

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046236.D
 Acq On : 23 Jun 2024 15:40
 Operator : MA/JU
 Sample : P2776-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 24 02:31:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

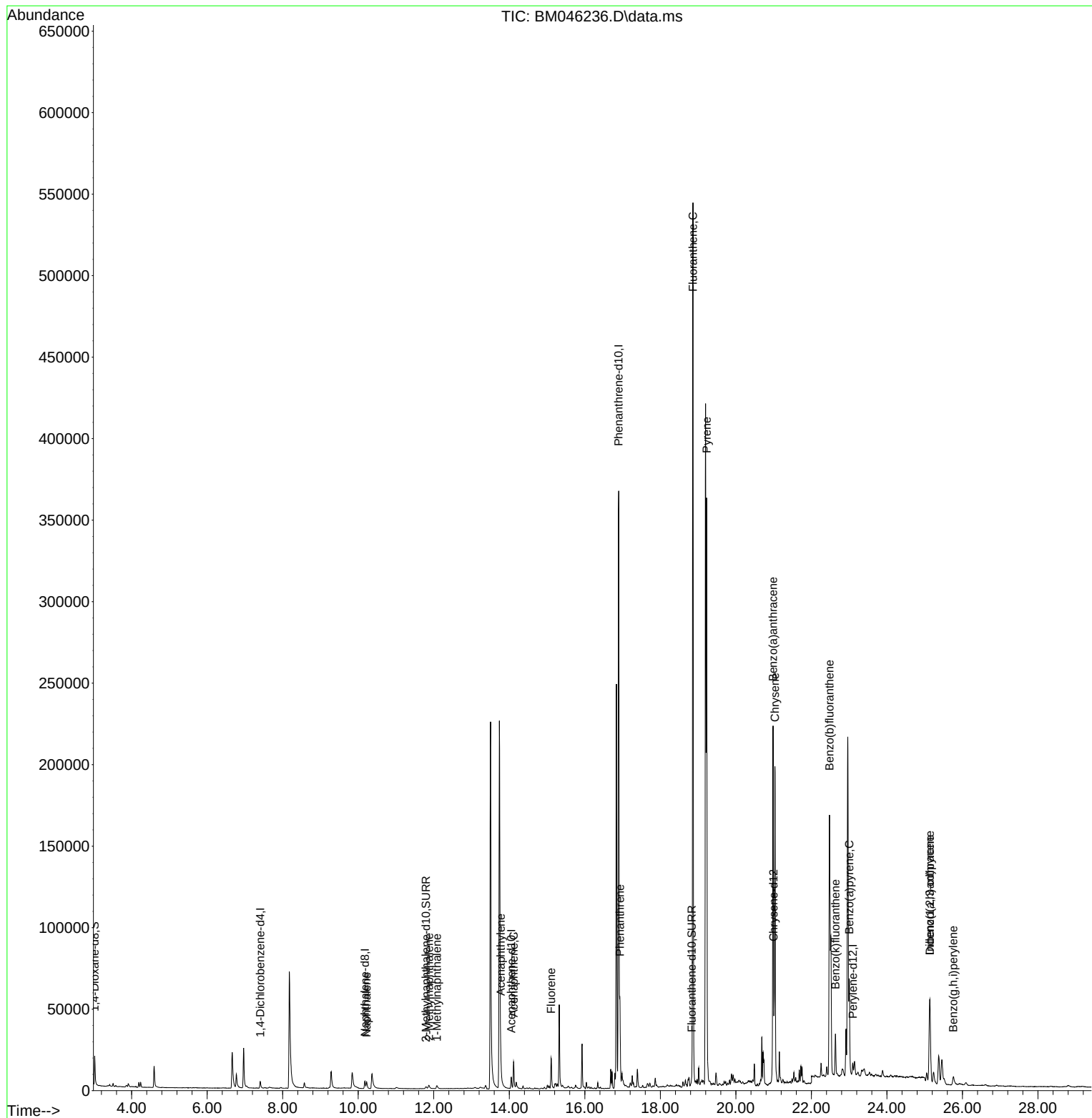
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2425	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.178	136	7496	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4276	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.896	188	421001	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.000	240	5991	0.400	ng/ul	#-0.04
23) Perylene-d12	23.098	264	10194	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	10524	3.163	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2485	0.247	ng/ul	-0.07
18) Fluoranthene-d10	18.830	212	5878	0.328	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.222	128	6781	0.324	ng/ul	98
7) 2-Methylnaphthalene	11.871	142	2503	0.213	ng/ul	95
8) 1-Methylnaphthalene	12.086	142	2098	0.163	ng/ul	98
10) Acenaphthylene	13.771	152	10261	0.506	ng/ul	100
11) Acenaphthene	14.113	153	10622	0.725	ng/ul	98
12) Fluorene	15.108	166	13273	0.845	ng/ul	99
15) Phenanthrene	16.930	178	50370	0.043	ng/ul	97
19) Fluoranthene	18.863	202	454102	17.506	ng/ul	95
20) Pyrene	19.225	202	295961	10.550	ng/ul	96
21) Benzo(a)anthracene	20.985	228	189837	8.203	ng/ul	99
22) Chrysene	21.035	228	183228	6.204	ng/ul	99
24) Benzo(b)fluoranthene	22.478	252	330574	9.001	ng/ul	83
25) Benzo(k)fluoranthene	22.636	252	27944	0.640	ng/ul	98
26) Benzo(a)pyrene	23.001	252	73647	2.164	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.135	276	69603	1.250	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.135	278	28013	0.676	ng/ul	99
29) Benzo(g,h,i)perylene	25.759	276	10351	0.217	ng/ul#	86

