

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046522.D
 Acq On : 11 Jul 2024 17:51
 Operator : MA/JU
 Sample : P3035-23
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC4

Quant Time: Jul 12 04:22:30 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)

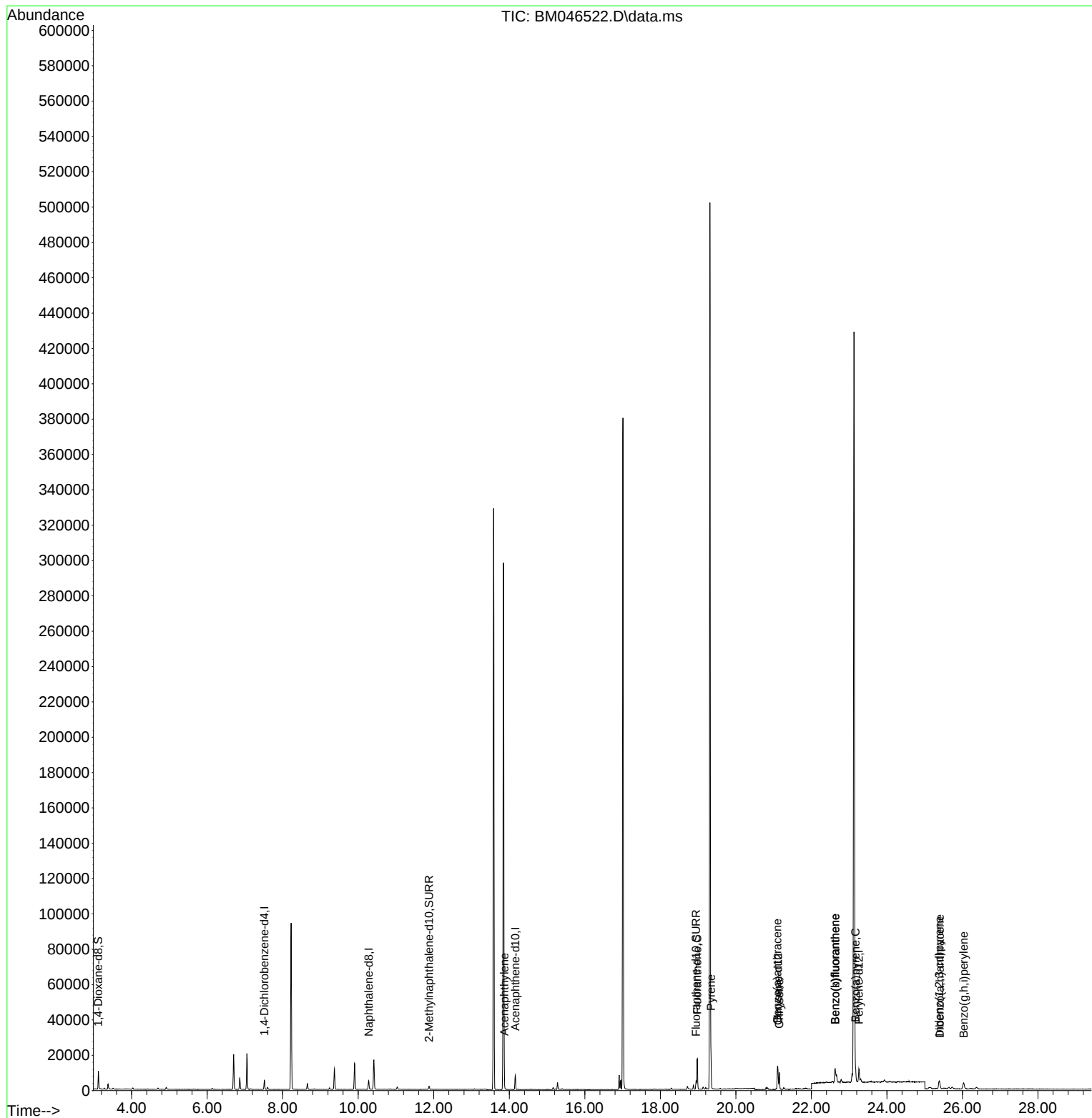
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2512	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	6574	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	4465	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-16.91
17) Chrysene-d12	21.117	240	7957	0.400	ng/ul	0.00
23) Perylene-d12	23.259	264	9271	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	5814	2.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2097	0.198	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	5351	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.873	152	1215	0.060	ng/ul#	88
19) Fluoranthene	18.979	202	16356	0.500	ng/ul	99
20) Pyrene	19.341	202	15636	0.442	ng/ul	99
21) Benzo(a)anthracene	21.099	228	9059	0.257	ng/ul	94
22) Chrysene	21.152	228	9181	0.270	ng/ul	97
24) Benzo(b)fluoranthene	22.630	252	18348	0.495	ng/ul	96
25) Benzo(k)fluoranthene	22.630	252	18348	0.505	ng/ul#	96
26) Benzo(a)pyrene	23.168	252	9038	0.297	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.386	276	7485	0.161	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	1794	0.049	ng/ul#	38
29) Benzo(g,h,i)perylene	26.034	276	7288	0.197	ng/ul#	94

