

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046521.D
 Acq On : 11 Jul 2024 17:14
 Operator : MA/JU
 Sample : P3035-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC9

Quant Time: Jul 12 04:22:16 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)

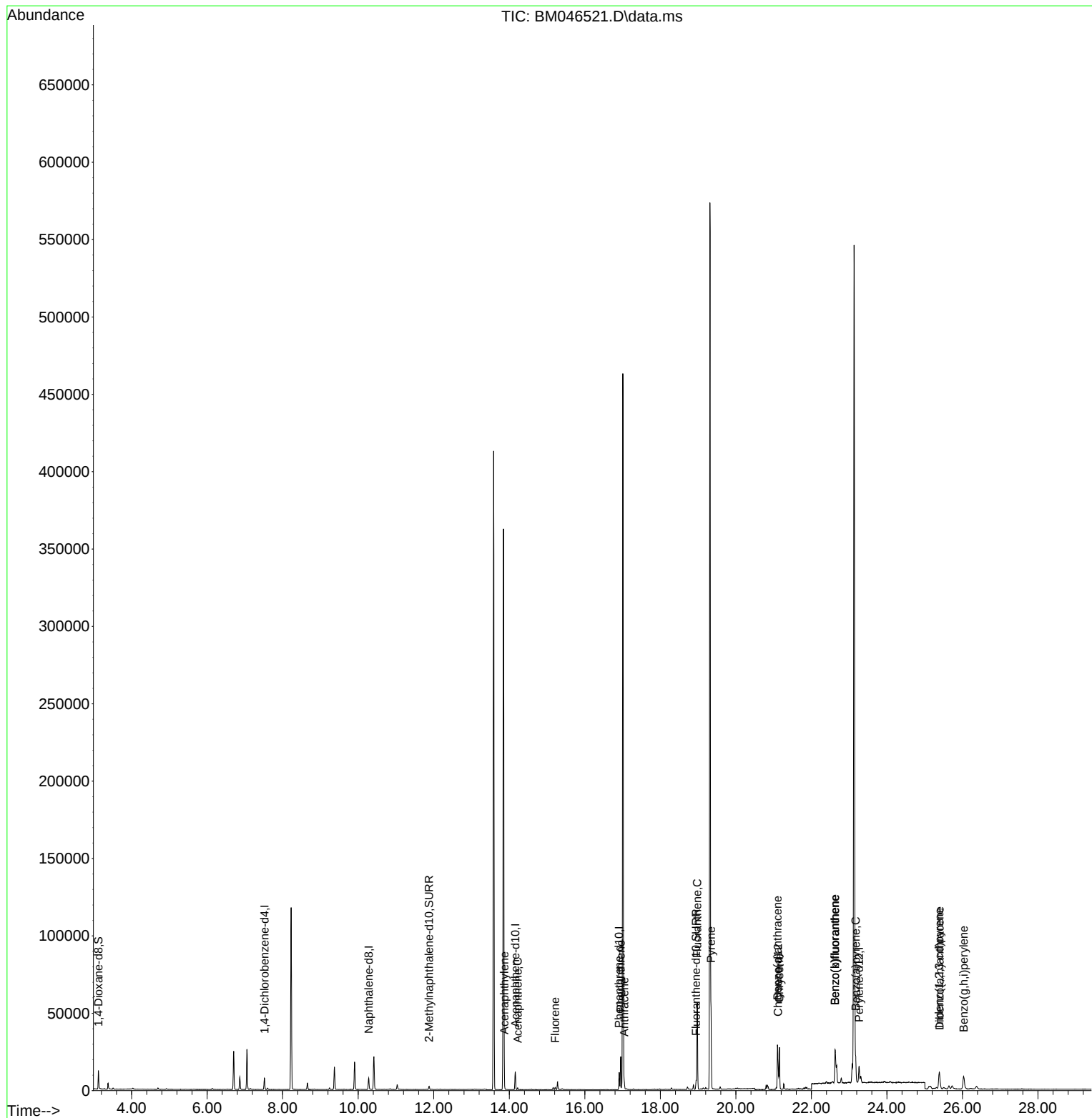
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.518	152	3668	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	9673	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	6273	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	13822	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	11438	0.400	ng/ul	0.00
23) Perylene-d12	23.264	264	13516	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	7268	2.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2610	0.167	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	6481	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.873	152	1000	0.035	ng/ul#	86
11) Acenaphthene	14.220	153	697	0.036	ng/ul	93
12) Fluorene	15.214	166	937	0.040	ng/ul#	96
15) Phenanthrene	16.951	178	21803	0.553	ng/ul	99
16) Anthracene	17.044	178	4805	0.125	ng/ul	98
19) Fluoranthene	18.979	202	51720	1.101	ng/ul	99
20) Pyrene	19.341	202	43325	0.852	ng/ul	99
21) Benzo(a)anthracene	21.102	228	22452	0.444	ng/ul	99
22) Chrysene	21.152	228	24731	0.505	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	46739	0.866	ng/ul	95
25) Benzo(k)fluoranthene	22.627	252	46739	0.882	ng/ul	95
26) Benzo(a)pyrene	23.171	252	20770	0.467	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.386	276	17764	0.263	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.396	278	4158	0.078	ng/ul#	72
29) Benzo(g,h,i)perylene	26.030	276	17318	0.321	ng/ul	98

