

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045507.D
 Acq On : 23 Apr 2024 10:47
 Operator : MA/JU
 Sample : P2104-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Quant Time: Apr 24 04:49:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 04:47:50 2024
 Response via : Initial Calibration

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

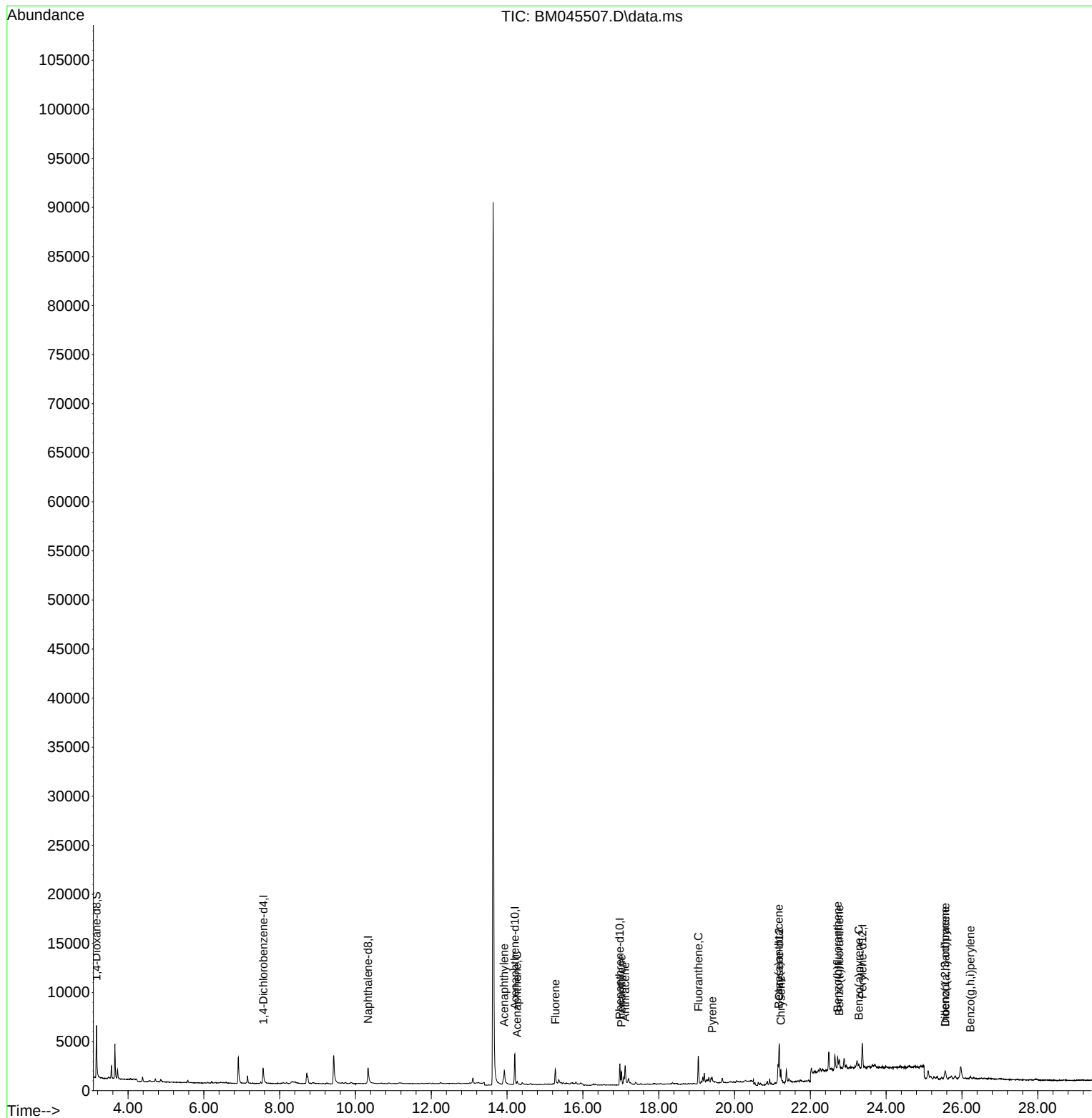
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1175	0.400	ng/ul	0.00
4) Naphthalene-d8	10.331	136	3416	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.205	164	1770	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.976	188	2952	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2249	0.400	ng/ul	-0.02
23) Perylene-d12	23.373	264	3296	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	3752	2.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	35	0.008	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	22	0.003	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.927	152	2529	0.290	ng/ul	97
11) Acenaphthene	14.265	153	234	0.036	ng/ul#	87
12) Fluorene	15.274	166	1164	0.168	ng/ul#	94
15) Phenanthrene	17.018	178	1669	0.194	ng/ul	96
16) Anthracene	17.115	178	2808	0.349	ng/ul	98
19) Fluoranthene	19.047	202	2829	0.273	ng/ul	97
20) Pyrene	19.410	202	610	0.057	ng/ul#	79
21) Benzo(a)anthracene	21.169	228	1690	0.235	ng/ul#	63
22) Chrysene	21.222	228	908	0.082	ng/ul#	66
24) Benzo(b)fluoranthene	22.721	252	1590	0.143	ng/ul#	40
25) Benzo(k)fluoranthene	22.765	252	1051	0.075	ng/ul#	8
26) Benzo(a)pyrene	23.282	252	414	0.036	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.558	276	604	0.036	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.564	278	778	0.059	ng/ul#	1
29) Benzo(g,h,i)perylene	26.225	276	462	0.031	ng/ul#	10

