

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046422.D
 Acq On : 06 Jul 2024 17:01
 Operator : MA/JU
 Sample : P2982-23
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC7

Quant Time: Jul 08 00:49:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

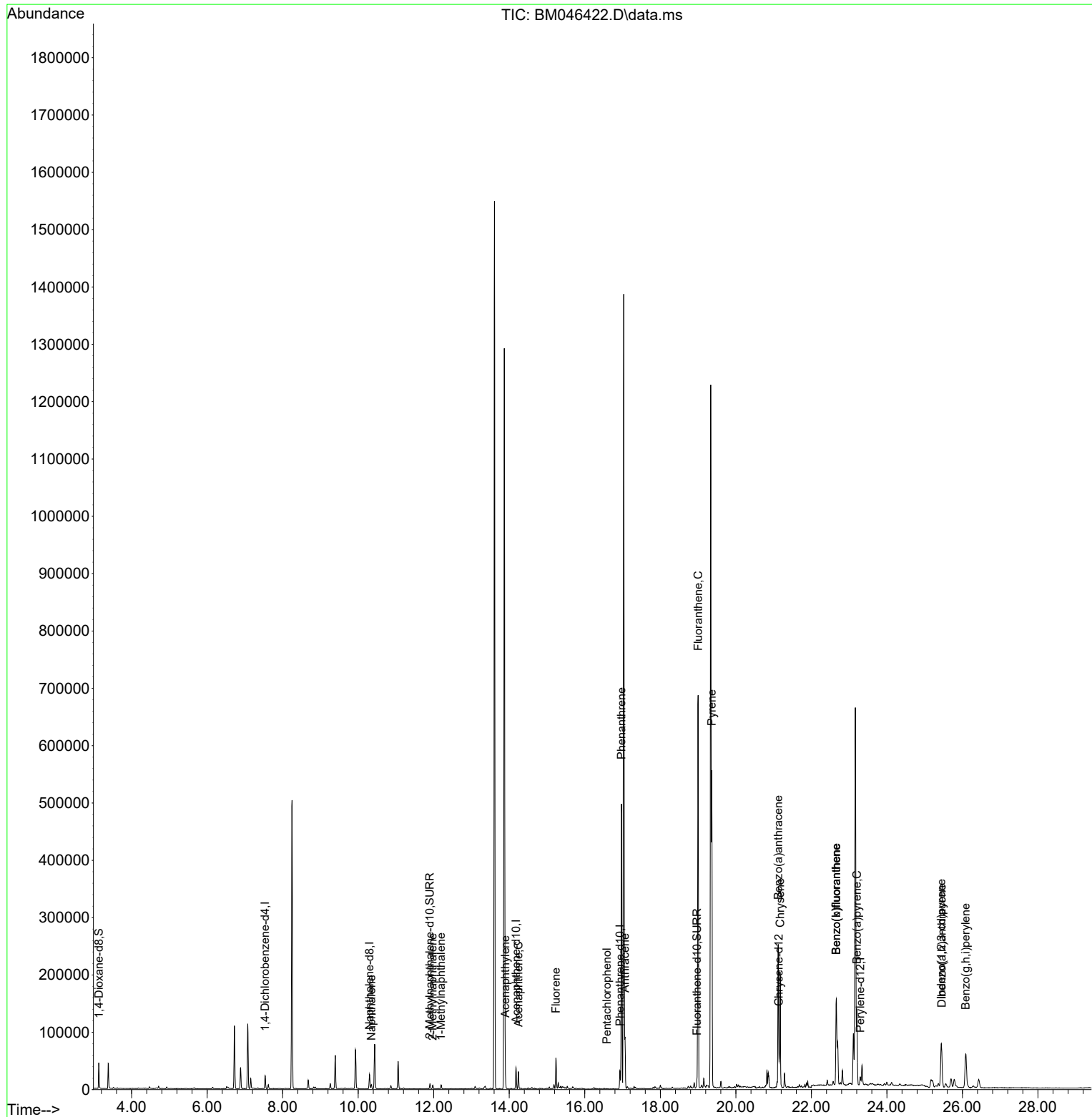
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	33140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	19957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	38073	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	15363	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	15683	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	24964	2.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	11160	0.228	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	15221	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	9530	0.108	ng/ul	97
7) 2-Methylnaphthalene	11.975	142	4582	0.077	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	4658	0.076	ng/ul	99
10) Acenaphthylene	13.895	152	25923	0.256	ng/ul	99
11) Acenaphthene	14.242	153	16669	0.252	ng/ul	97
12) Fluorene	15.236	166	32769	0.420	ng/ul	99
14) Pentachlorophenol	16.583	266	285	0.026	ng/ul	99
15) Phenanthrene	16.971	178	510155	4.474	ng/ul	99
16) Anthracene	17.064	178	88872	0.804	ng/ul	100
19) Fluoranthene	19.001	202	622040	8.010	ng/ul	97
20) Pyrene	19.363	202	478335	5.987	ng/ul#	94
21) Benzo(a)anthracene	21.123	228	205906	3.000	ng/ul	97
22) Chrysene	21.172	228	187142	2.742	ng/ul	98
24) Benzo(b)fluoranthene	22.660	252	322326	4.834	ng/ul	99
25) Benzo(k)fluoranthene	22.660	252	322326	4.789	ng/ul	99
26) Benzo(a)pyrene	23.203	252	165844	3.147	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.440	276	126504	1.777	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.454	278	29125	0.529	ng/ul	92
29) Benzo(g,h,i)perylene	26.088	276	123032	2.167	ng/ul#	96

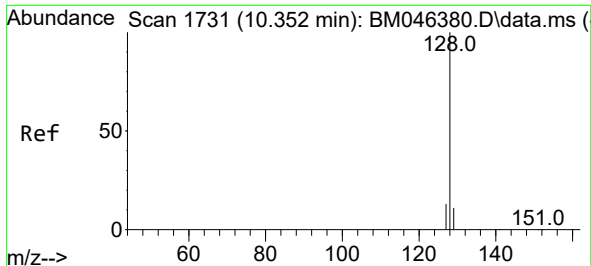
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046422.D
Acq On : 06 Jul 2024 17:01
Operator : MA/JU
Sample : P2982-23
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC7