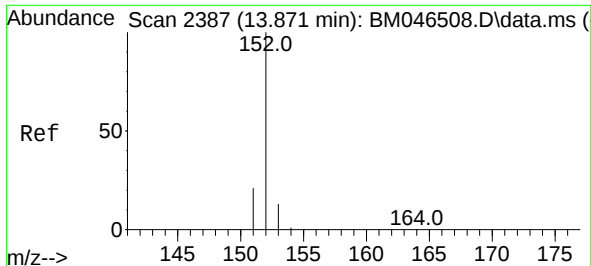
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
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Quant Time: Jul 12 04:22:16 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

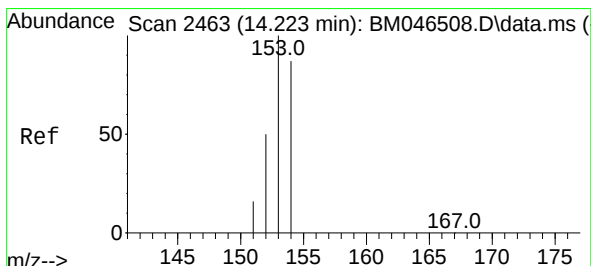
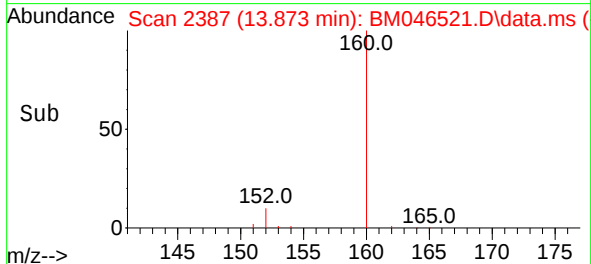
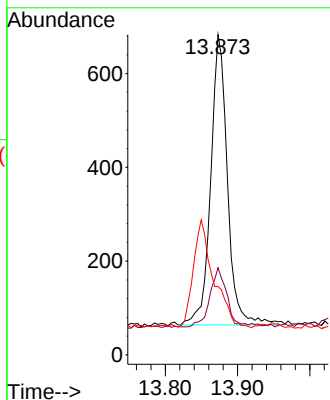
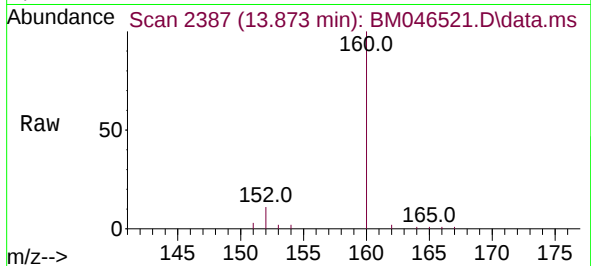




#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.873 min Scan# 2462
Delta R.T. 0.001 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

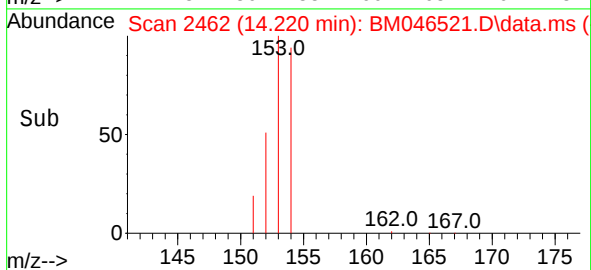
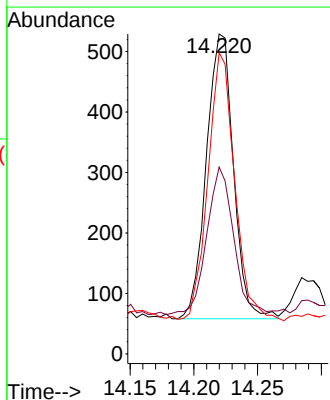
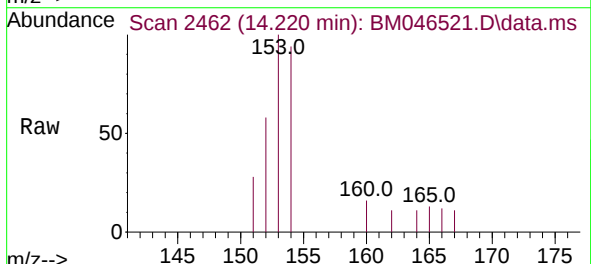
Instrument :
BNA_M
ClientSampleId :
A4CC9

