

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048381.D
 Acq On : 01 Nov 2024 05:54
 Operator : RC/JU
 Sample : P4592-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H04

Quant Time: Nov 03 07:05:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

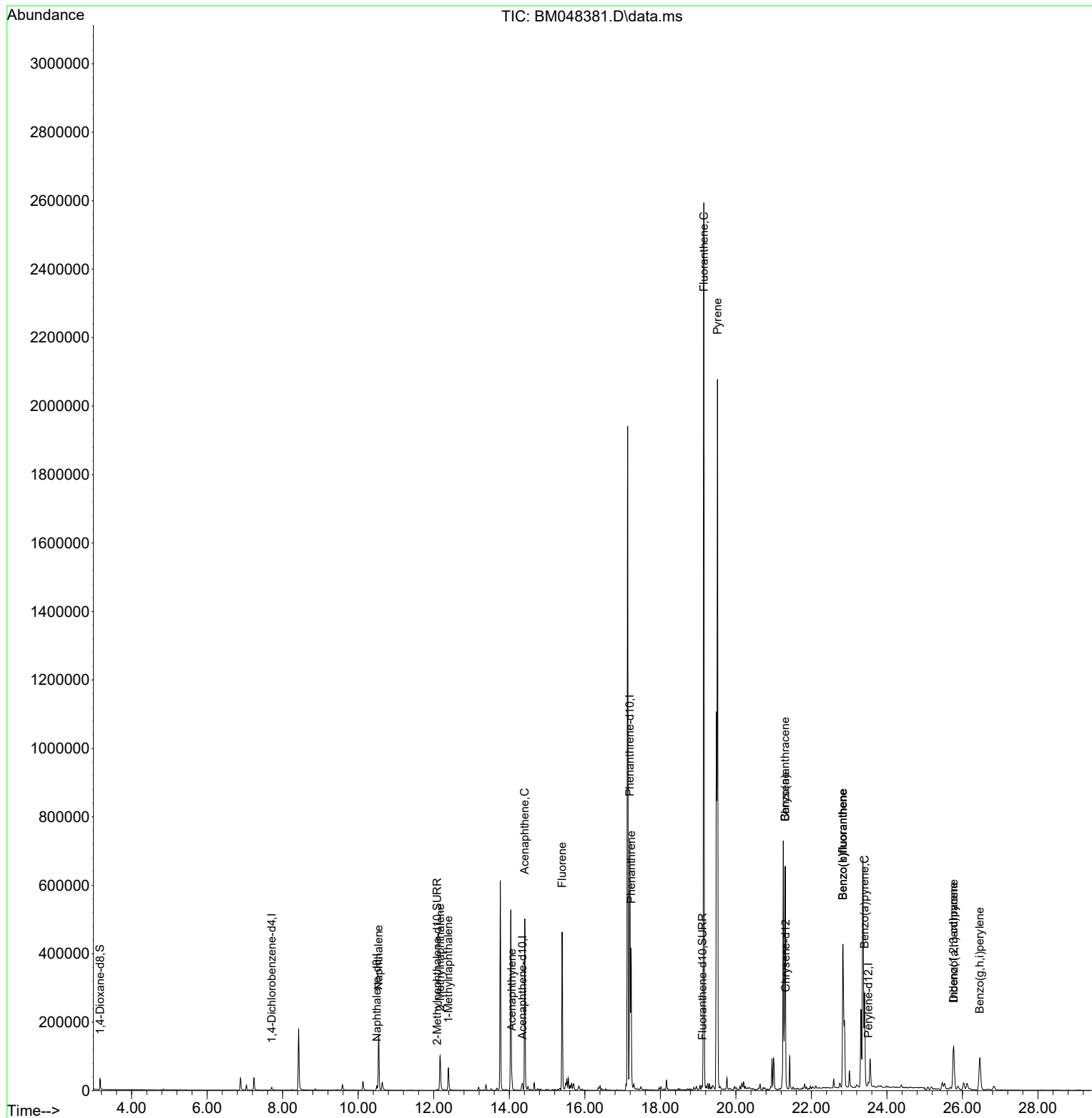
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5188	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	17064	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	10065	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.192	188	832373	0.400	ng/ul	0.07
17) Chrysene-d12	21.321	240	340	0.400	ng/ul	# 0.03
23) Perylene-d12	23.507	264	26839	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17943	2.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	5123	0.236	ng/ul	-0.05
18) Fluoranthene-d10	19.118	212	12346	14.303	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	227921	5.111	ng/ul	95
7) 2-Methylnaphthalene	12.168	142	95549	3.601	ng/ul	98
8) 1-Methylnaphthalene	12.388	142	53046	1.876	ng/ul	96
10) Acenaphthylene	14.067	152	33870	0.871	ng/ul	99
11) Acenaphthene	14.409	153	280371	8.991	ng/ul	98
12) Fluorene	15.400	166	297173	8.570	ng/ul	99
15) Phenanthrene	17.226	178	438562	0.212	ng/ul	96
19) Fluoranthene	19.151	202	2213800	1888.361	ng/ul	100
20) Pyrene	19.513	202	1752701	1393.266	ng/ul	99
21) Benzo(a)anthracene	21.306	228	641552	629.904	ng/ul	95
22) Chrysene	21.306	228	641552	457.711	ng/ul	98
24) Benzo(b)fluoranthene	22.835	252	898411	9.794	ng/ul	85
25) Benzo(k)fluoranthene	22.835	252	898411	8.273	ng/ul#	85
26) Benzo(a)pyrene	23.408	252	367962	4.272	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.765	276	217986	1.810	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.769	278	51684	0.550	ng/ul	95
29) Benzo(g,h,i)perylene	26.460	276	198161	1.952	ng/ul	96