Quant Time: Jul 08 00:49:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

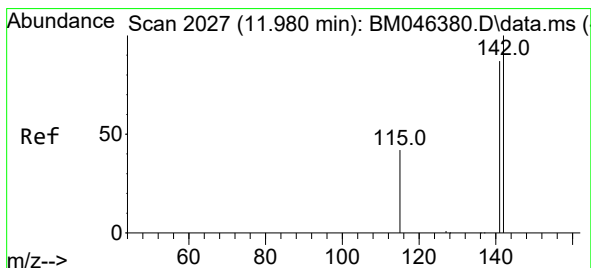
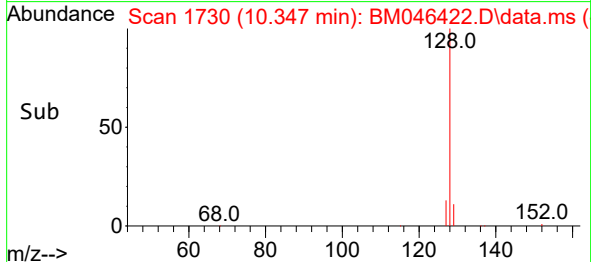
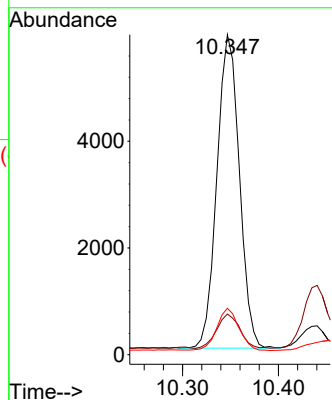
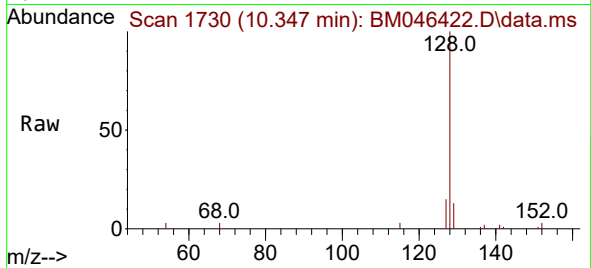




#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

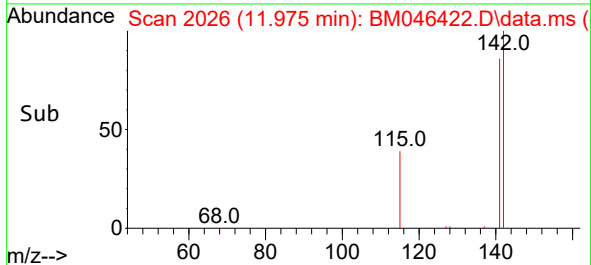
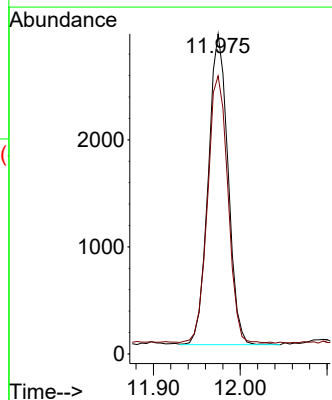
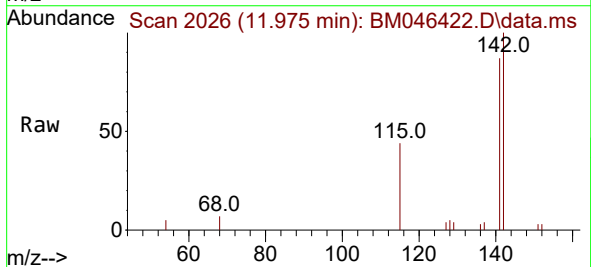
Instrument :
BNA_M
ClientSampleId :
A4BC7

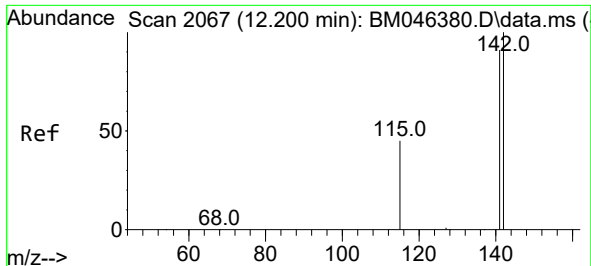
Tgt Ion:128 Resp: 9530
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 14.5 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

Tgt Ion:142 Resp: 4582
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6

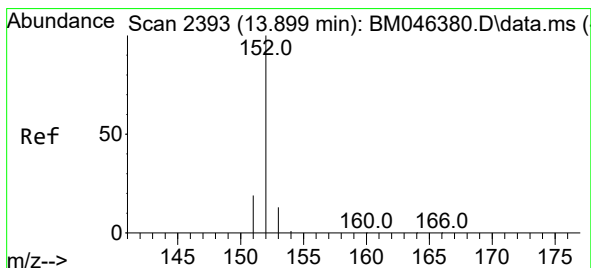
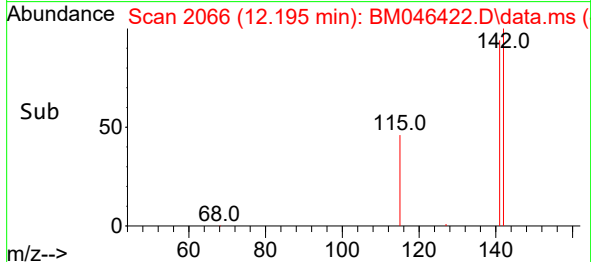
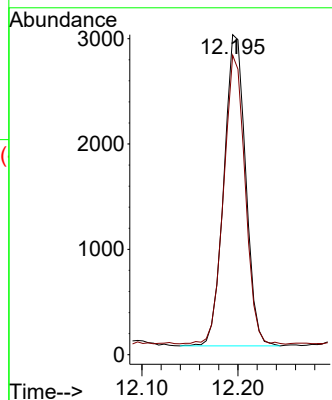
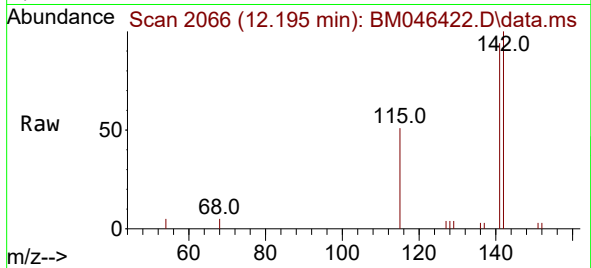