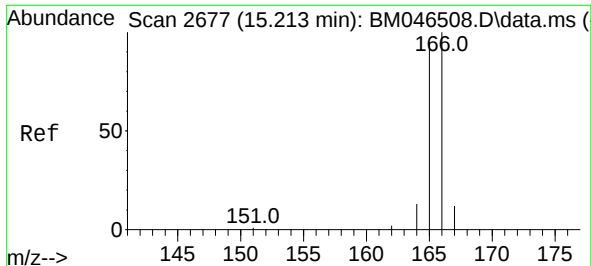
Tgt Ion:152 Resp: 1000
Ion Ratio Lower Upper
152 100
151 27.2 16.4 24.6#
153 21.4 12.4 18.6#



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.220 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Tgt Ion:153 Resp: 697
Ion Ratio Lower Upper
153 100
152 58.4 43.0 64.6
154 94.1 69.9 104.9





#12

Fluorene

Concen: 0.040 ng/ul

RT: 15.214 min Scan# 2

Delta R.T. 0.001 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_M

ClientSampleId :

A4CC9

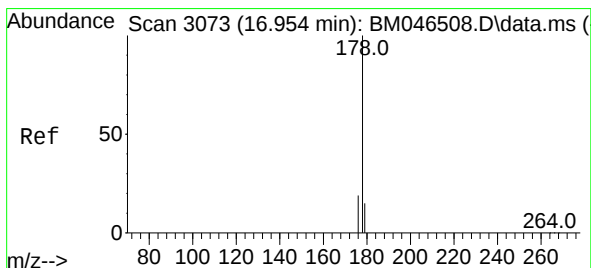
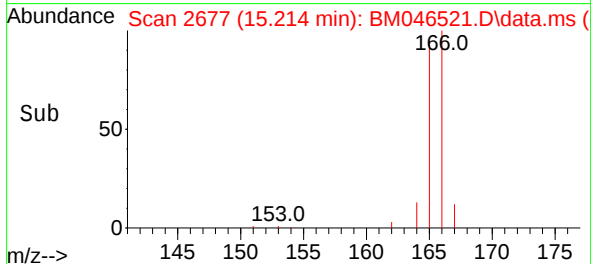
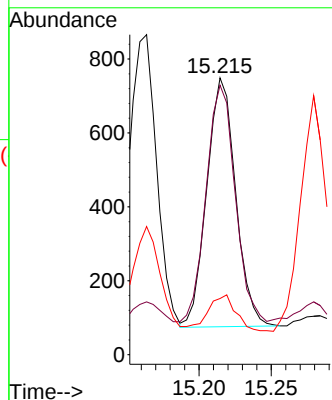
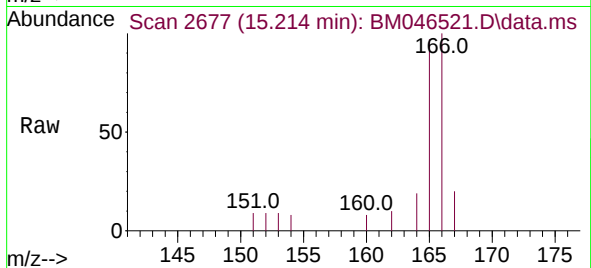
Tgt Ion:166 Resp: 937

Ion Ratio Lower Upper

166 100

165 97.3 76.1 114.1

167 20.3 12.5 18.7#



#15

Phenanthrene

Concen: 0.553 ng/ul

RT: 16.951 min Scan# 3072

Delta R.T. -0.003 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

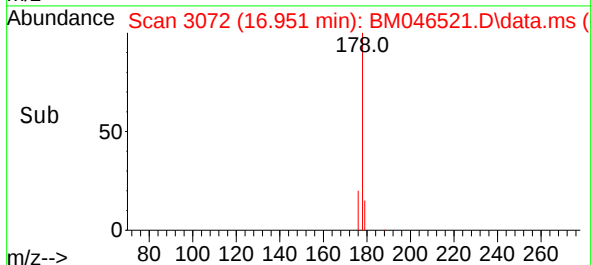
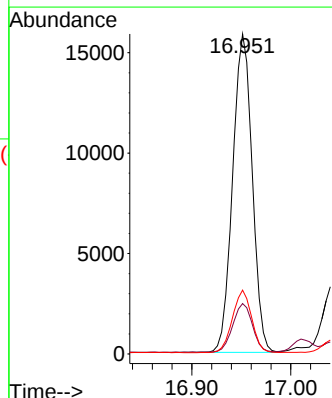
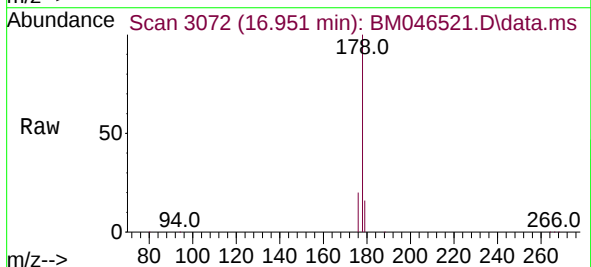
Tgt Ion:178 Resp: 21803

