

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045626.D
 Acq On : 29 Apr 2024 19:32
 Operator : MA/JU
 Sample : P2105-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC7MS

Quant Time: Apr 30 01:18:16 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 : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

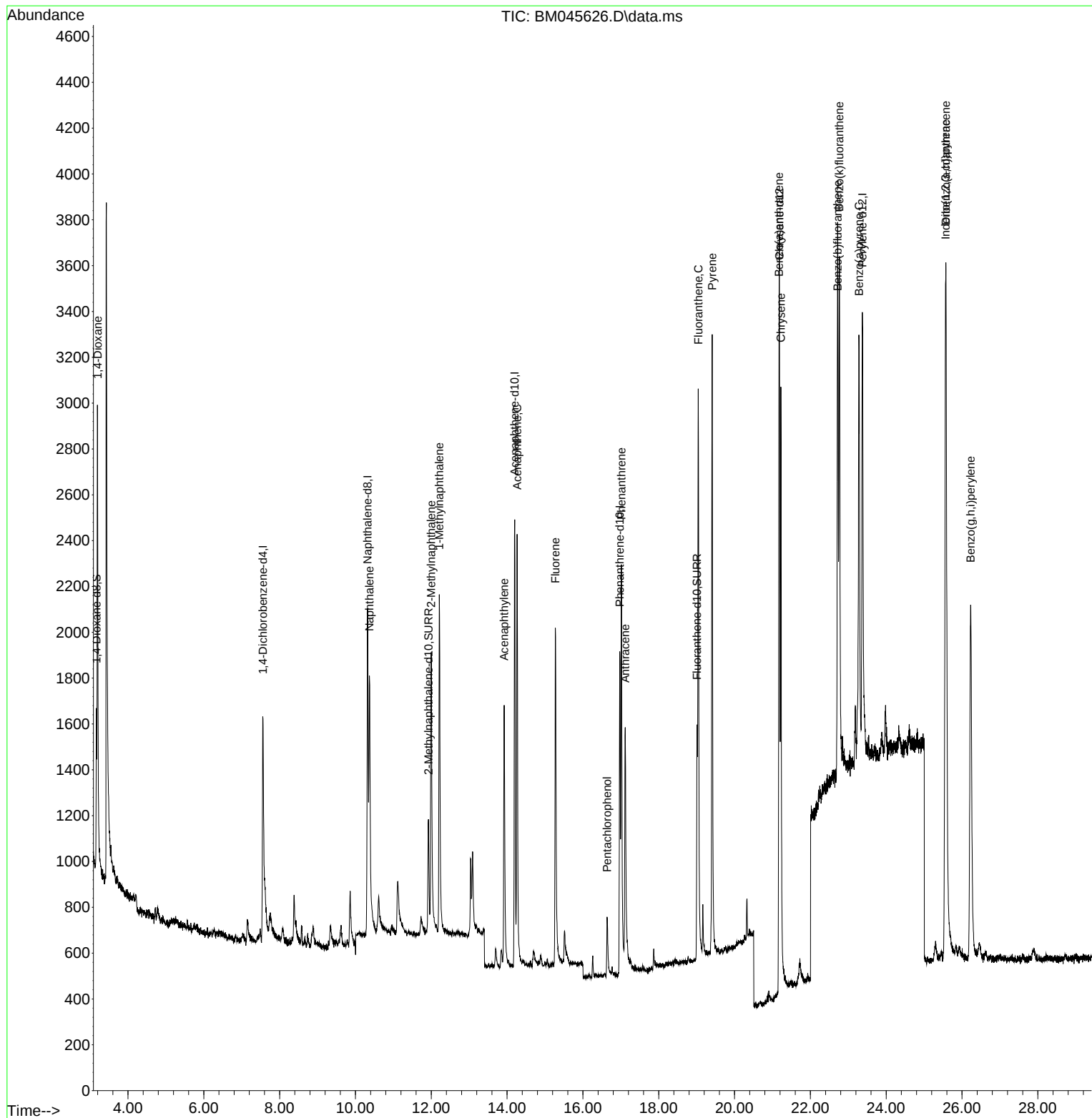
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	2790	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.200	164	1297	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	2301	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240	2034	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	2883	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	564	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	932	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212	1476	0.230	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	1473	1.244	ng/ul#	86
5) Naphthalene	10.369	128	2056	0.274	ng/ul	97
7) 2-Methylnaphthalene	11.997	142	1237	0.289	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	1262	0.263	ng/ul	99
10) Acenaphthylene	13.923	152	1819	0.284	ng/ul	97
11) Acenaphthene	14.265	153	1302	0.274	ng/ul	97
12) Fluorene	15.274	166	1357	0.267	ng/ul	97
14) Pentachlorophenol	16.638	266	262	0.571	ng/ul	95
15) Phenanthrene	17.014	178	2305	0.344	ng/ul	98
16) Anthracene	17.115	178	1935	0.309	ng/ul	100
19) Fluoranthene	19.043	202	2698	0.287	ng/ul	98
20) Pyrene	19.410	202	2865	0.297	ng/ul	95
21) Benzo(a)anthracene	21.173	228	2356	0.362	ng/ul	98
22) Chrysene	21.219	228	2983	0.298	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	3408	0.351	ng/ul	96
25) Benzo(k)fluoranthene	22.765	252	3280	0.268	ng/ul	97
26) Benzo(a)pyrene	23.283	252	3062	0.304	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.565	276	4379	0.300	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.575	278	3356	0.289	ng/ul	98
29) Benzo(g,h,i)perylene	26.226	276	3830	0.292	ng/ul	98

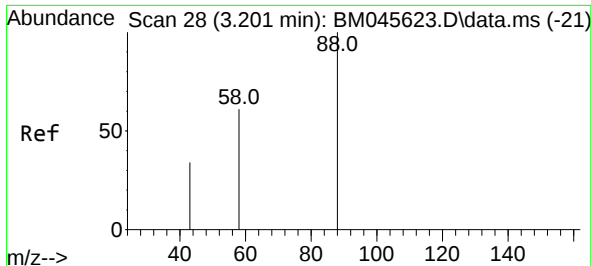
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045626.D
Acq On : 29 Apr 2024 19:32
Operator : MA/JU
Sample : P2105-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7MS

Quant Time: Apr 30 01:18:16 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 : Tue Apr 30 01:16:44 2024
Response via : Initial Calibration