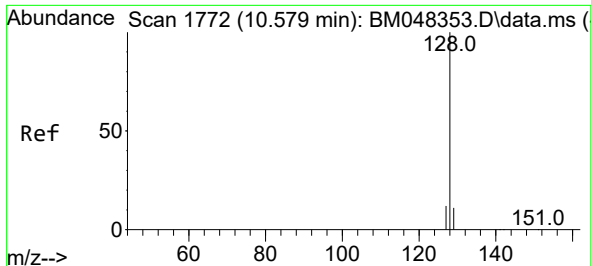
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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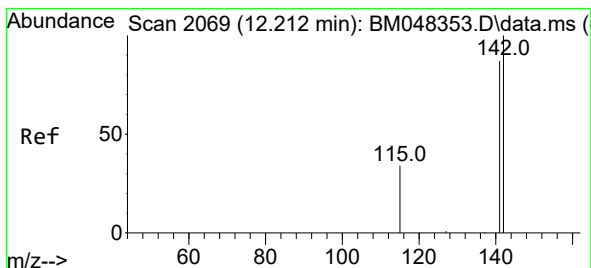
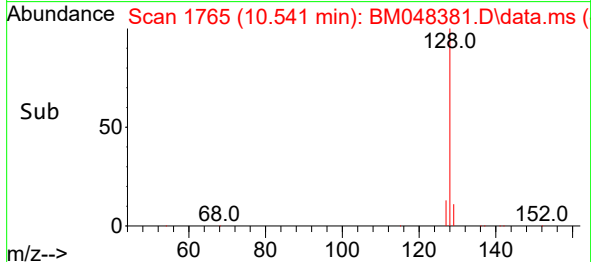
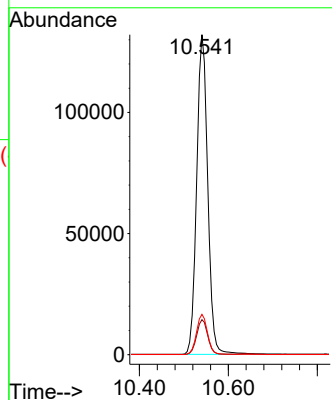
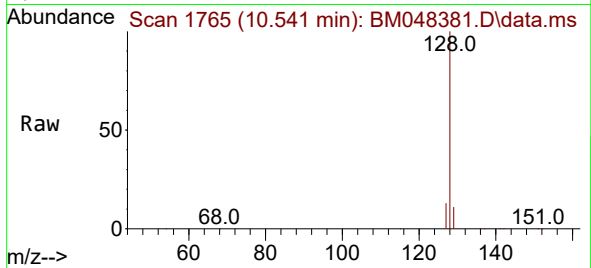




#5
Naphthalene
Concen: 5.111 ng/ul
RT: 10.541 min Scan# 1772
Delta R.T. -0.039 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

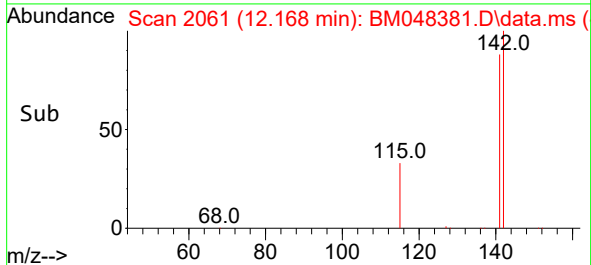
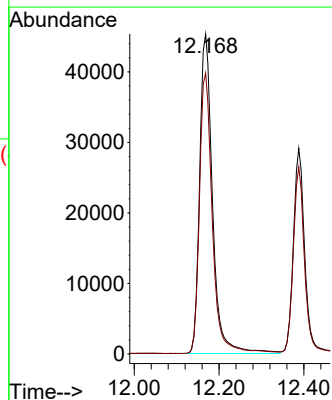
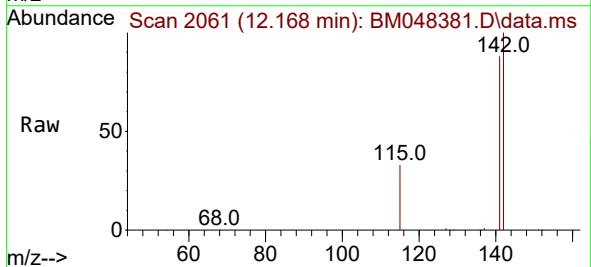
Instrument :
BNA_M
ClientSampleId :
F7H04

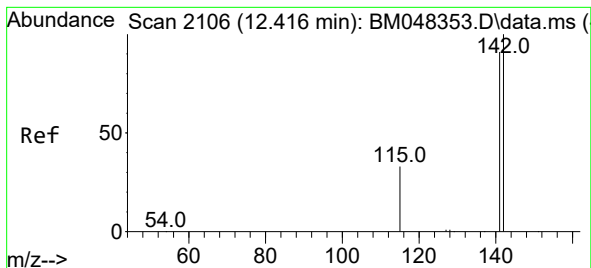
Tgt Ion:128 Resp: 227921
Ion Ratio Lower Upper
128 100
129 10.9 10.6 15.8
127 12.6 11.4 17.2



#7
2-Methylnaphthalene
Concen: 3.601 ng/ul
RT: 12.168 min Scan# 2061
Delta R.T. -0.044 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

