

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040434.D
 Acq On : 29 Jun 2023 12:57
 Operator : MA/JU
 Sample : 03143-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU8

Quant Time: Jun 30 03:05:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

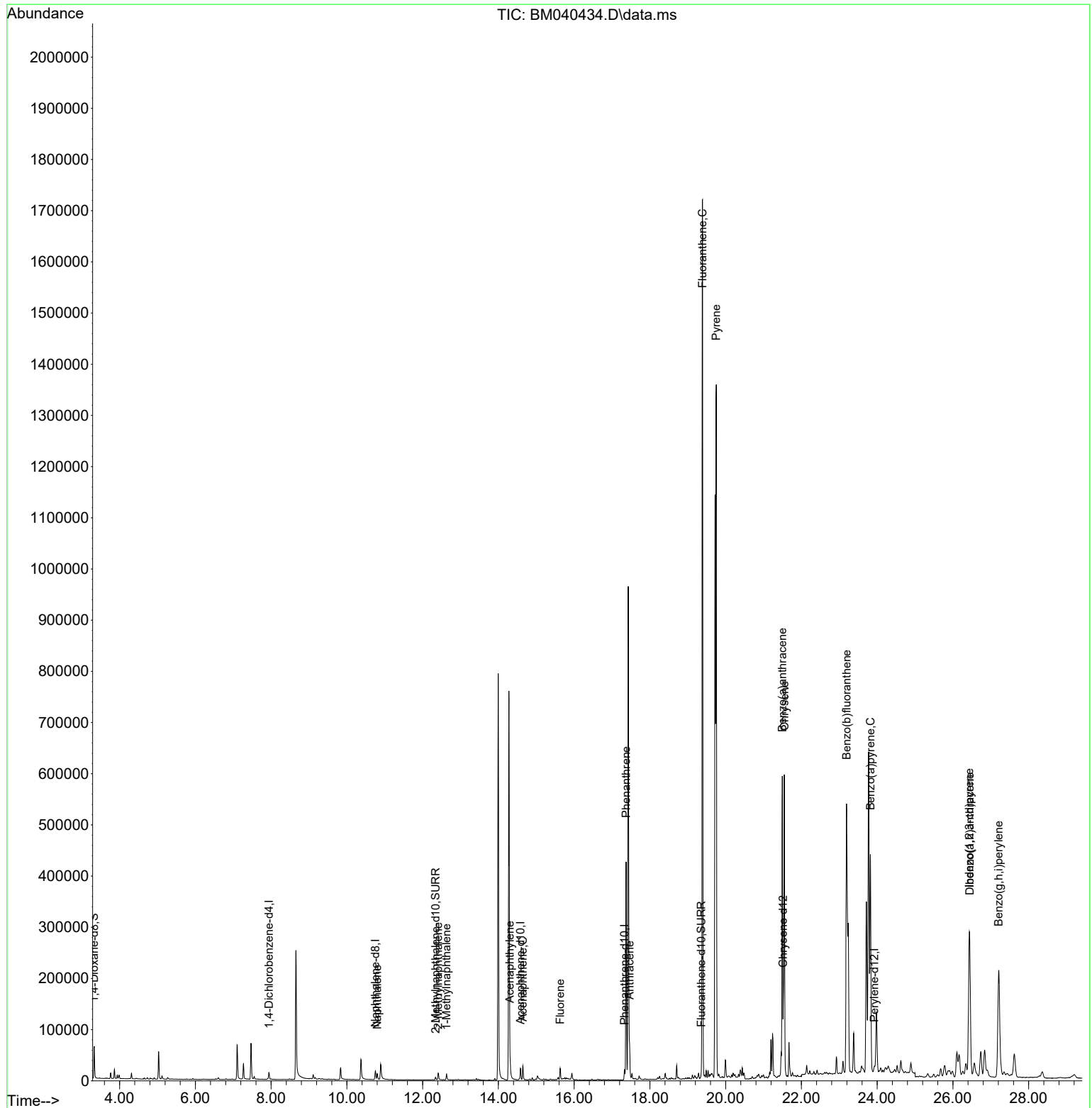
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7158	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	25580	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	12777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	24588	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12614	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	17006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	36515	3.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	7883	0.220	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	11945	0.295	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.800	128	17586	0.249	ng/ul#	96
7) 2-Methylnaphthalene	12.411	142	11213	0.271	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	8069	0.195	ng/ul	100
10) Acenaphthylene	14.304	152	23712	0.415	ng/ul	98
11) Acenaphthene	14.647	153	16120	0.334	ng/ul	99
12) Fluorene	15.632	166	14546	0.283	ng/ul#	99
15) Phenanthrene	17.370	178	457543	5.991	ng/ul	99
16) Anthracene	17.463	178	58757	0.915	ng/ul	100
19) Fluoranthene	19.389	202	1462712	27.299	ng/ul#	93
20) Pyrene	19.751	202	1130225	19.675	ng/ul	96
21) Benzo(a)anthracene	21.494	228	488121	11.440	ng/ul	99
22) Chrysene	21.550	228	590262	12.128	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	952845	14.478	ng/ul	88
26) Benzo(a)pyrene	23.821	252	611768	10.319	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.434	276	515627	6.245	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.444	278	123722	1.914	ng/ul	96
29) Benzo(g,h,i)perylene	27.209	276	497000	6.868	ng/ul	94

