

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046518.D
 Acq On : 11 Jul 2024 15:22
 Operator : MA/JU
 Sample : P3035-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX5

Quant Time: Jul 12 04:21:36 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)

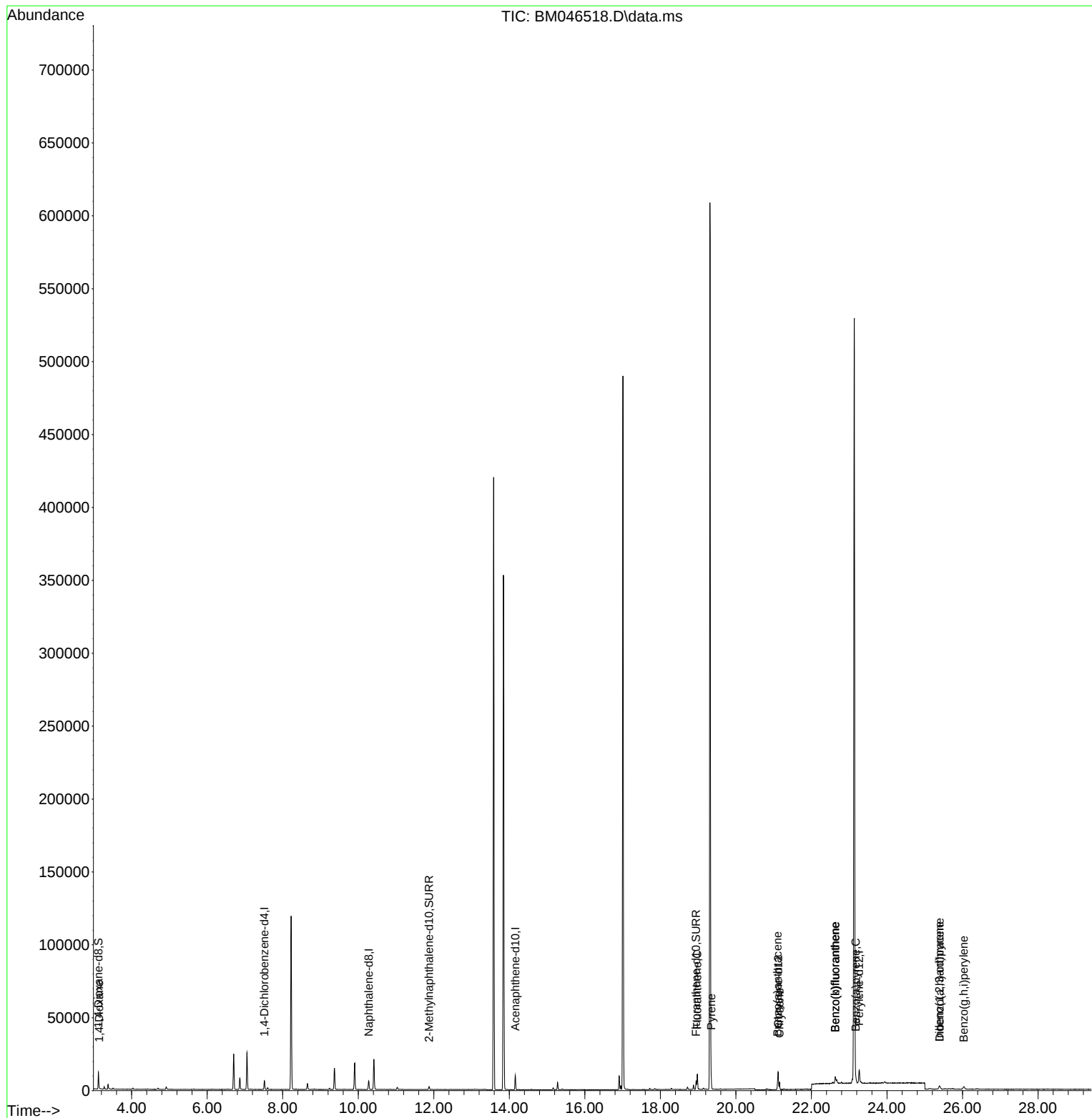
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	7937	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.158	164	5260	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.91
17) Chrysene-d12	21.120	240	9961	0.400	ng/ul	0.00
23) Perylene-d12	23.265	264	11405	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	6850	2.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	2676	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	6773	0.223	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	111	0.043	ng/ul#	76
19) Fluoranthene	18.978	202	9553	0.233	ng/ul#	98
20) Pyrene	19.345	202	8918	0.201	ng/ul	98
21) Benzo(a)anthracene	21.102	228	3735	0.085	ng/ul	93
22) Chrysene	21.155	228	4806	0.113	ng/ul	96
24) Benzo(b)fluoranthene	22.631	252	9704	0.213	ng/ul#	83
25) Benzo(k)fluoranthene	22.631	252	9665	0.216	ng/ul#	83
26) Benzo(a)pyrene	23.174	252	3846	0.103	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.387	276	3677	0.064	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.397	278	945	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.031	276	3694	0.081	ng/ul#	85

