Chrysene
Concen: 0.187 ng/ul
RT: 21.155 min Scan# 4092
Delta R.T. 0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

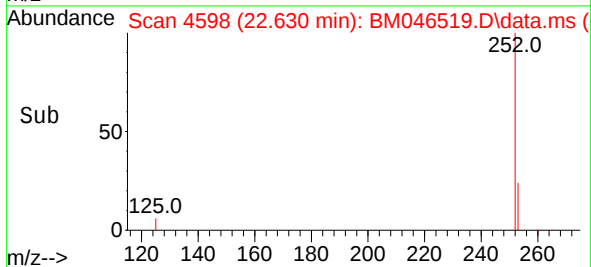
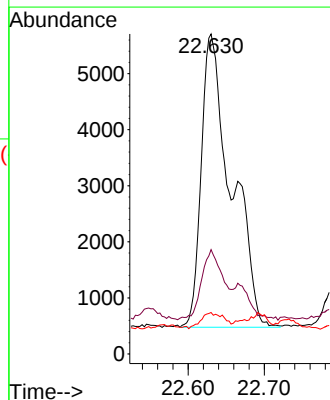
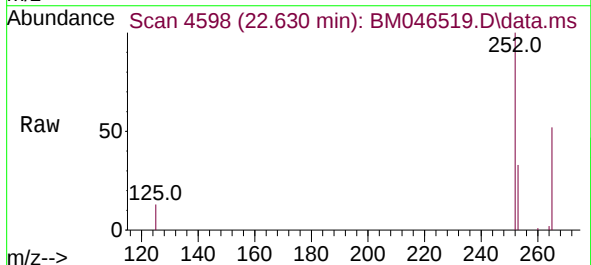
Instrument :
BNA_M
ClientSampleId :
A4CD0

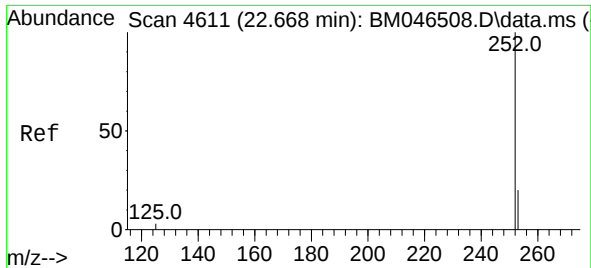
Tgt Ion:228	Resp: 6891
Ion Ratio	Lower Upper
228	100
226	31.0 24.3 36.5
229	23.4 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.630 min Scan# 4598
Delta R.T. 0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

Tgt Ion:252	Resp: 14284
Ion Ratio	Lower Upper
252	100
253	32.6 0.0 56.2
125	13.0 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 0.352 ng/ul

RT: 22.630 min Scan# 4

Delta R.T. -0.038 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

Instrument :

BNA_M

ClientSampleId :

A4CD0

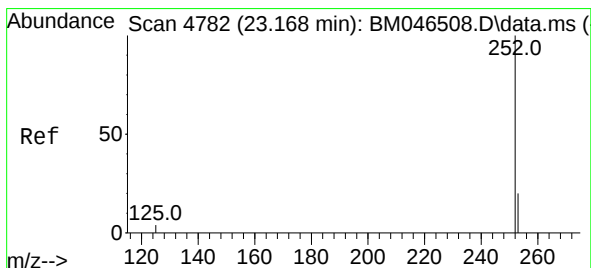
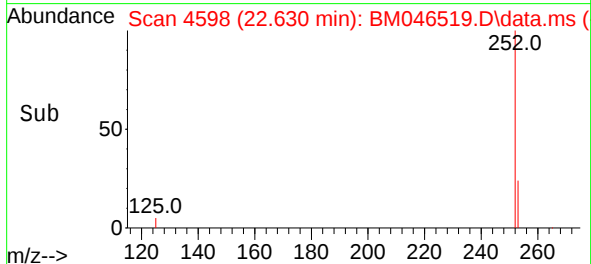
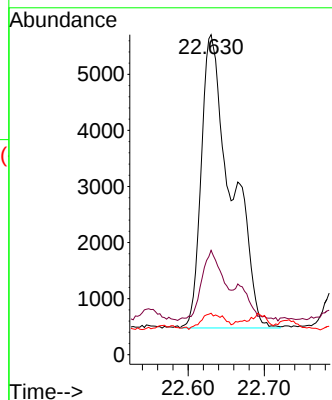
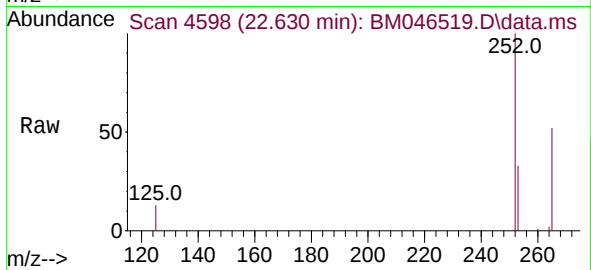
Tgt Ion:252 Resp: 14284