#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

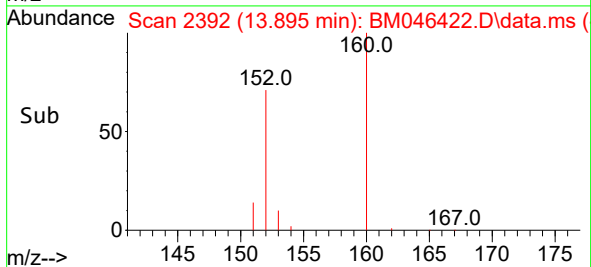
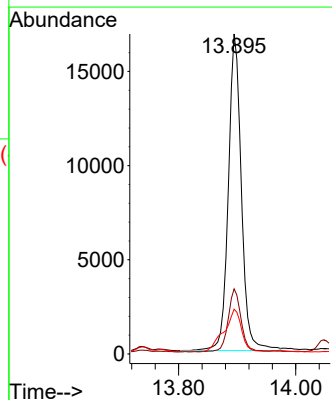
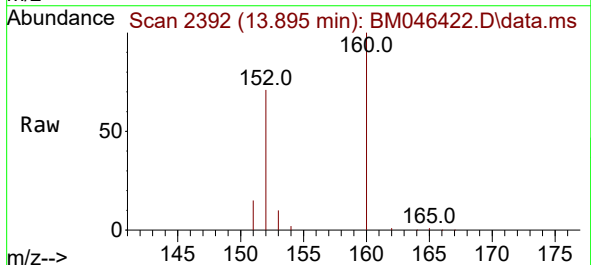
Instrument :
BNA_M
ClientSampleId :
A4BC7

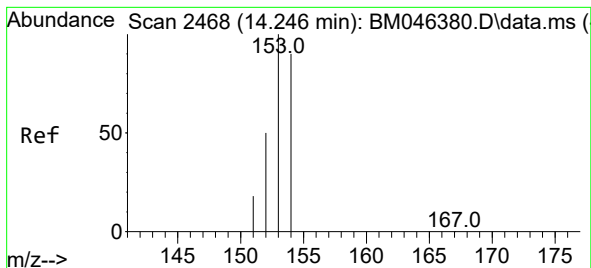
Tgt Ion:142 Resp: 4658
Ion Ratio Lower Upper
142 100
141 91.3 72.4 108.6



#10
Acenaphthylene
Concen: 0.256 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

Tgt Ion:152 Resp: 25923
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 14.0 11.0 16.6





#11

Acenaphthene

Concen: 0.252 ng/ul

RT: 14.242 min Scan# 2467

Delta R.T. -0.005 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

Instrument :

BNA_M

ClientSampleId :

A4BC7

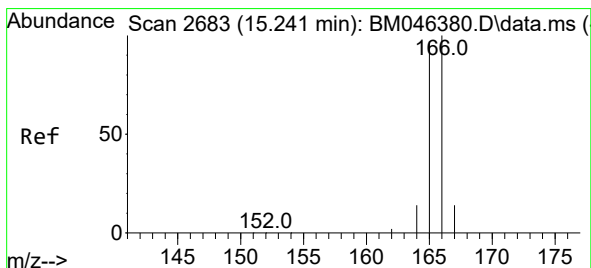
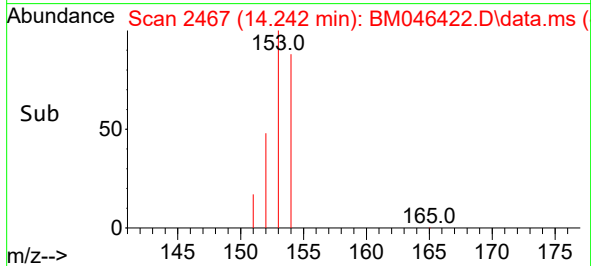
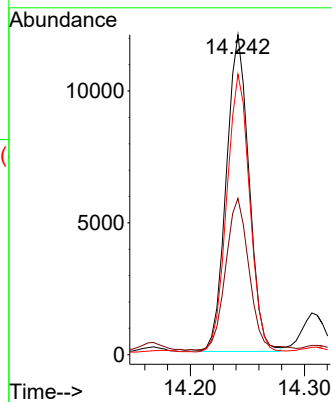
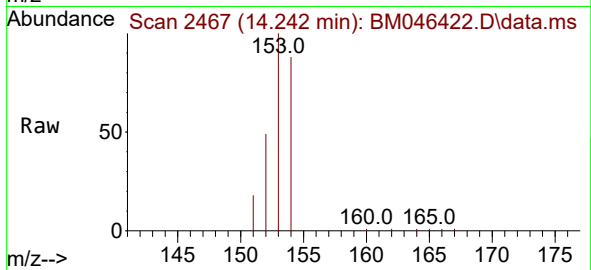
Tgt Ion:153 Resp: 16669

Ion Ratio Lower Upper

153 100

152 48.9 40.4 60.6

154 87.7 72.1 108.1



#12

Fluorene

Concen: 0.420 ng/ul

RT: 15.236 min Scan# 2682

Delta R.T. -0.005 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

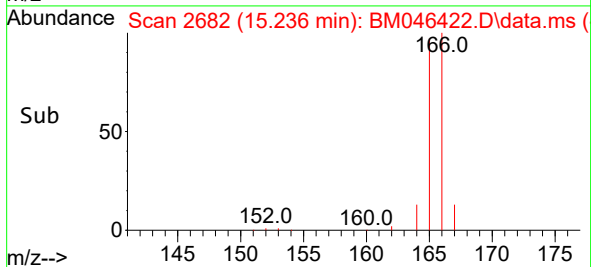
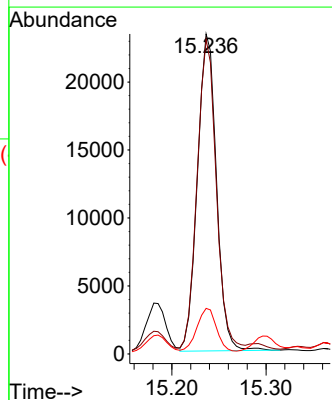
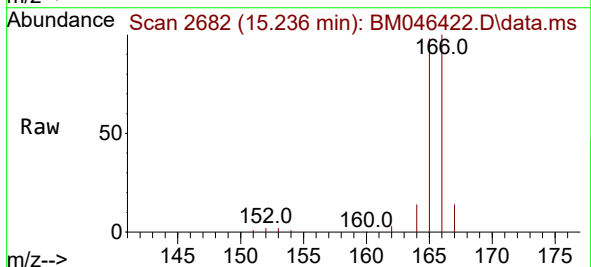
Tgt Ion:166 Resp: 32769