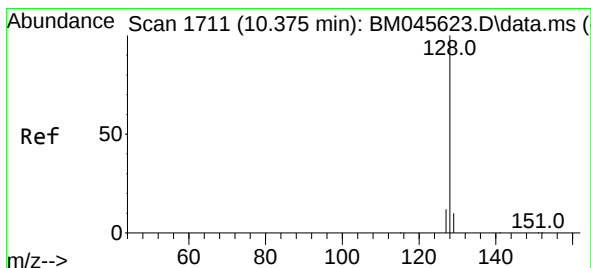
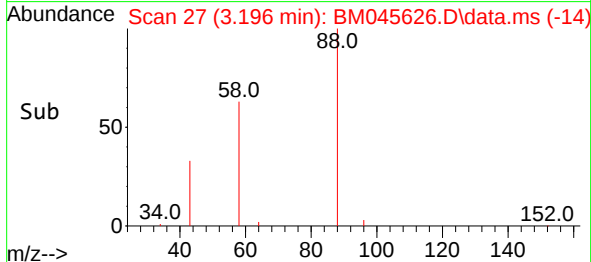
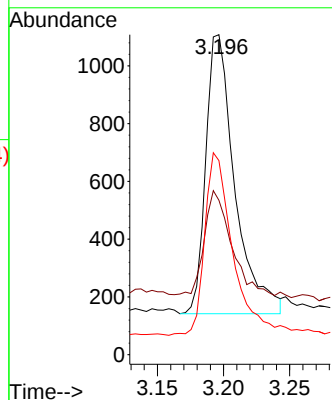
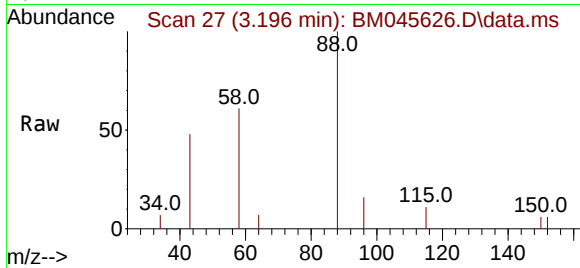




#2
1,4-Dioxane
Concen: 1.244 ng/ul
RT: 3.196 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

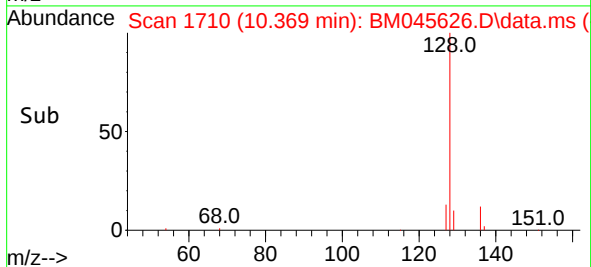
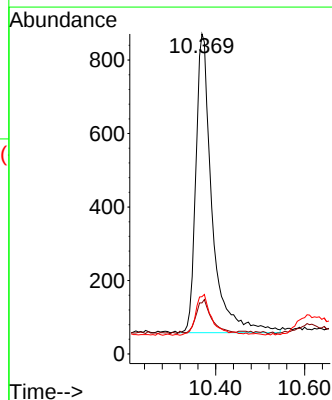
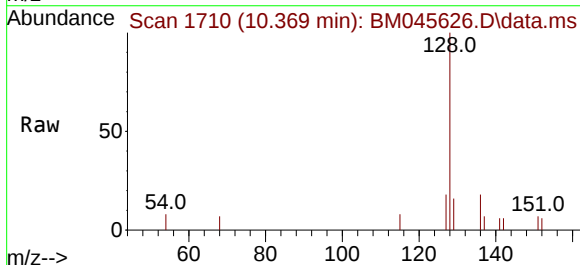
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

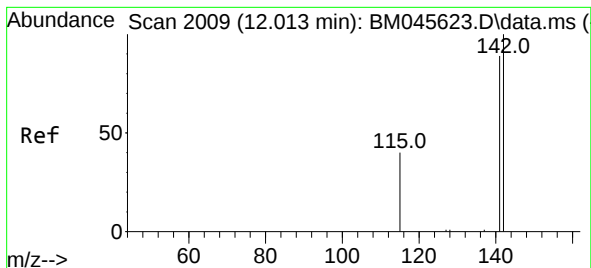
Tgt Ion: 88 Resp: 1473
Ion Ratio Lower Upper
88 100
43 48.3 36.8 55.2
58 60.6 35.4 53.2#



#5
Naphthalene
Concen: 0.274 ng/ul
RT: 10.369 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion: 128 Resp: 2056
Ion Ratio Lower Upper
128 100
129 16.0 14.0 21.0
127 17.9 15.4 23.2





#7

2-Methylnaphthalene

Concen: 0.289 ng/ul

RT: 11.997 min Scan# 2006

Delta R.T. -0.017 min

Lab File: BM045626.D

Acq: 29 Apr 2024 19:32

Instrument :

BNA_M

ClientSampleId :

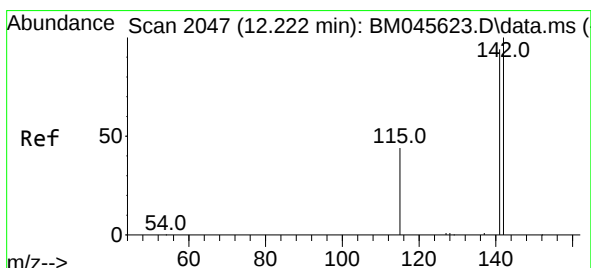
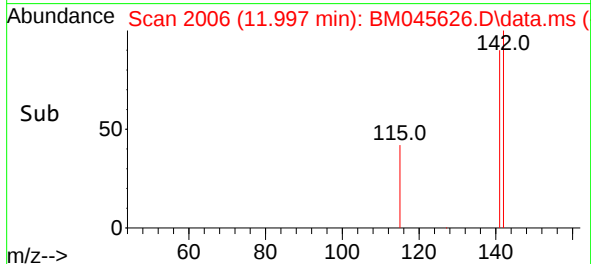
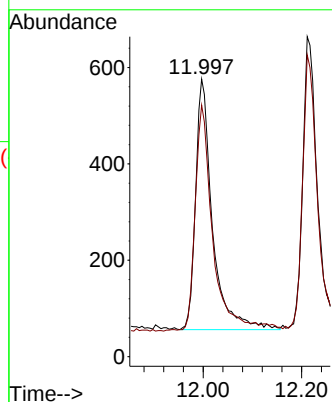
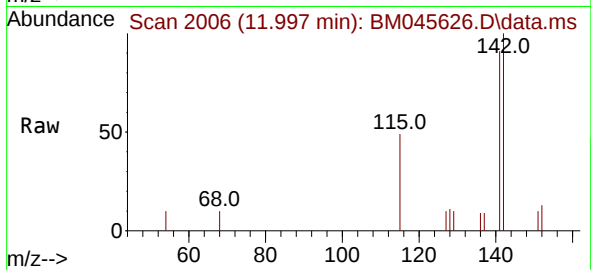
C0AC7MS