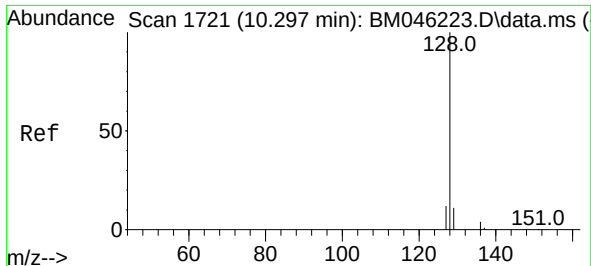
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046236.D
Acq On : 23 Jun 2024 15:40
Operator : MA/JU
Sample : P2776-06
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

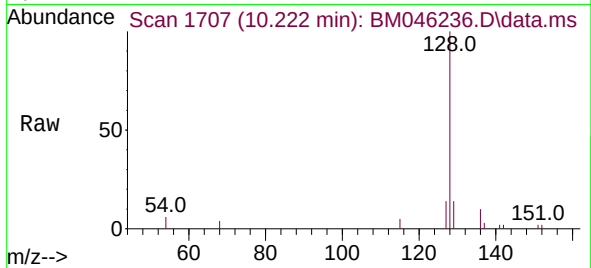
Quant Time: Jun 24 02:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



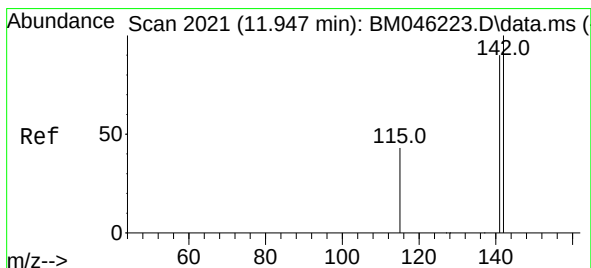
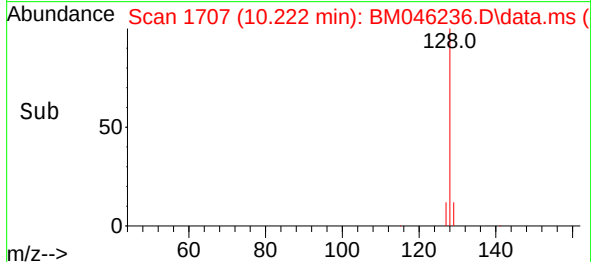
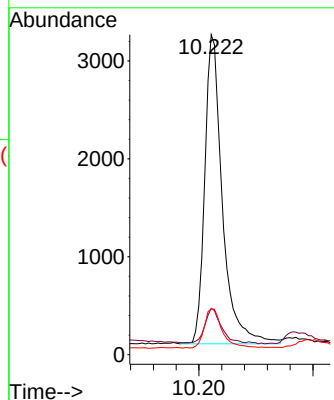


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.222 min Scan# 1
Delta R.T. -0.081 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :

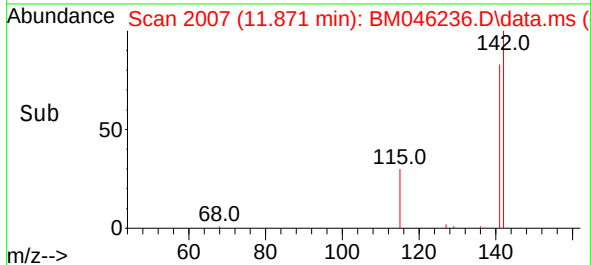
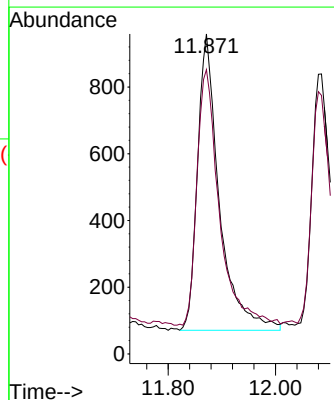
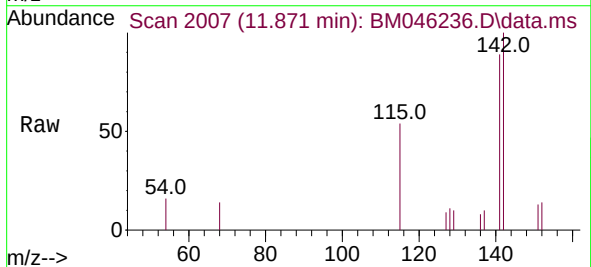


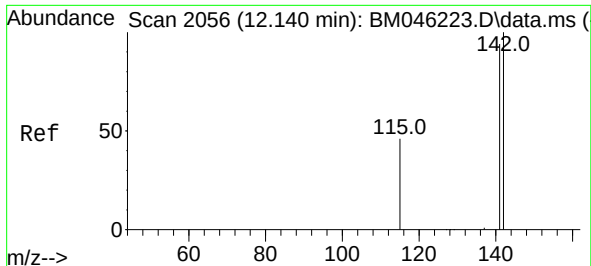
Tgt Ion:128 Resp: 6781
Ion Ratio Lower Upper
128 100
129 14.5 11.8 17.6
127 14.4 12.8 19.2



#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

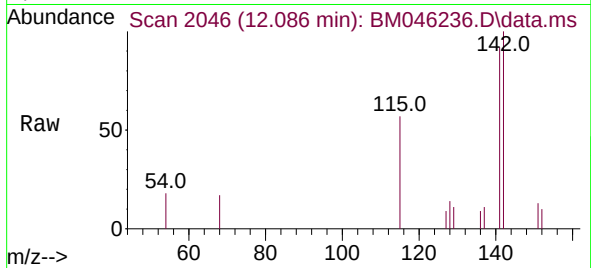
Tgt Ion:142 Resp: 2503
Ion Ratio Lower Upper
142 100
141 88.6 74.6 111.8