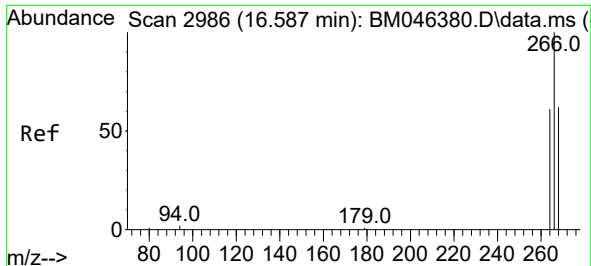
Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

167 14.2 11.4 17.0

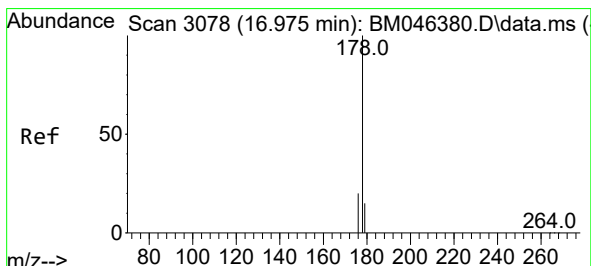
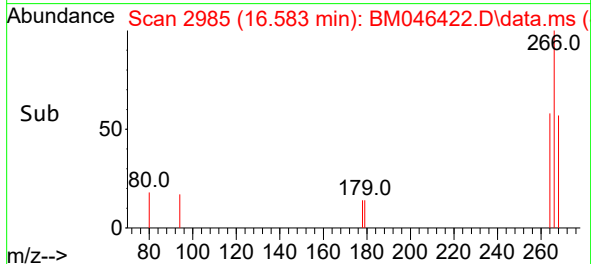
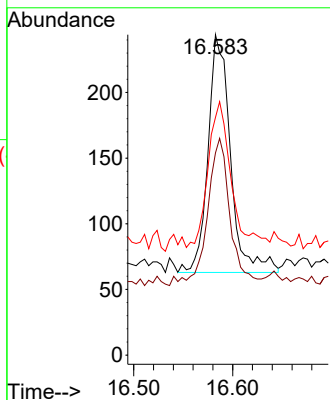
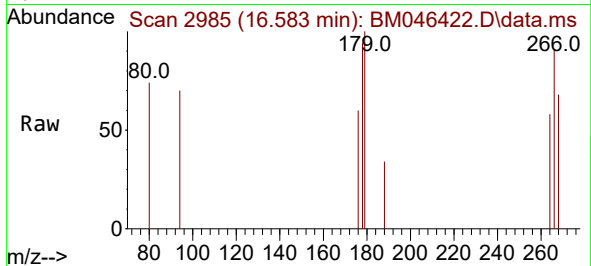




#14
 Pentachlorophenol
 Concen: 0.026 ng/ul
 RT: 16.583 min Scan# 2986
 Delta R.T. -0.004 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

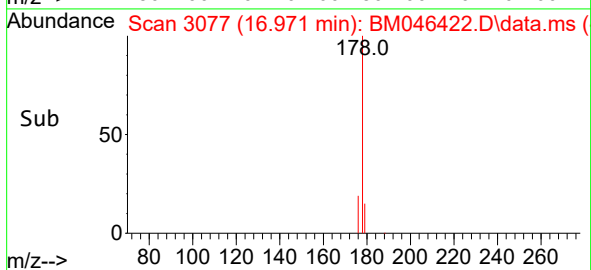
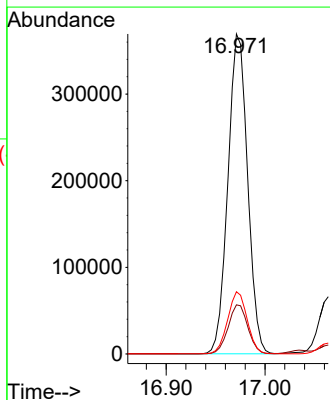
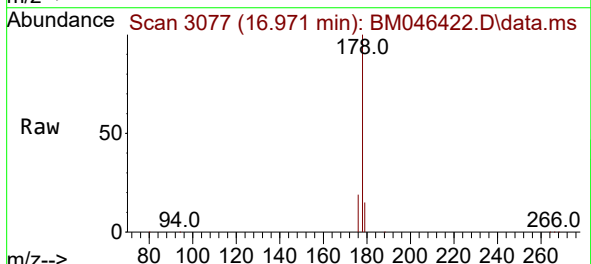
Instrument :
 BNA_M
 ClientSampleId :
 A4BC7

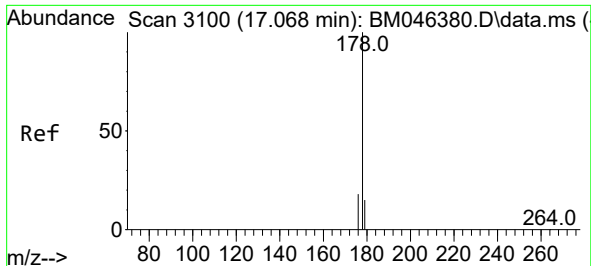
Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 264 62.8 51.0 76.6
 268 63.5 50.8 76.2



#15
 Phenanthrene
 Concen: 4.474 ng/ul
 RT: 16.971 min Scan# 3077
 Delta R.T. -0.004 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