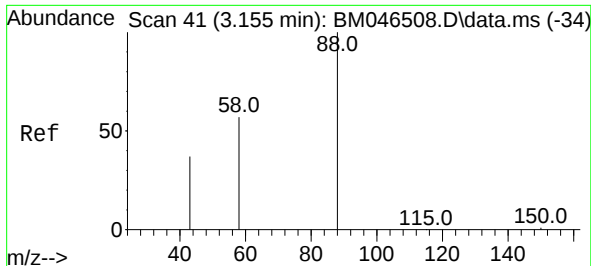
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:21:36 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

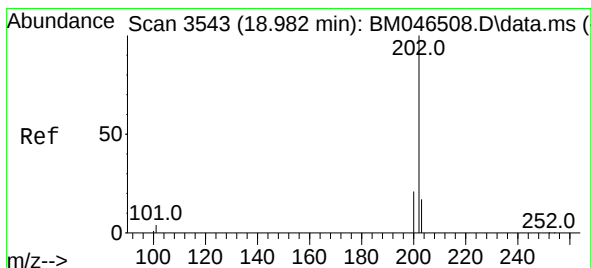
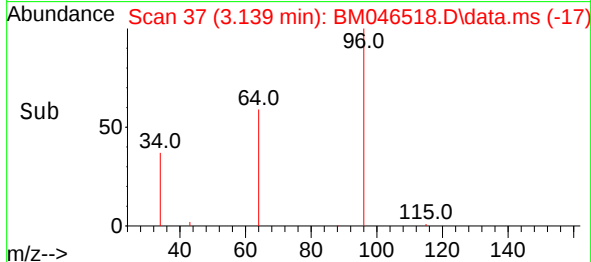
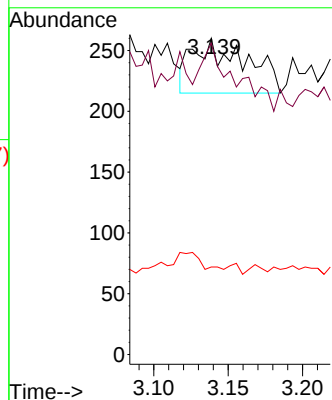
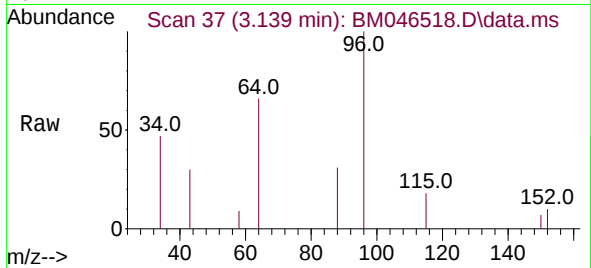




#2
1,4-Dioxane
Concen: 0.043 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. -0.017 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

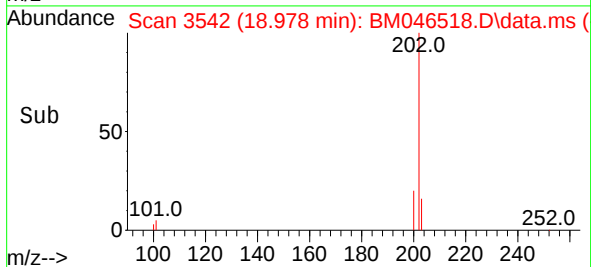
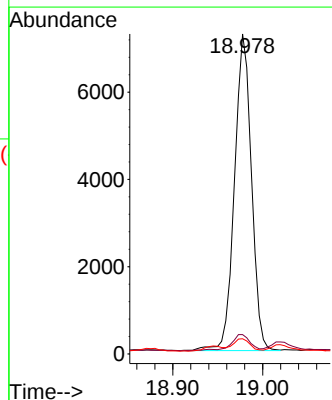
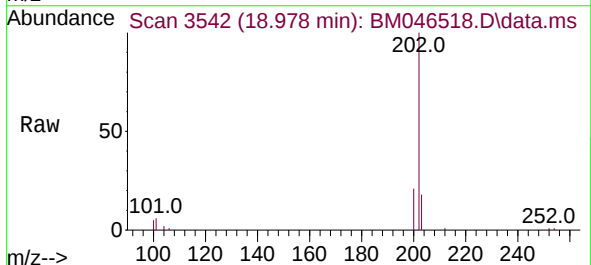
Instrument :
BNA_M
ClientSampleId :
A4CX5