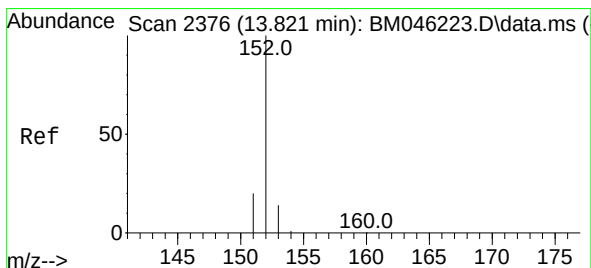
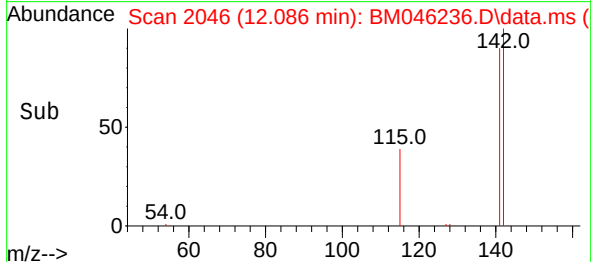
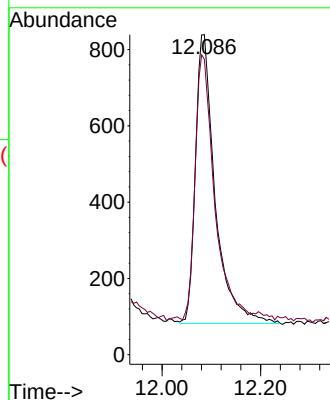


#8
1-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.086 min Scan# 2046
Delta R.T. -0.065 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :

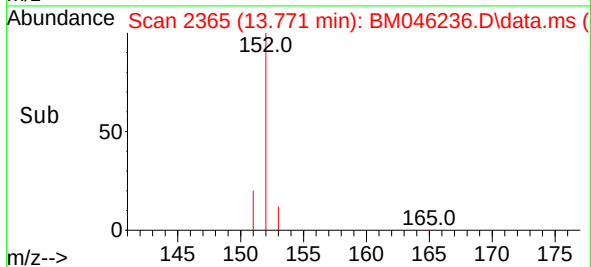
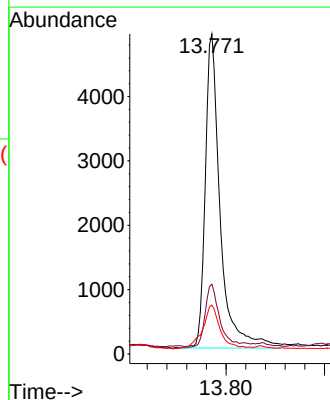
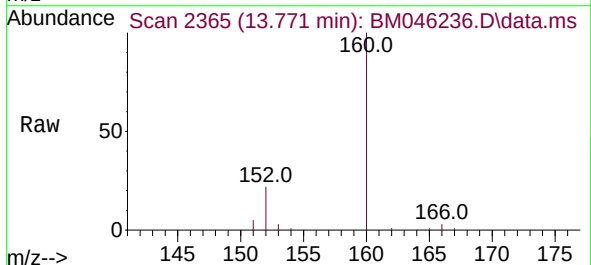


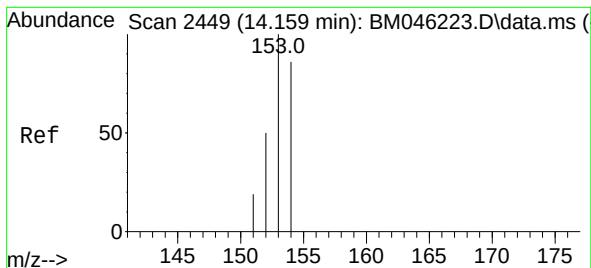
Tgt Ion:142 Resp: 2098
Ion Ratio Lower Upper
142 100
141 92.1 75.2 112.8



#10
Acenaphthylene
Concen: 0.506 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.064 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Tgt Ion:152 Resp: 10261
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 15.3 11.8 17.8





#11

Acenaphthene

Concen: 0.725 ng/ul

RT: 14.113 min Scan# 2449

Delta R.T. -0.059 min

Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :

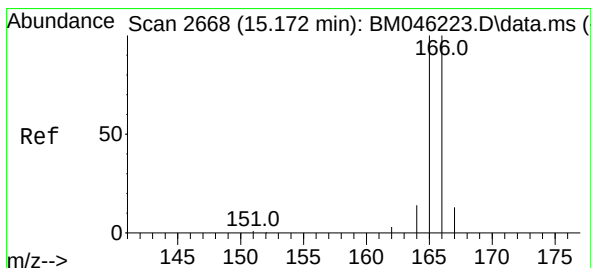
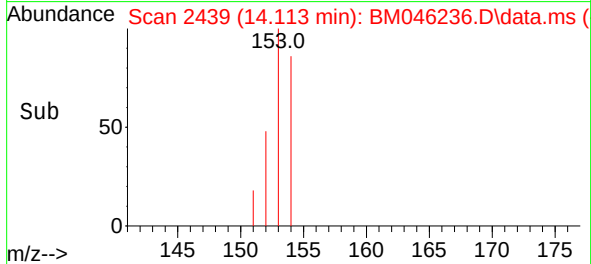
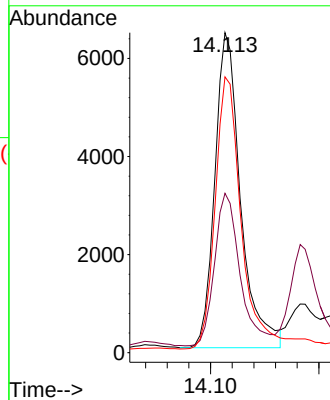
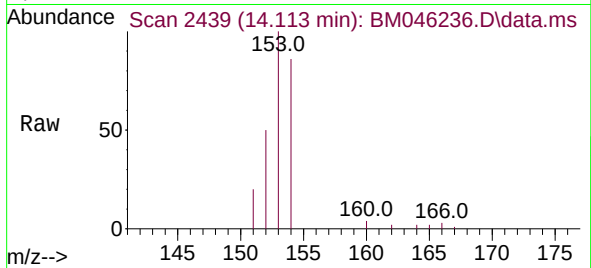
Tgt Ion:153 Resp: 10622