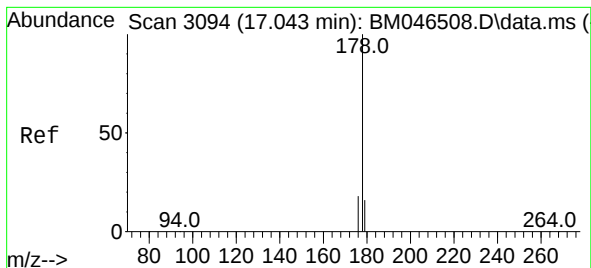
Ion Ratio Lower Upper

178 100

179 15.7 13.1 19.7

176 20.0 16.0 24.0





#16

Anthracene

Concen: 0.125 ng/ul

RT: 17.044 min Scan# 3094

Delta R.T. 0.001 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_M

ClientSampleId :

A4CC9

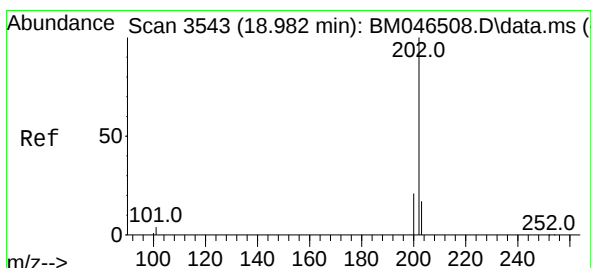
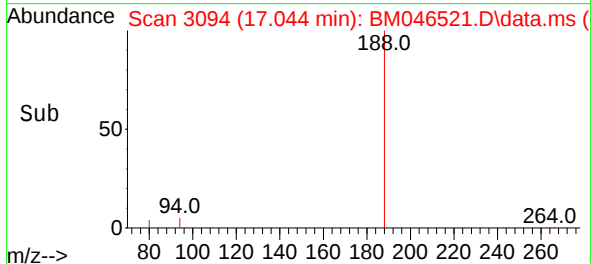
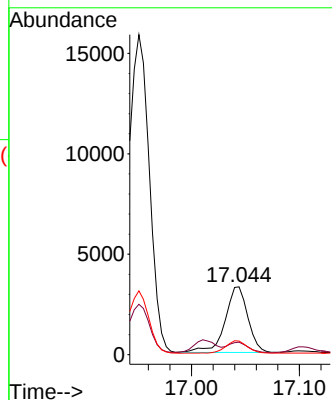
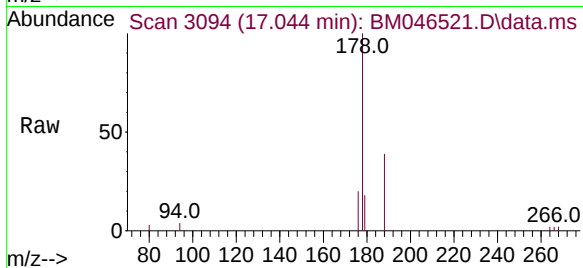
Tgt Ion:178 Resp: 4805

Ion Ratio Lower Upper

178 100

179 18.3 13.5 20.3

176 20.1 15.7 23.5



#19

Fluoranthene

Concen: 1.101 ng/ul

RT: 18.979 min Scan# 3542

Delta R.T. -0.003 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

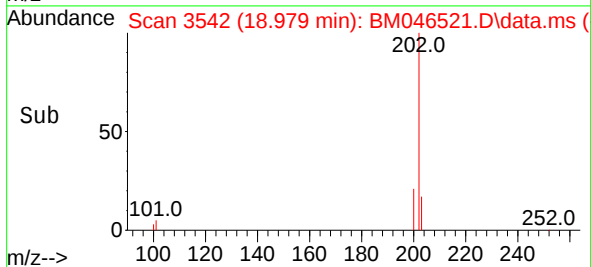
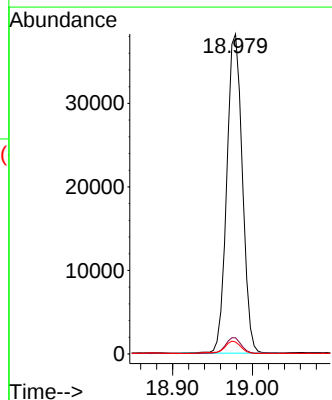
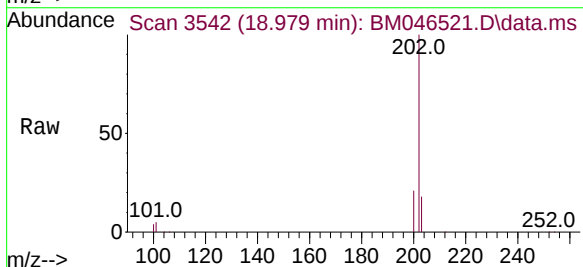
Tgt Ion:202 Resp: 51720

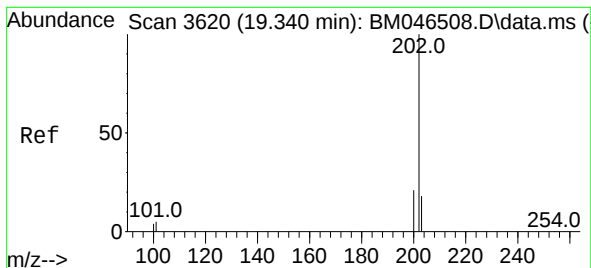
Ion Ratio Lower Upper

202 100

101 5.0 4.6 6.8

100 3.8 3.0 4.6





#20

Pyrene

Concen: 0.852 ng/ul

RT: 19.341 min Scan# 3

Delta R.T. 0.001 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

Instrument :