Tgt Ion:142 Resp: 1237

Ion Ratio Lower Upper

142 100

141 93.0 74.6 111.8



#8

1-Methylnaphthalene

Concen: 0.263 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045626.D

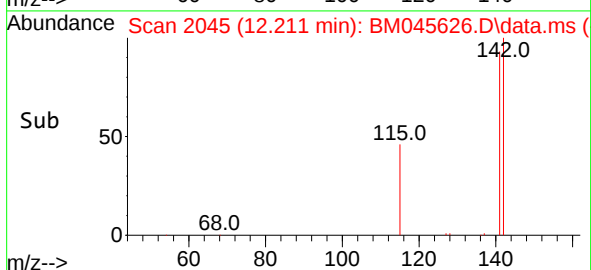
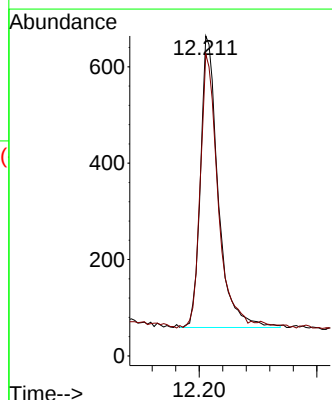
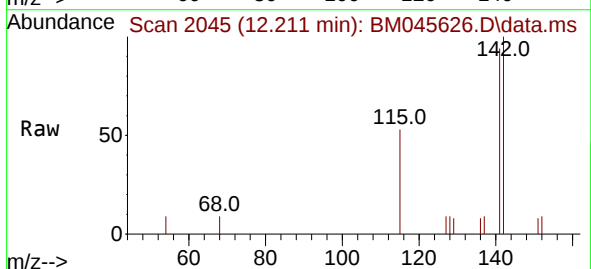
Acq: 29 Apr 2024 19:32

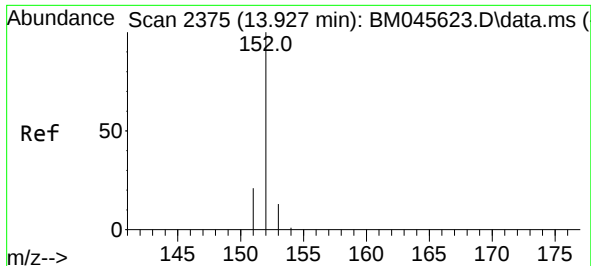
Tgt Ion:142 Resp: 1262

Ion Ratio Lower Upper

142 100

141 96.4 76.1 114.1

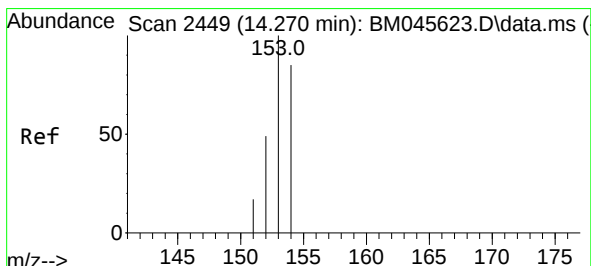
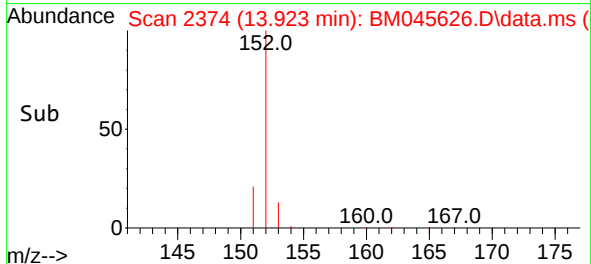
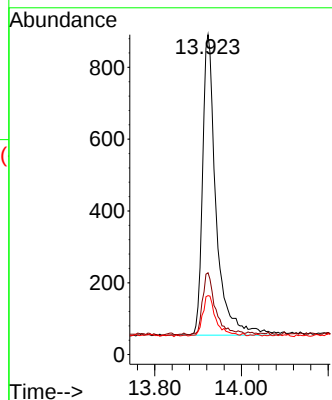
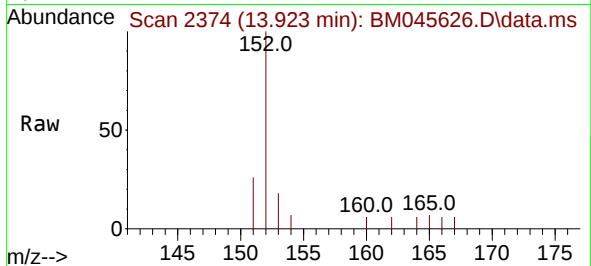




#10
Acenaphthylene
Concen: 0.284 ng/ul
RT: 13.923 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

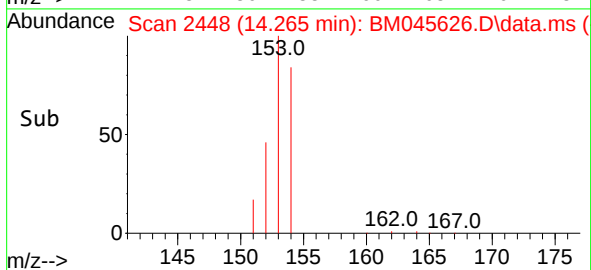
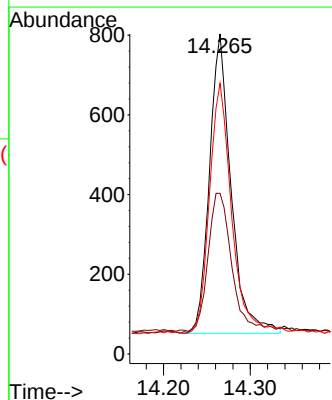
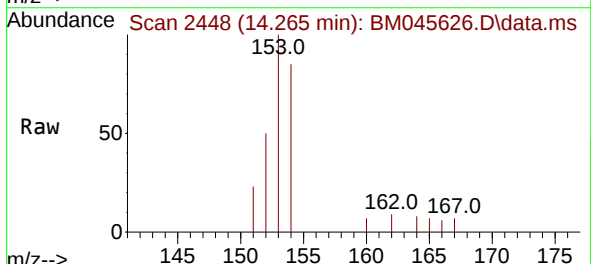
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