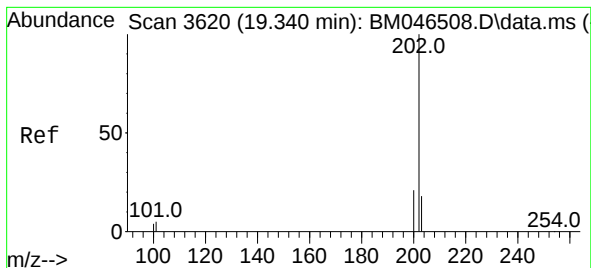
Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 98.5 70.2 105.4
58 27.7 48.2 72.4#



#19
Fluoranthene
Concen: 0.233 ng/ul
RT: 18.978 min Scan# 3542
Delta R.T. -0.005 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

Tgt Ion: 202 Resp: 9553
Ion Ratio Lower Upper
202 100
101 6.0 4.6 6.8
100 4.7 3.0 4.6#





#20

Pyrene

Concen: 0.201 ng/ul

RT: 19.345 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

Instrument :

BNA_M

ClientSampleId :

A4CX5

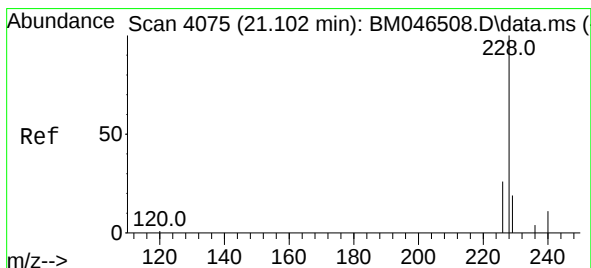
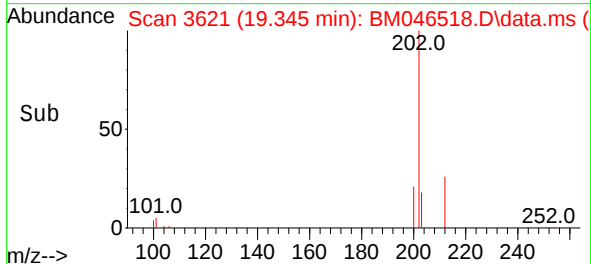
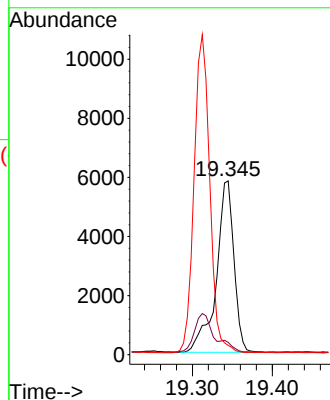
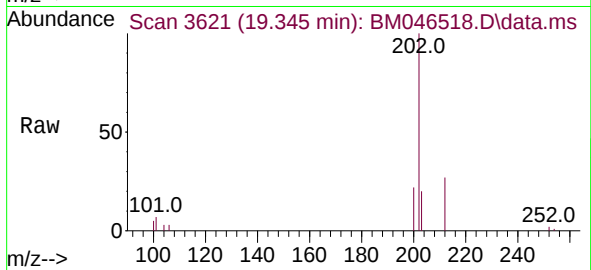
Tgt Ion:202 Resp: 8918

Ion Ratio Lower Upper

202 100

101 7.1 5.1 7.7

100 5.3 3.8 5.6



#21

Benzo(a)anthracene

Concen: 0.085 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. 0.000 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