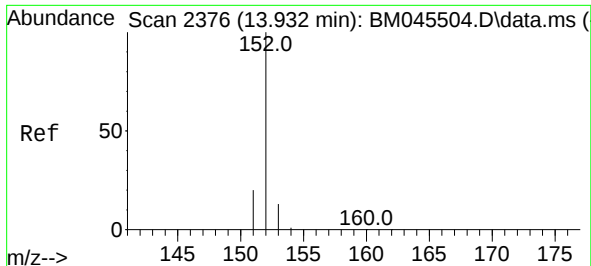
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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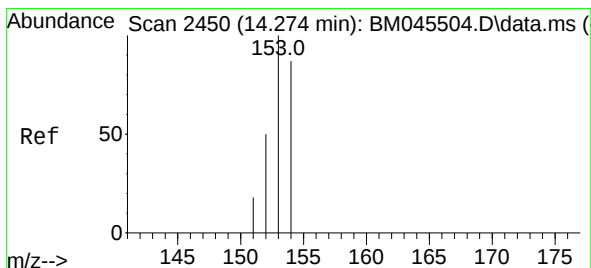
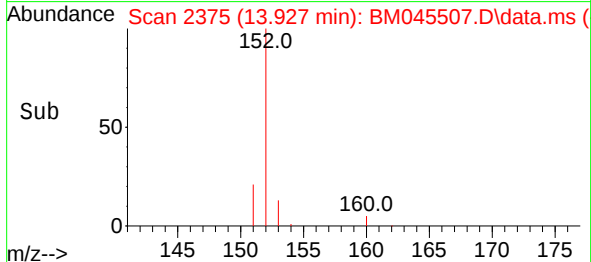
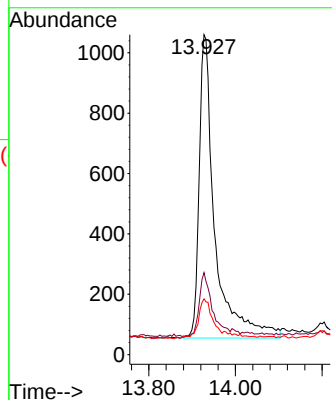
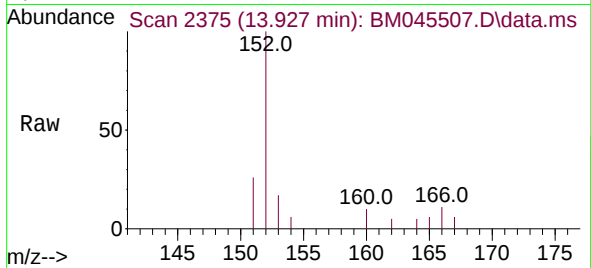




#10
Acenaphthylene
Concen: 0.290 ng/ul
RT: 13.927 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045507.D
Acq: 23 Apr 2024 10:47

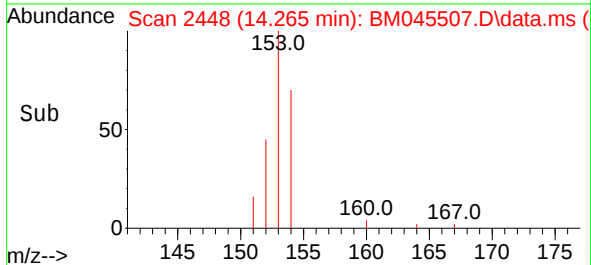
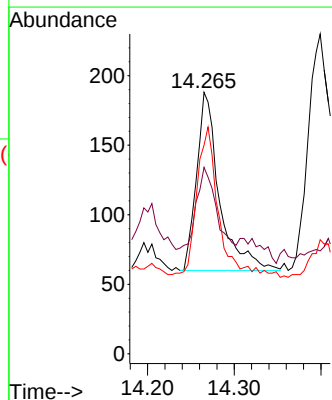
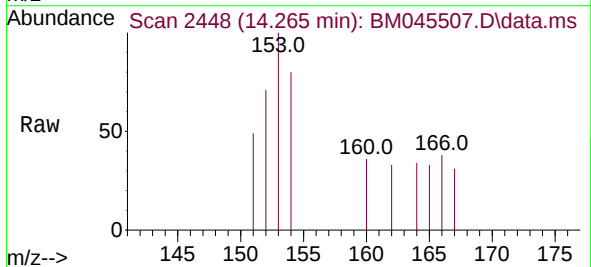
Instrument :
BNA_M
ClientSampleId :
C0AA7