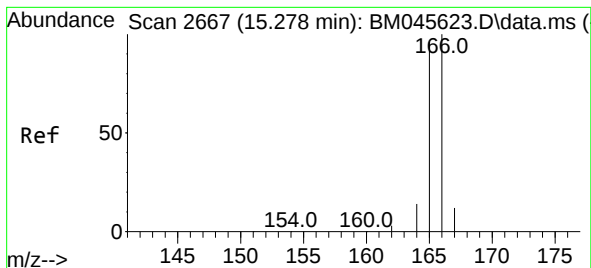
Tgt Ion:152 Resp: 1819
Ion Ratio Lower Upper
152 100
151 25.6 18.6 28.0
153 18.4 14.1 21.1



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:153 Resp: 1302
Ion Ratio Lower Upper
153 100
152 50.2 43.4 65.2
154 84.6 69.0 103.6





#12

Fluorene

Concen: 0.267 ng/ul

RT: 15.274 min Scan# 2

Delta R.T. -0.005 min

Lab File: BM045626.D

Acq: 29 Apr 2024 19:32

Instrument :

BNA_M

ClientSampleId :

C0AC7MS

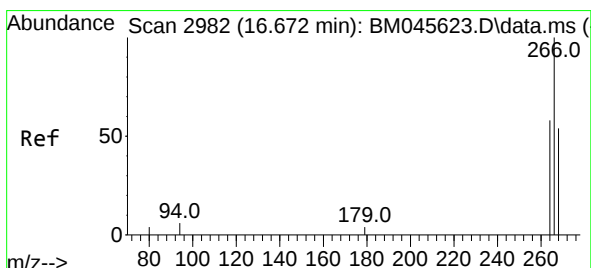
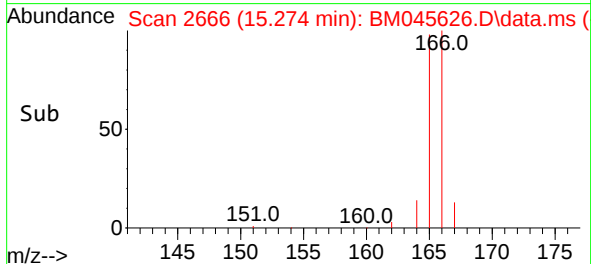
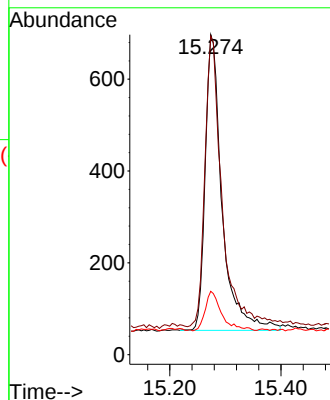
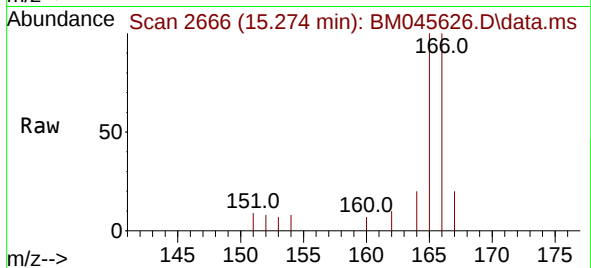
Tgt Ion:166 Resp: 1357

Ion Ratio Lower Upper

166 100

165 99.6 82.2 123.2

167 19.8 14.8 22.2



#14

Pentachlorophenol

Concen: 0.571 ng/ul

RT: 16.638 min Scan# 2974

Delta R.T. -0.034 min

Lab File: BM045626.D

Acq: 29 Apr 2024 19:32

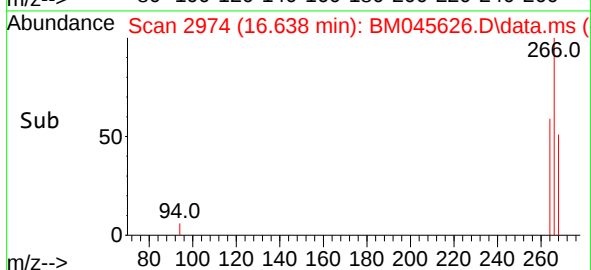
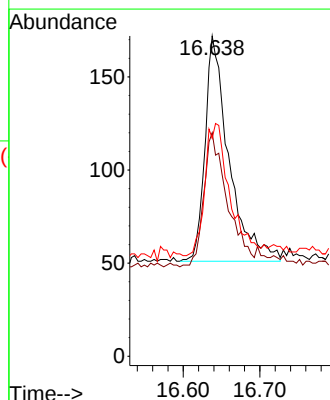
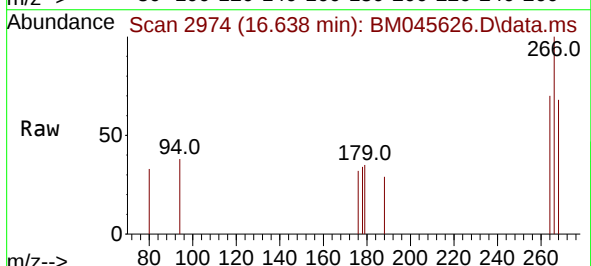
Tgt Ion:266 Resp: 262