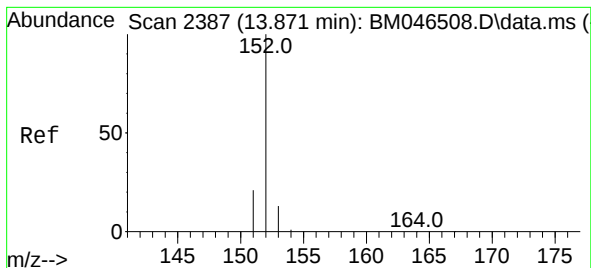
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046522.D
Acq On : 11 Jul 2024 17:51
Operator : MA/JU
Sample : P3035-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC4

Quant Time: Jul 12 04:22:30 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: 0.060 ng/ul

RT: 13.873 min Scan# 2387

Delta R.T. 0.001 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

Instrument :

BNA_M

ClientSampleId :

A4CC4

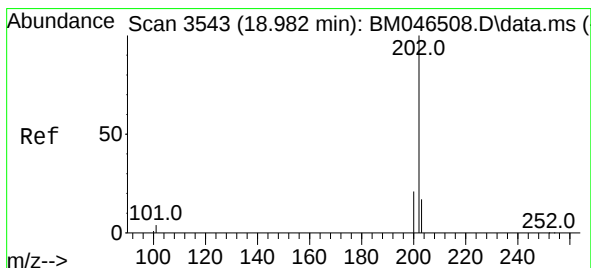
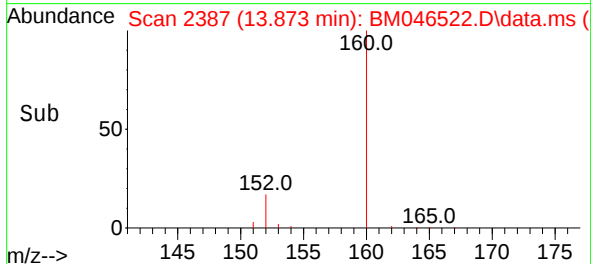
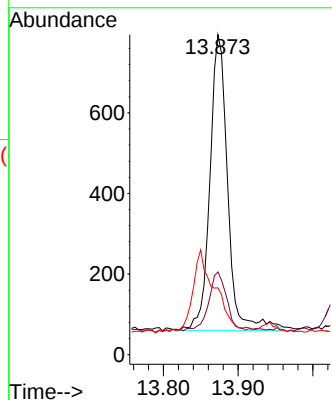
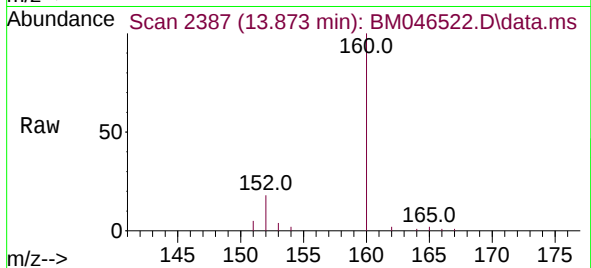
Tgt Ion:152 Resp: 1215