Ion Ratio Lower Upper

153 100

152 49.8 41.3 61.9

154 86.2 68.2 102.4



#12

Fluorene

Concen: 0.845 ng/ul

RT: 15.108 min Scan# 2654

Delta R.T. -0.073 min

Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

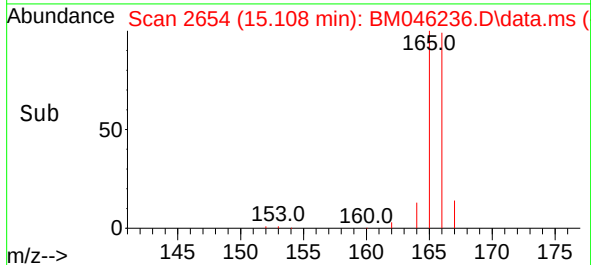
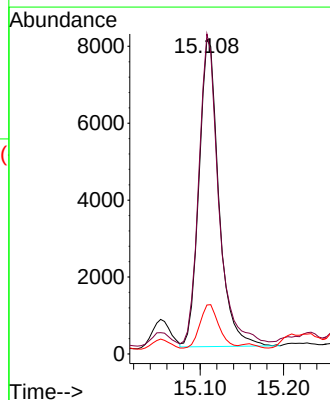
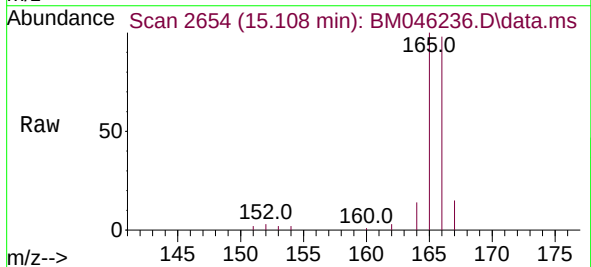
Tgt Ion:166 Resp: 13273

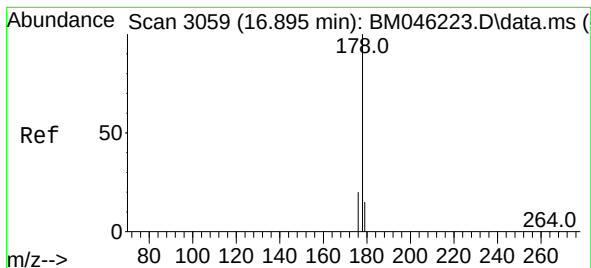
Ion Ratio Lower Upper

166 100

165 101.8 80.4 120.6

167 15.6 12.4 18.6





#15

Phenanthrene

Concen: 0.043 ng/ul

RT: 16.930 min Scan# 3059

Delta R.T. 0.027 min

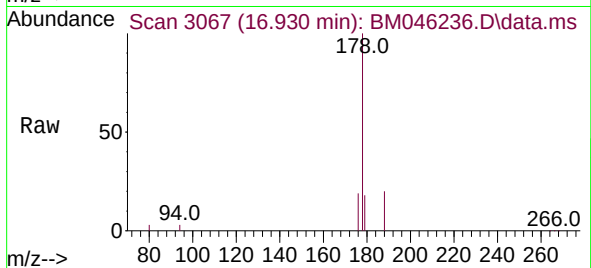
Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :



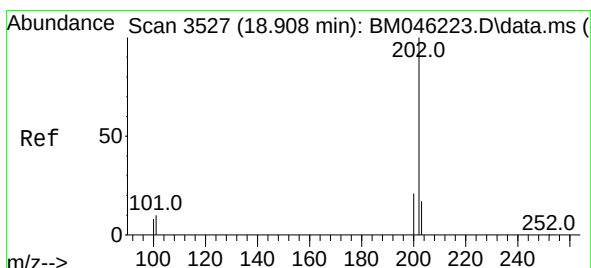
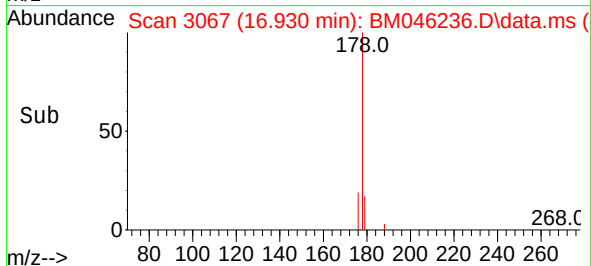
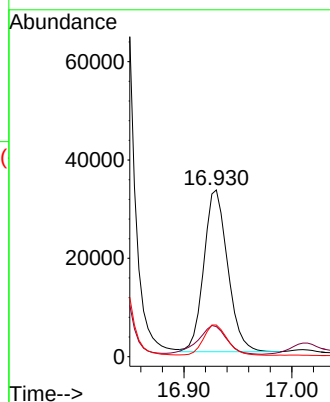
Tgt Ion:178 Resp: 50370