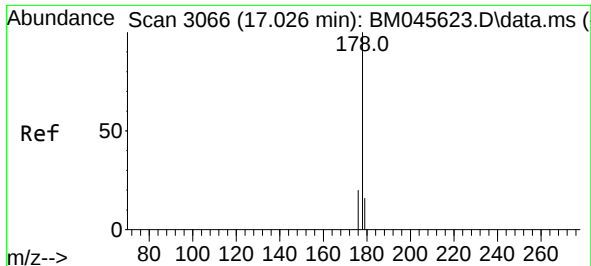
Ion Ratio Lower Upper

266 100

264 59.5 45.5 68.3

268 64.5 56.1 84.1

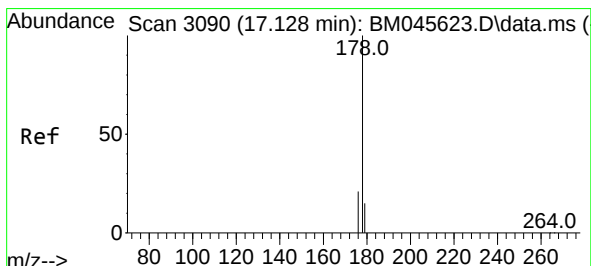
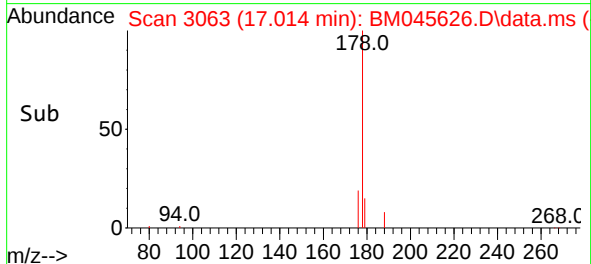
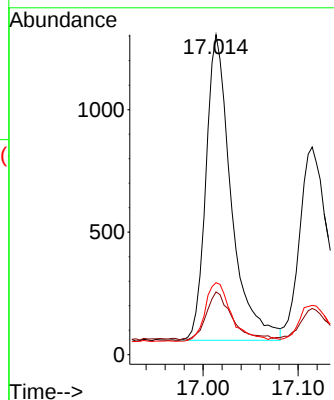
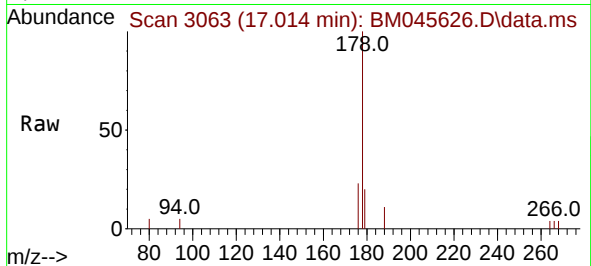




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.014 min Scan# 3063
Delta R.T. -0.013 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

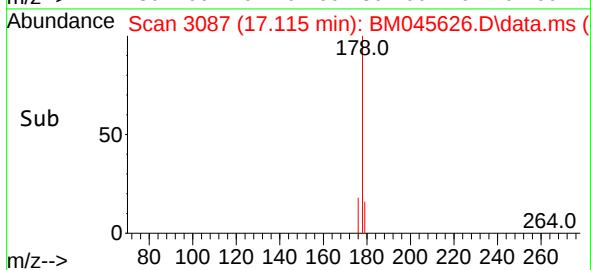
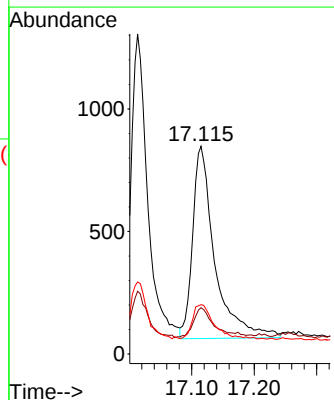
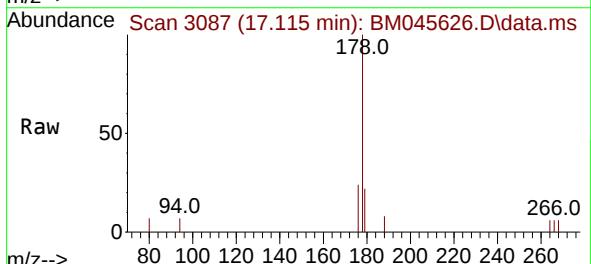
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

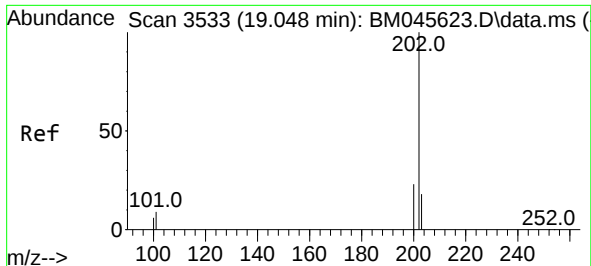
Tgt Ion:	178	Resp:	2305
Ion Ratio	Lower	Upper	
178	100		
179	19.6	15.4	23.2
176	22.5	19.0	28.4



#16
Anthracene
Concen: 0.309 ng/ul
RT: 17.115 min Scan# 3087
Delta R.T. -0.013 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:	178	Resp:	1935
Ion Ratio	Lower	Upper	
178	100		
179	22.3	17.8	26.6
176	23.7	18.7	28.1

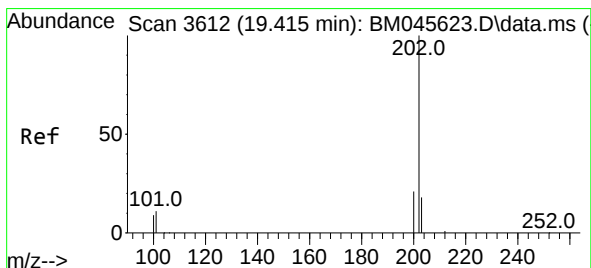
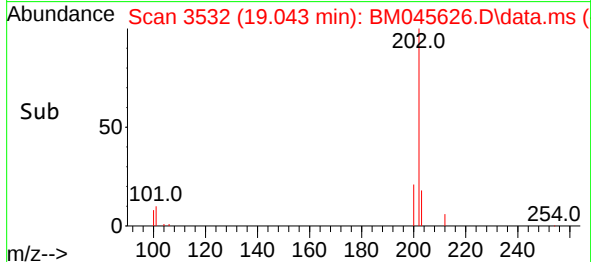
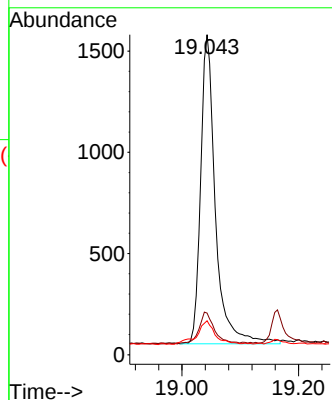
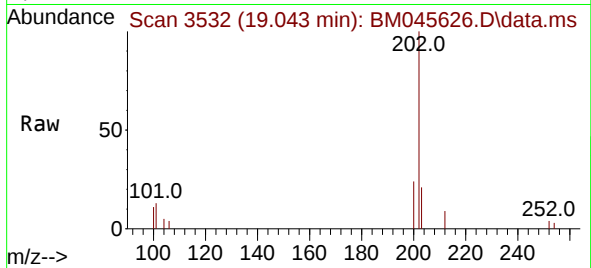