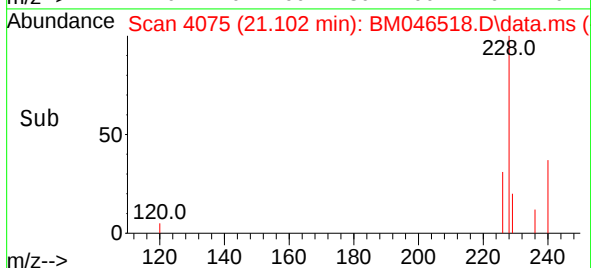
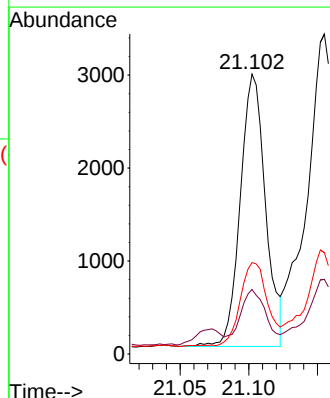
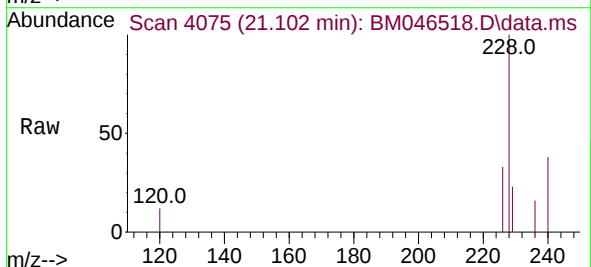
Tgt Ion:228 Resp: 3735

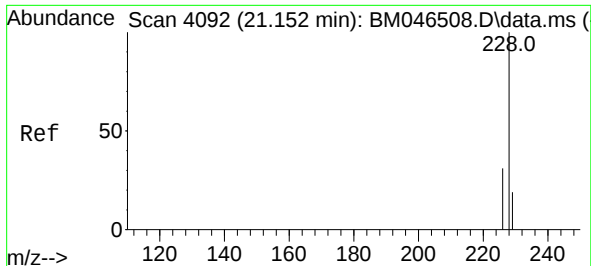
Ion Ratio Lower Upper

228 100

229 23.0 16.5 24.7

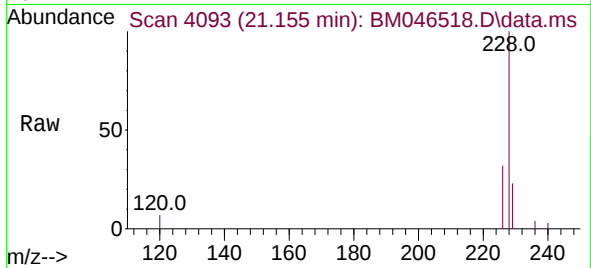
226 32.6 22.5 33.7



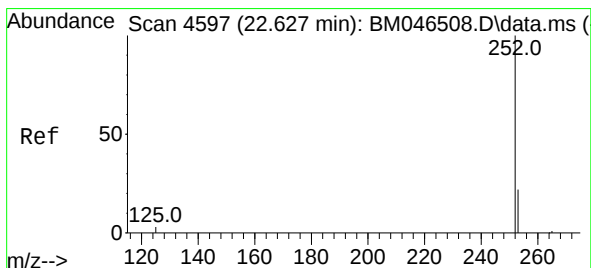
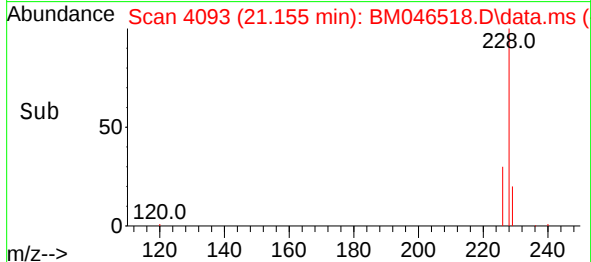
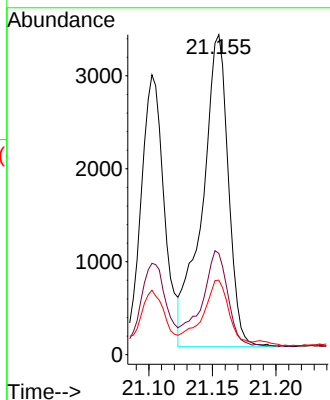


#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. 0.003 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