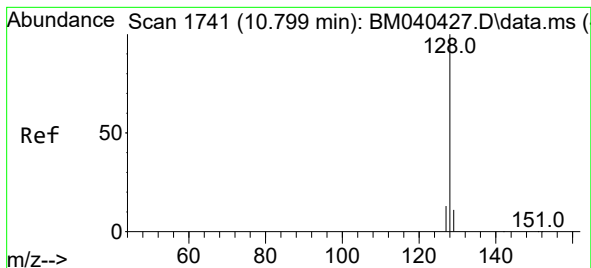
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.249 ng/ul

RT: 10.800 min Scan# 1741

Delta R.T. -0.011 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_M

ClientSampleId :

DCFU8

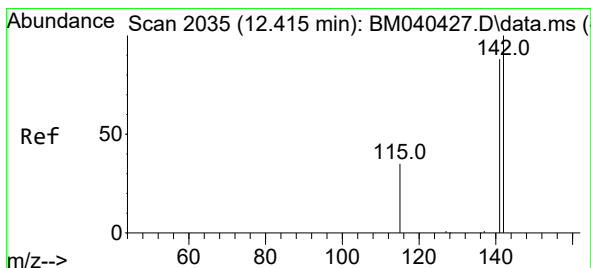
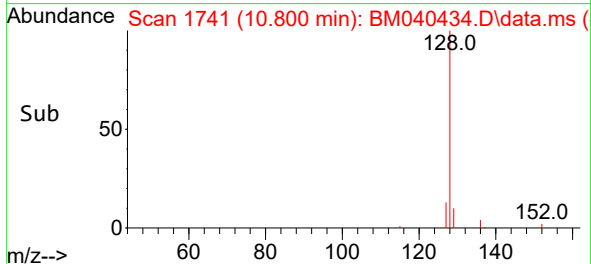
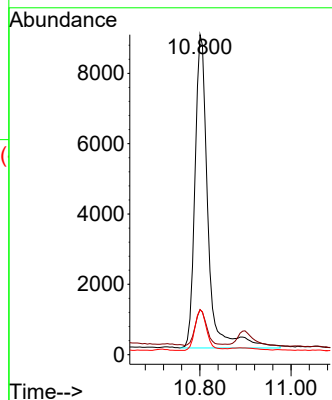
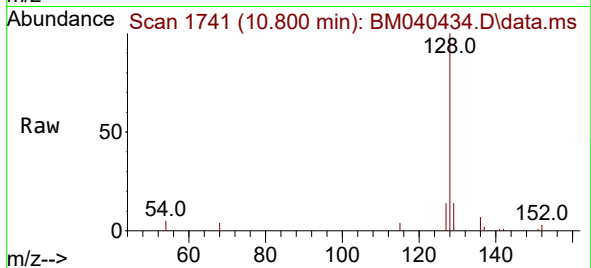
Tgt Ion:128 Resp: 17586

Ion Ratio Lower Upper

128 100

129 14.1 9.2 13.8#

127 14.1 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.271 ng/ul

RT: 12.411 min Scan# 2034

Delta R.T. -0.011 min

Lab File: BM040434.D

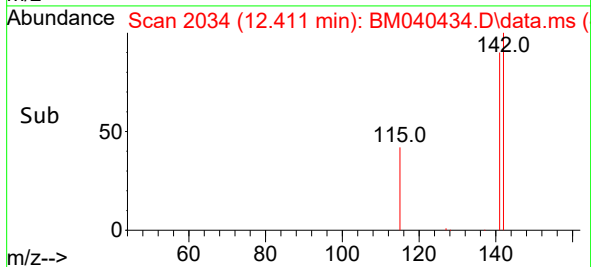
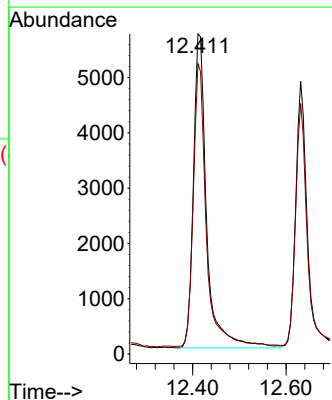
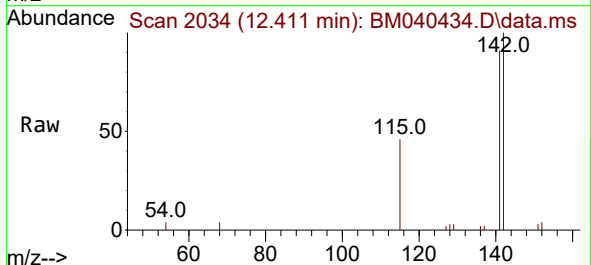
Acq: 29 Jun 2023 12:57