Ion Ratio Lower Upper

178 100

179 18.1 14.2 21.2

176 19.0 17.1 25.7



#19

Fluoranthene

Concen: 17.506 ng/ul

RT: 18.863 min Scan# 3517

Delta R.T. -0.055 min

Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

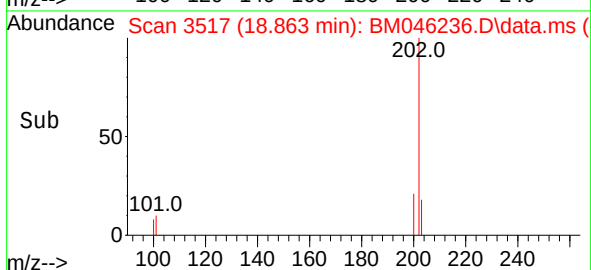
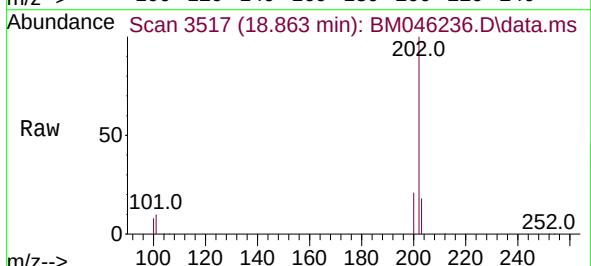
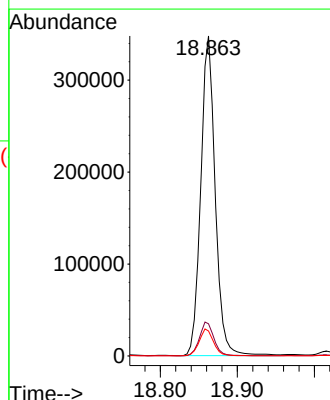
Tgt Ion:202 Resp: 454102

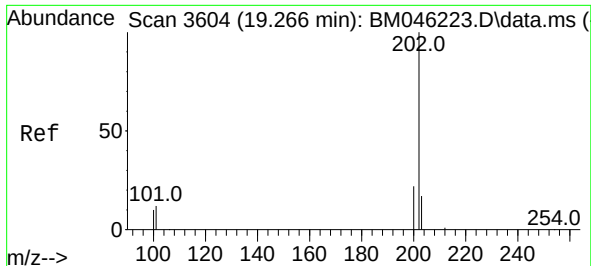
Ion Ratio Lower Upper

202 100

101 10.1 9.6 14.4

100 7.8 7.6 11.4

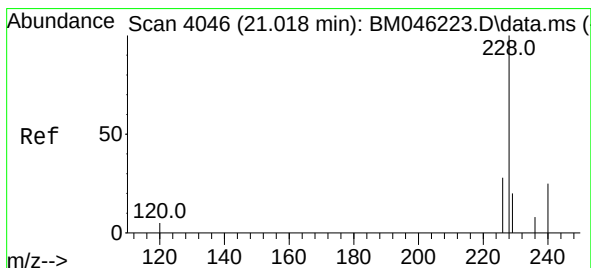
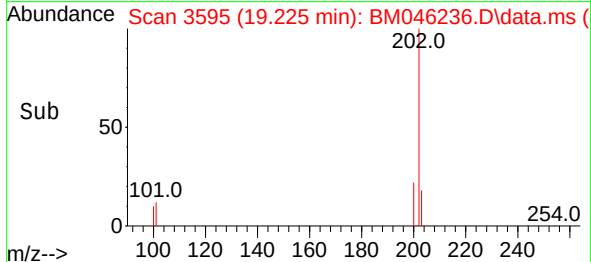
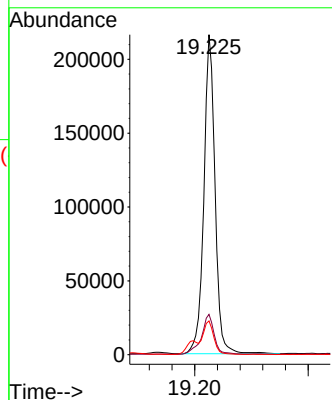
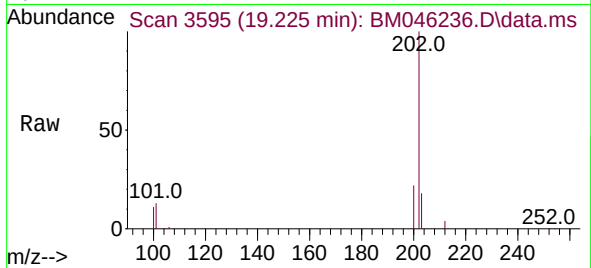




#20
Pyrene
Concen: 10.550 ng/ul
RT: 19.225 min Scan# 30
Delta R.T. -0.050 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