#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.043 min Scan# 3532
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

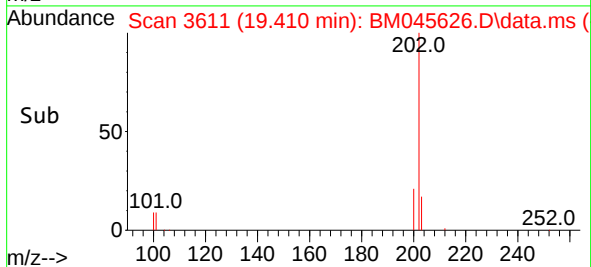
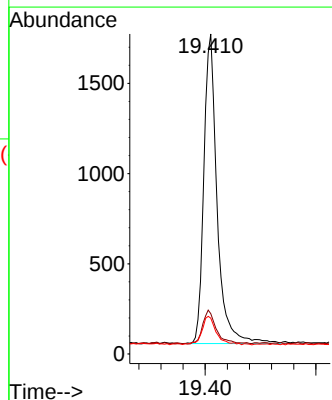
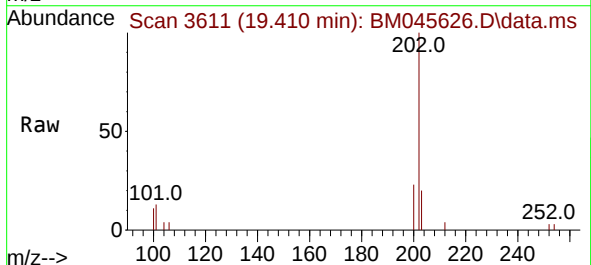
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

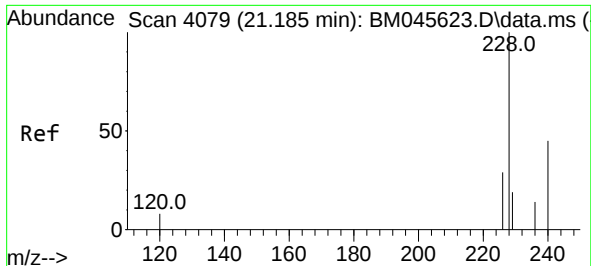
Tgt Ion:	202	Resp:	2698
Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.2	16.8
100	10.6	9.1	13.7



#20
Pyrene
Concen: 0.297 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:	202	Resp:	2865
Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.5	17.3
100	11.2	10.6	15.8

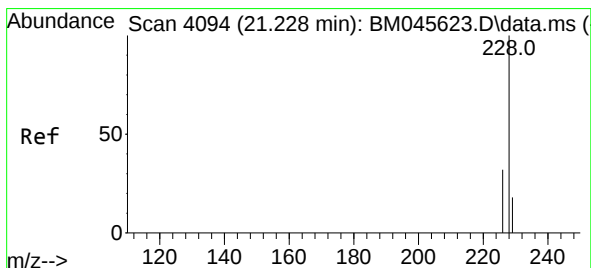
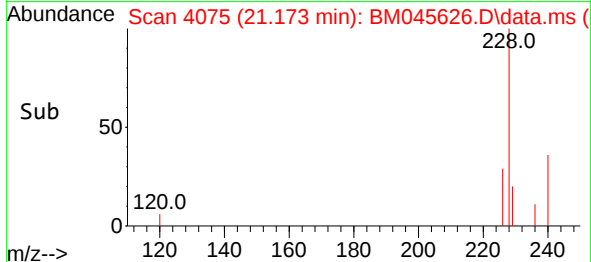
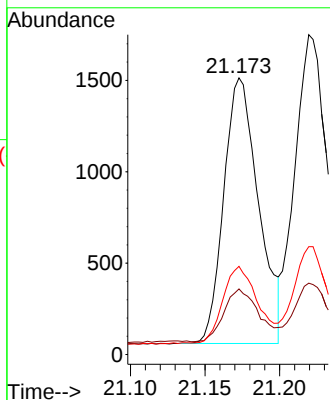
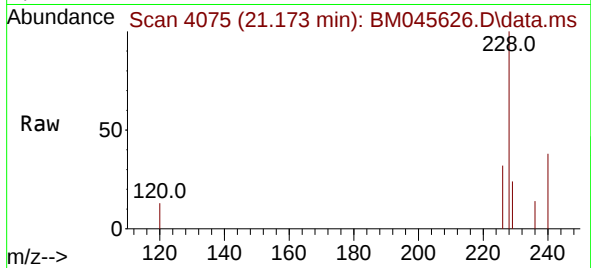




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.173 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

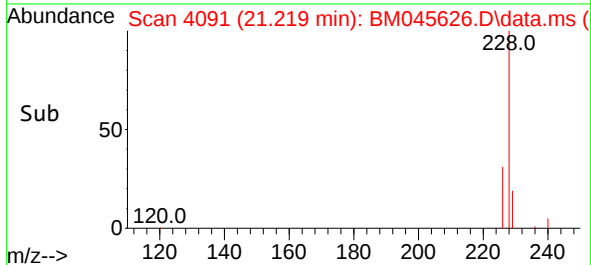
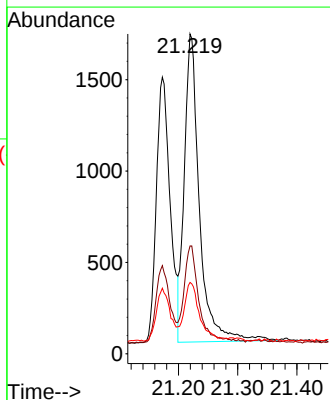
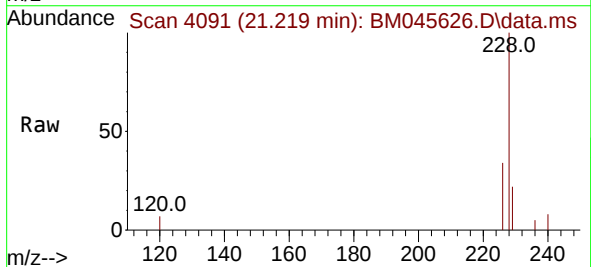
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