Instrument :
BNA_M
ClientSampleId :
A4CX5

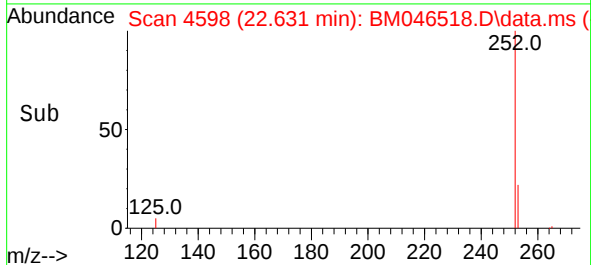
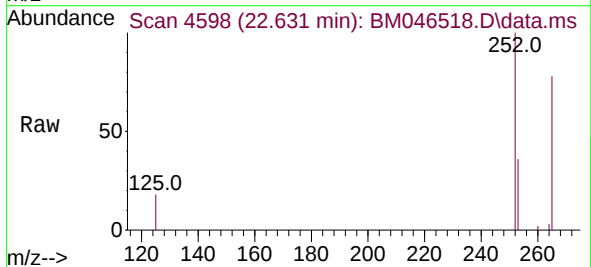
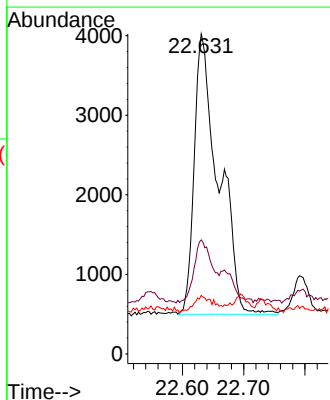


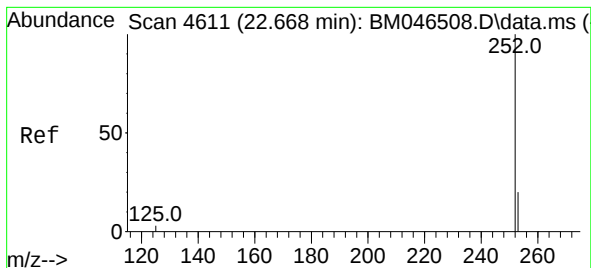
Tgt Ion:228 Resp: 4806
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 23.3 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.213 ng/ul
RT: 22.631 min Scan# 4598
Delta R.T. 0.003 min
Lab File: BM046518.D
Acq: 11 Jul 2024 15:22

Tgt Ion:252 Resp: 9704
Ion Ratio Lower Upper
252 100
253 35.6 0.0 56.2
125 18.3 0.0 17.8#





#25

Benzo(k)fluoranthene

Concen: 0.216 ng/ul

RT: 22.631 min Scan# 4

Delta R.T. -0.038 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

Instrument :

BNA_M

ClientSampleId :

A4CX5

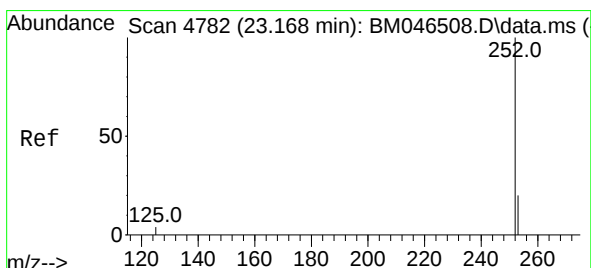
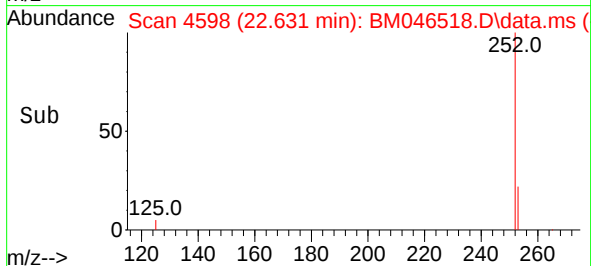
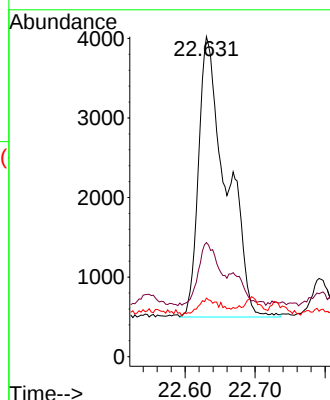
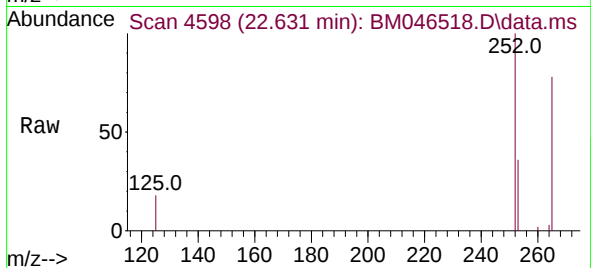
Tgt Ion:252 Resp: 9665