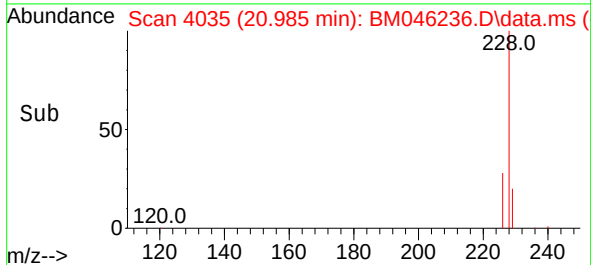
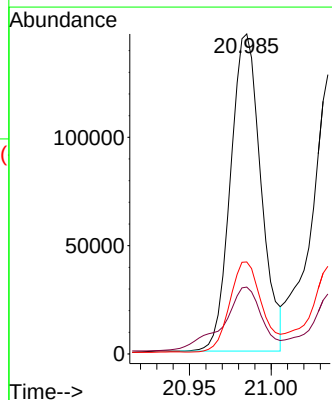
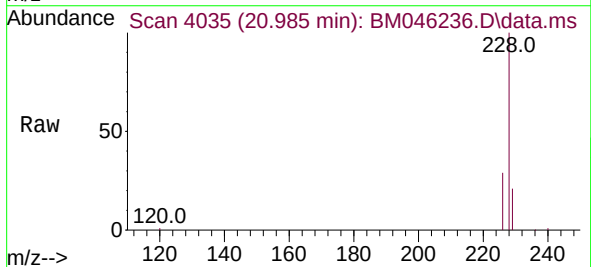
Instrument :
BNA_M
ClientSampleId :

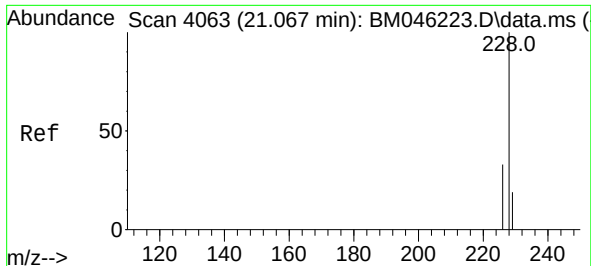
Tgt Ion:202 Resp: 295961
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.5 9.8 14.6



#21
Benzo(a)anthracene
Concen: 8.203 ng/ul
RT: 20.985 min Scan# 4035
Delta R.T. -0.044 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

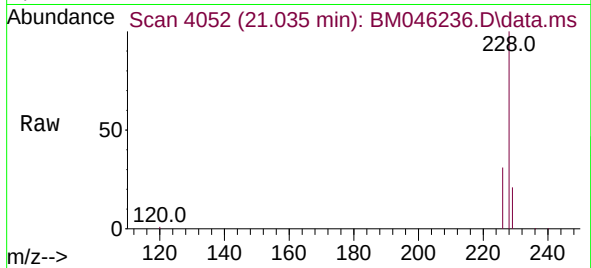
Tgt Ion:228 Resp: 189837
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 28.8 23.4 35.2



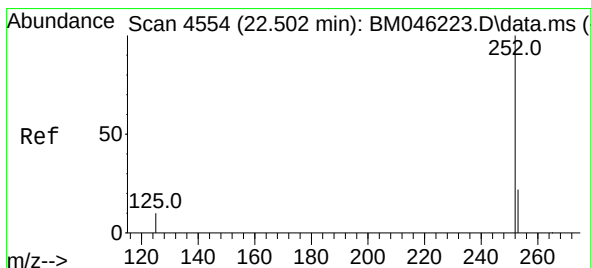
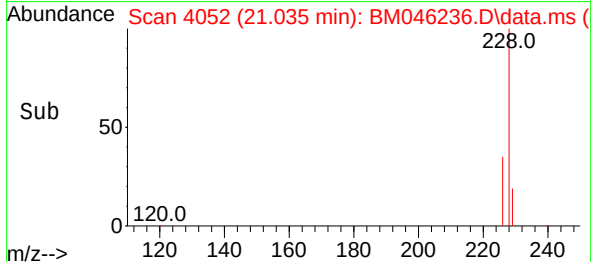
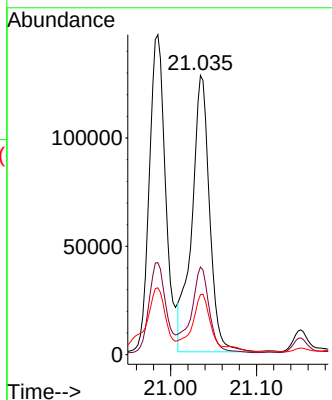


#22
Chrysene
Concen: 6.204 ng/ul
RT: 21.035 min Scan# 4063
Delta R.T. -0.041 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :

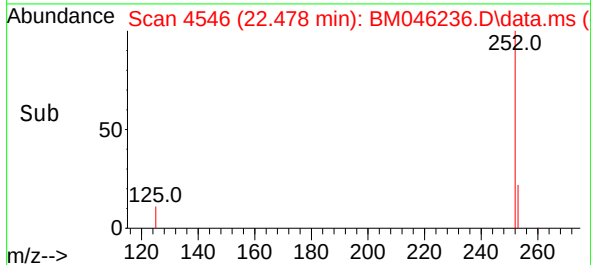
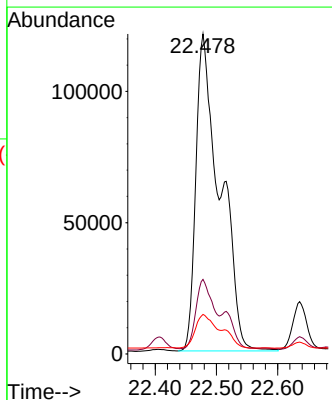
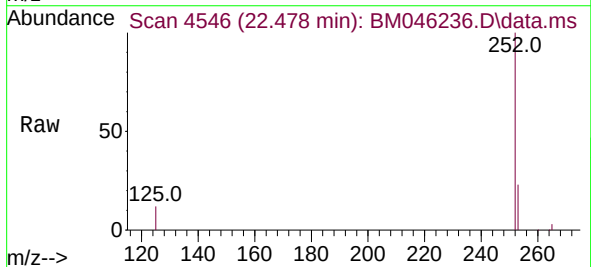