Ion Ratio Lower Upper

152 100

151 25.8 16.4 24.6#

153 20.9 12.4 18.6#



#19

Fluoranthene

Concen: 0.500 ng/ul

RT: 18.979 min Scan# 3542

Delta R.T. -0.003 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

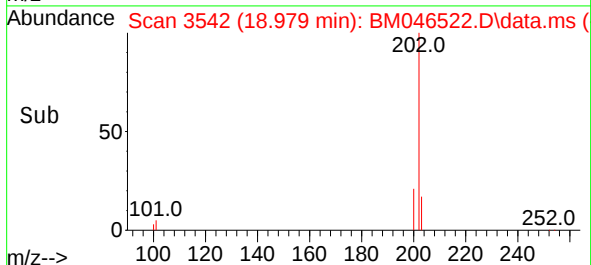
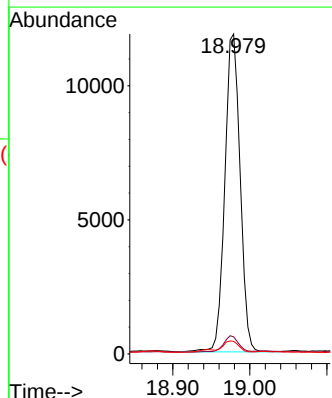
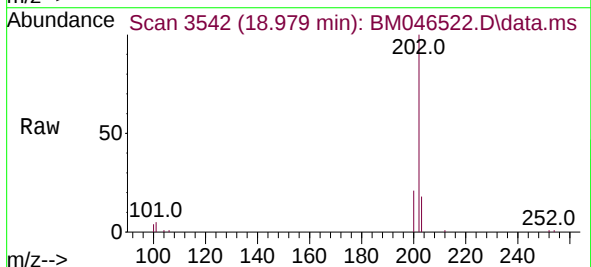
Tgt Ion:202 Resp: 16356