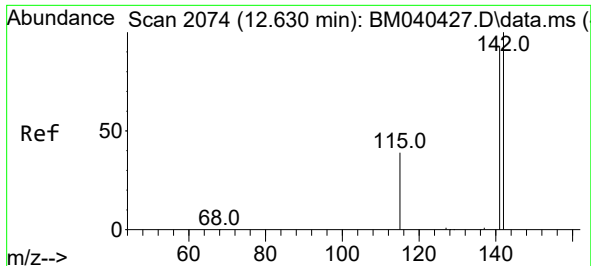
Tgt Ion:142 Resp: 11213

Ion Ratio Lower Upper

142 100

141 88.2 71.9 107.9

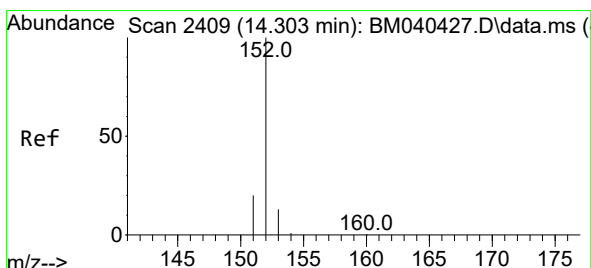
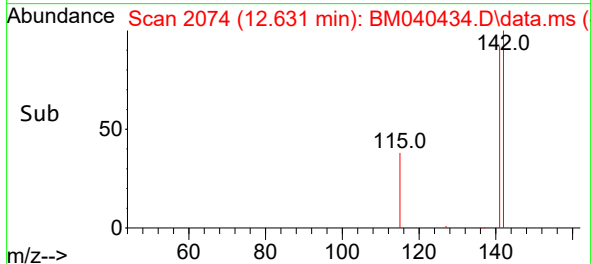
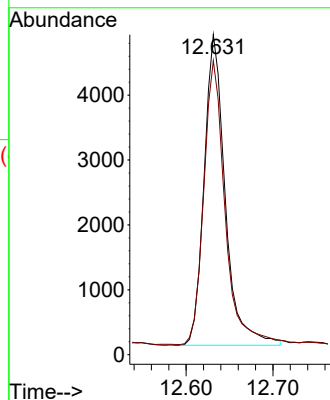
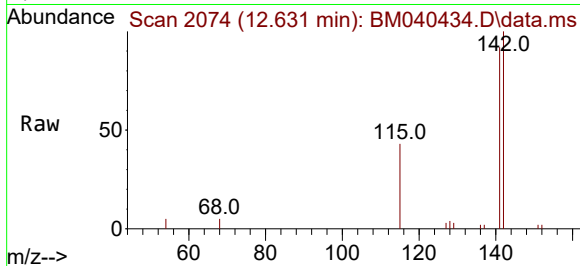




#8
1-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

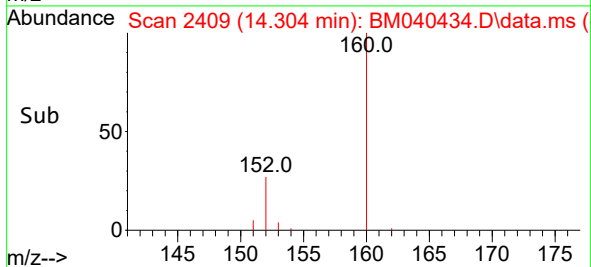
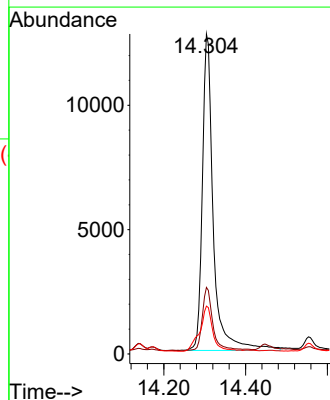
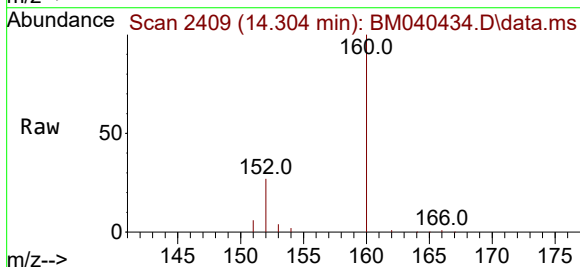
Instrument :
BNA_M
ClientSampleId :
DCFU8

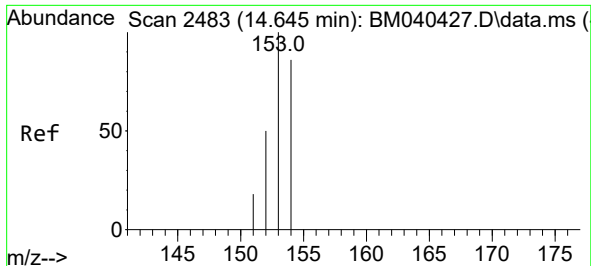
Tgt Ion:142 Resp: 8069
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5



#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

Tgt Ion:152 Resp: 23712
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 14.9 10.9 16.3

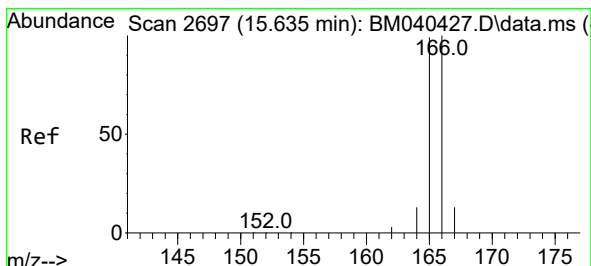
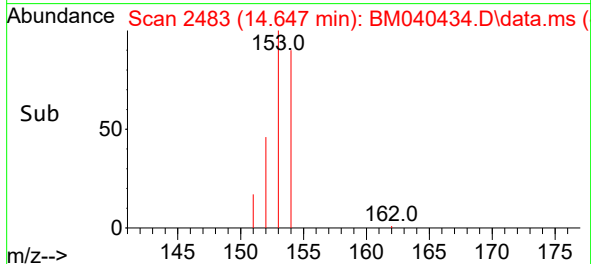
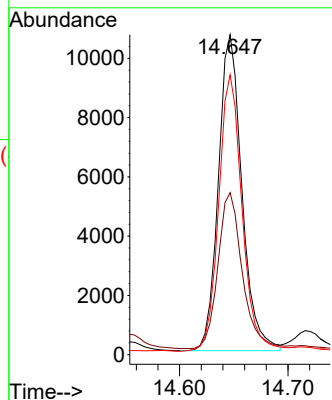
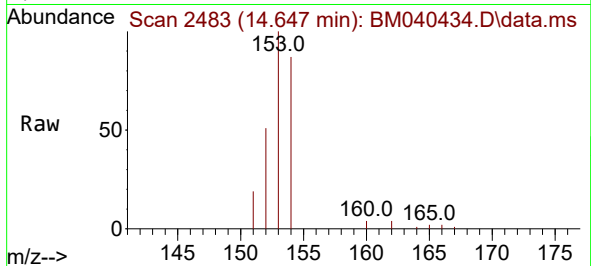