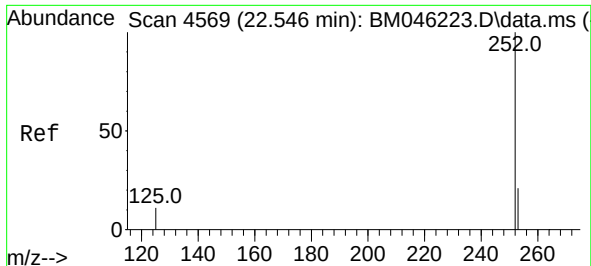
Tgt Ion:228 Resp: 183228
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.5 16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 9.001 ng/ul
RT: 22.478 min Scan# 4546
Delta R.T. -0.041 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Tgt Ion:252 Resp: 330574
Ion Ratio Lower Upper
252 100
253 23.3 0.0 65.8
125 12.3 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.640 ng/ul

RT: 22.636 min Scan# 4

Delta R.T. 0.073 min

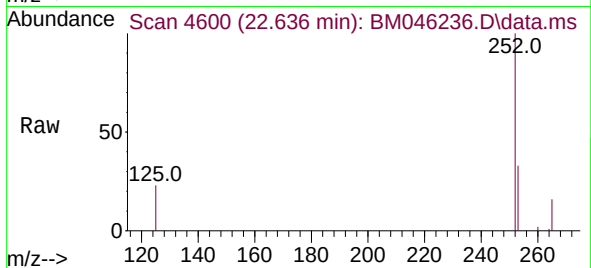
Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

Instrument :

BNA_M

ClientSampleId :



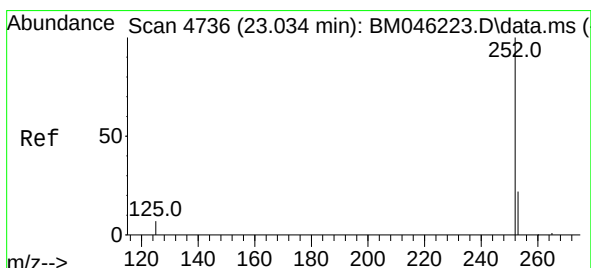
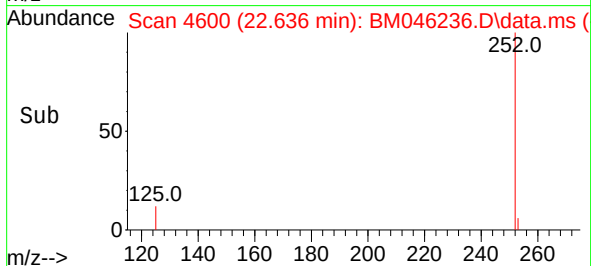
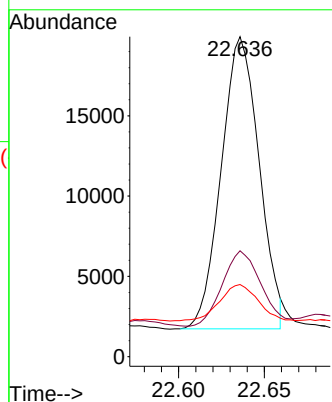
Tgt Ion:252 Resp: 27944

Ion Ratio Lower Upper

252 100

253 33.1 27.2 40.8

125 22.6 16.6 25.0



#26

Benzo(a)pyrene

Concen: 2.164 ng/ul

RT: 23.001 min Scan# 4725

Delta R.T. -0.053 min

Lab File: BM046236.D

Acq: 23 Jun 2024 15:40

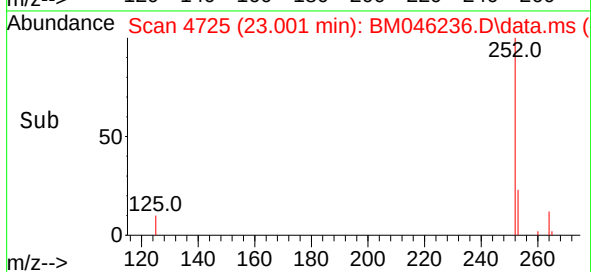
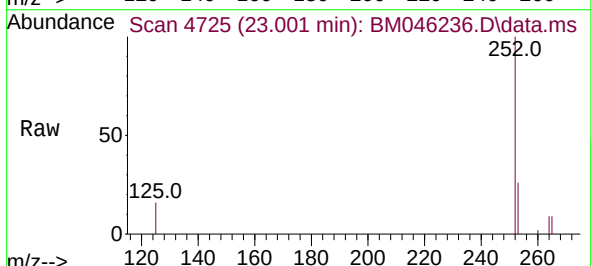
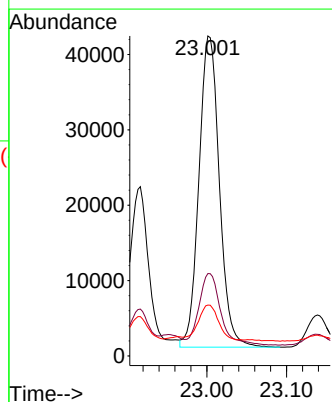
Tgt Ion:252 Resp: 73647