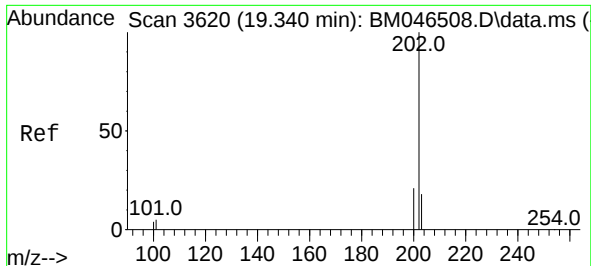
Ion Ratio Lower Upper

202 100

101 5.3 4.6 6.8

100 3.9 3.0 4.6

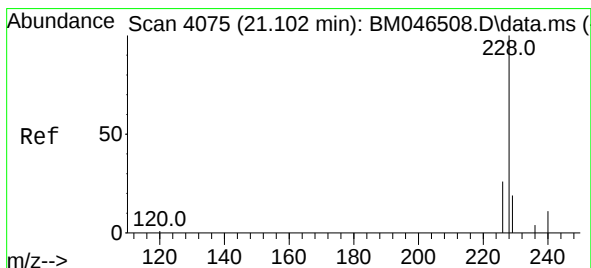
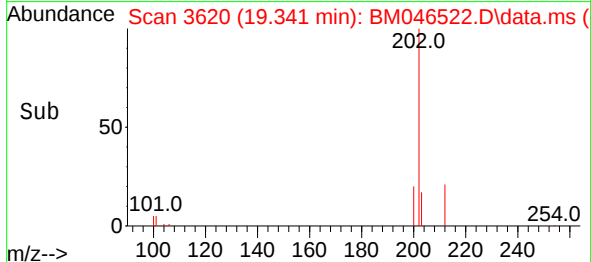
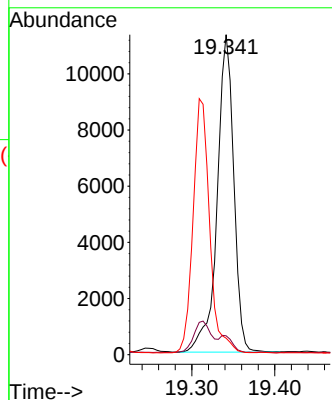
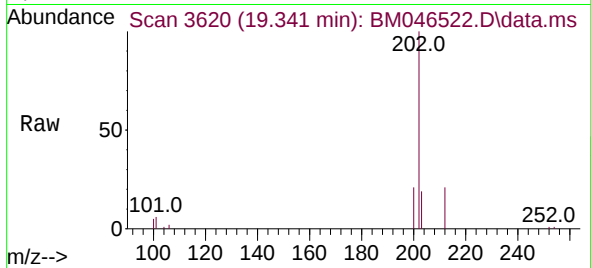




#20
 Pyrene
 Concen: 0.442 ng/ul
 RT: 19.341 min Scan# 3620
 Delta R.T. 0.001 min
 Lab File: BM046522.D
 Acq: 11 Jul 2024 17:51

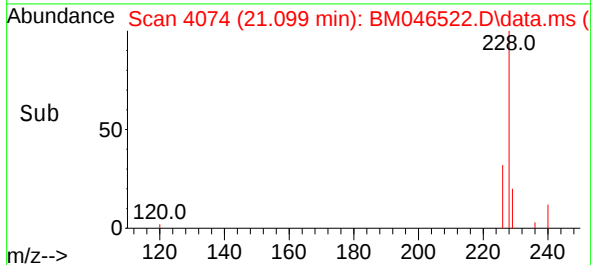
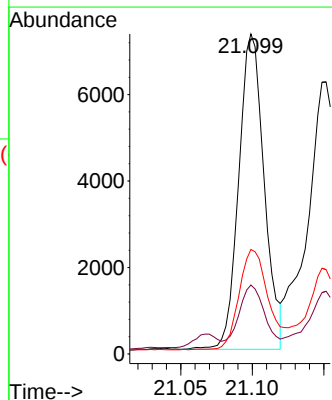
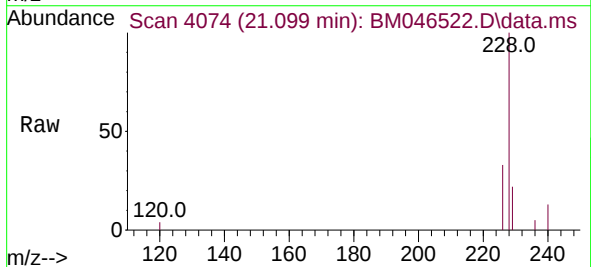
Instrument :
 BNA_M
 ClientSampleId :
 A4CC4

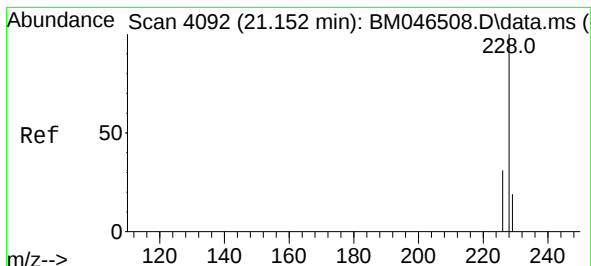
Tgt Ion:202 Resp: 15636
 Ion Ratio Lower Upper
 202 100
 101 5.9 5.1 7.7
 100 5.2 3.8 5.6