#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

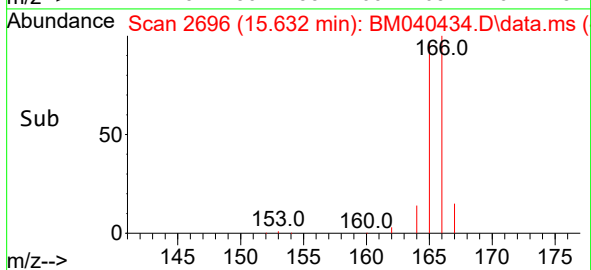
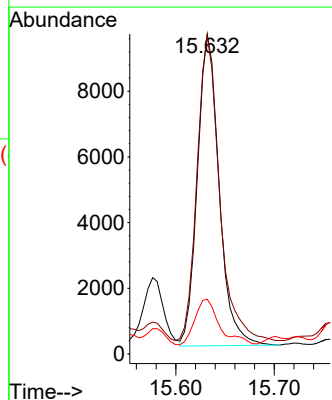
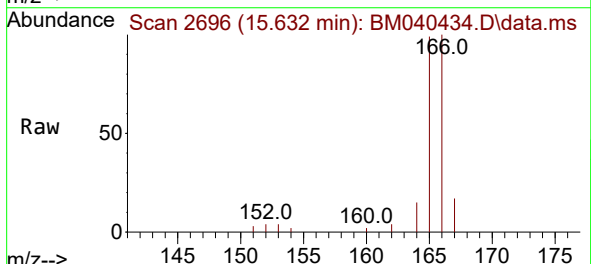
Instrument :
BNA_M
ClientSampleId :
DCFU8

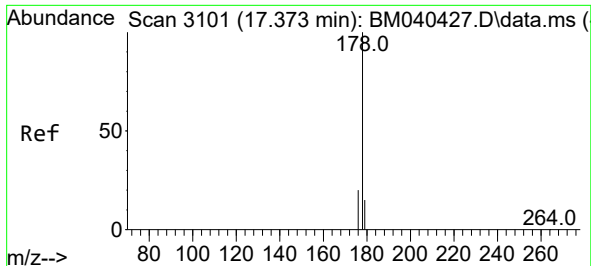
Tgt Ion:153 Resp: 16120
Ion Ratio Lower Upper
153 100
152 50.6 41.0 61.4
154 87.5 70.8 106.2



#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

Tgt Ion:166 Resp: 14546
Ion Ratio Lower Upper
166 100
165 99.5 79.6 119.4
167 17.1 11.4 17.0#

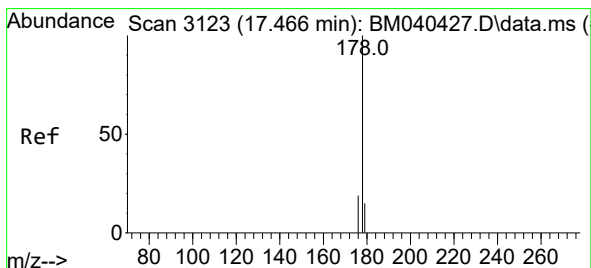
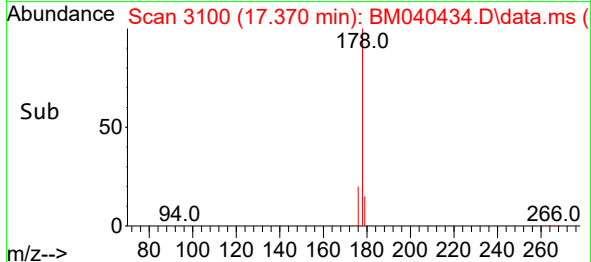
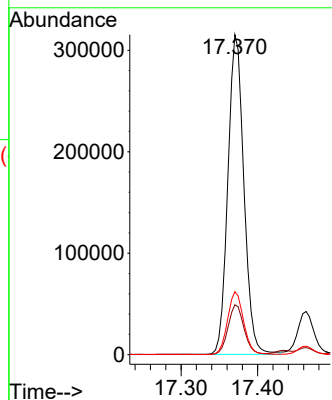
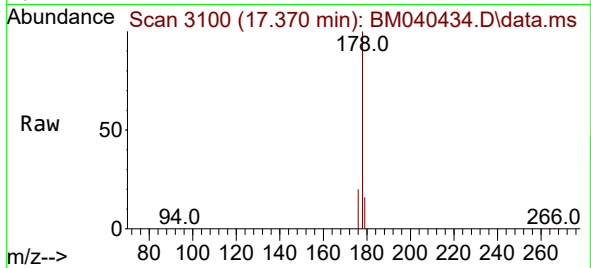




#15
Phenanthrene
Concen: 5.991 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