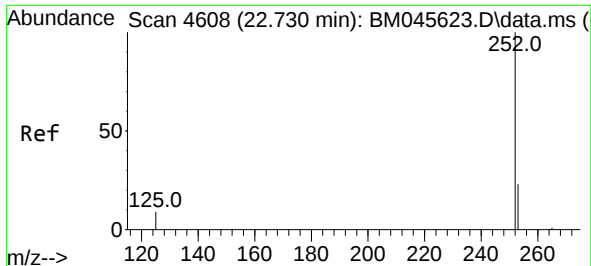
Tgt Ion:228 Resp: 2356
Ion Ratio Lower Upper
228 100
229 23.7 19.4 29.2
226 31.9 26.3 39.5



#22
Chrysene
Concen: 0.298 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:228 Resp: 2983
Ion Ratio Lower Upper
228 100
226 33.7 26.3 39.5
229 22.3 17.8 26.8

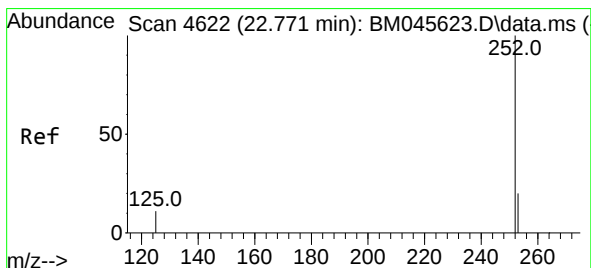
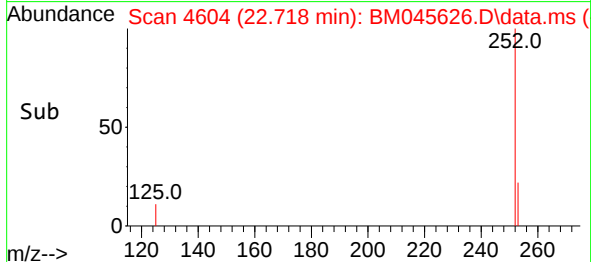
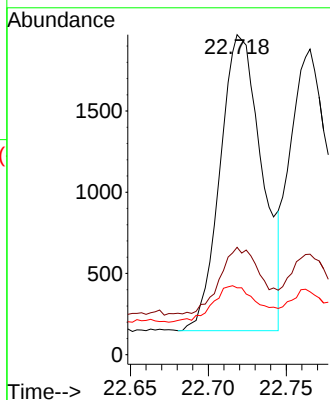
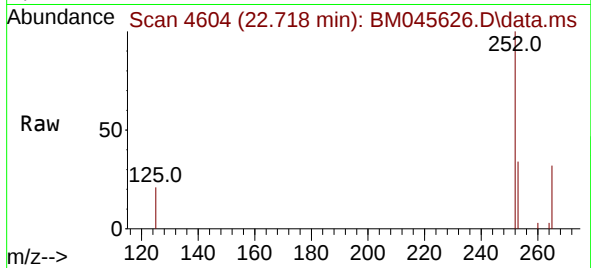




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

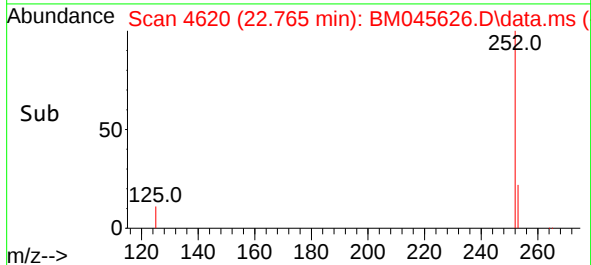
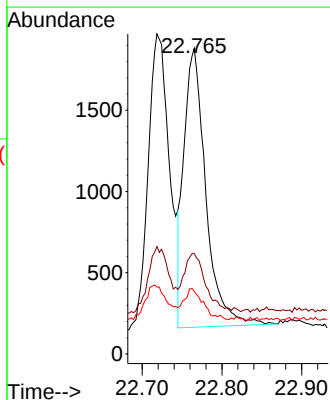
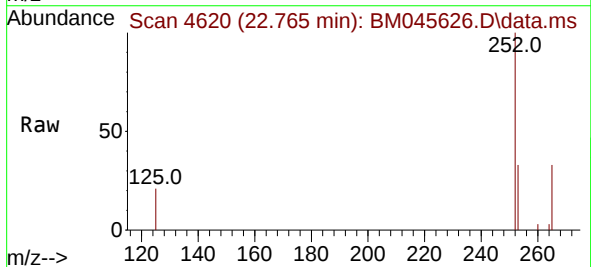
Instrument :
BNA_M
ClientSampleId :
C0AC7MS

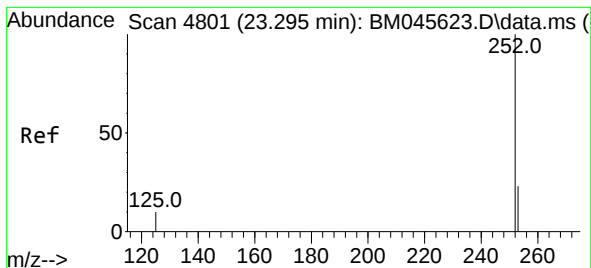
Tgt Ion:252 Resp: 3408
Ion Ratio Lower Upper
252 100
253 33.6 0.0 63.4
125 20.9 0.0 36.8



#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul
RT: 22.765 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:252 Resp: 3280
Ion Ratio Lower Upper
252 100
253 32.9 25.4 38.0
125 20.6 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 23.283 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM045626.D

Acq: 29 Apr 2024 19:32

Instrument :

BNA_M

ClientSampleId :