#21
 Benzo(a)anthracene
 Concen: 0.257 ng/ul
 RT: 21.099 min Scan# 4074
 Delta R.T. -0.003 min
 Lab File: BM046522.D
 Acq: 11 Jul 2024 17:51

Tgt Ion:228 Resp: 9059
 Ion Ratio Lower Upper
 228 100
 229 21.6 16.5 24.7
 226 32.7 22.5 33.7





#22

Chrysene

Concen: 0.270 ng/ul

RT: 21.152 min Scan# 4092

Delta R.T. -0.000 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

Instrument :

BNA_M

ClientSampleId :

A4CC4

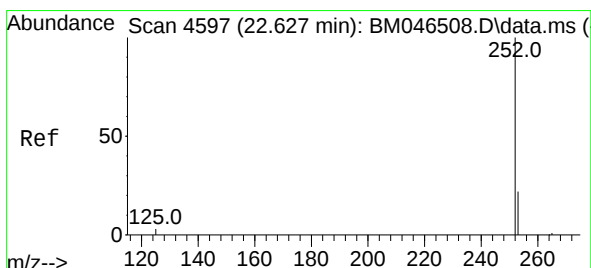
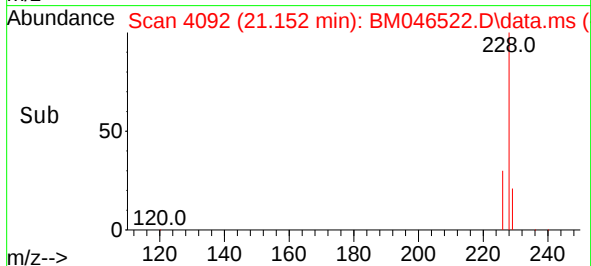
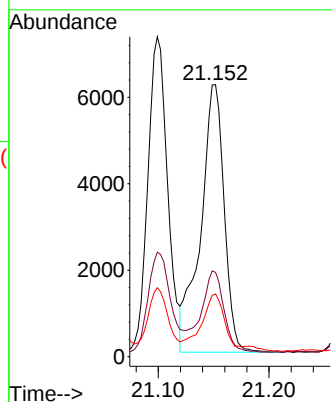
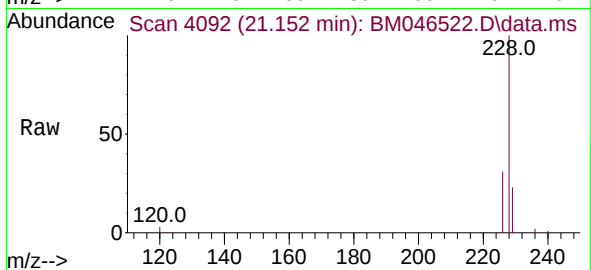
Tgt Ion:228 Resp: 9181

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 23.1 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.495 ng/ul

RT: 22.630 min Scan# 4598

Delta R.T. 0.003 min

Lab File: BM046522.D

Acq: 11 Jul 2024 17:51

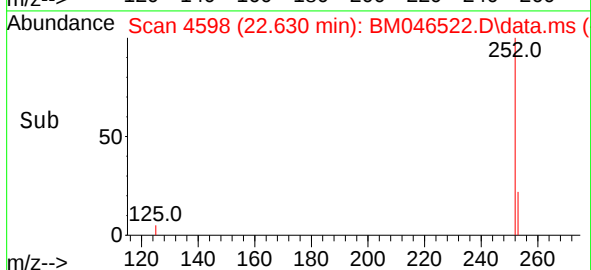
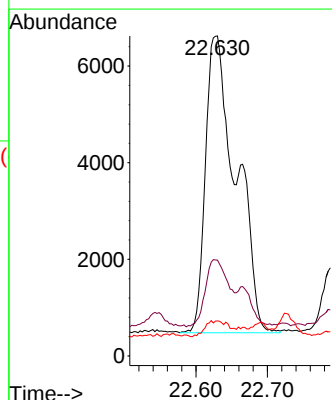
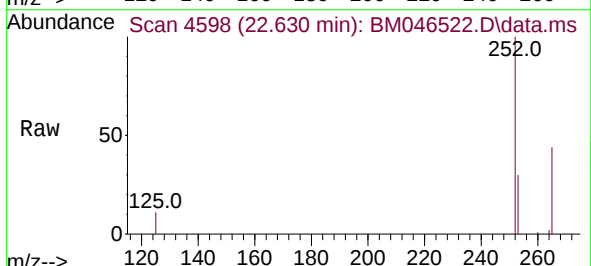
Tgt Ion:252 Resp: 18348