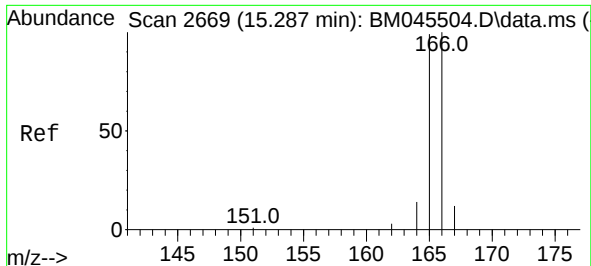
Tgt Ion:152 Resp: 2529
Ion Ratio Lower Upper
152 100
151 25.7 18.6 28.0
153 17.5 14.1 21.1



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.009 min
Lab File: BM045507.D
Acq: 23 Apr 2024 10:47

Tgt Ion:153 Resp: 234
Ion Ratio Lower Upper
153 100
152 71.3 43.4 65.2#
154 79.8 69.0 103.6

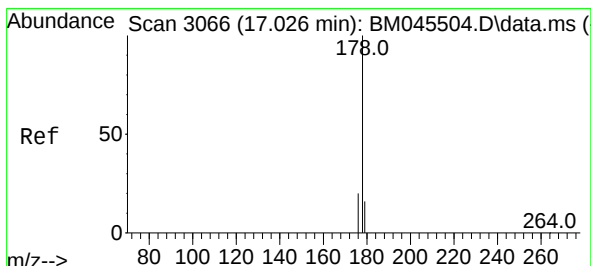
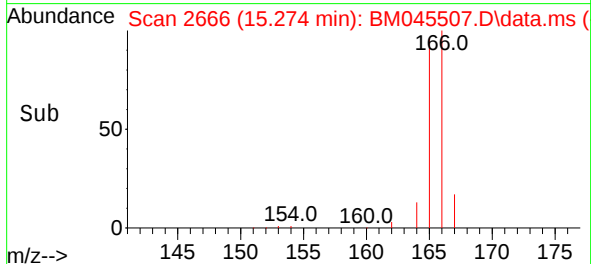
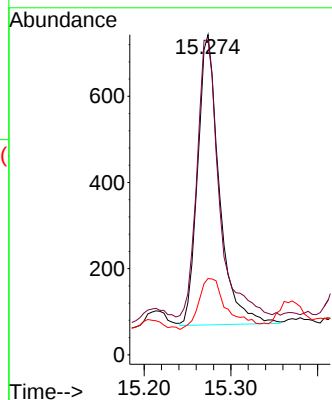
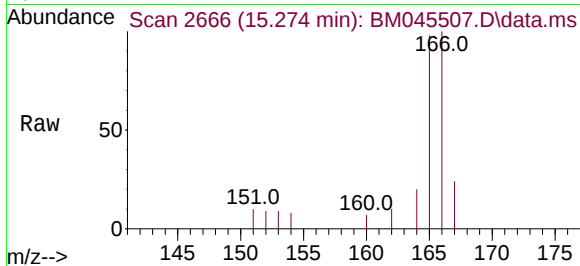




#12
Fluorene
Concen: 0.168 ng/ul
RT: 15.274 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045507.D
Acq: 23 Apr 2024 10:47

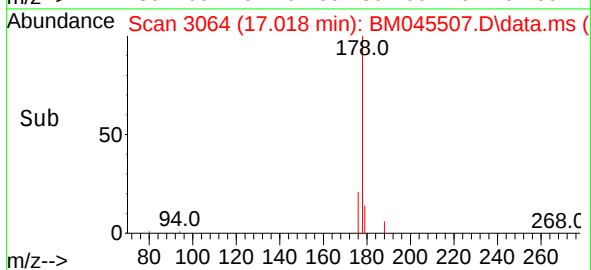
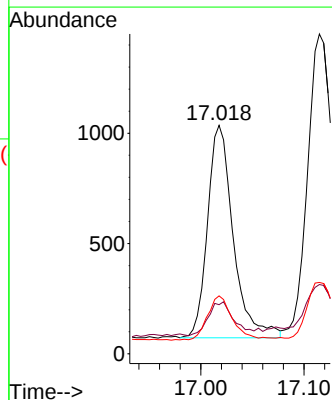
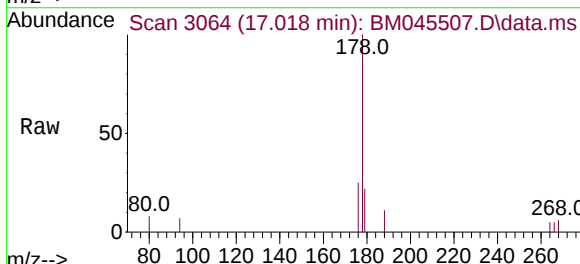
Instrument :
BNA_M
ClientSampleId :
C0AA7

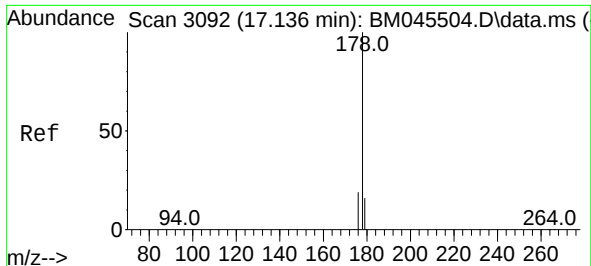
Tgt Ion:166 Resp: 1164
Ion Ratio Lower Upper
166 100
165 98.3 82.2 123.2
167 23.8 14.8 22.2#