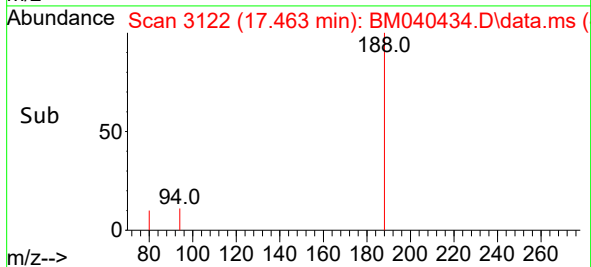
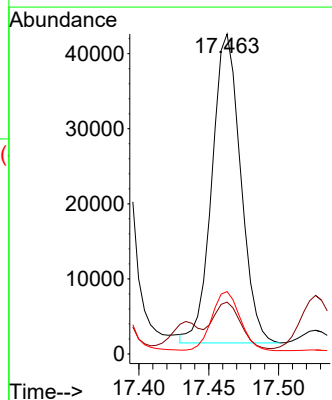
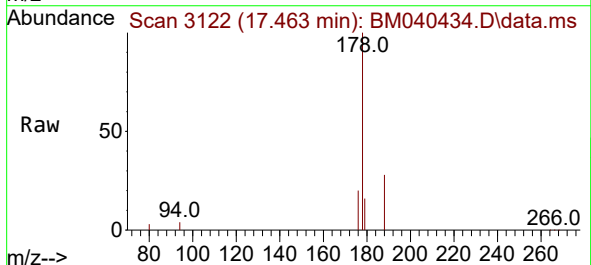
Instrument :
BNA_M
ClientSampleId :
DCFU8

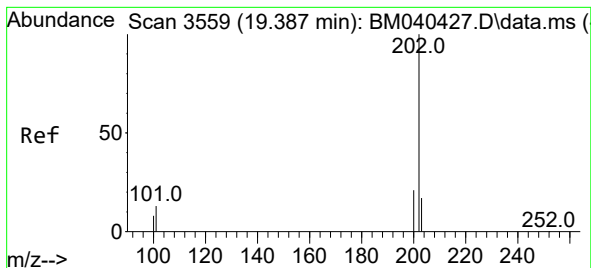
Tgt Ion:178 Resp: 457543
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6



#16
Anthracene
Concen: 0.915 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

Tgt Ion:178 Resp: 58757
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.5 15.8 23.6





#19

Fluoranthene

Concen: 27.299 ng/ul

RT: 19.389 min Scan# 3559

Delta R.T. 0.000 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_M

ClientSampleId :

DCFU8

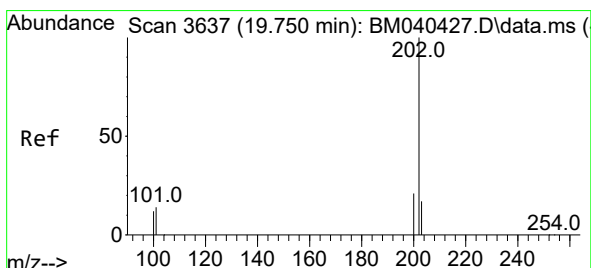
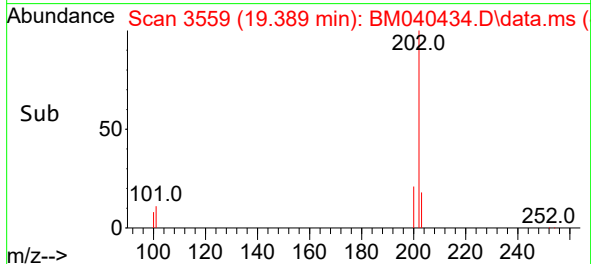
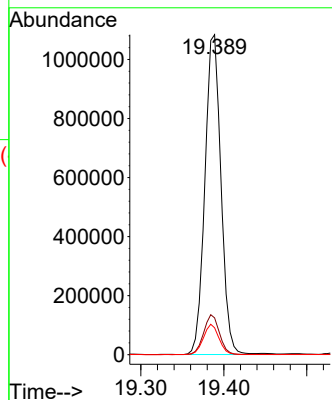
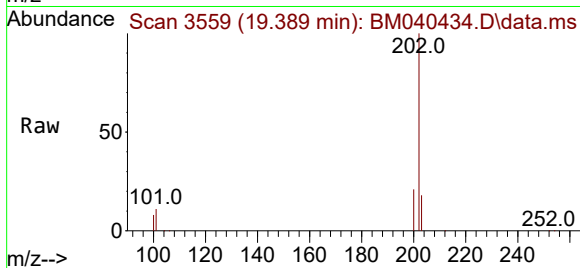
Tgt Ion:202 Resp: 1462712

Ion Ratio Lower Upper

202 100

101 11.5 11.4 17.0

100 8.4 8.7 13.1#



#20

Pyrene

Concen: 19.675 ng/ul

RT: 19.751 min Scan# 3637

Delta R.T. -0.005 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

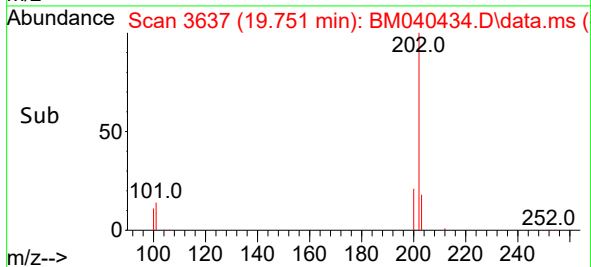
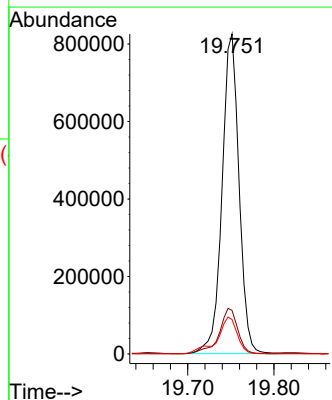
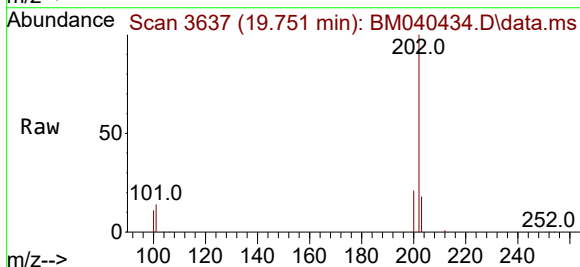
Tgt Ion:202 Resp: 1130225