BNA_M

ClientSampleId :

A4CC9

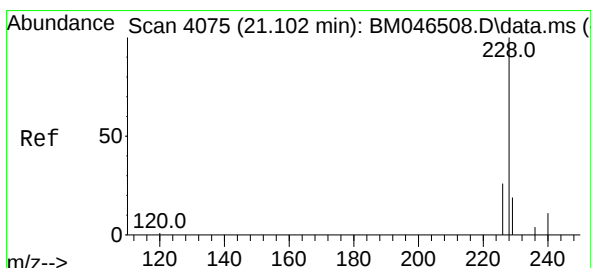
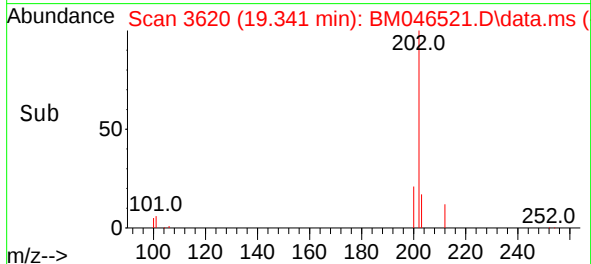
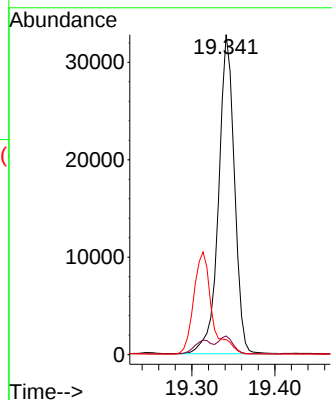
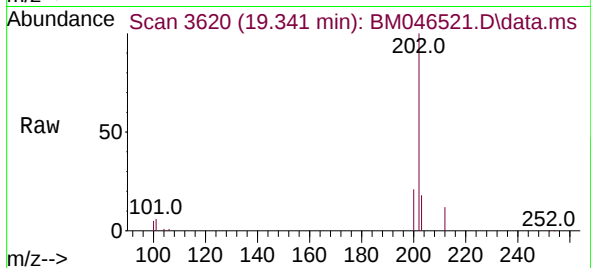
Tgt Ion:202 Resp: 43325

Ion Ratio Lower Upper

202 100

101 5.9 5.1 7.7

100 4.7 3.8 5.6



#21

Benzo(a)anthracene

Concen: 0.444 ng/ul

RT: 21.102 min Scan# 4075

Delta R.T. -0.000 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

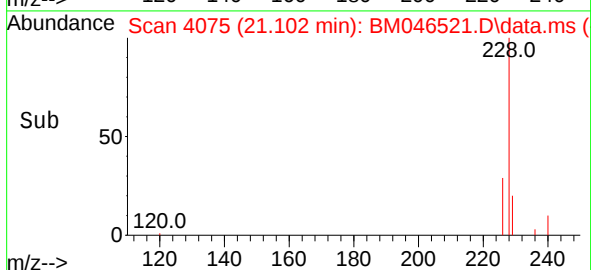
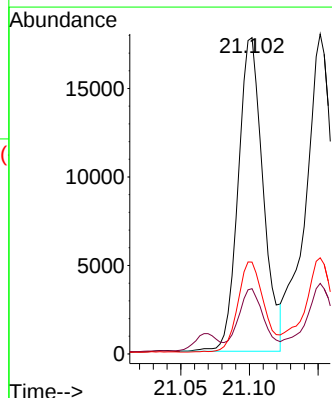
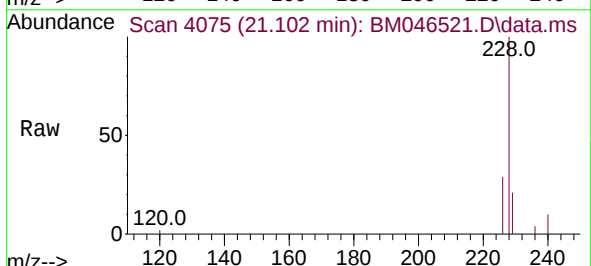
Tgt Ion:228 Resp: 22452