Ion Ratio Lower Upper

252 100

253 35.6 22.4 33.6#

125 18.3 7.0 10.4#



#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.174 min Scan# 4784

Delta R.T. 0.006 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

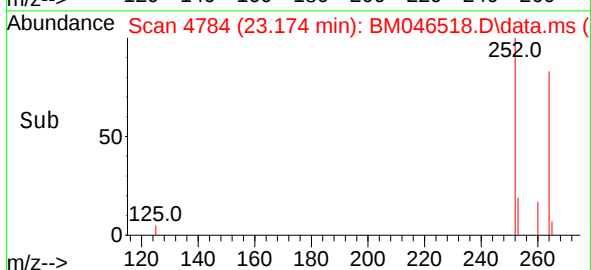
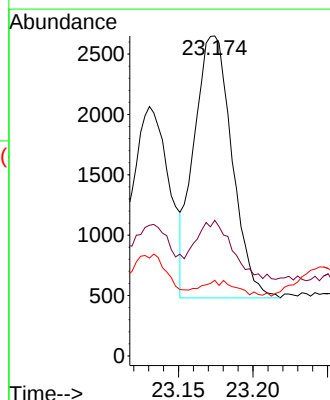
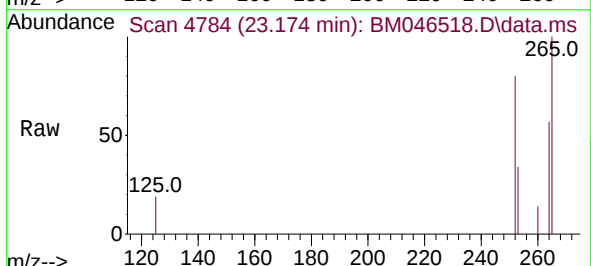
Tgt Ion:252 Resp: 3846

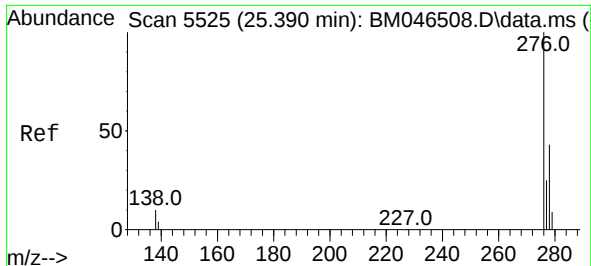
Ion Ratio Lower Upper

252 100

253 42.4 24.0 36.0#

125 23.7 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng/ul

RT: 25.387 min Scan# 5525

Delta R.T. -0.003 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

Instrument :

BNA_M

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A4CX5

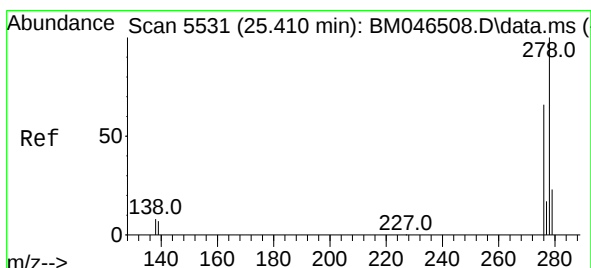
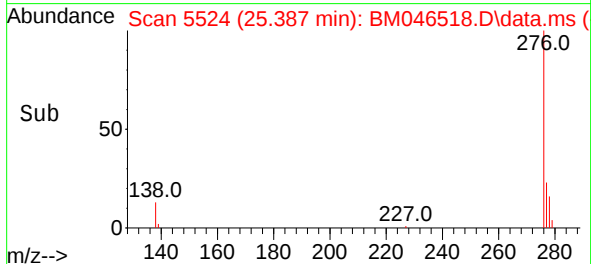
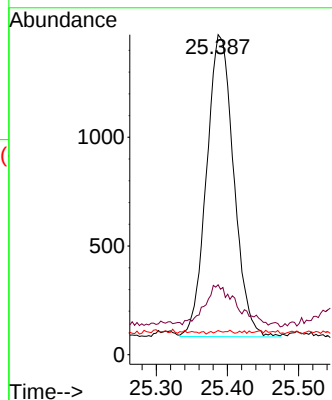
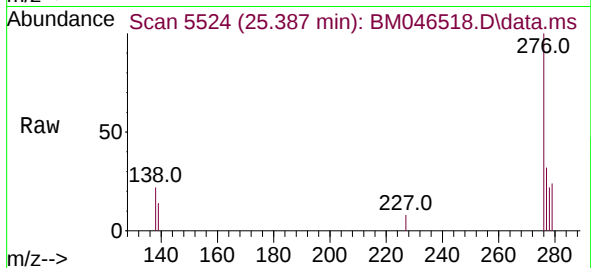
Tgt Ion:276 Resp: 3677