Tgt Ion:178 Resp: 510155
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.7 19.1
 176 19.4 16.0 24.0

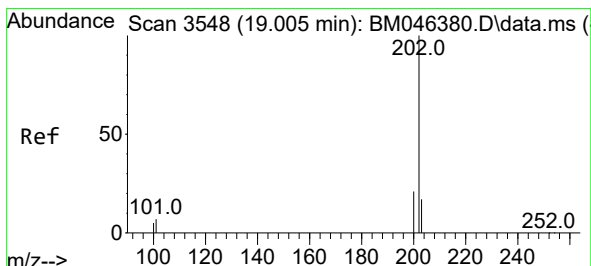
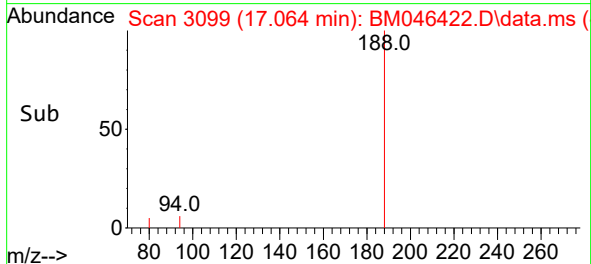
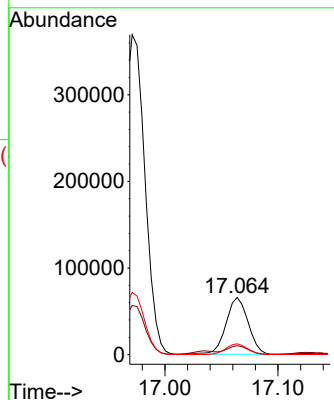
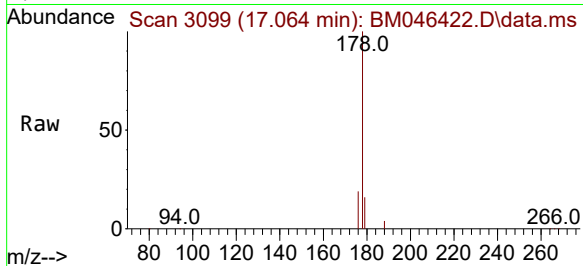




#16
 Anthracene
 Concen: 0.804 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

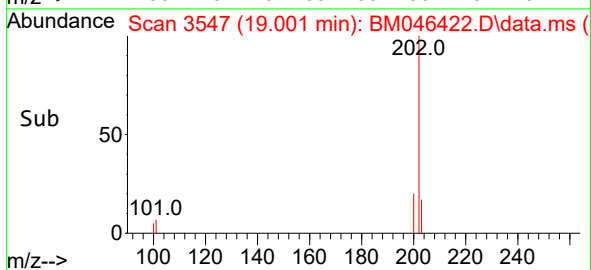
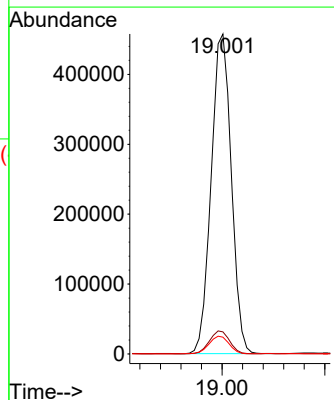
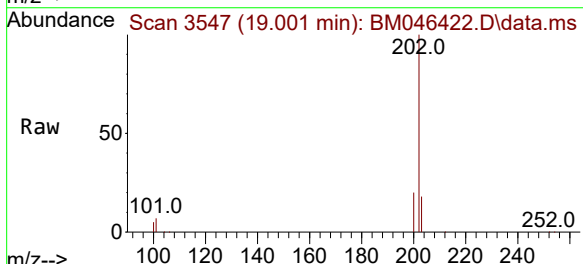
Instrument :
 BNA_M
 ClientSampleId :
 A4BC7

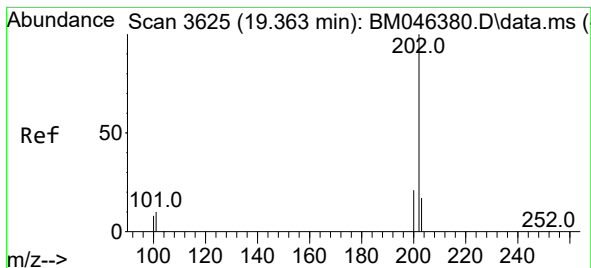
Tgt Ion:178 Resp: 88872
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 18.8
 176 18.9 14.9 22.3



#19
 Fluoranthene
 Concen: 8.010 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

Tgt Ion:202 Resp: 622040
 Ion Ratio Lower Upper
 202 100
 101 6.9 6.3 9.5
 100 5.2 5.0 7.6





#20

Pyrene

Concen: 5.987 ng/ul

RT: 19.363 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

Instrument :

BNA_M

ClientSampleId :

A4BC7

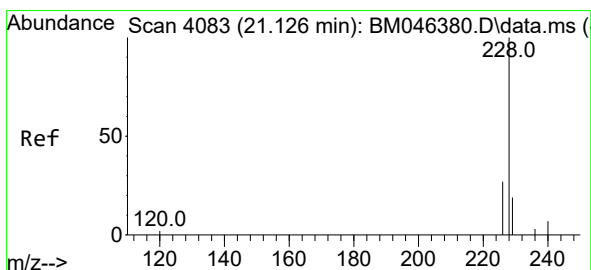
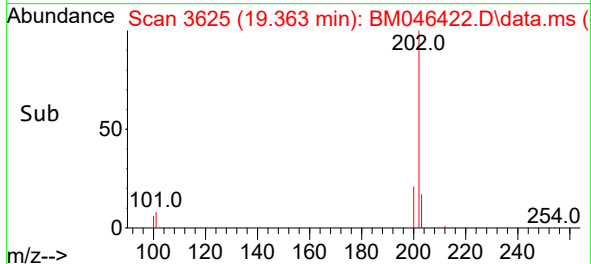
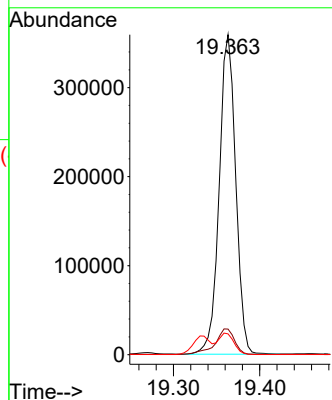
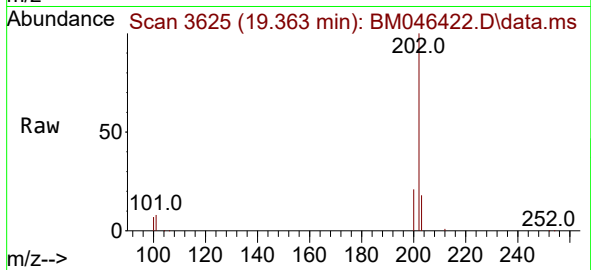
Tgt Ion:202 Resp: 478335