#15
Phenanthrene
Concen: 0.194 ng/ul
RT: 17.018 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM045507.D
Acq: 23 Apr 2024 10:47

Tgt Ion:178 Resp: 1669
Ion Ratio Lower Upper
178 100
179 21.5 15.4 23.2
176 25.4 19.0 28.4

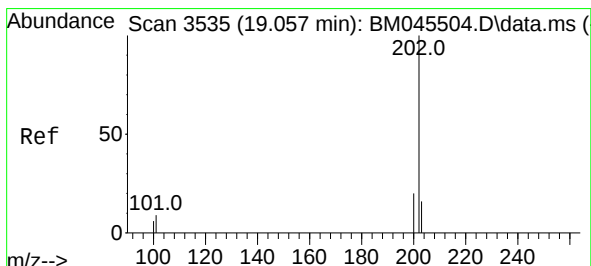
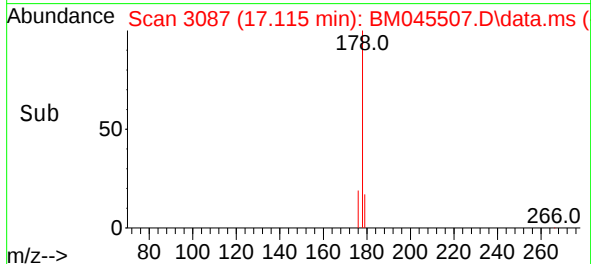
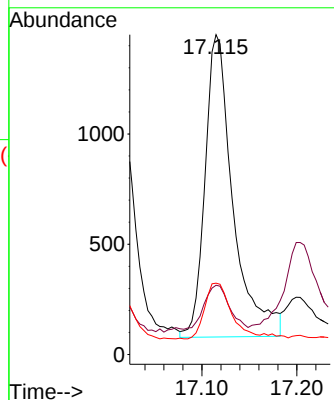
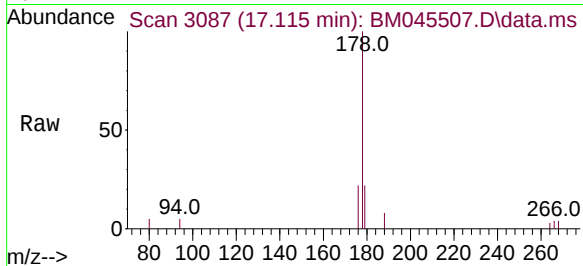




#16
 Anthracene
 Concen: 0.349 ng/ul
 RT: 17.115 min Scan# 3092
 Delta R.T. -0.021 min
 Lab File: BM045507.D
 Acq: 23 Apr 2024 10:47

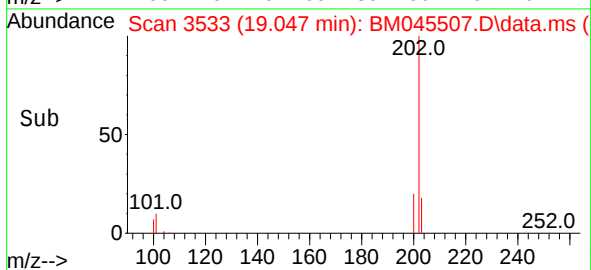
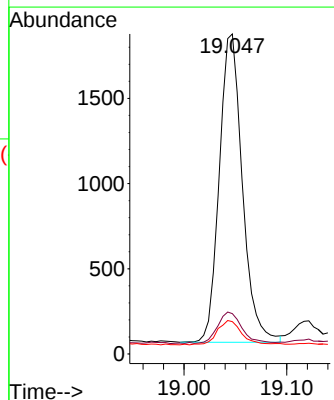
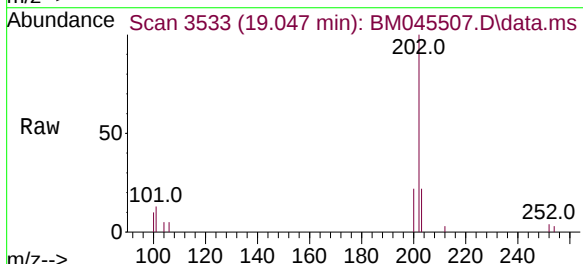
Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

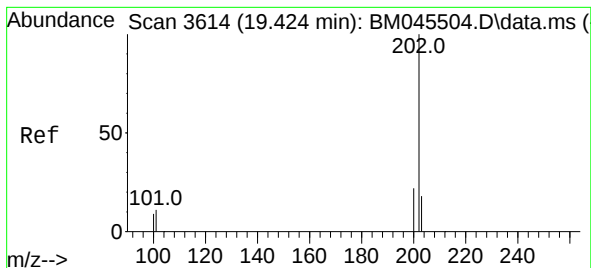
Tgt Ion:178 Resp: 2808
 Ion Ratio Lower Upper
 178 100
 179 21.7 17.8 26.6
 176 22.3 18.7 28.1



#19
 Fluoranthene
 Concen: 0.273 ng/ul
 RT: 19.047 min Scan# 3533
 Delta R.T. -0.010 min
 Lab File: BM045507.D
 Acq: 23 Apr 2024 10:47