Ion Ratio Lower Upper

276 100

138 15.6 0.0 0.0#

227 0.2 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 25.397 min Scan# 5527

Delta R.T. -0.013 min

Lab File: BM046518.D

Acq: 11 Jul 2024 15:22

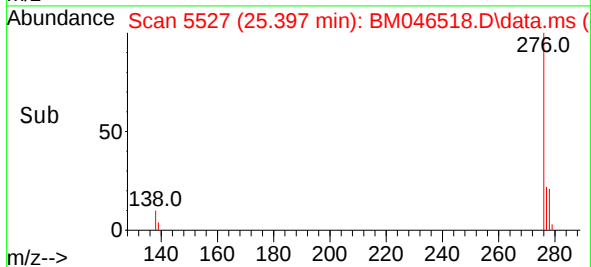
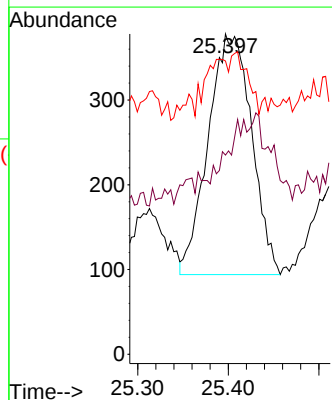
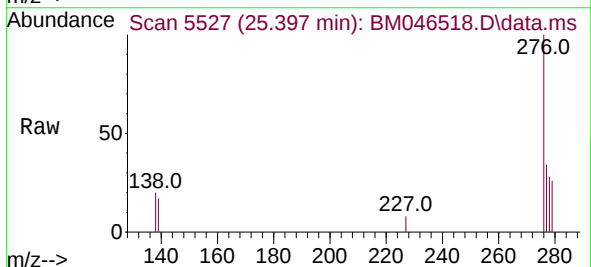
Tgt Ion:278 Resp: 945

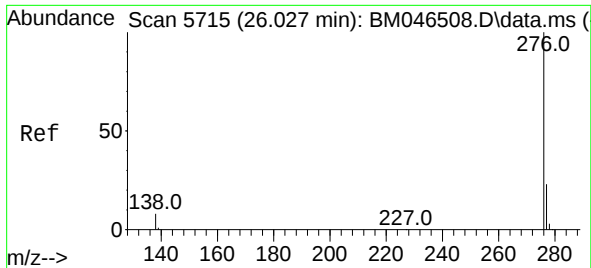
Ion Ratio Lower Upper

278 100

139 62.2 9.1 13.7#

279 91.5 23.2 34.8#





#29

Benzo(g,h,i)perylene

Concen: 0.081 ng/ul

RT: 26.031 min Scan# 5

Delta R.T. 0.004 min

Lab File: BM046518.D

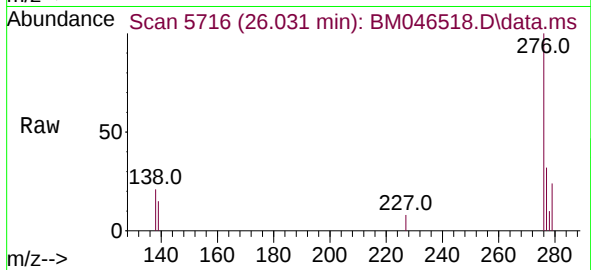
Acq: 11 Jul 2024 15:22

Instrument :

BNA_M

ClientSampleId :

A4CX5



Tgt Ion:276 Resp: 3694

Ion Ratio Lower Upper

276 100

138 21.1 10.2 15.4#

277 32.0 20.9 31.3#