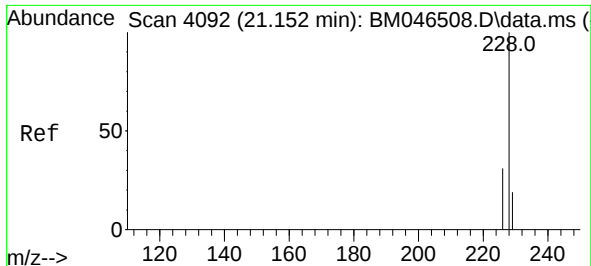
Ion Ratio Lower Upper

228 100

229 20.7 16.5 24.7

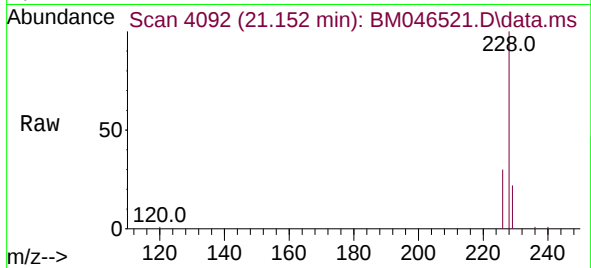
226 29.0 22.5 33.7



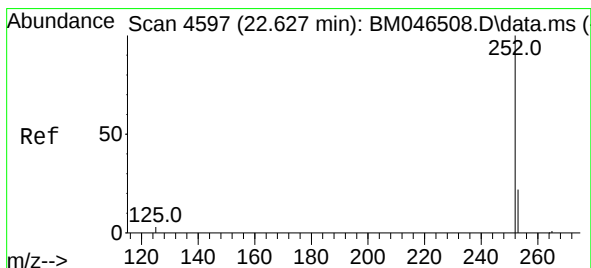
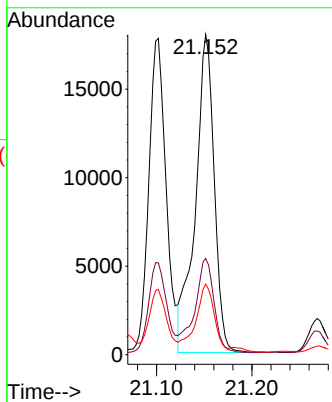
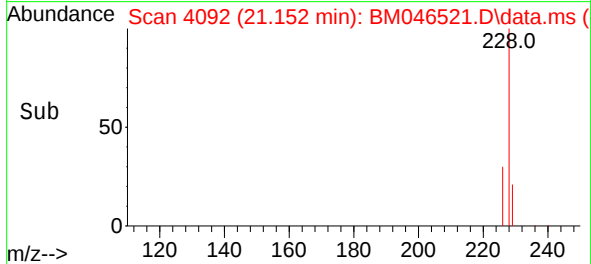


#22
Chrysene
Concen: 0.505 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Instrument :
BNA_M
ClientSampleId :
A4CC9

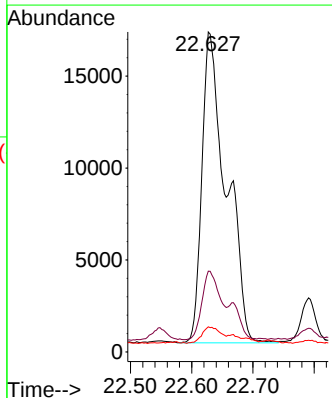
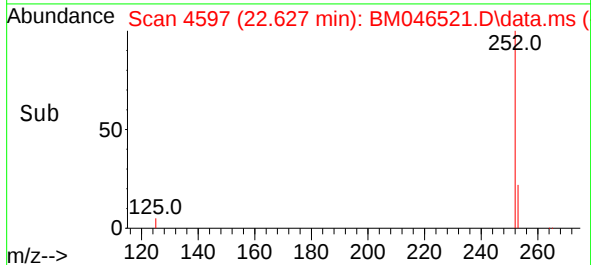
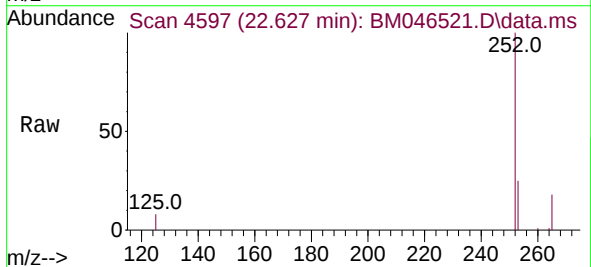


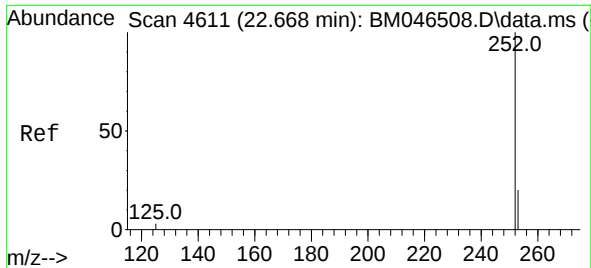
Tgt Ion:228 Resp: 24731
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.1 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 0.866 ng/ul
RT: 22.627 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Tgt Ion:252 Resp: 46739
Ion Ratio Lower Upper
252 100
253 25.2 0.0 56.2
125 7.9 0.0 17.8