C0AC7MS

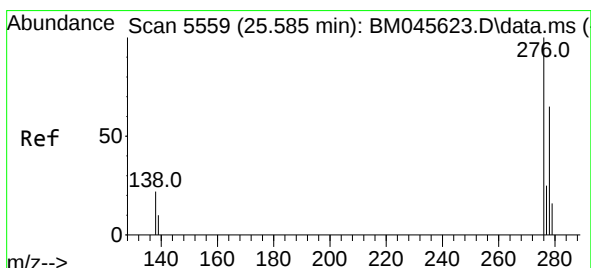
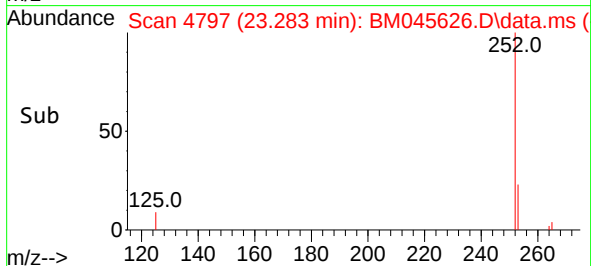
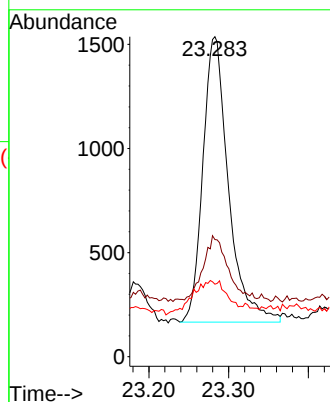
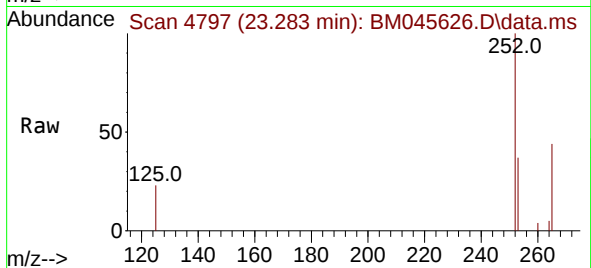
Tgt Ion:252 Resp: 3062

Ion Ratio Lower Upper

252 100

253 36.6 31.6 47.4

125 22.6 19.5 29.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.300 ng/ul

RT: 25.565 min Scan# 5553

Delta R.T. -0.020 min

Lab File: BM045626.D

Acq: 29 Apr 2024 19:32

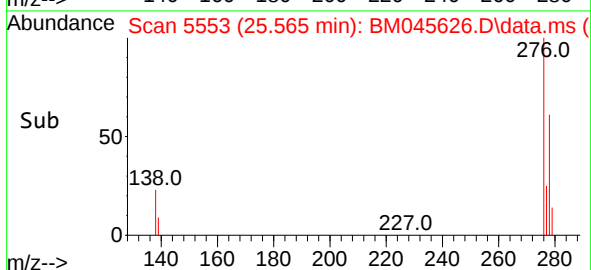
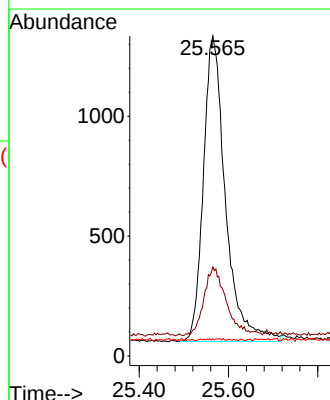
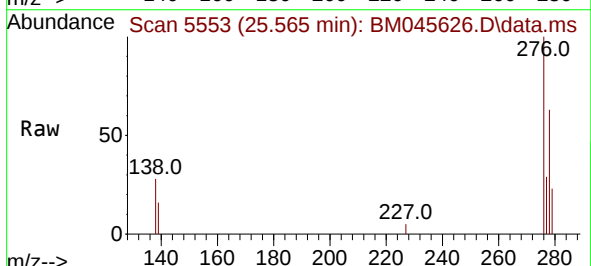
Tgt Ion:276 Resp: 4379

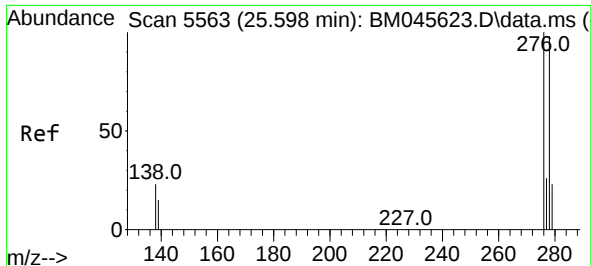
Ion Ratio Lower Upper

276 100

138 22.8 19.8 29.6

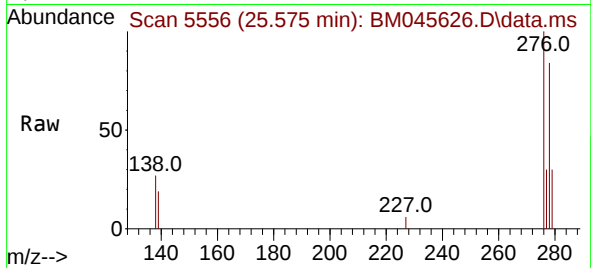
227 0.0 0.2 0.2#



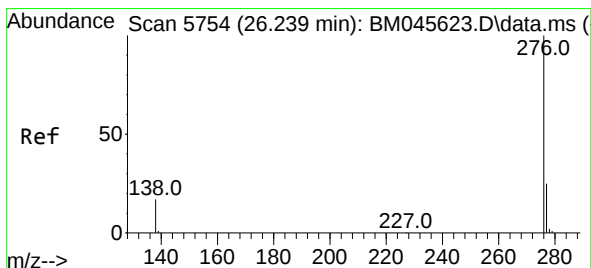
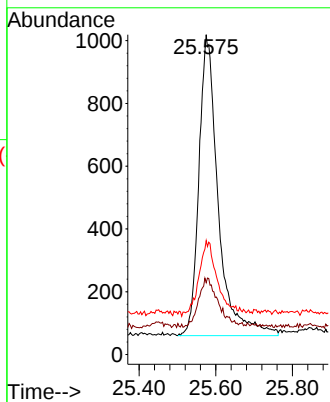
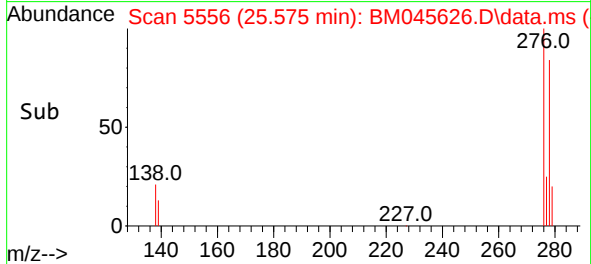


#28
Dibenzo(a,h)anthracene
Concen: 0.289 ng/ul
RT: 25.575 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Instrument :
BNA_M
ClientSampleId :
C0AC7MS



Tgt Ion:278 Resp: 3356
Ion Ratio Lower Upper
278 100
139 22.5 19.0 28.6
279 35.6 29.4 44.2



#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.014 min
Lab File: BM045626.D
Acq: 29 Apr 2024 19:32

Tgt Ion:276 Resp: 3830
Ion Ratio Lower Upper
276 100
138 24.2 20.8 31.2
277 28.1 21.8 32.8