Ion Ratio Lower Upper

252 100

253 32.6 22.4 33.6

125 13.0 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.181 ng/ul

RT: 23.171 min Scan# 4783

Delta R.T. 0.003 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

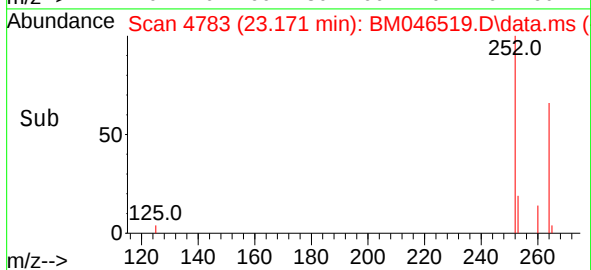
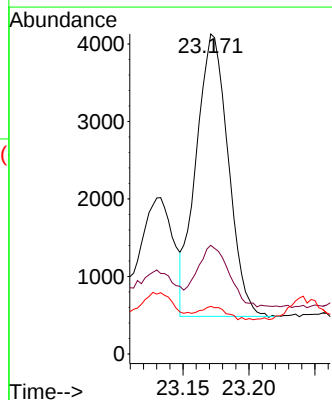
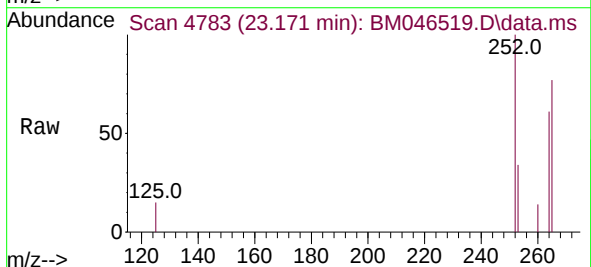
Tgt Ion:252 Resp: 6168

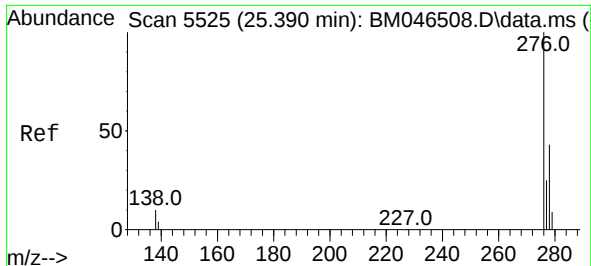
Ion Ratio Lower Upper

252 100

253 34.0 24.0 36.0

125 14.9 8.2 12.2#

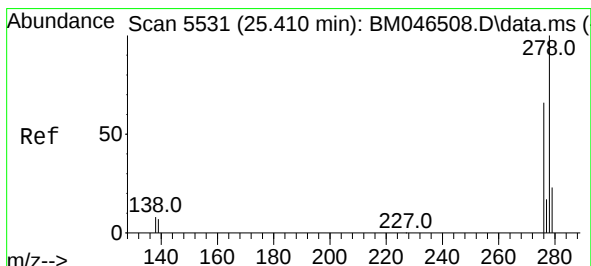
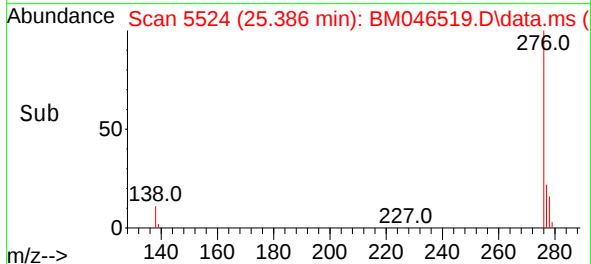
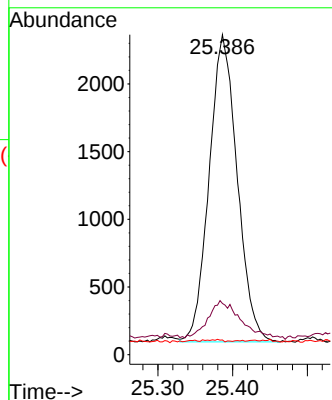
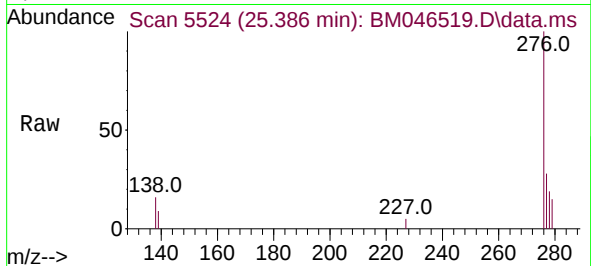