Tgt Ion:142 Resp: 95549
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#8

1-Methylnaphthalene

Concen: 1.876 ng/ul

RT: 12.388 min Scan# 2106

Delta R.T. -0.028 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

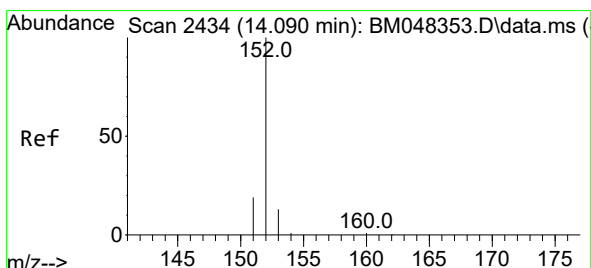
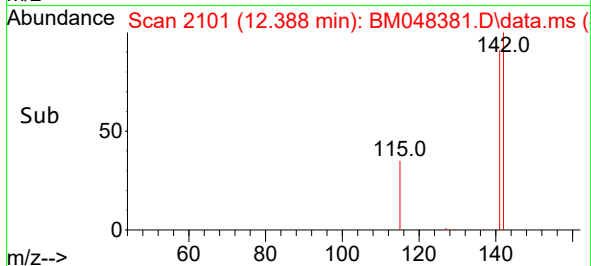
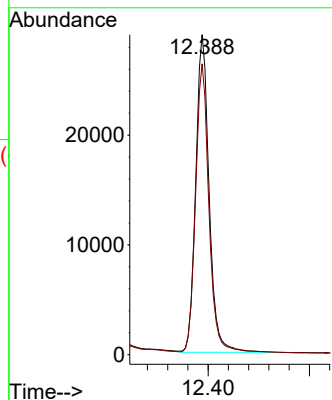
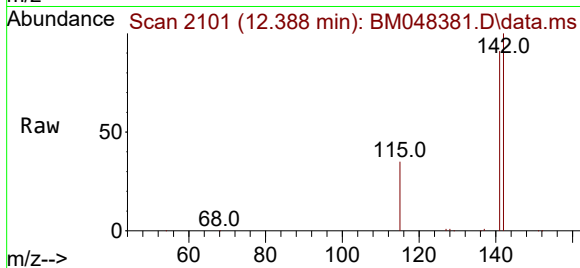
F7H04

Tgt Ion:142 Resp: 53046

Ion Ratio Lower Upper

142 100

141 90.9 75.5 113.3



#10

Acenaphthylene

Concen: 0.871 ng/ul

RT: 14.067 min Scan# 2429

Delta R.T. -0.023 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

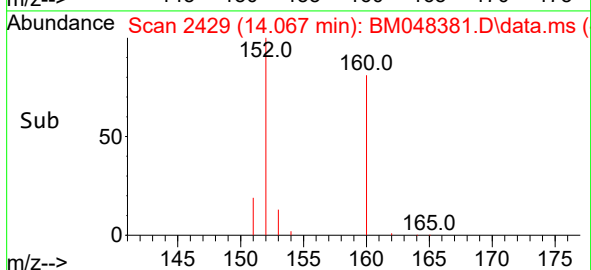
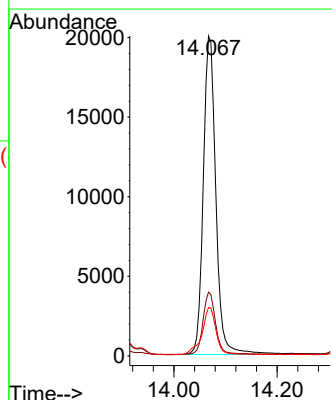
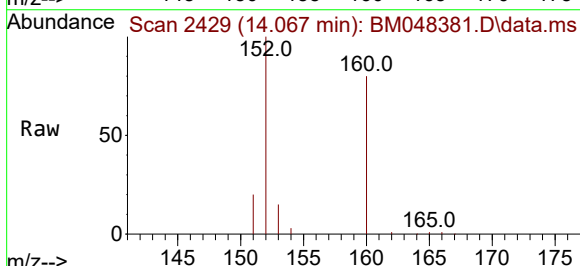
Tgt Ion:152 Resp: 33870

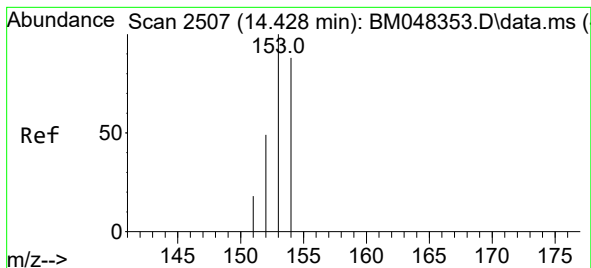
Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8

153 15.1 11.8 17.6





#11

Acenaphthene

Concen: 8.991 ng/ul

RT: 14.409 min Scan# 21

Delta R.T. -0.019 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

F7H04

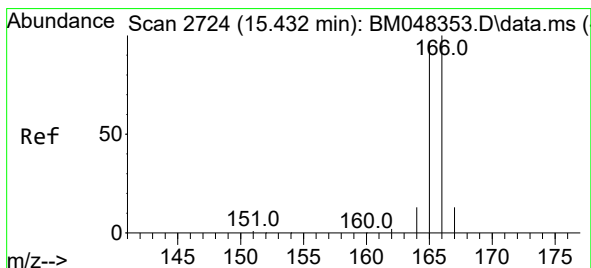
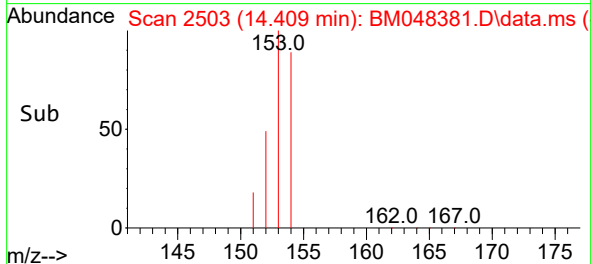
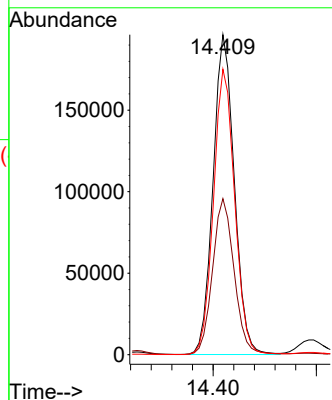
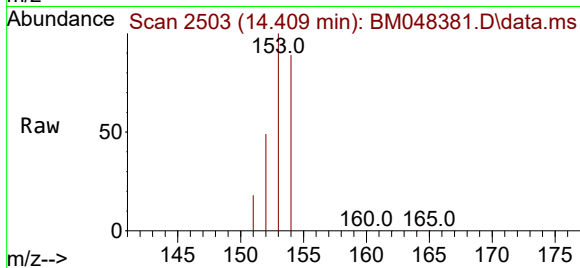
Tgt Ion:153 Resp: 280371