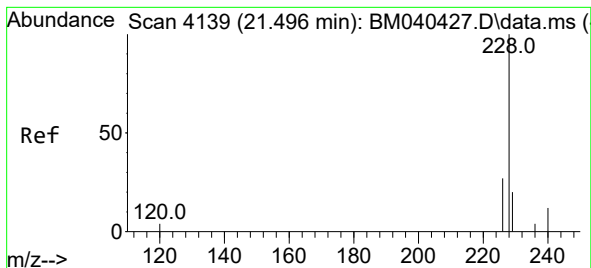
Ion Ratio Lower Upper

202 100

101 13.6 12.6 18.8

100 10.7 9.8 14.6





#21

Benzo(a)anthracene

Concen: 11.440 ng/ul

RT: 21.494 min Scan# 4139

Delta R.T. -0.006 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_M

ClientSampleId :

DCFU8

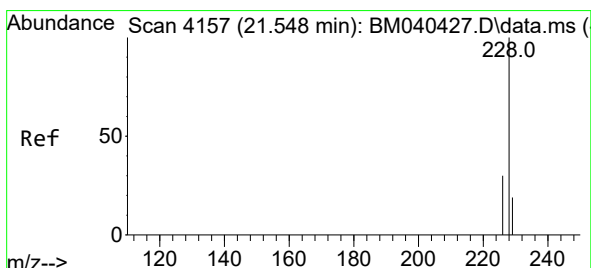
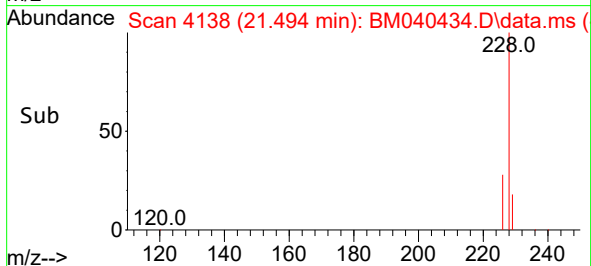
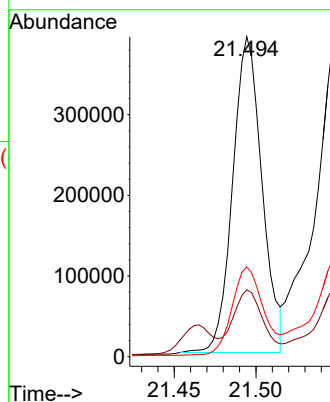
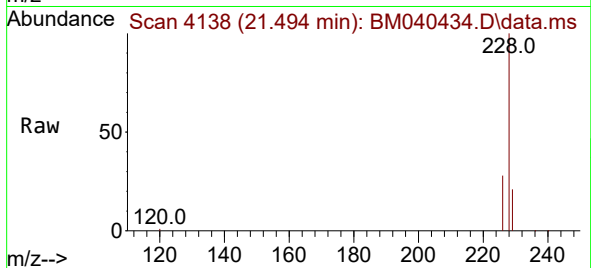
Tgt Ion:228 Resp: 488121

Ion Ratio Lower Upper

228 100

229 20.9 16.0 24.0

226 28.0 22.3 33.5



#22

Chrysene

Concen: 12.128 ng/ul

RT: 21.550 min Scan# 4157

Delta R.T. -0.003 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

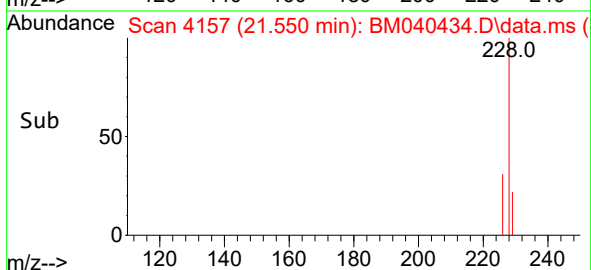
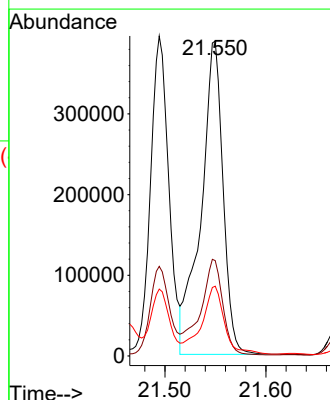
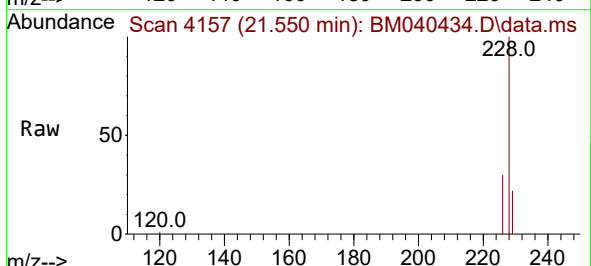
Tgt Ion:228 Resp: 590262