Ion Ratio Lower Upper

202 100

101 8.0 8.2 12.4#

100 6.5 6.9 10.3#



#21

Benzo(a)anthracene

Concen: 3.000 ng/ul

RT: 21.123 min Scan# 4082

Delta R.T. -0.003 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

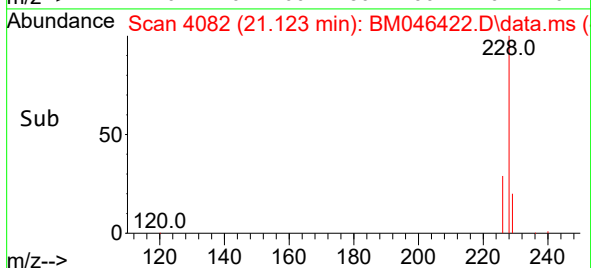
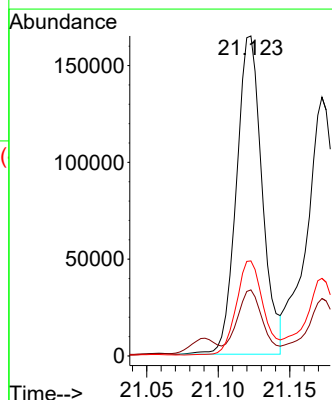
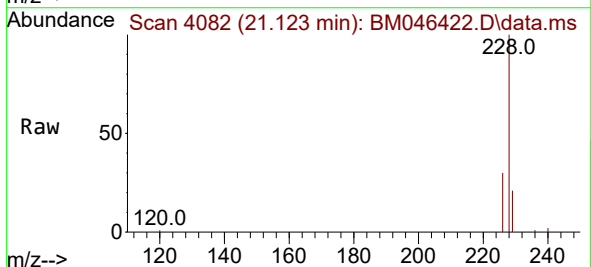
Tgt Ion:228 Resp: 205906

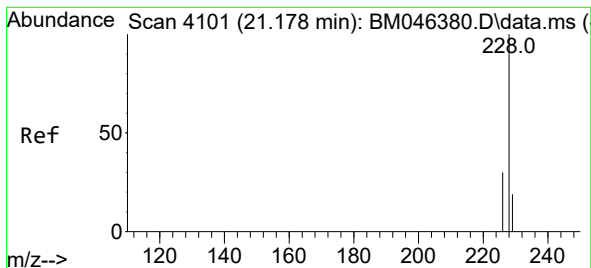
Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

226 29.7 22.0 33.0





#22

Chrysene

Concen: 2.742 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

Instrument :

BNA_M

ClientSampleId :

A4BC7

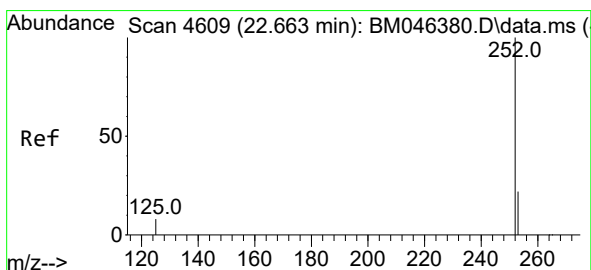
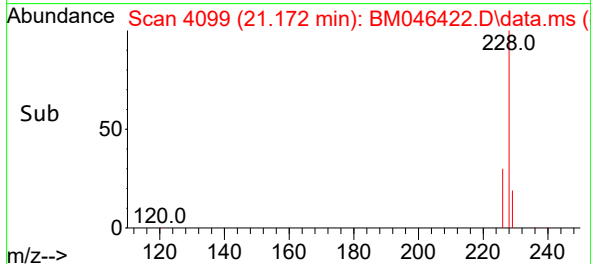
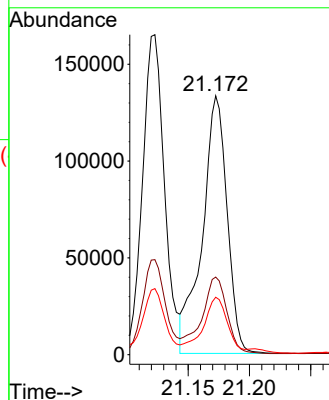
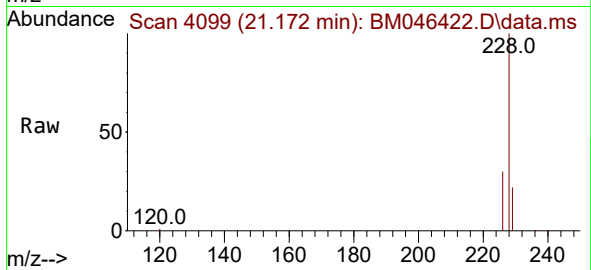
Tgt Ion:228 Resp: 187142

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 22.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 4.834 ng/ul