Ion Ratio Lower Upper

153 100

152 48.7 40.7 61.1

154 89.2 70.6 106.0



#12

Fluorene

Concen: 8.570 ng/ul

RT: 15.400 min Scan# 2717

Delta R.T. -0.032 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

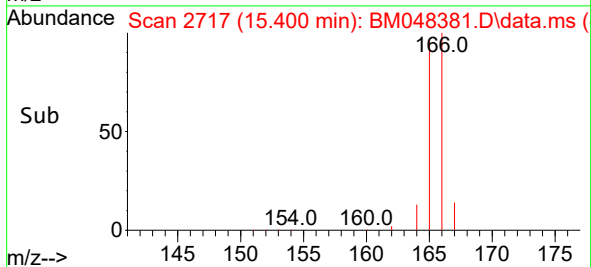
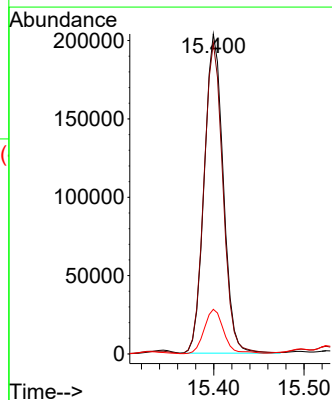
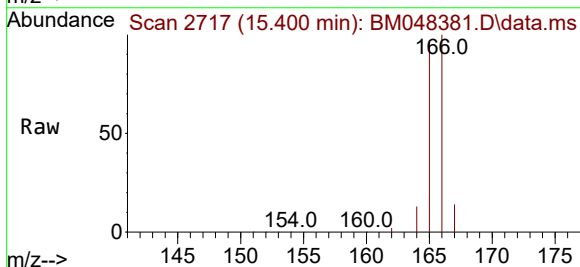
Tgt Ion:166 Resp: 297173

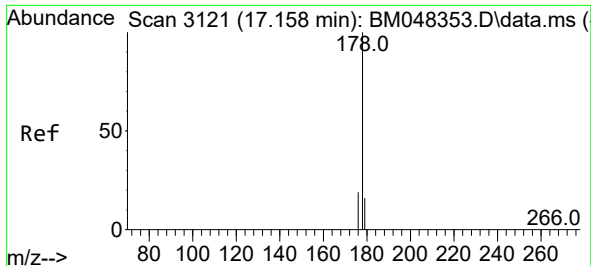
Ion Ratio Lower Upper

166 100

165 97.2 78.6 118.0

167 14.0 12.1 18.1

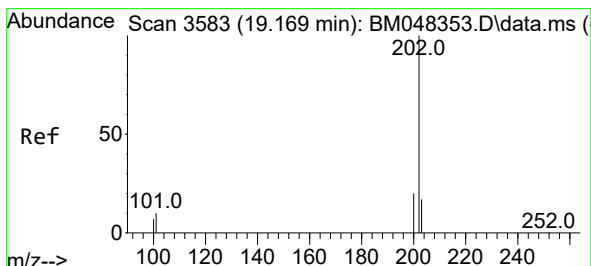
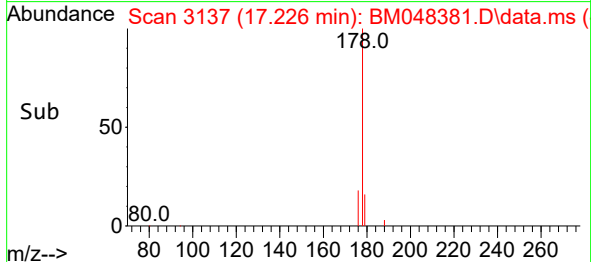
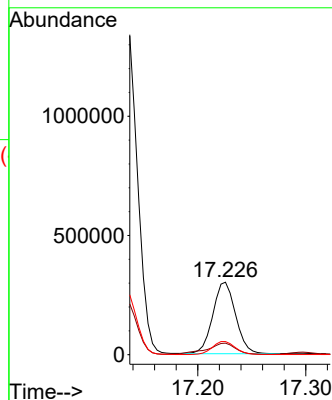
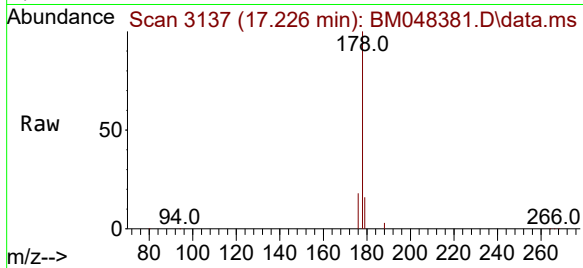




#15
Phenanthrene
Concen: 0.212 ng/ul
RT: 17.226 min Scan# 31
Delta R.T. 0.067 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

