

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045919.D
 Acq On : 08 Jun 2024 16:52
 Operator : MA/JU
 Sample : M2640-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C25

Quant Time: Jun 10 01:29:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

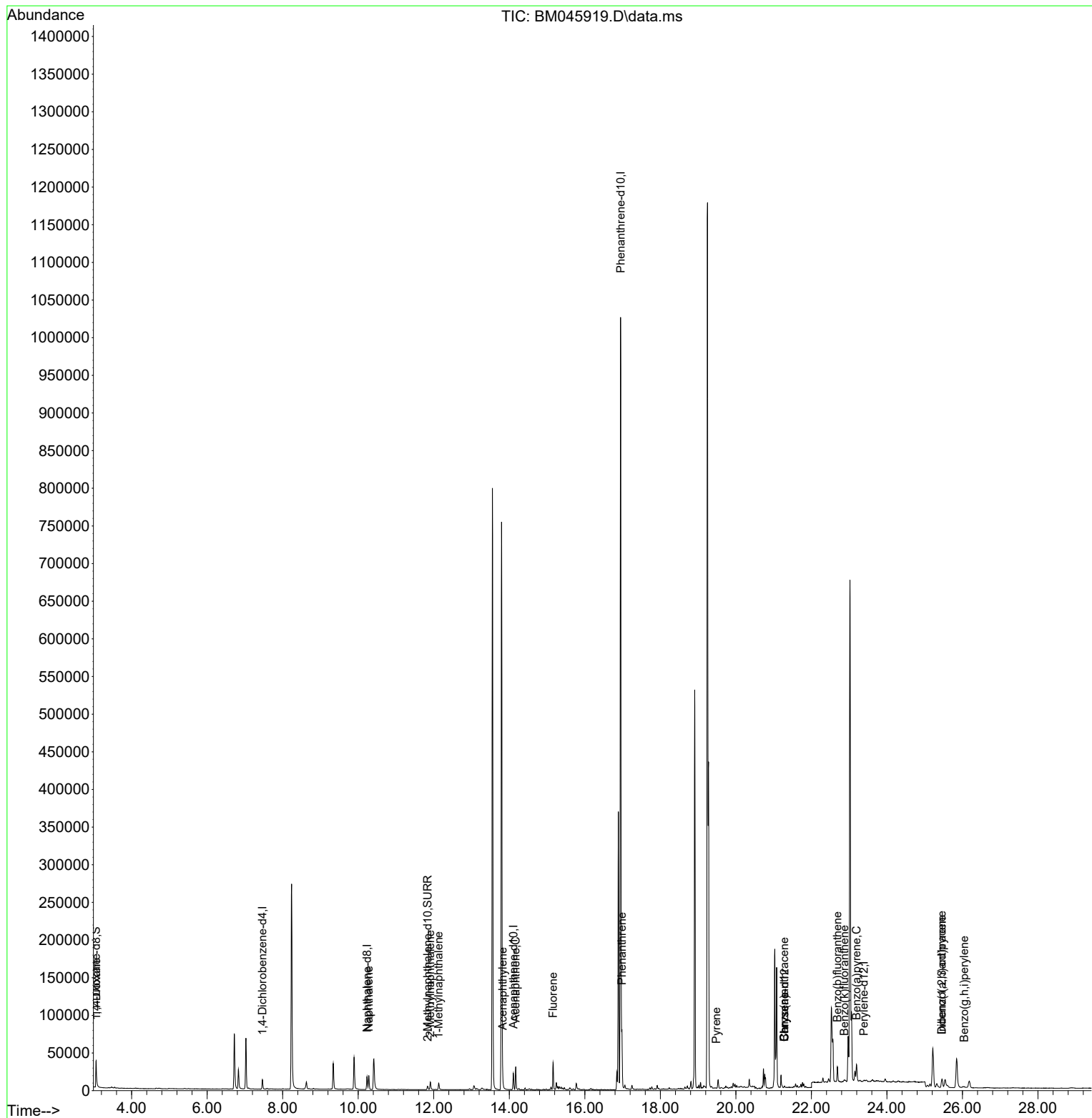
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6220	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	21697	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	11773	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.947	188	1146433	0.400	ng/ul	0.08
17) Chrysene-d12	21.289	240	278	0.400	ng/ul	# 0.24
23) Perylene-d12	23.390	264	1794	0.400	ng/ul	# 0.22
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	22535	3.181	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	7096	0.227	ng/ul	0.00
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.063	88	421	0.052	ng/ul#	9
5) Naphthalene	10.277	128	25074	0.442	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	7958	0.220	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	6563	0.167	ng/ul	100
10) Acenaphthylene	13.827	152	10458	0.195	ng/ul	99
11) Acenaphthene	14.169	153	17451	0.444	ng/ul	99
12) Fluorene	15.159	166	21981	0.500	ng/ul	100
15) Phenanthrene	16.981	178	71429	0.022	ng/ul	98
20) Pyrene	19.481	202	167	0.144	ng/ul#	25
21) Benzo(a)anthracene	21.283	228	705	0.691	ng/ul#	1
22) Chrysene	21.283	228	873	0.786	ng/ul#	1
24) Benzo(b)fluoranthene	22.689	252	24144	4.058	ng/ul	88
25) Benzo(k)fluoranthene	22.873	252	2534	0.388	ng/ul#	1
26) Benzo(a)pyrene	23.194	252	26720	4.515	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.453	276	3984	0.521	ng/ul#	47
28) Dibenzo(a,h)anthracene	25.457	278	15388	2.516	ng/ul#	89
29) Benzo(g,h,i)perylene	26.047	276	1558	0.236	ng/ul#	1