RT: 22.660 min Scan# 4608

Delta R.T. -0.003 min

Lab File: BM046422.D

Acq: 06 Jul 2024 17:01

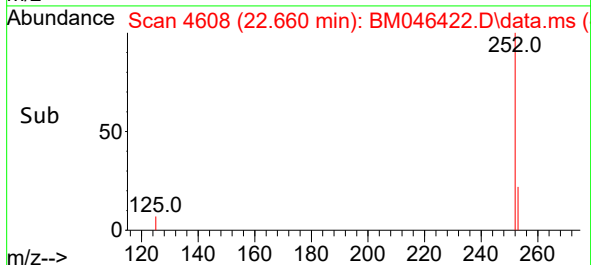
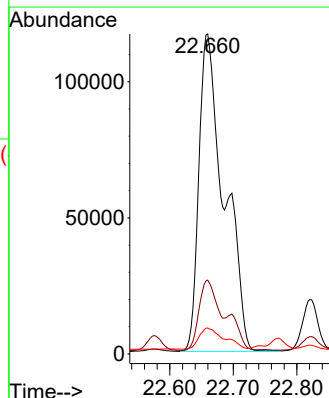
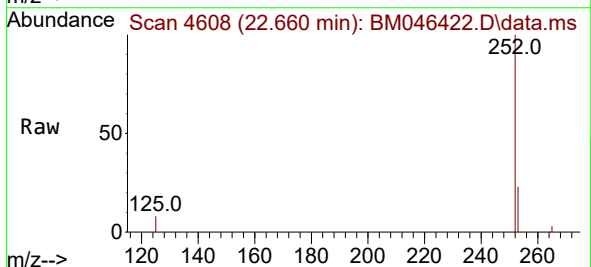
Tgt Ion:252 Resp: 322326

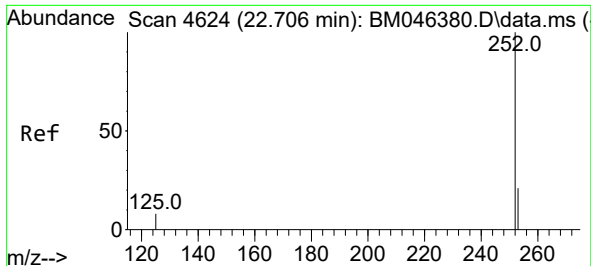
Ion Ratio Lower Upper

252 100

253 23.1 0.0 47.0

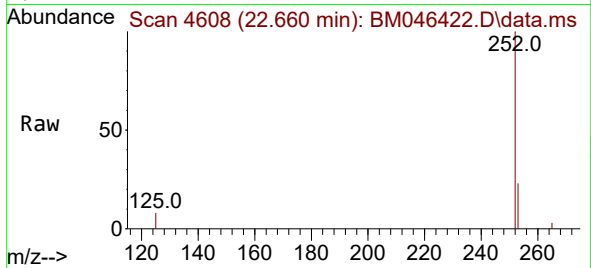
125 8.1 0.0 18.4



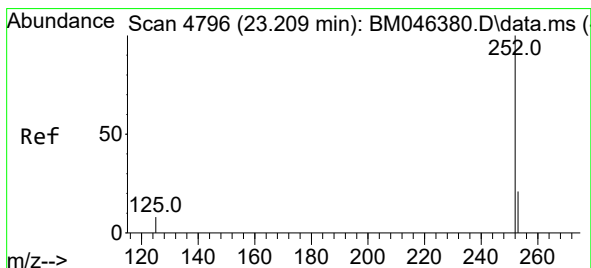
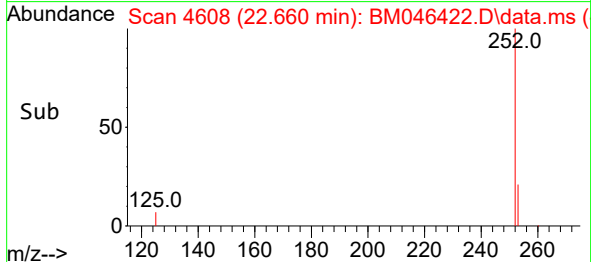
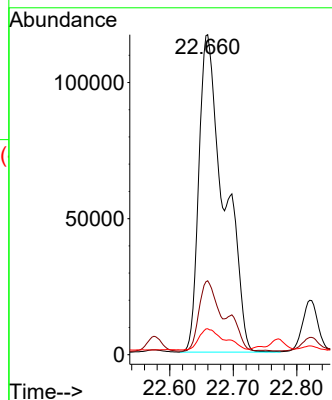


#25
Benzo(k)fluoranthene
Concen: 4.789 ng/ul
RT: 22.660 min Scan# 4608
Delta R.T. -0.047 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

Instrument :
BNA_M
ClientSampleId :
A4BC7

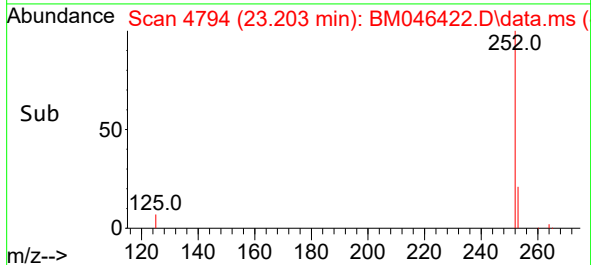
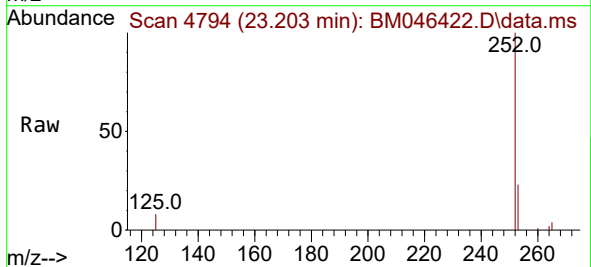
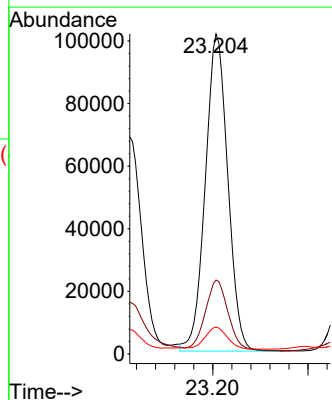


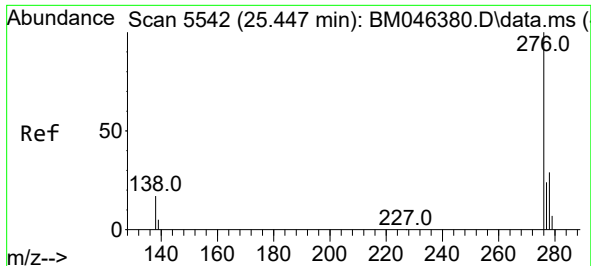
Tgt Ion:252 Resp: 322326
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 8.1 7.5 11.3