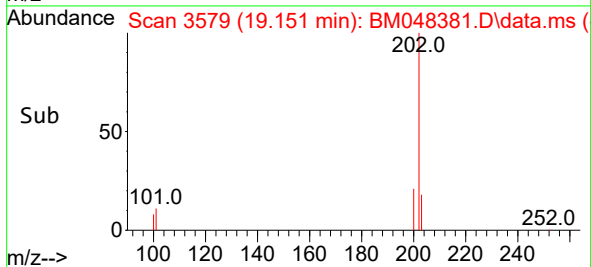
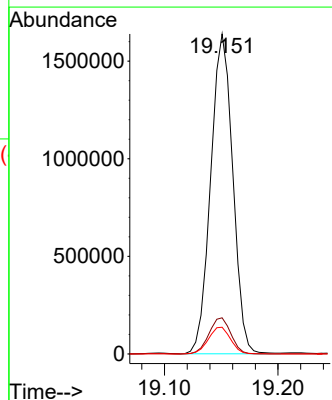
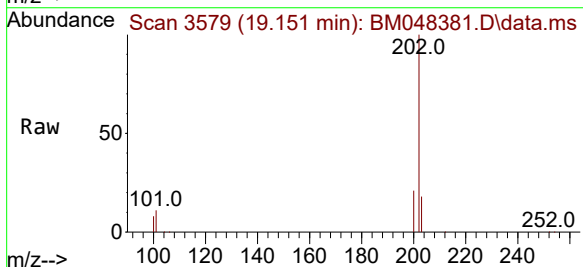
Instrument :
BNA_M
ClientSampleId :
F7H04

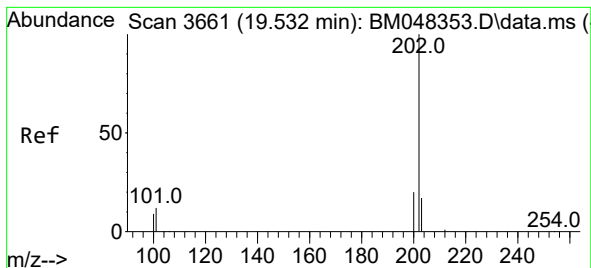
Tgt Ion:178 Resp: 438562
Ion Ratio Lower Upper
178 100
179 15.9 13.9 20.9
176 18.2 16.0 24.0



#19
Fluoranthene
Concen: 1888.361 ng/ul
RT: 19.151 min Scan# 3579
Delta R.T. -0.019 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

Tgt Ion:202 Resp: 2213800
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 8.3 6.6 10.0





#20

Pyrene

Concen: 1393.266 ng/ul

RT: 19.513 min Scan# 3

Delta R.T. -0.019 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

F7H04

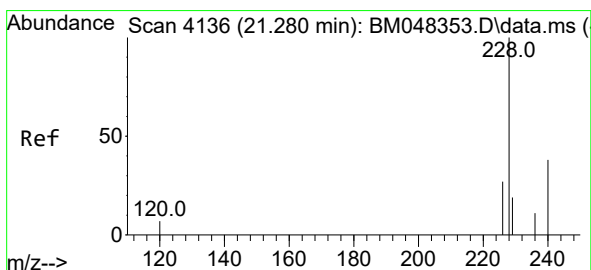
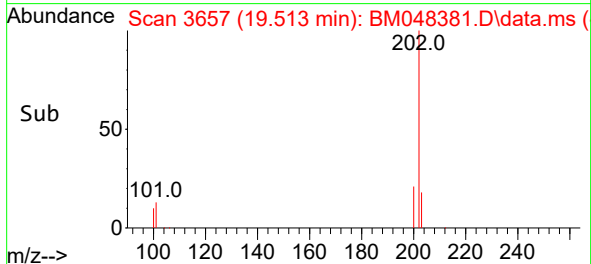
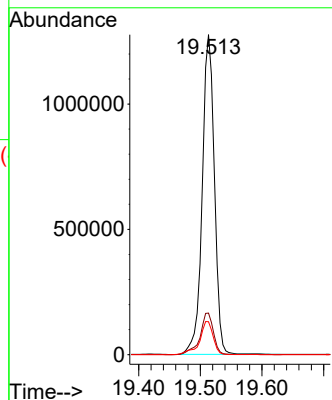
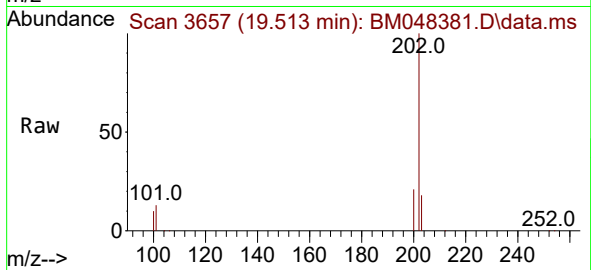
Tgt Ion:202 Resp: 1752701