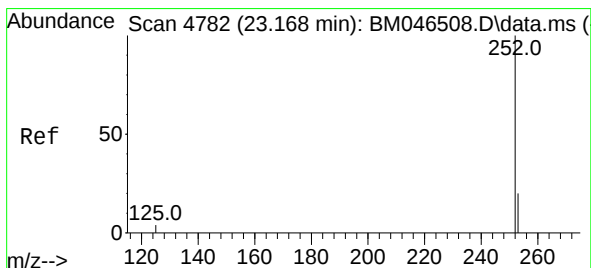
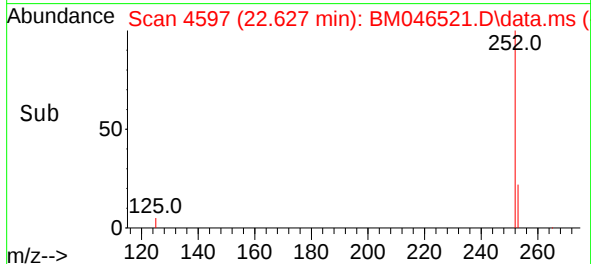
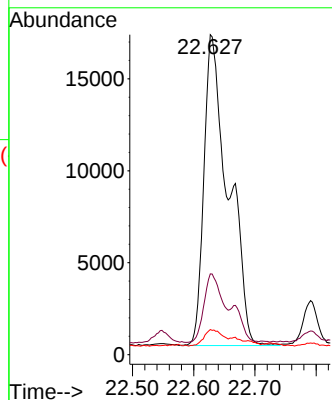
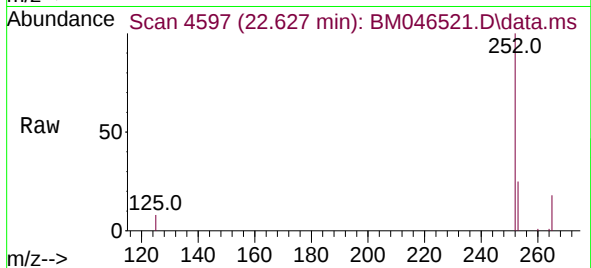




#25
Benzo(k)fluoranthene
Concen: 0.882 ng/ul
RT: 22.627 min Scan# 4611
Delta R.T. -0.041 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

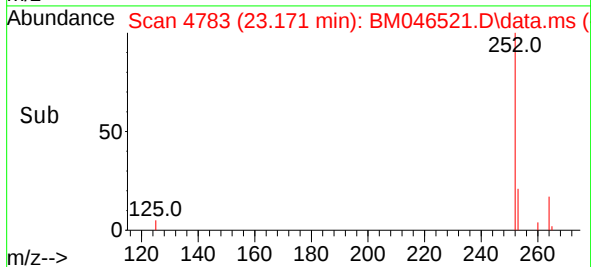
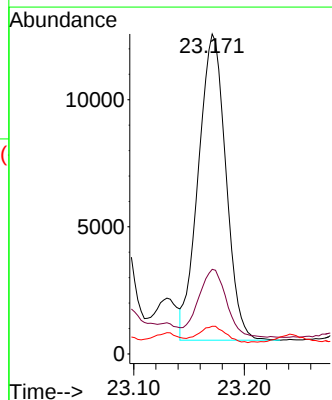
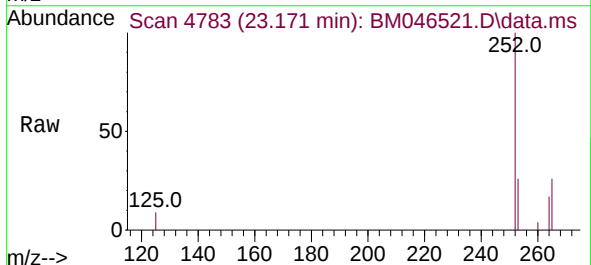
Instrument :
BNA_M
ClientSampleId :
A4CC9

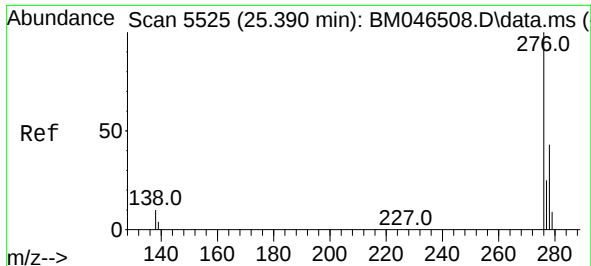
Tgt Ion:252 Resp: 46739
Ion Ratio Lower Upper
252 100
253 25.2 22.4 33.6
125 7.9 7.0 10.4



#26
Benzo(a)pyrene
Concen: 0.467 ng/ul
RT: 23.171 min Scan# 4783
Delta R.T. 0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Tgt Ion:252 Resp: 20770
Ion Ratio Lower Upper
252 100
253 26.4 24.0 36.0
125 8.7 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.263 ng/ul

RT: 25.386 min Scan# 5524

Delta R.T. -0.004 min

Lab File: BM046521.D

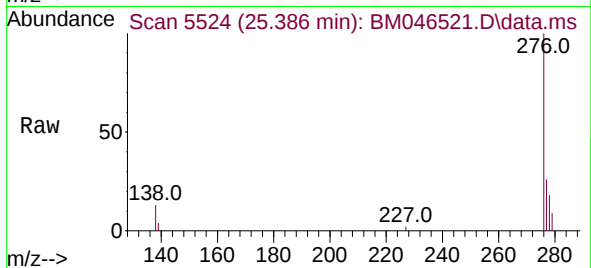
Acq: 11 Jul 2024 17:14

Instrument :