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 25.386 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

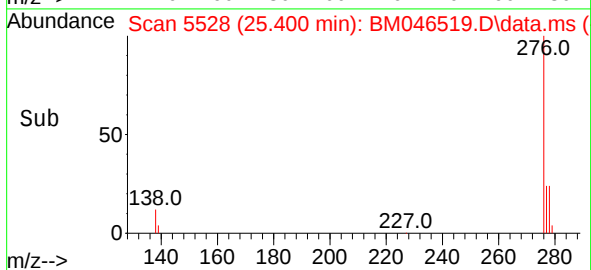
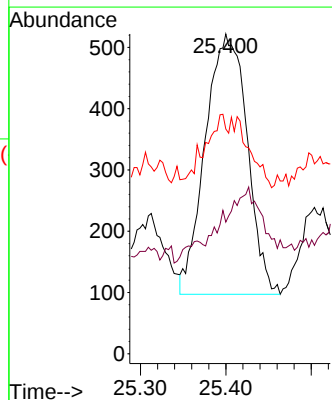
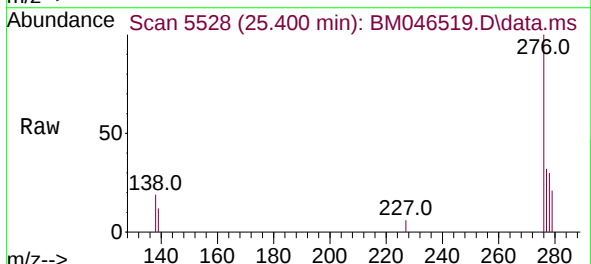
Instrument :
BNA_M
ClientSampleId :
A4CD0

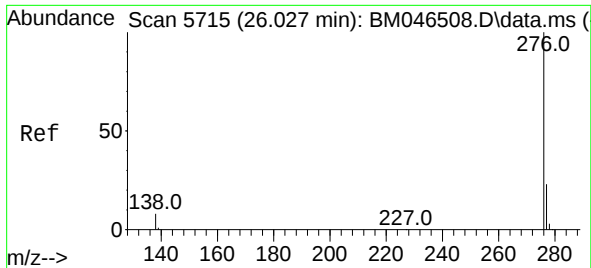
Tgt Ion:276 Resp: 5907
Ion Ratio Lower Upper
276 100
138 15.0 0.0 0.0#
227 0.0 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.400 min Scan# 5528
Delta R.T. -0.010 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

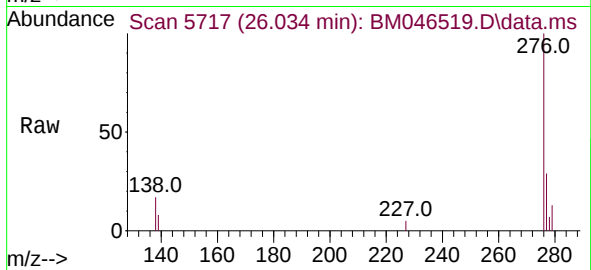
Tgt Ion:278 Resp: 1447
Ion Ratio Lower Upper
278 100
139 41.2 9.1 13.7#
279 70.3 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.034 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:276 Resp: 5936
Ion Ratio Lower Upper
276 100
138 17.3 10.2 15.4#
277 29.4 20.9 31.3