Tgt Ion:202 Resp: 2829
 Ion Ratio Lower Upper
 202 100
 101 12.6 11.2 16.8
 100 10.1 9.1 13.7





#20

Pyrene

Concen: 0.057 ng/ul

RT: 19.410 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA7

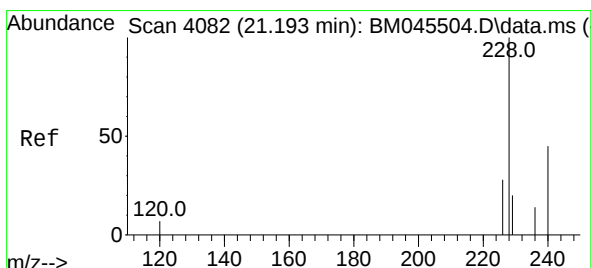
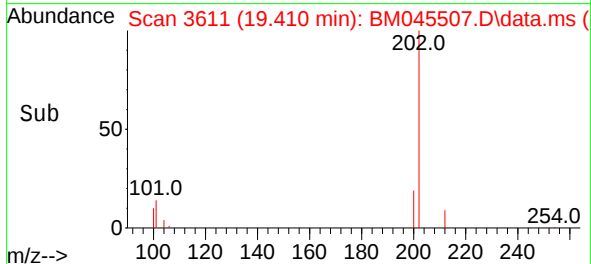
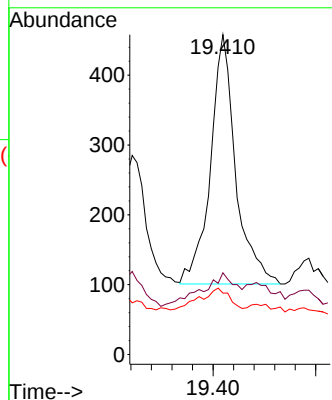
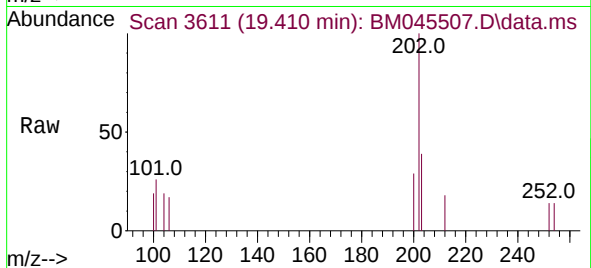
Tgt Ion:202 Resp: 610

Ion Ratio Lower Upper

202 100

101 25.5 11.5 17.3#

100 19.2 10.6 15.8#



#21

Benzo(a)anthracene

Concen: 0.235 ng/ul

RT: 21.169 min Scan# 4074

Delta R.T. -0.024 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

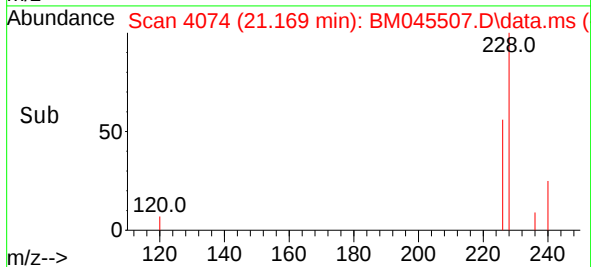
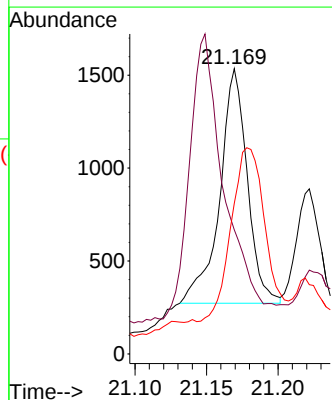
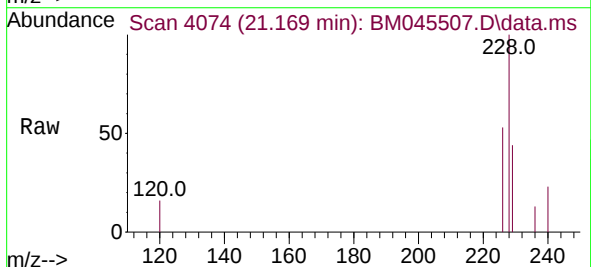
Tgt Ion:228 Resp: 1690

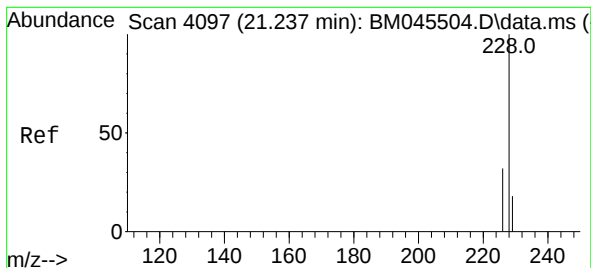
Ion Ratio Lower Upper

228 100

229 43.5 19.4 29.2#

226 52.8 26.3 39.5#





#22

Chrysene

Concen: 0.082 ng/ul

RT: 21.222 min Scan# 4092

Delta R.T. -0.015 min

Lab File: BM045507.D

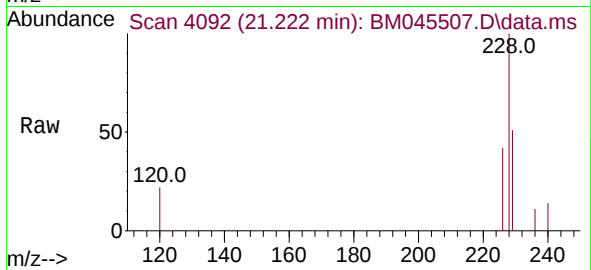
Acq: 23 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA7