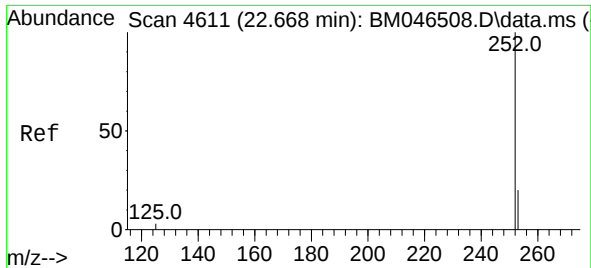
Ion Ratio Lower Upper

252 100

253 30.0 0.0 56.2

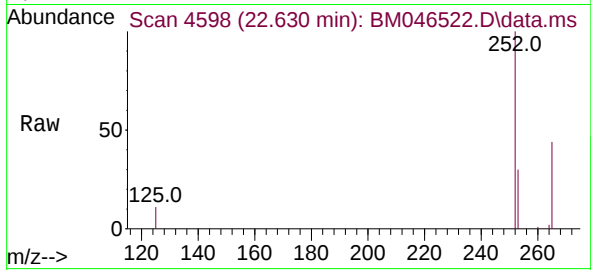
125 10.9 0.0 17.8



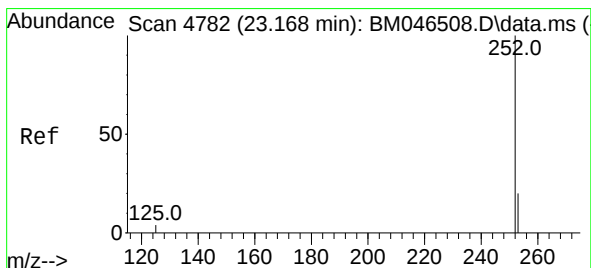
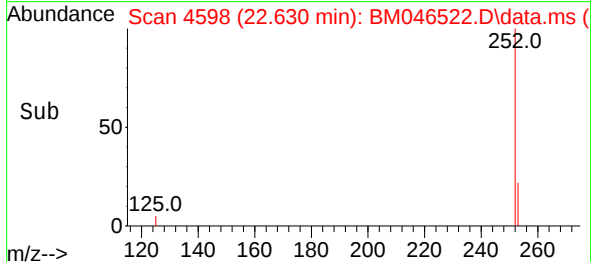
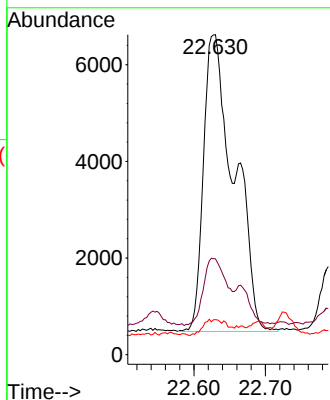


#25
Benzo(k)fluoranthene
Concen: 0.505 ng/ul
RT: 22.630 min Scan# 4598
Delta R.T. -0.038 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