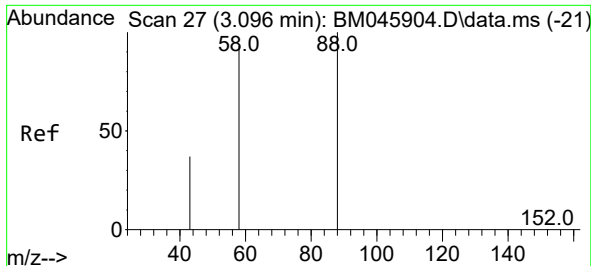
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
Operator : MA/JU
Sample : M2640-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25

Quant Time: Jun 10 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

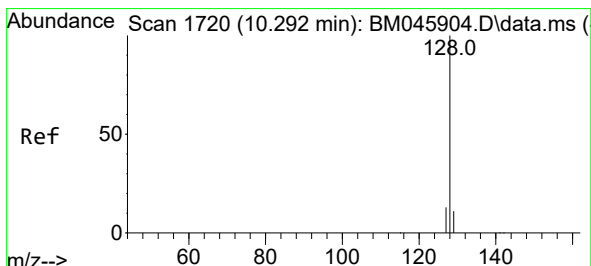
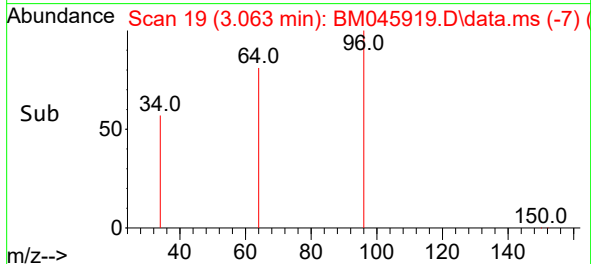
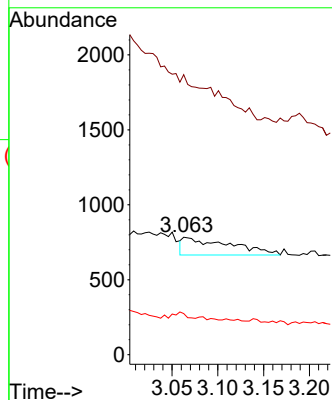
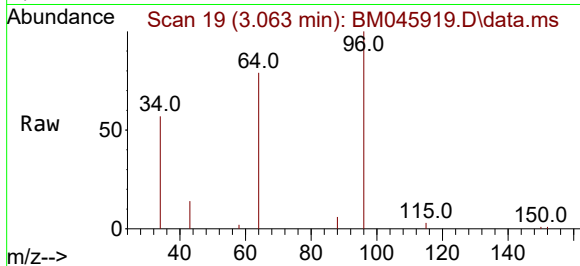




#2
1,4-Dioxane
Concen: 0.052 ng/ul
RT: 3.063 min Scan# 19
Delta R.T. -0.051 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

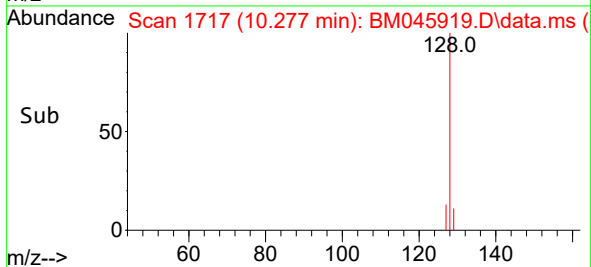
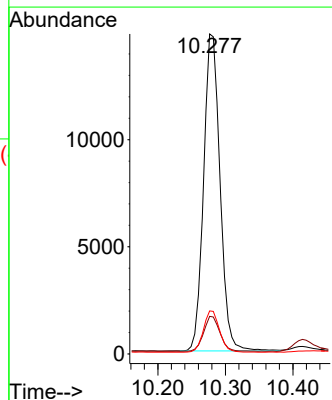
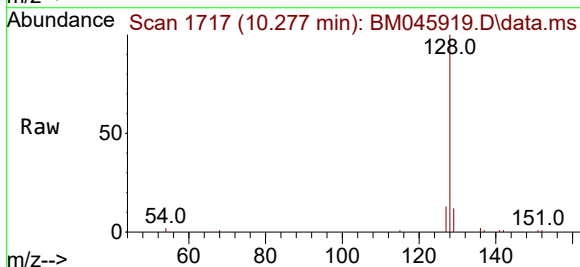
Instrument :
BNA_M
ClientSampleId :
A4C25

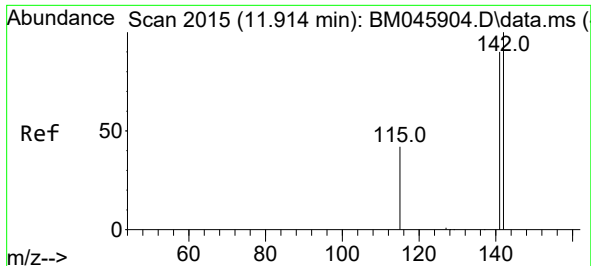
Tgt Ion: 88 Resp: 421
Ion Ratio Lower Upper
88 100
43 238.3 87.4 131.2#
58 34.9 51.1 76.7#



#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Tgt Ion: 128 Resp: 25074
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 10.6 15.8