BNA_M

ClientSampleId :

A4CC9



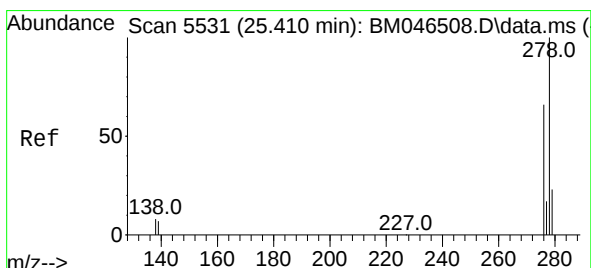
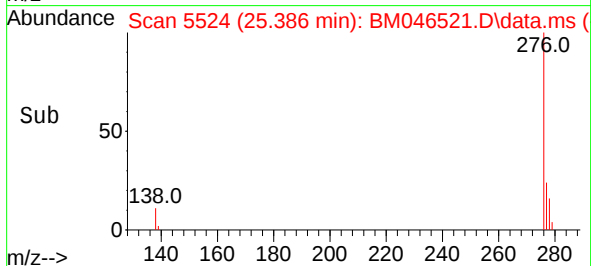
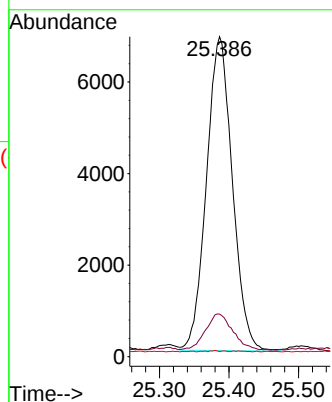
Tgt Ion:276 Resp: 17764

Ion Ratio Lower Upper

276 100

138 11.9 0.0 0.0#

227 0.1 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 25.396 min Scan# 5527

Delta R.T. -0.014 min

Lab File: BM046521.D

Acq: 11 Jul 2024 17:14

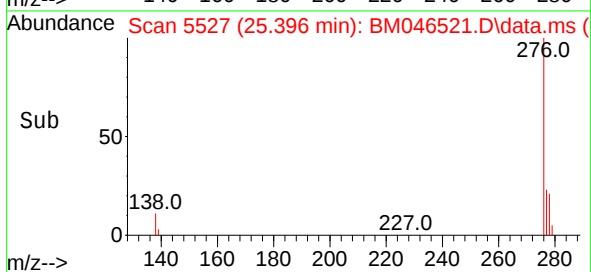
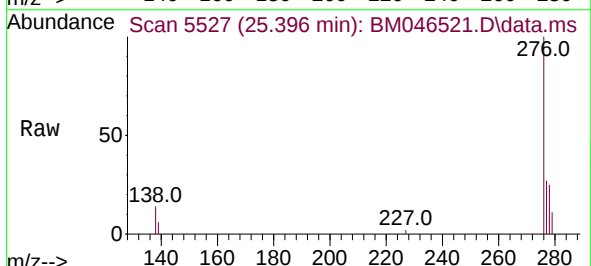
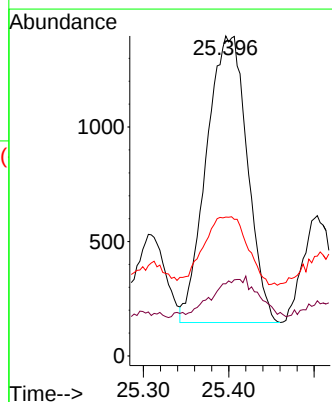
Tgt Ion:278 Resp: 4158

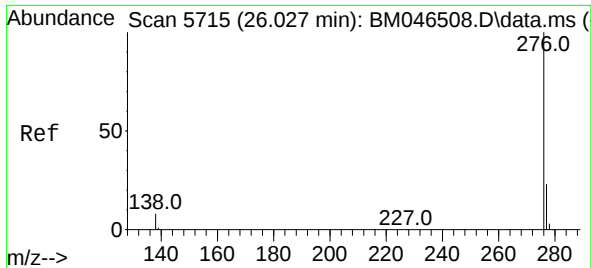
Ion Ratio Lower Upper

278 100

139 22.5 9.1 13.7#

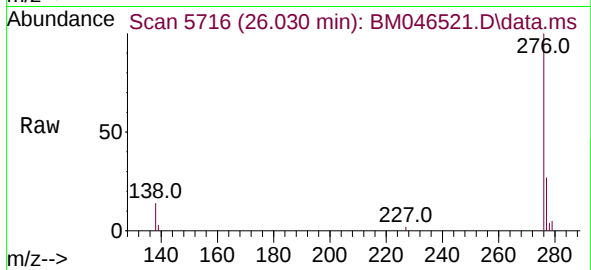
279 43.4 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 26.030 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	10.2	15.4
277	26.9	20.9	31.3