Ion Ratio Lower Upper

202 100

101 13.0 10.0 15.0

100 10.3 8.0 12.0



#21

Benzo(a)anthracene

Concen: 629.904 ng/ul

RT: 21.306 min Scan# 4145

Delta R.T. 0.026 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

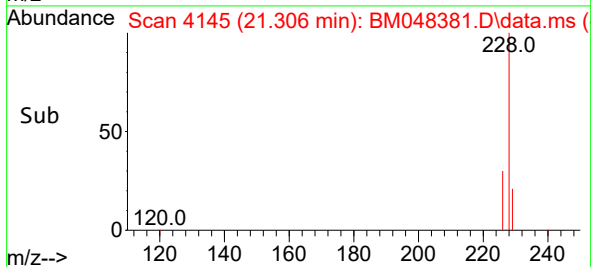
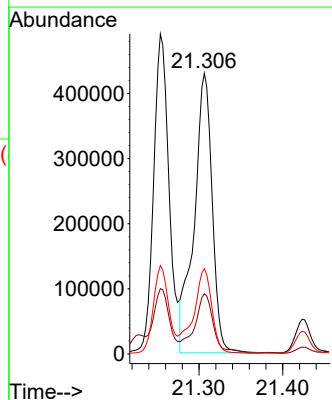
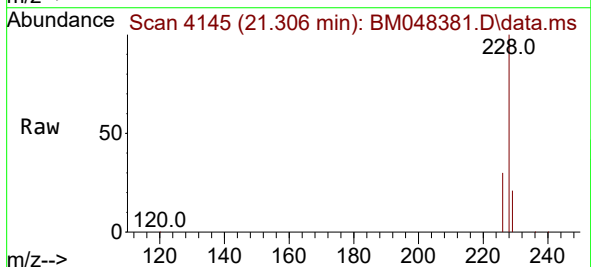
Tgt Ion:228 Resp: 641552

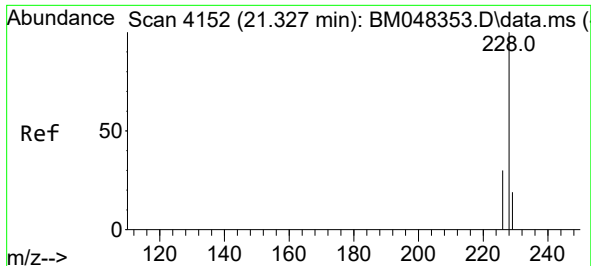
Ion Ratio Lower Upper

228 100

229 21.4 15.9 23.9

226 30.4 22.1 33.1





#22

Chrysene

Concen: 457.711 ng/ul

RT: 21.306 min Scan# 4152

Delta R.T. -0.020 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

F7H04

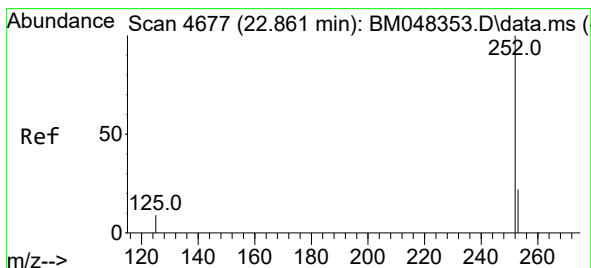
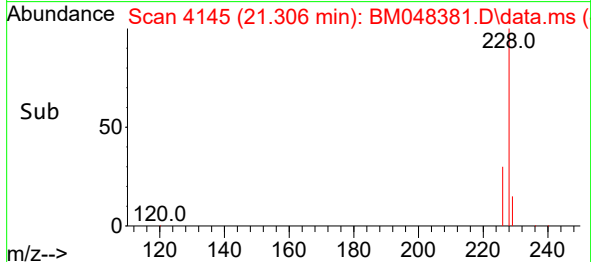
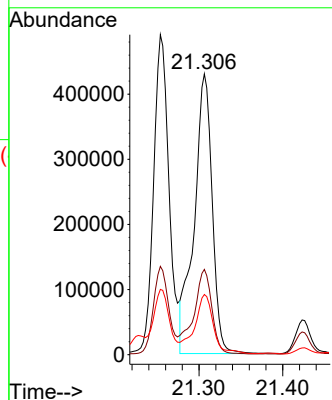
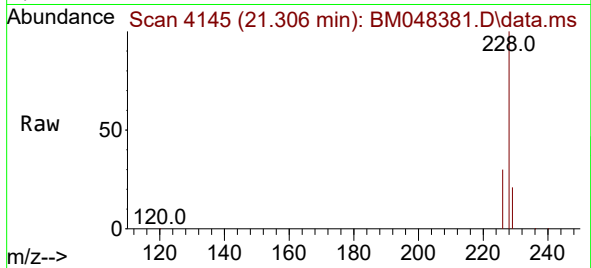
Tgt Ion:228 Resp: 641552

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 21.4 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 9.794 ng/ul

RT: 22.835 min Scan# 4668

Delta R.T. -0.026 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

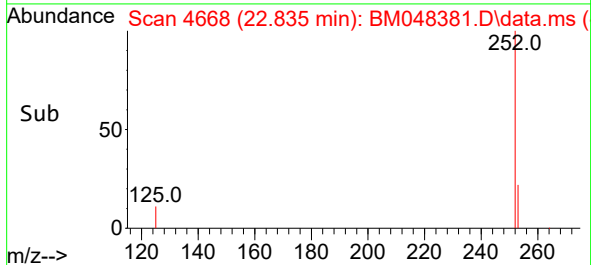
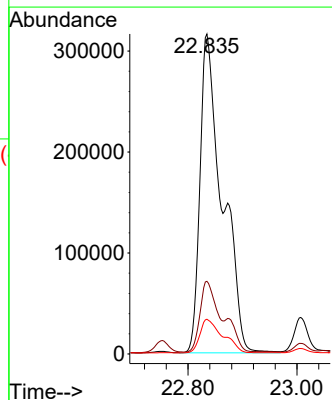
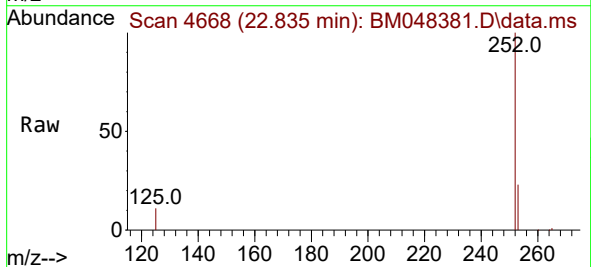
Tgt Ion:252 Resp: 898411