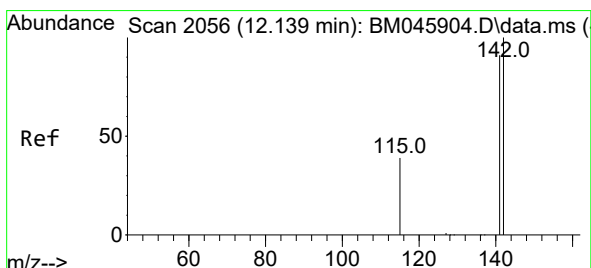
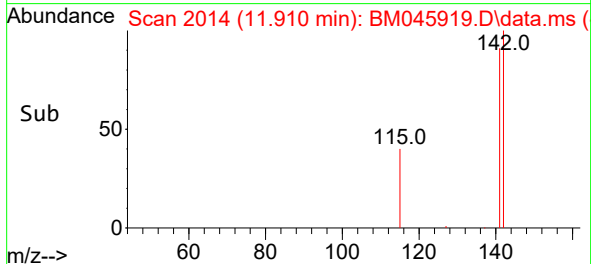
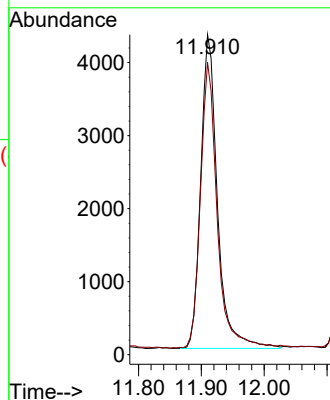
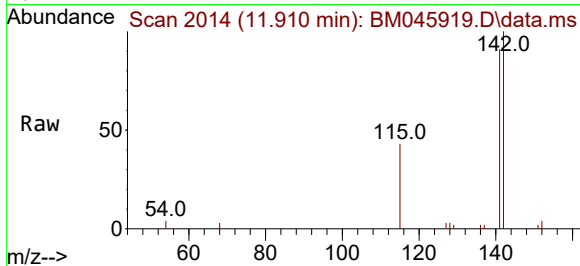




#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

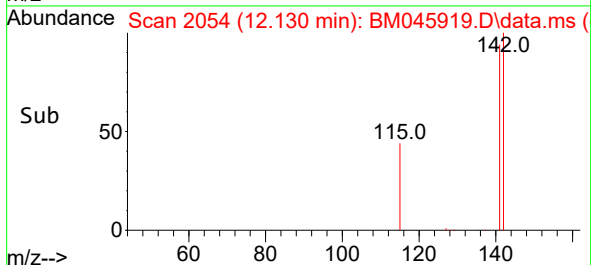
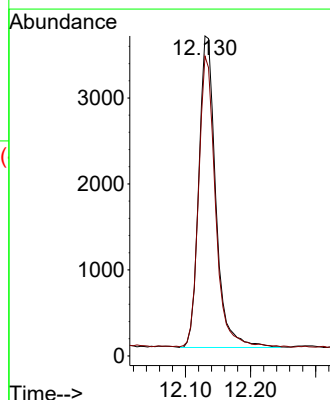
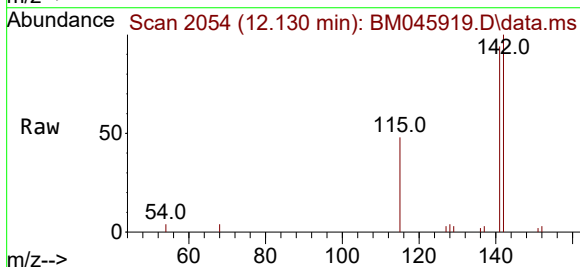
Instrument :
BNA_M
ClientSampleId :
A4C25

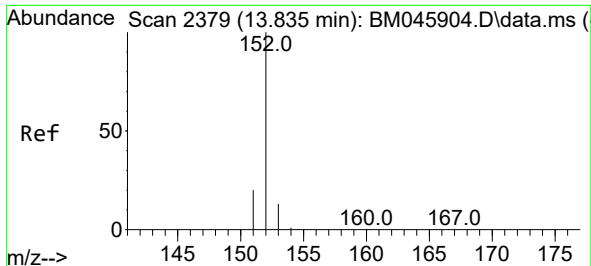
Tgt Ion:142 Resp: 7958
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.4



#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Tgt Ion:142 Resp: 6563
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3

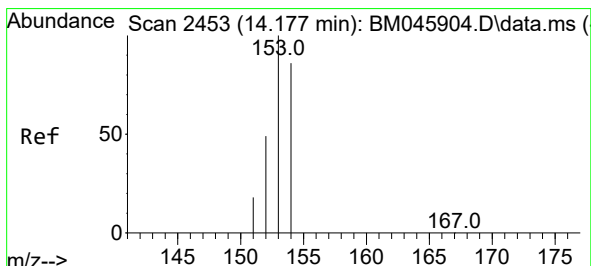
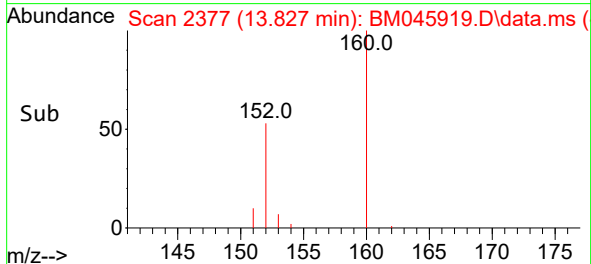
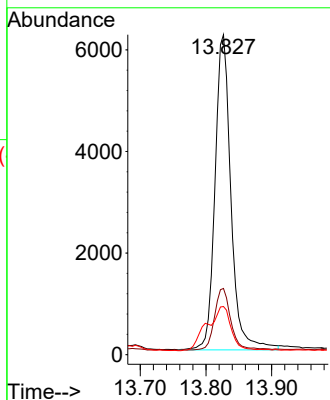
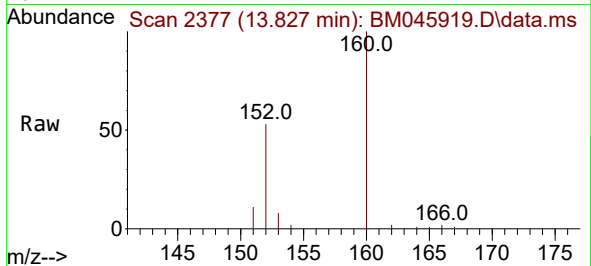