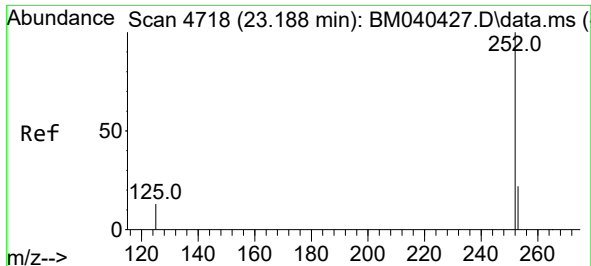
Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 22.1 15.8 23.6

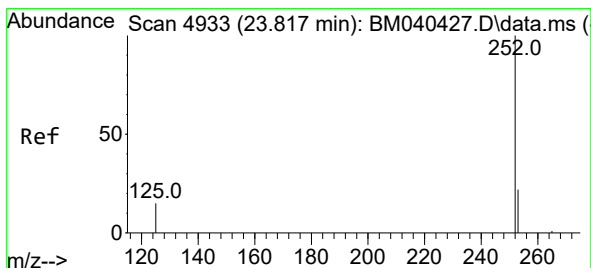
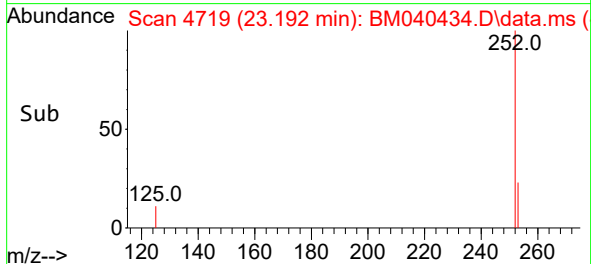
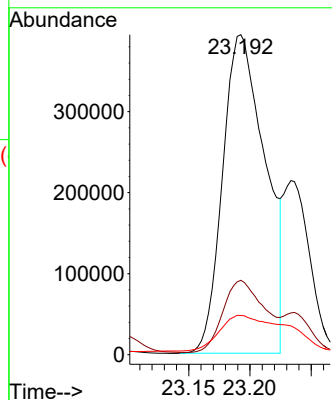
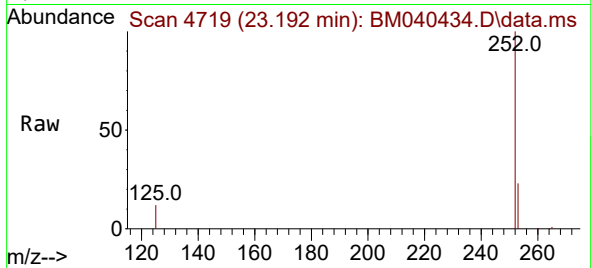




#24
Benzo(b)fluoranthene
Concen: 14.478 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

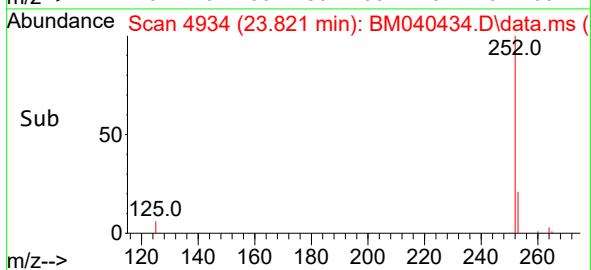
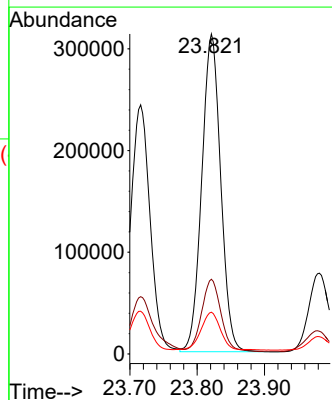
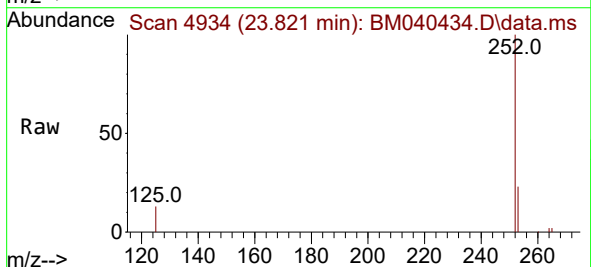
Instrument :
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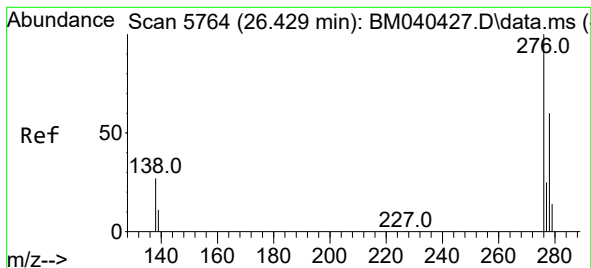
Tgt Ion:252 Resp: 952845
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 12.2 0.0 43.0



#26
Benzo(a)pyrene
Concen: 10.319 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

Tgt Ion:252 Resp: 611768
Ion Ratio Lower Upper
252 100
253 23.4 22.9 34.3
125 13.0 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.245 ng/ul

RT: 26.434 min Scan# 5

Delta R.T. 0.000 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

Instrument :

BNA_M

ClientSampleId :