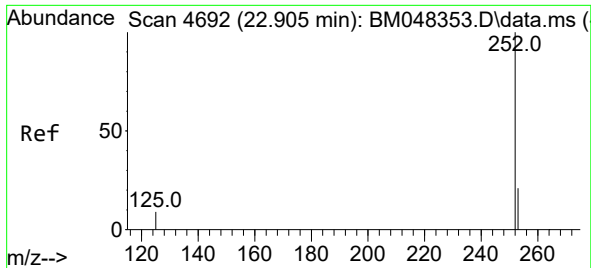
Ion Ratio Lower Upper

252 100

253 22.7 0.0 59.4

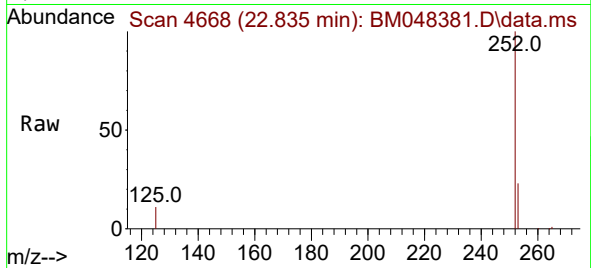
125 10.9 0.0 38.0



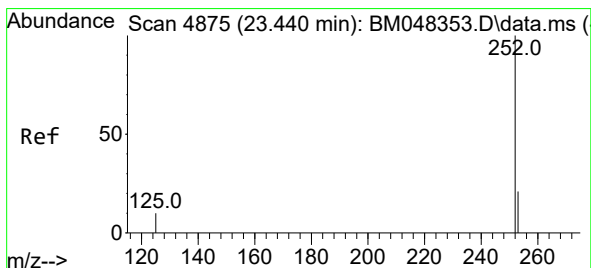
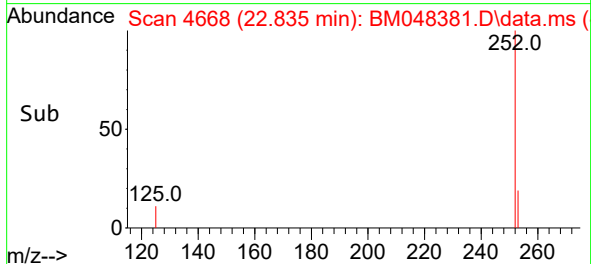
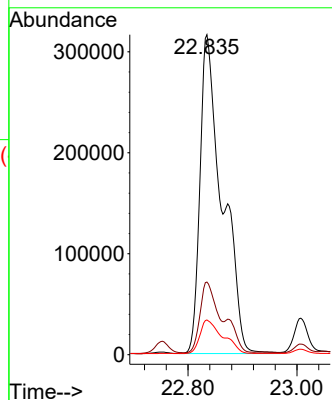


#25
Benzo(k)fluoranthene
Concen: 8.273 ng/ul
RT: 22.835 min Scan# 4668
Delta R.T. -0.070 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

Instrument :
BNA_M
ClientSampleId :
F7H04

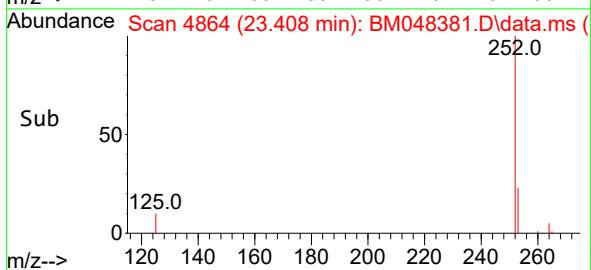
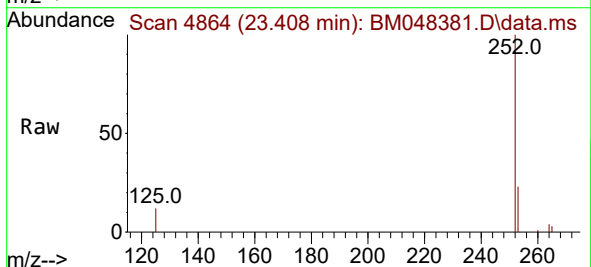
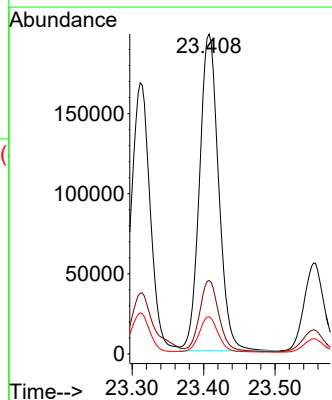


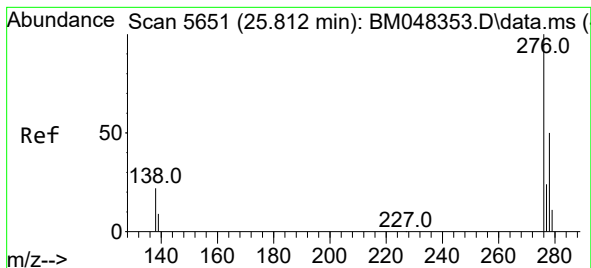
Tgt Ion:252 Resp: 898411
Ion Ratio Lower Upper
252 100
253 22.7 23.4 35.0#
125 10.9 15.3 22.9#



#26
Benzo(a)pyrene
Concen: 4.272 ng/ul
RT: 23.408 min Scan# 4864
Delta R.T. -0.032 min
Lab File: BM048381.D
Acq: 01 Nov 2024 05:54

Tgt Ion:252 Resp: 367962
Ion Ratio Lower Upper
252 100
253 23.0 27.7 41.5#
125 11.6 21.1 31.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.810 ng/ul