#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 13.827 min Scan# 21
Delta R.T. -0.013 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

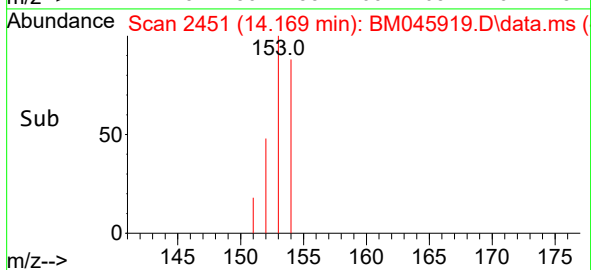
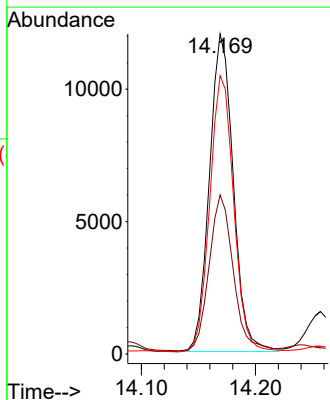
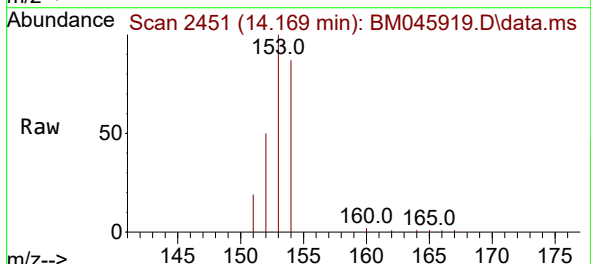
Instrument :
BNA_M
ClientSampleId :
A4C25

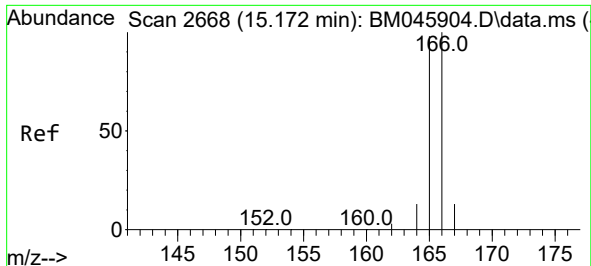
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	15.0	11.1	16.7



#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.0	58.4
154	87.0	69.4	104.2

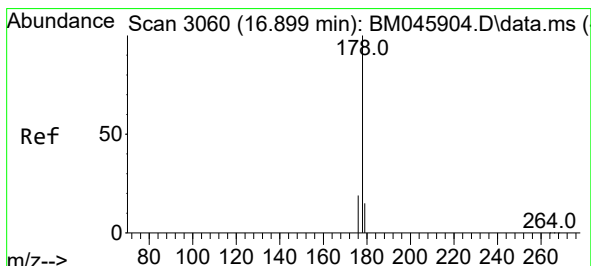
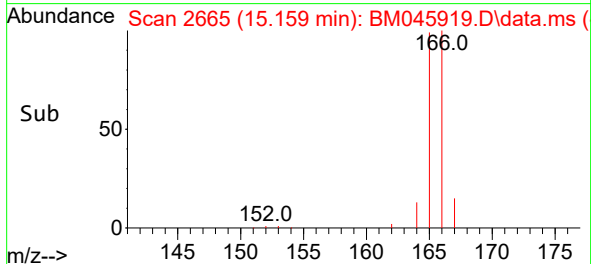
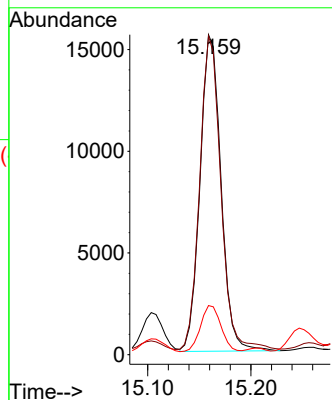
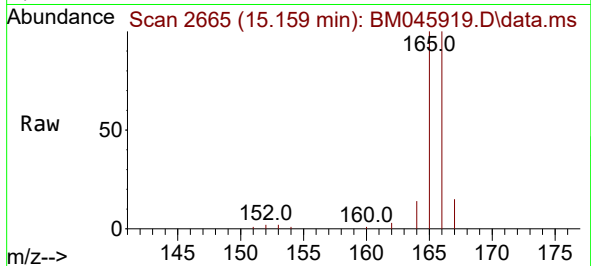




#12
Fluorene
Concen: 0.500 ng/ul
RT: 15.159 min Scan# 21981
Delta R.T. -0.017 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