Instrument :
BNA_M
ClientSampleId :
A4CC4

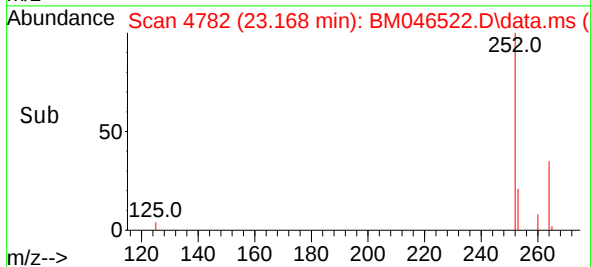
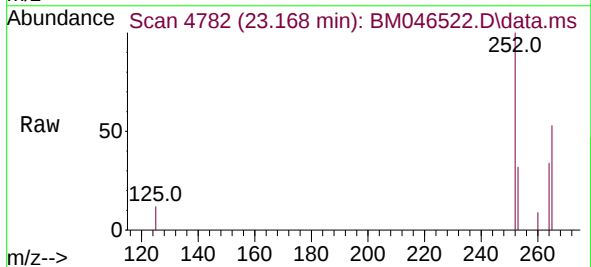
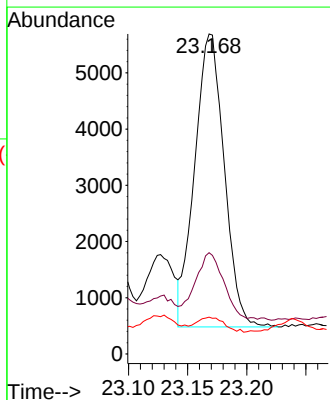


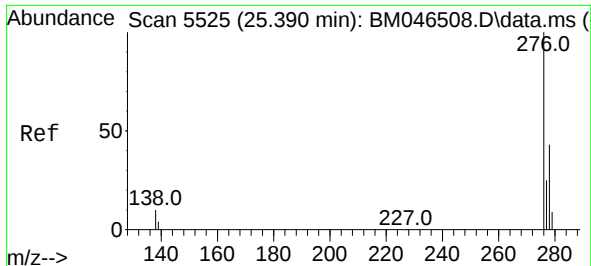
Tgt Ion:252 Resp: 18348
Ion Ratio Lower Upper
252 100
253 30.0 22.4 33.6
125 10.9 7.0 10.4#



#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.168 min Scan# 4782
Delta R.T. -0.000 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

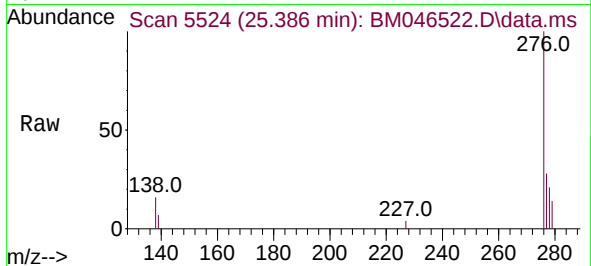
Tgt Ion:252 Resp: 9038
Ion Ratio Lower Upper
252 100
253 31.7 24.0 36.0
125 11.5 8.2 12.2



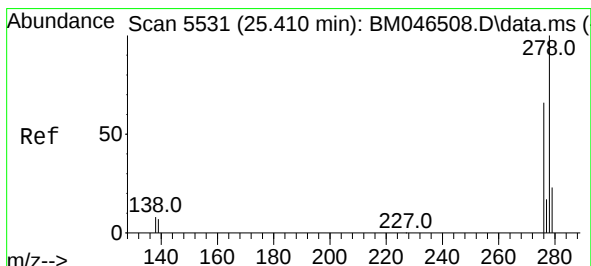
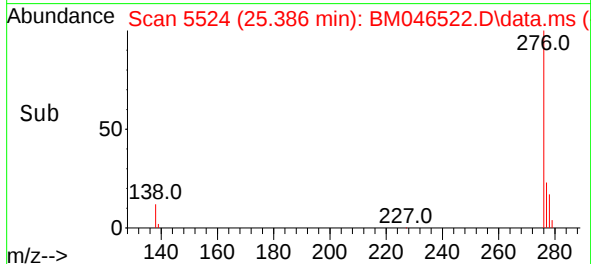
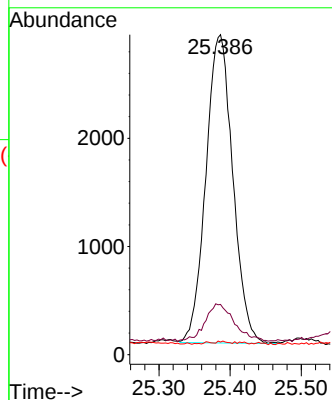