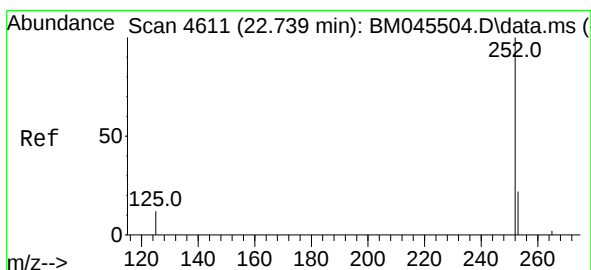
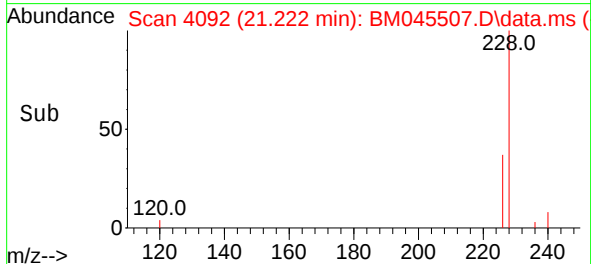
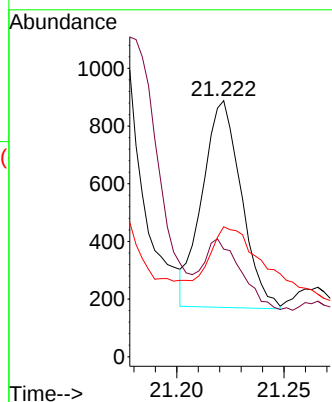
Tgt Ion:228 Resp: 908

Ion Ratio Lower Upper

228 100

226 42.0 26.3 39.5#

229 50.8 17.8 26.8#



#24

Benzo(b)fluoranthene

Concen: 0.143 ng/ul

RT: 22.721 min Scan# 4605

Delta R.T. -0.018 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

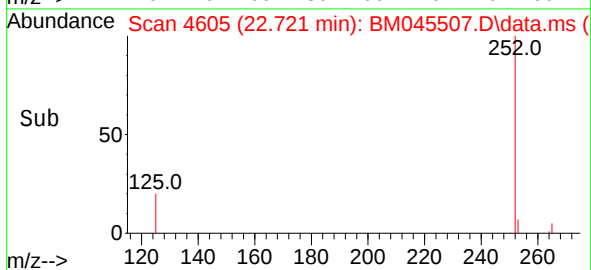
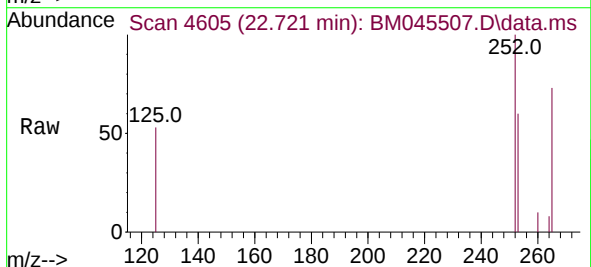
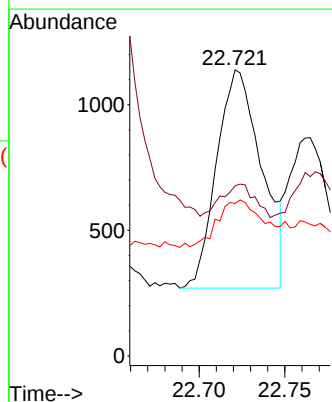
Tgt Ion:252 Resp: 1590