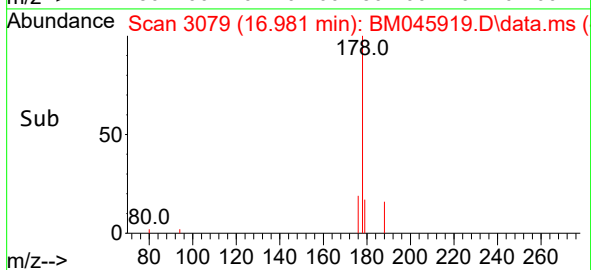
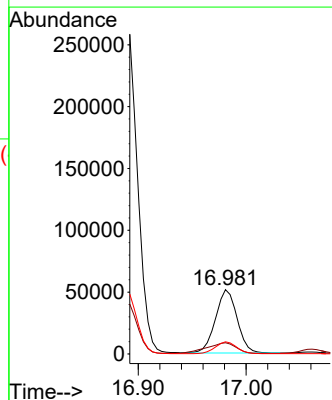
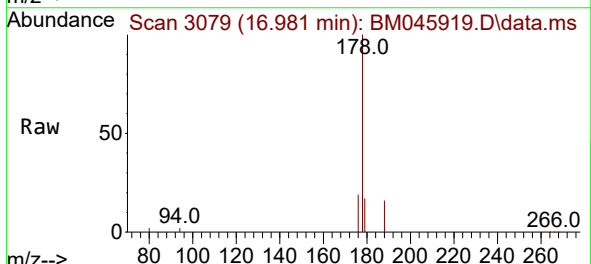
Instrument :
BNA_M
ClientSampleId :
A4C25

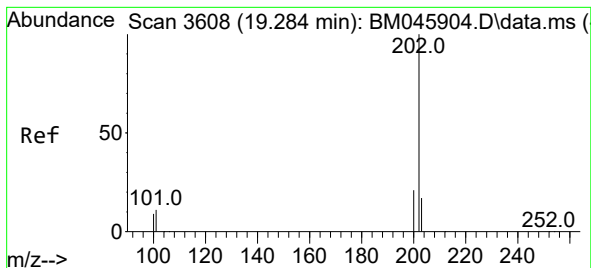
Tgt Ion:166	Resp:	21981
Ion Ratio	Lower	Upper
166	100	
165	99.6	79.7 119.5
167	15.3	11.3 16.9



#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. 0.077 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Tgt Ion:178	Resp:	71429
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.7 19.1
176	18.9	15.6 23.4





#20

Pyrene

Concen: 0.144 ng/ul

RT: 19.481 min Scan# 3

Delta R.T. 0.196 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

Instrument :

BNA_M

ClientSampleId :

A4C25

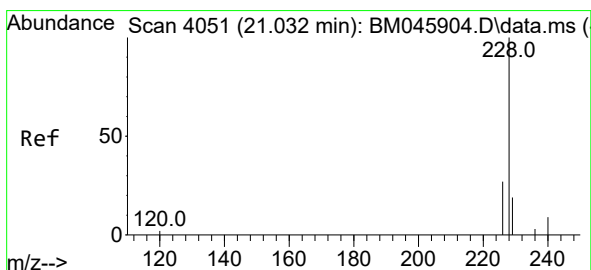
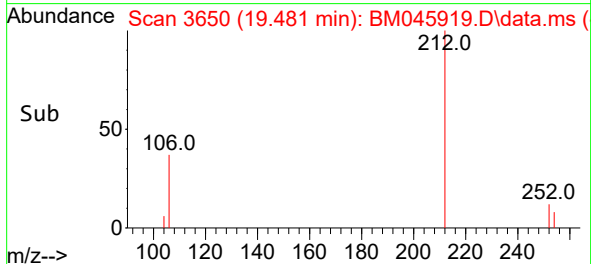
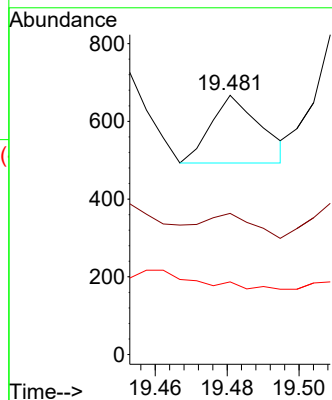
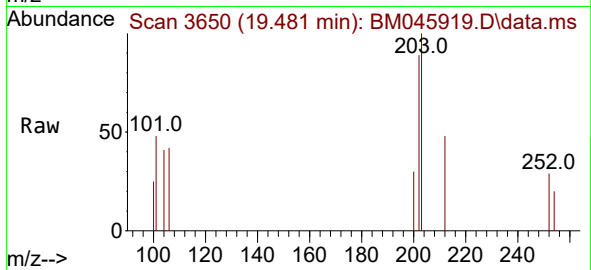
Tgt Ion:202 Resp: 167