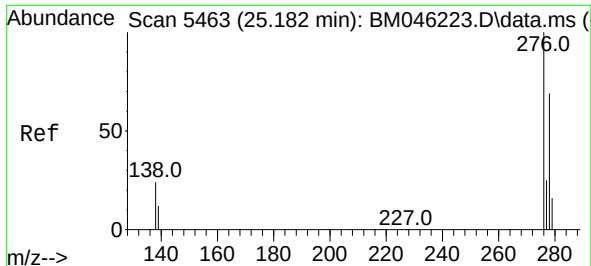
Ion Ratio Lower Upper

252 100

253 25.8 32.1 48.1#

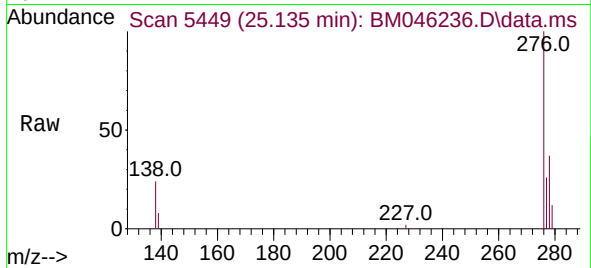
125 15.9 21.2 31.8#



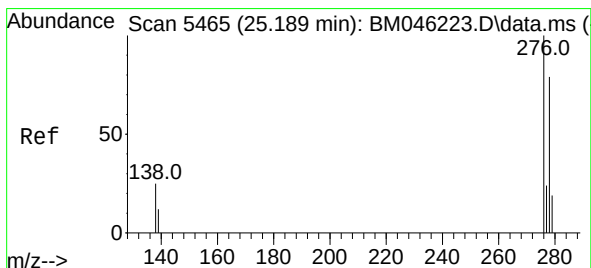
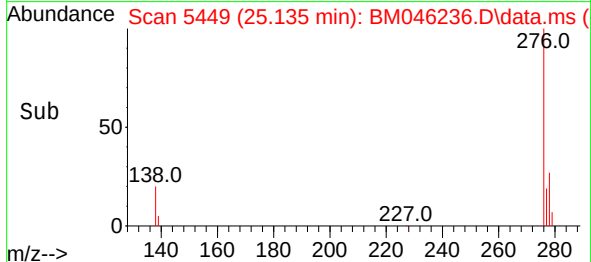
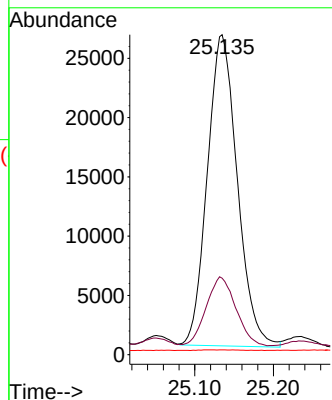


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.250 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.068 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :

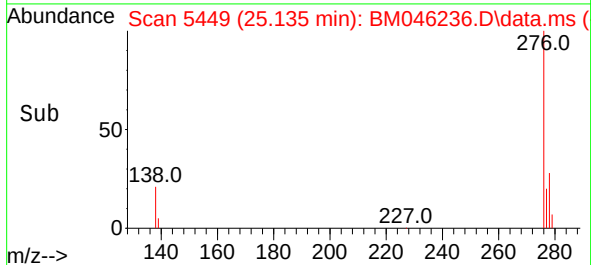
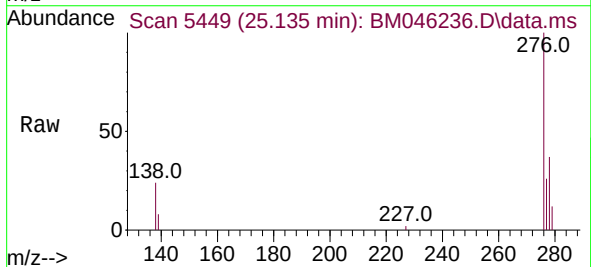
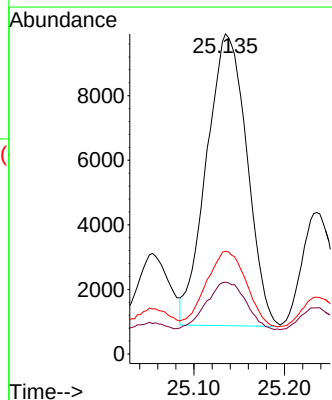


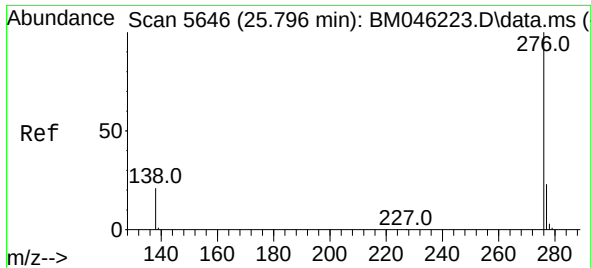
Tgt Ion:276 Resp: 69603
Ion Ratio Lower Upper
276 100
138 21.9 21.0 31.4
227 0.3 0.0 0.0#



#28
Dibenzo(a,h)anthracene
Concen: 0.676 ng/ul
RT: 25.135 min Scan# 5449
Delta R.T. -0.081 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

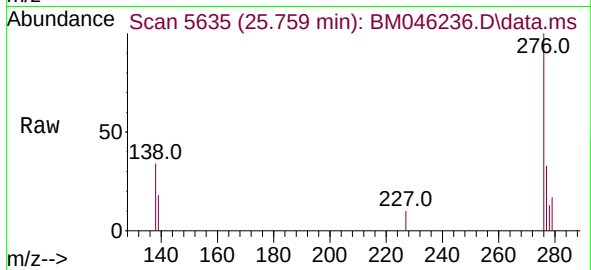
Tgt Ion:278 Resp: 28013
Ion Ratio Lower Upper
278 100
139 22.4 17.6 26.4
279 32.1 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul
RT: 25.759 min Scan# 5
Delta R.T. -0.071 min
Lab File: BM046236.D
Acq: 23 Jun 2024 15:40

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:276 Resp: 10351
Ion Ratio Lower Upper
276 100
138 33.8 21.7 32.5#
277 33.0 20.4 30.6#