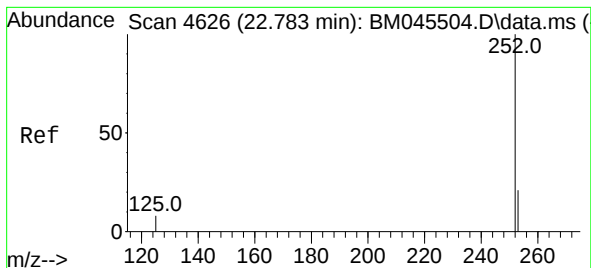
Ion Ratio Lower Upper

252 100

253 59.5 0.0 63.4

125 53.3 0.0 36.8#





#25

Benzo(k)fluoranthene

Concen: 0.075 ng/ul

RT: 22.765 min Scan# 4

Delta R.T. -0.018 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA7

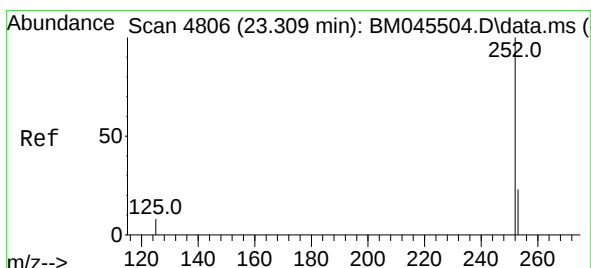
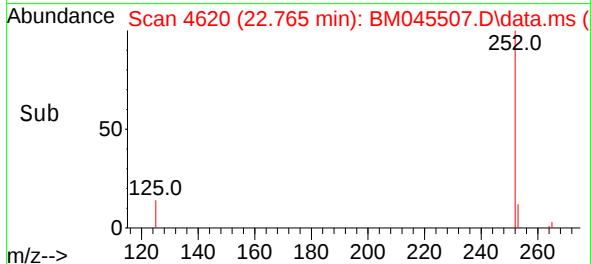
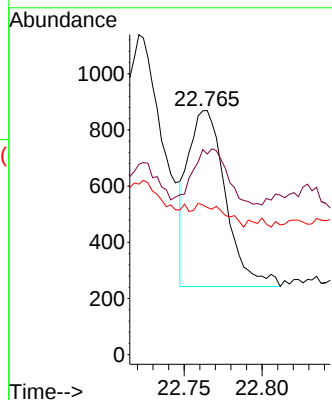
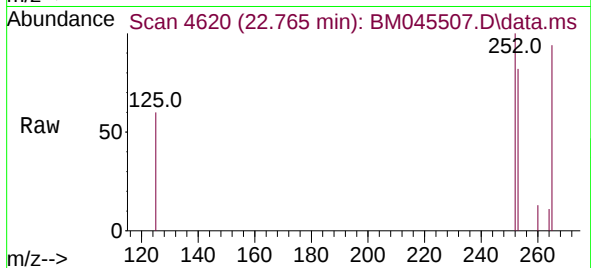
Tgt Ion:252 Resp: 1051

Ion Ratio Lower Upper

252 100

253 82.2 25.4 38.0#

125 60.3 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.036 ng/ul

RT: 23.282 min Scan# 4797

Delta R.T. -0.027 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

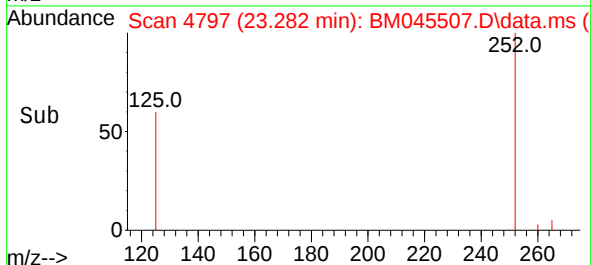
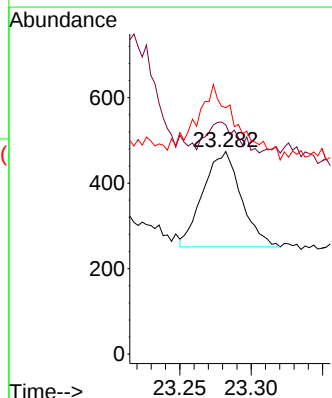
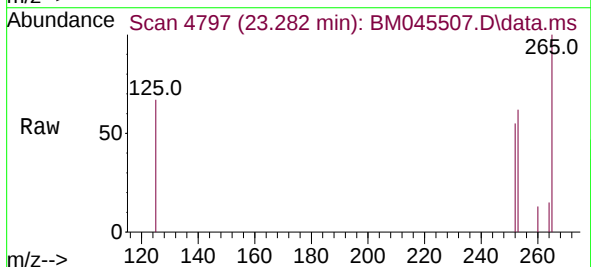
Tgt Ion:252 Resp: 414

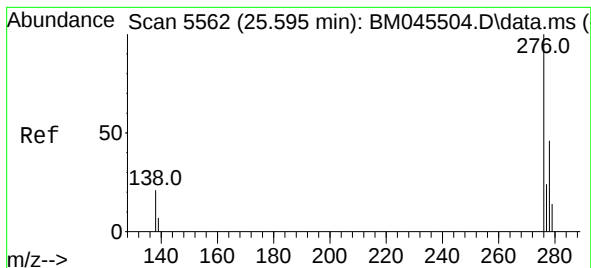
Ion Ratio Lower Upper

252 100

253 113.1 31.6 47.4#

125 121.7 19.5 29.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.036 ng/ul