Ion Ratio Lower Upper

202 100

101 54.4 10.6 16.0#

100 28.0 9.1 13.7#



#21

Benzo(a)anthracene

Concen: 0.691 ng/ul

RT: 21.283 min Scan# 4137

Delta R.T. 0.248 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

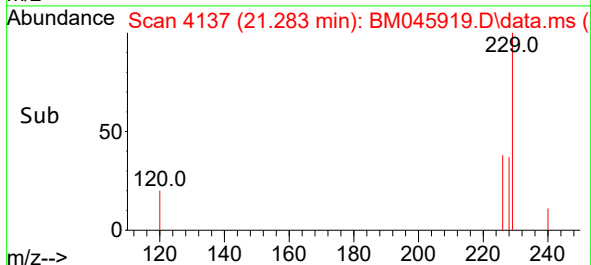
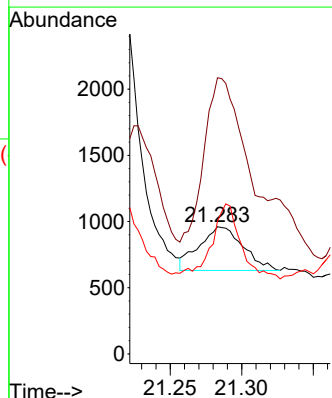
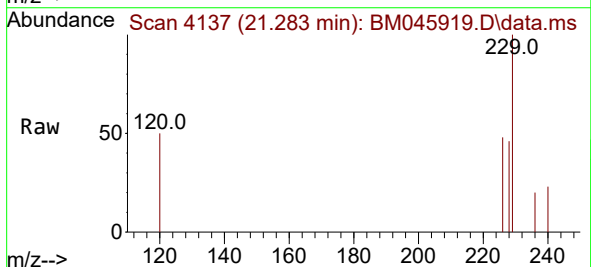
Tgt Ion:228 Resp: 705

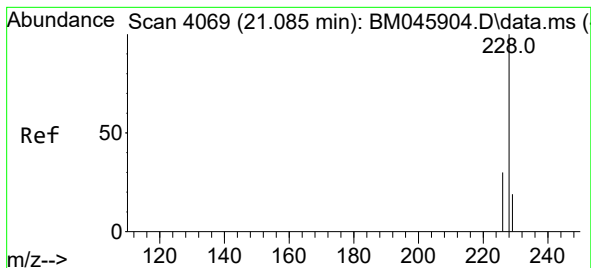
Ion Ratio Lower Upper

228 100

229 217.3 15.7 23.5#

226 104.5 22.0 33.0#





#22

Chrysene

Concen: 0.786 ng/ul

RT: 21.283 min Scan# 4137

Delta R.T. 0.195 min

Lab File: BM045919.D

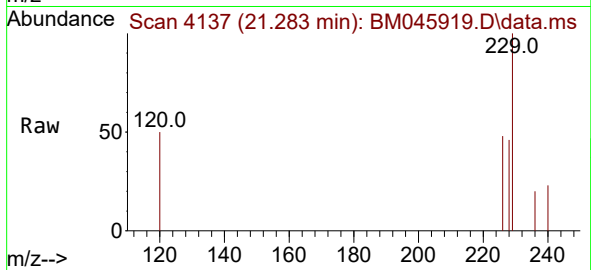
Acq: 08 Jun 2024 16:52

Instrument :

BNA_M

ClientSampleId :

A4C25



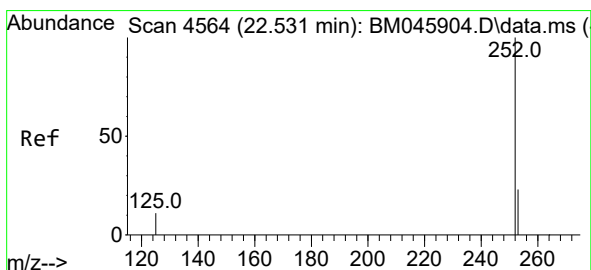
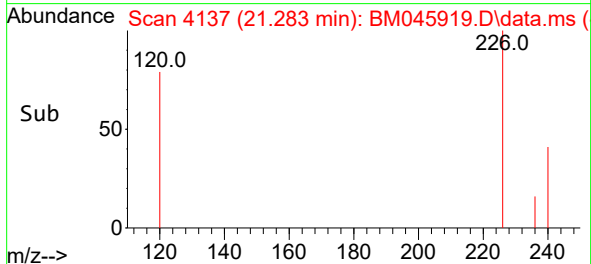
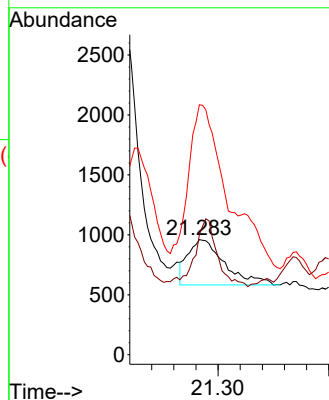
Tgt Ion:228 Resp: 873

Ion Ratio Lower Upper

228 100

226 104.5 24.5 36.7#

229 217.3 16.2 24.2#



#24

Benzo(b)fluoranthene

Concen: 4.058 ng/ul

RT: 22.689 min Scan# 4618

Delta R.T. 0.152 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

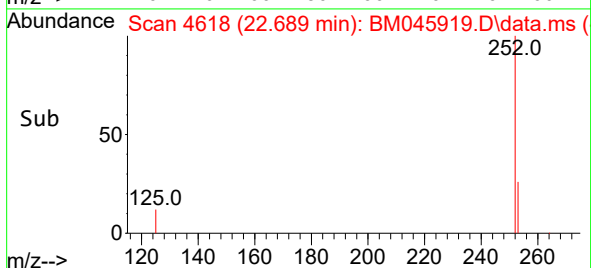
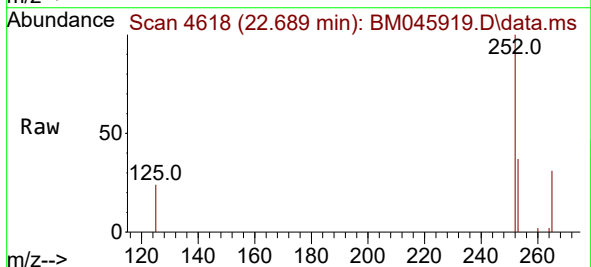
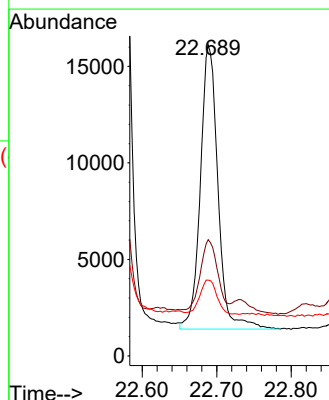
Tgt Ion:252 Resp: 24144