#26
Benzo(a)pyrene
Concen: 3.147 ng/ul
RT: 23.203 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

Tgt Ion:252 Resp: 165844
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 8.4 8.1 12.1

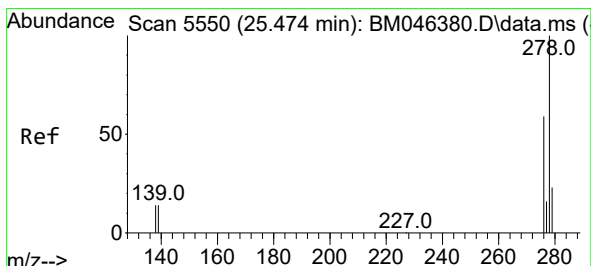
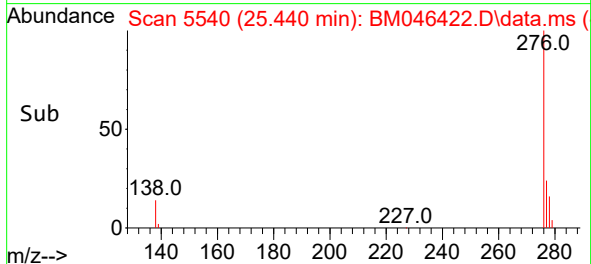
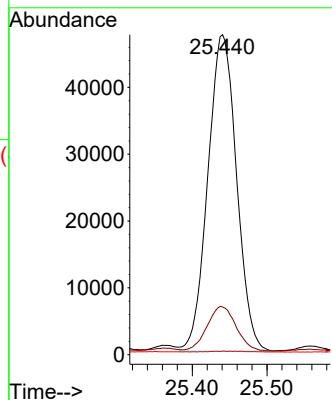
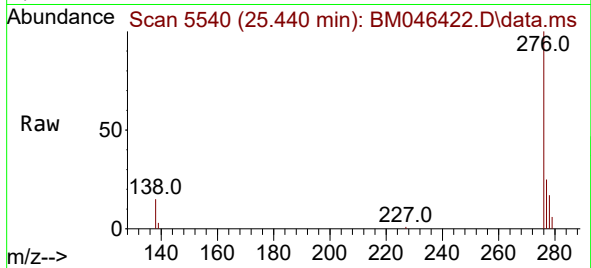




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.777 ng/ul
 RT: 25.440 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

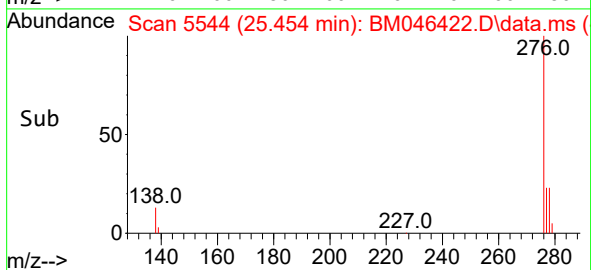
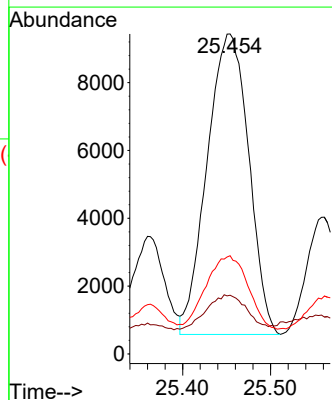
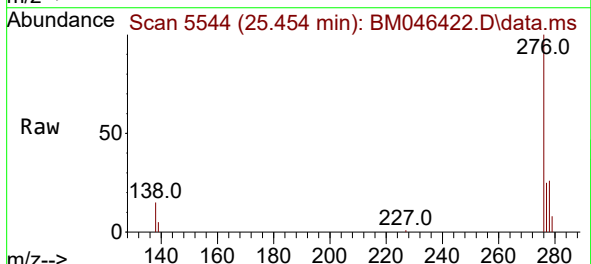
Instrument :
 BNA_M
 ClientSampleId :
 A4BC7

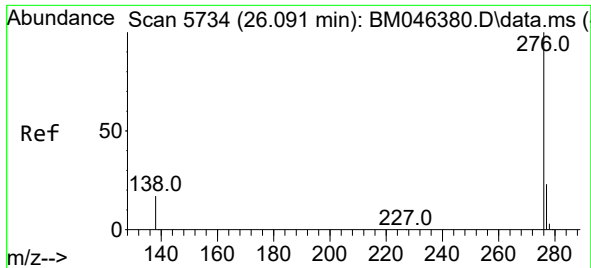
Tgt Ion:276 Resp: 126504
 Ion Ratio Lower Upper
 276 100
 138 14.2 15.7 23.5#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.529 ng/ul
 RT: 25.454 min Scan# 5544
 Delta R.T. -0.020 min
 Lab File: BM046422.D
 Acq: 06 Jul 2024 17:01

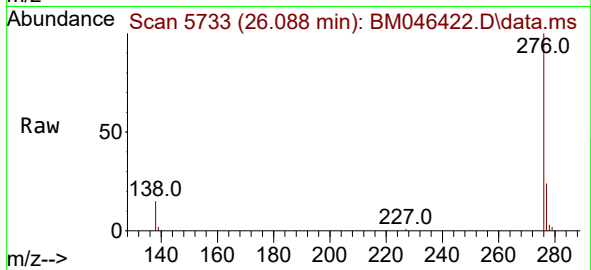
Tgt Ion:278 Resp: 29125
 Ion Ratio Lower Upper
 278 100
 139 18.3 12.6 18.8
 279 30.7 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 2.167 ng/ul
RT: 26.088 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM046422.D
Acq: 06 Jul 2024 17:01

Instrument :
BNA_M
ClientSampleId :
A4BC7



Tgt Ion:276 Resp: 123032
Ion Ratio Lower Upper
276 100
138 15.2 15.4 23.0#
277 24.4 19.7 29.5