RT: 25.558 min Scan# 5551

Delta R.T. -0.037 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

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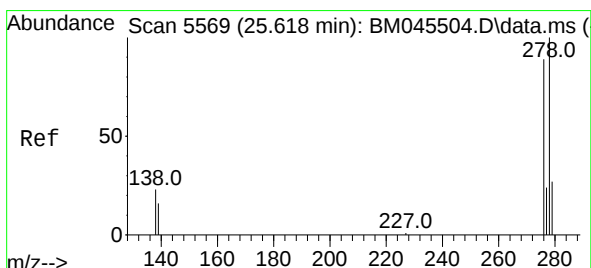
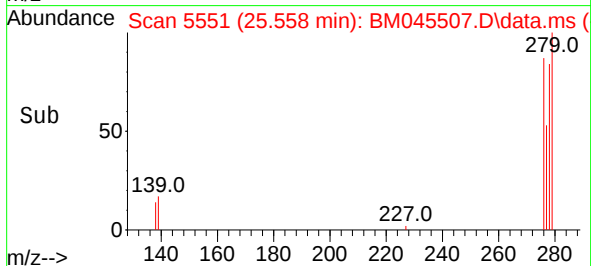
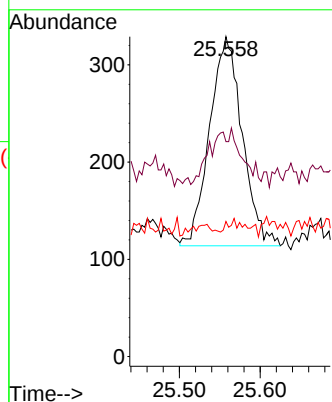
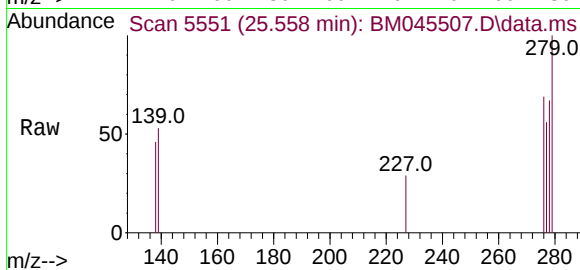
Tgt Ion:276 Resp: 604

Ion Ratio Lower Upper

276 100

138 25.3 19.8 29.6

227 5.1 0.2 0.2#



#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 25.564 min Scan# 5553

Delta R.T. -0.054 min

Lab File: BM045507.D

Acq: 23 Apr 2024 10:47

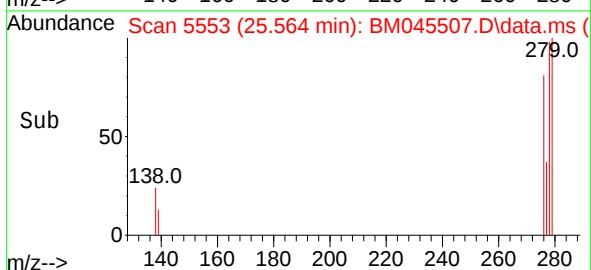
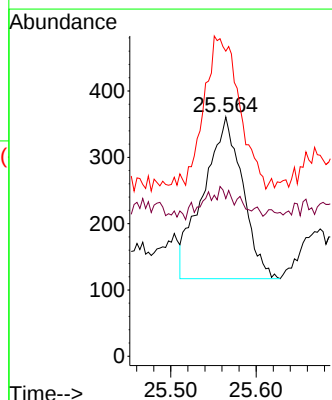
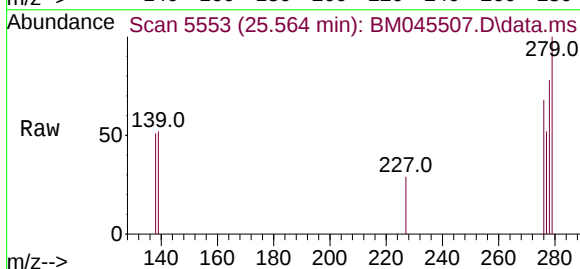
Tgt Ion:278 Resp: 778

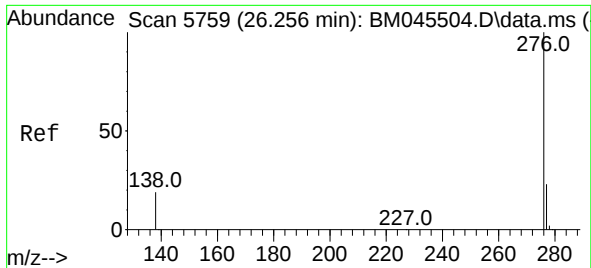
Ion Ratio Lower Upper

278 100

139 65.9 19.0 28.6#

279 127.4 29.4 44.2#





#29

Benzo(g,h,i)perylene

Concen: 0.031 ng/ul

RT: 26.225 min Scan# 51

Delta R.T. -0.031 min

Lab File: BM045507.D

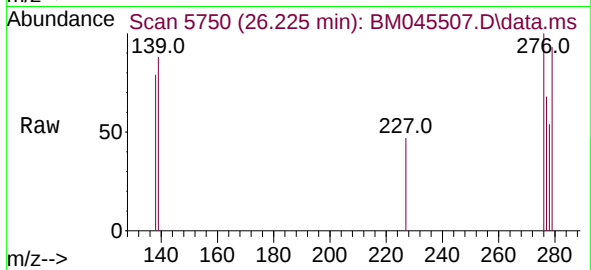
Acq: 23 Apr 2024 10:47

Instrument :

BNA_M

ClientSampleId :

C0AA7



Tgt Ion:276 Resp: 462

Ion Ratio Lower Upper

276 100

138 78.9 20.8 31.2#

277 67.8 21.8 32.8#