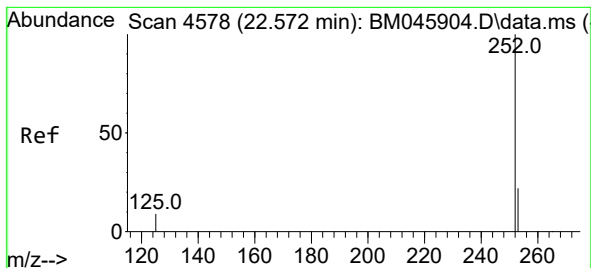
Ion Ratio Lower Upper

252 100

253 37.4 0.0 63.6

125 24.4 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.388 ng/ul

RT: 22.873 min Scan# 4

Delta R.T. 0.292 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

Instrument :

BNA_M

ClientSampleId :

A4C25

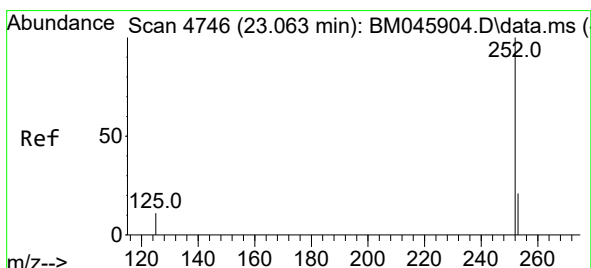
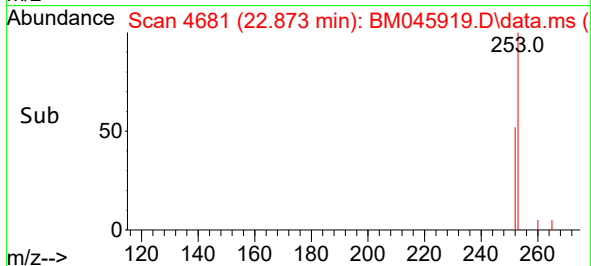
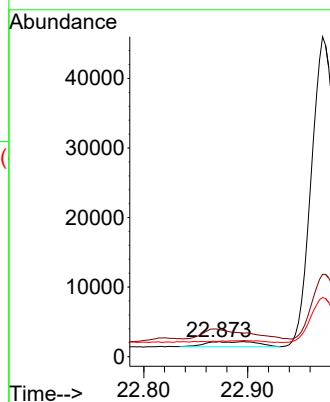
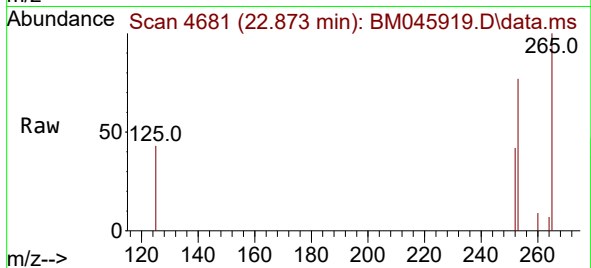
Tgt Ion:252 Resp: 2534

Ion Ratio Lower Upper

252 100

253 180.1 25.0 37.6#

125 102.0 14.2 21.2#



#26

Benzo(a)pyrene

Concen: 4.515 ng/ul

RT: 23.194 min Scan# 4791

Delta R.T. 0.122 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

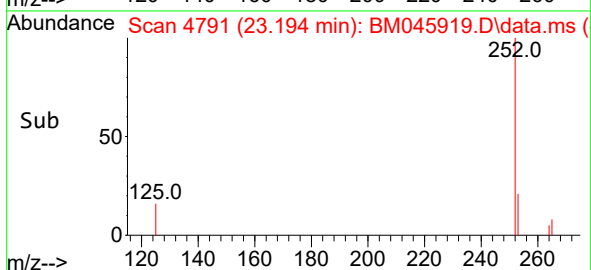
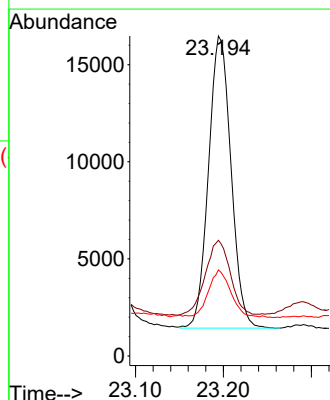
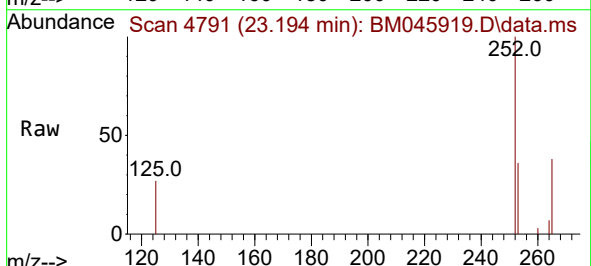
Tgt Ion:252 Resp: 26720