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 25.386 min Scan# 5524
Delta R.T. -0.004 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

Instrument :
BNA_M
ClientSampleId :
A4CC4

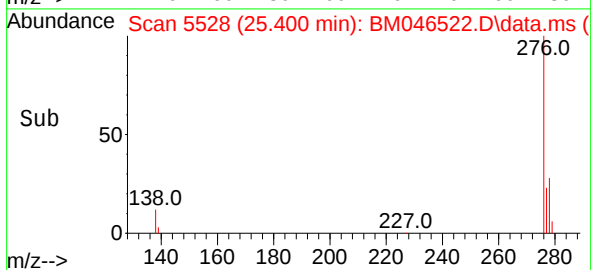
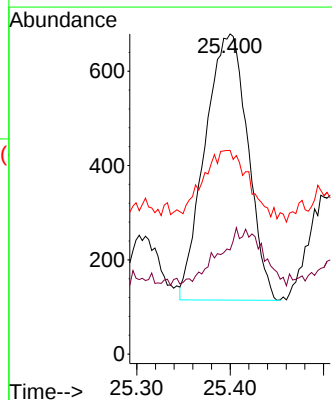
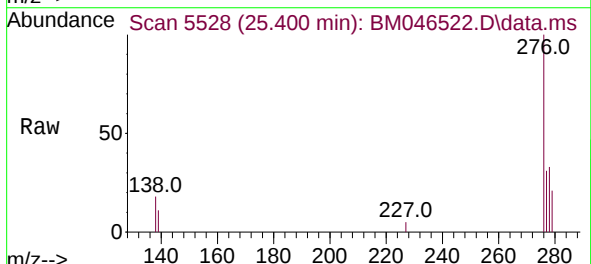


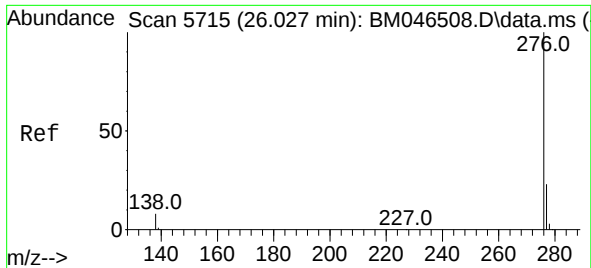
Tgt Ion:276 Resp: 7485
Ion Ratio Lower Upper
276 100
138 13.2 0.0 0.0#
227 0.3 0.2 0.2#



#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.400 min Scan# 5528
Delta R.T. -0.010 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

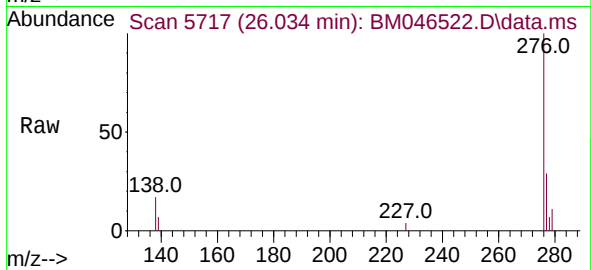
Tgt Ion:278 Resp: 1794
Ion Ratio Lower Upper
278 100
139 32.5 9.1 13.7#
279 63.6 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 26.034 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM046522.D
Acq: 11 Jul 2024 17:51

Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion: 276 Resp: 7288
Ion Ratio Lower Upper
276 100
138 16.5 10.2 15.4#
277 28.6 20.9 31.3