DCFU8

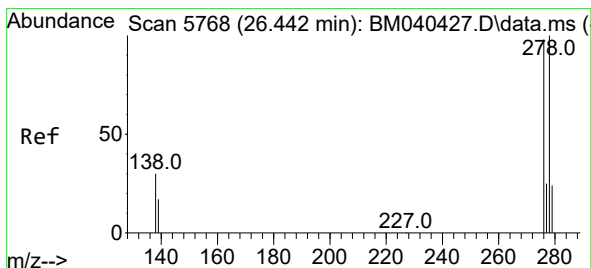
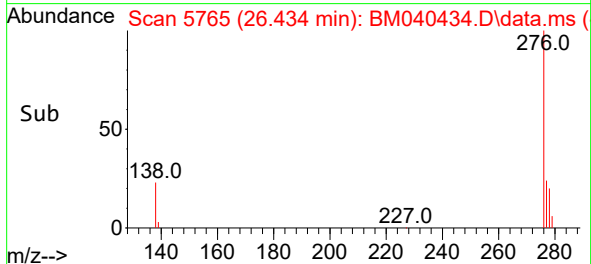
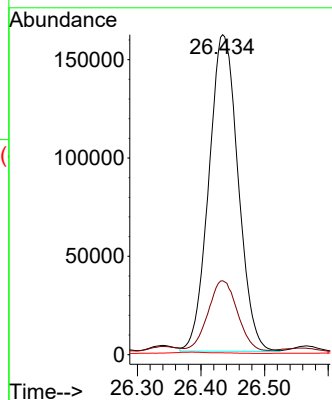
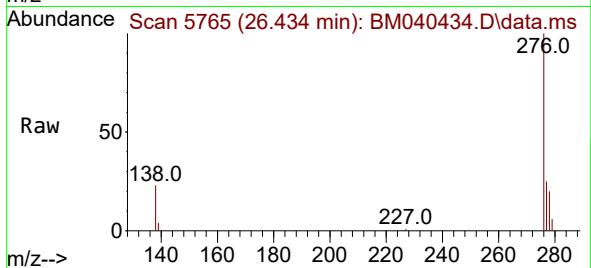
Tgt Ion:276 Resp: 515627

Ion Ratio Lower Upper

276 100

138 22.4 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.914 ng/ul

RT: 26.444 min Scan# 5768

Delta R.T. -0.010 min

Lab File: BM040434.D

Acq: 29 Jun 2023 12:57

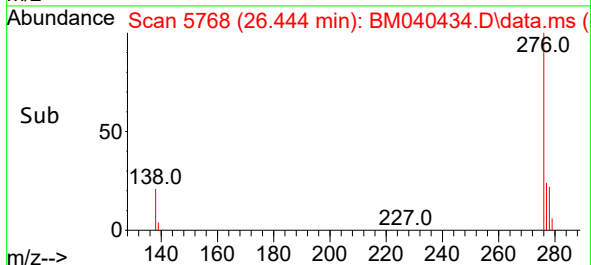
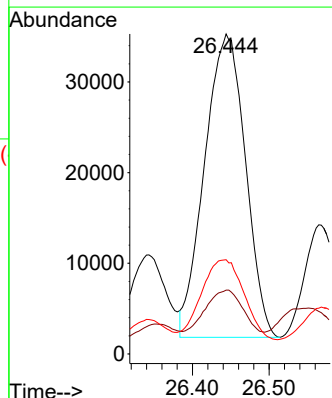
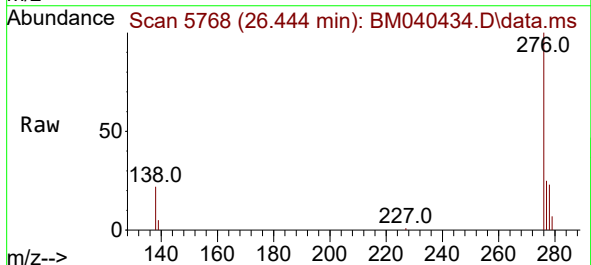
Tgt Ion:278 Resp: 123722

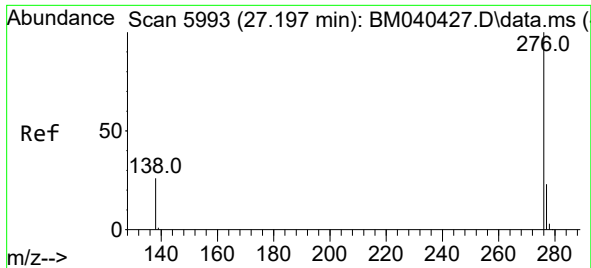
Ion Ratio Lower Upper

278 100

139 20.0 17.9 26.9

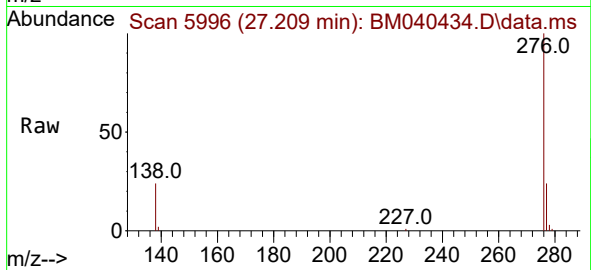
279 29.5 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 6.868 ng/ul
RT: 27.209 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040434.D
Acq: 29 Jun 2023 12:57

Instrument :
BNA_M
ClientSampleId :
DCFU8



Tgt Ion:276 Resp: 497000
Ion Ratio Lower Upper
276 100
138 23.6 23.0 34.6
277 24.3 20.3 30.5