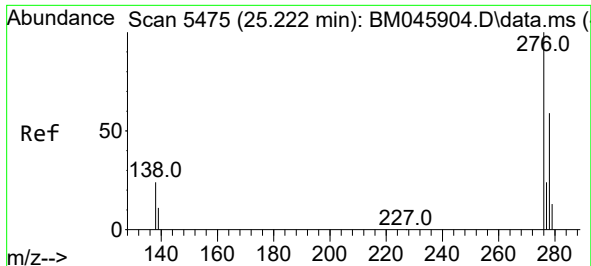
Ion Ratio Lower Upper

252 100

253 36.2 28.8 43.2

125 26.9 17.3 25.9#

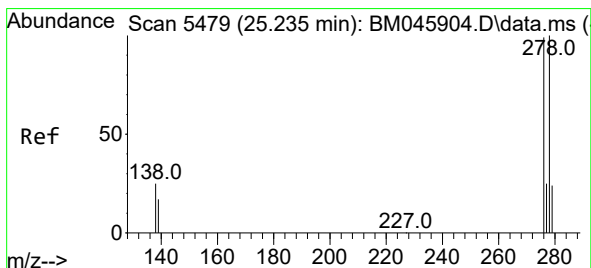
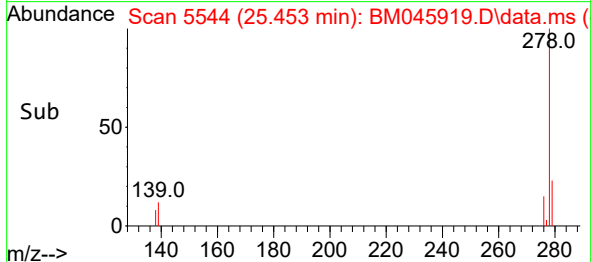
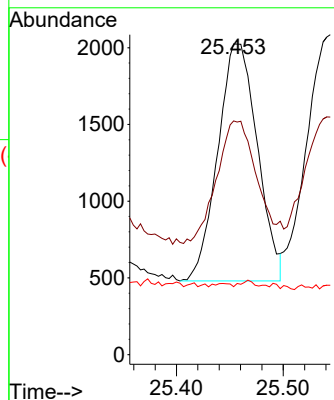
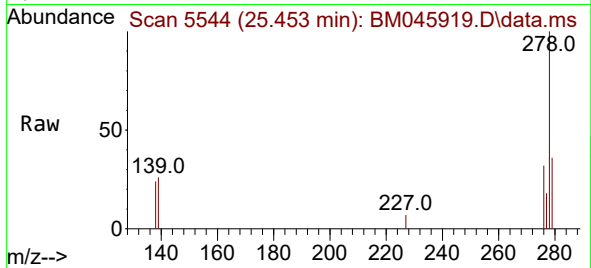




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.521 ng/ul
 RT: 25.453 min Scan# 51
 Delta R.T. 0.221 min
 Lab File: BM045919.D
 Acq: 08 Jun 2024 16:52

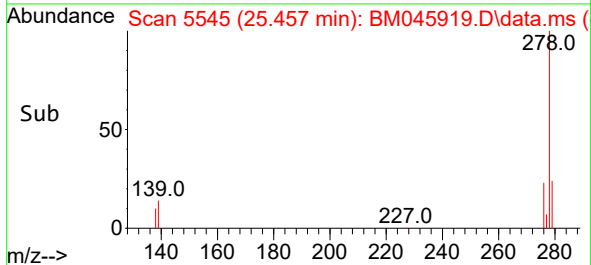
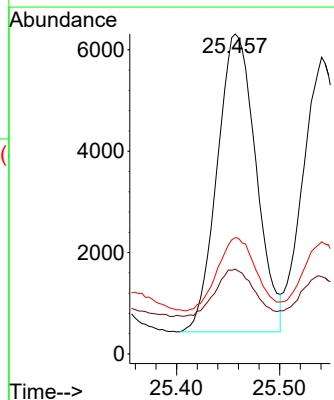
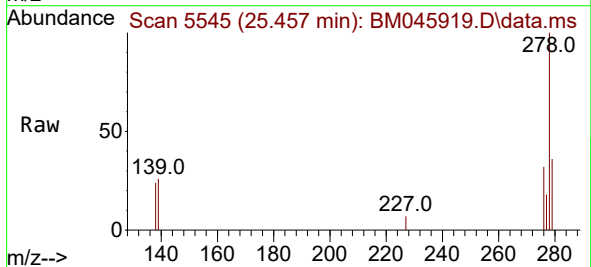
Instrument :
 BNA_M
 ClientSampleId :
 A4C25

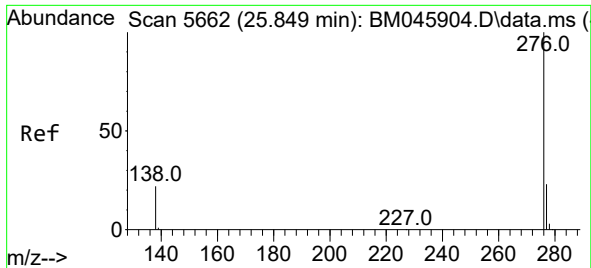
Tgt Ion:276 Resp: 3984
 Ion Ratio Lower Upper
 276 100
 138 52.9 20.7 31.1#
 227 0.6 0.2 0.2#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.516 ng/ul
 RT: 25.457 min Scan# 5545
 Delta R.T. 0.208 min
 Lab File: BM045919.D
 Acq: 08 Jun 2024 16:52

Tgt Ion:278 Resp: 15388
 Ion Ratio Lower Upper
 278 100
 139 26.5 16.6 25.0#
 279 36.4 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 26.047 min Scan# 51
Delta R.T. 0.184 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Instrument :
BNA_M
ClientSampleId :
A4C25

Tgt Ion:276 Resp: 1558
Ion Ratio Lower Upper
276 100
138 89.5 21.0 31.4#
277 76.9 20.5 30.7#