RT: 25.765 min Scan# 5

Delta R.T. -0.047 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

F7H04

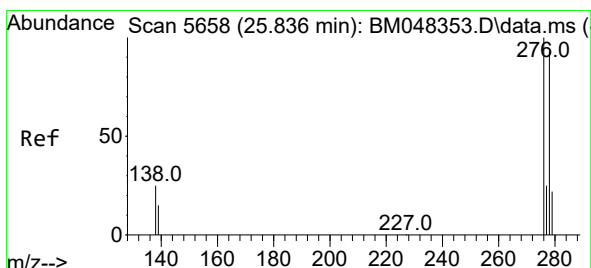
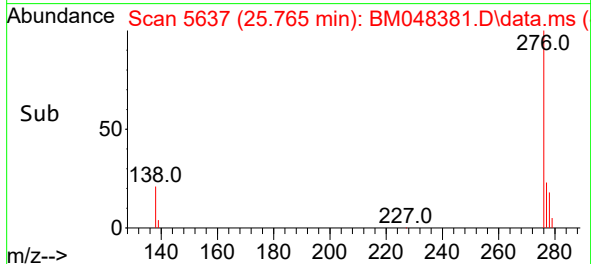
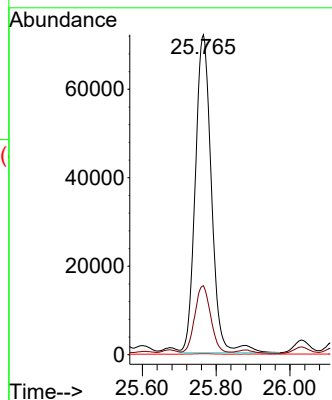
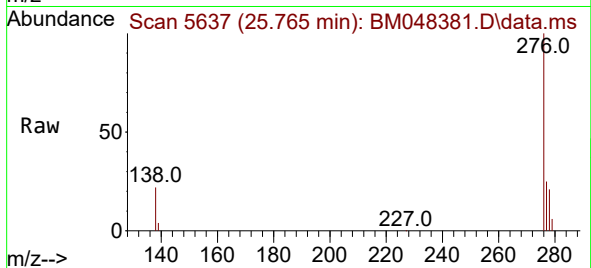
Tgt Ion:276 Resp: 217986

Ion Ratio Lower Upper

276 100

138 20.7 19.6 29.4

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.550 ng/ul

RT: 25.769 min Scan# 5638

Delta R.T. -0.067 min

Lab File: BM048381.D

Acq: 01 Nov 2024 05:54

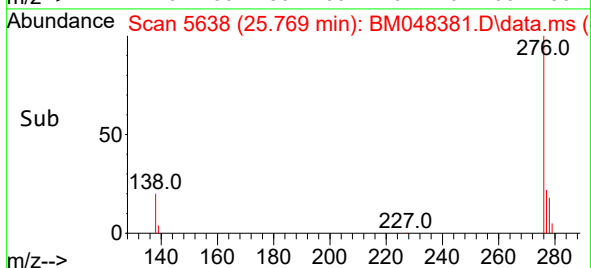
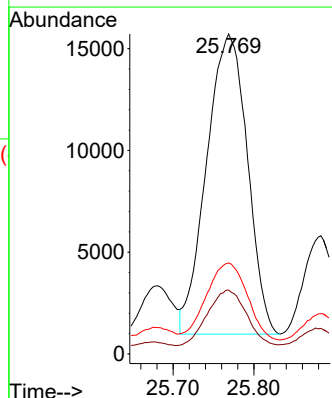
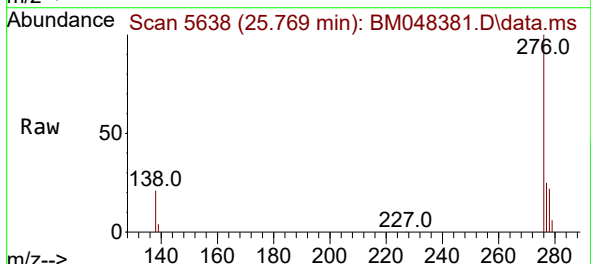
Tgt Ion:278 Resp: 51684

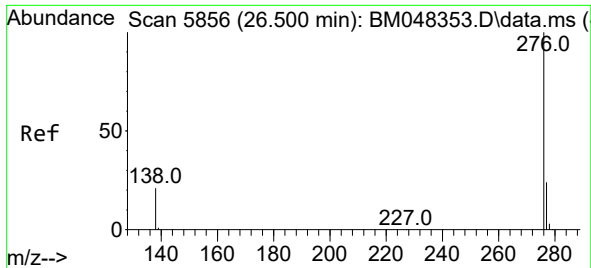
Ion Ratio Lower Upper

278 100

139 20.0 15.6 23.4

279 28.5 26.4 39.6





#29

Benzo(g,h,i)perylene

Concen: 1.952 ng/ul

RT: 26.460 min Scan# 5844

Delta R.T. -0.040 min

Lab File: BM048381.D

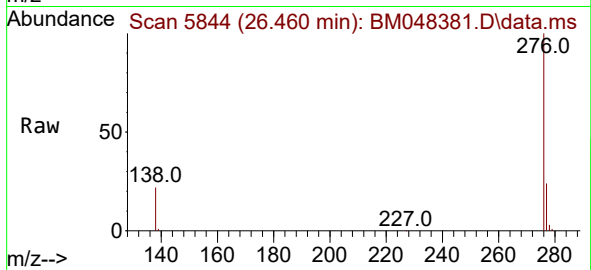
Acq: 01 Nov 2024 05:54

Instrument :

BNA_M

ClientSampleId :

F7H04



Tgt Ion:276 Resp: 198161

Ion Ratio Lower Upper

276 100

138 21.8 19.0 28.6

277 24.1 20.6 31.0

