

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039786.D
 Acq On : 01 May 2023 20:25
 Operator : CG/JU
 Sample : 02417-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y1

Quant Time: May 02 01:27:21 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

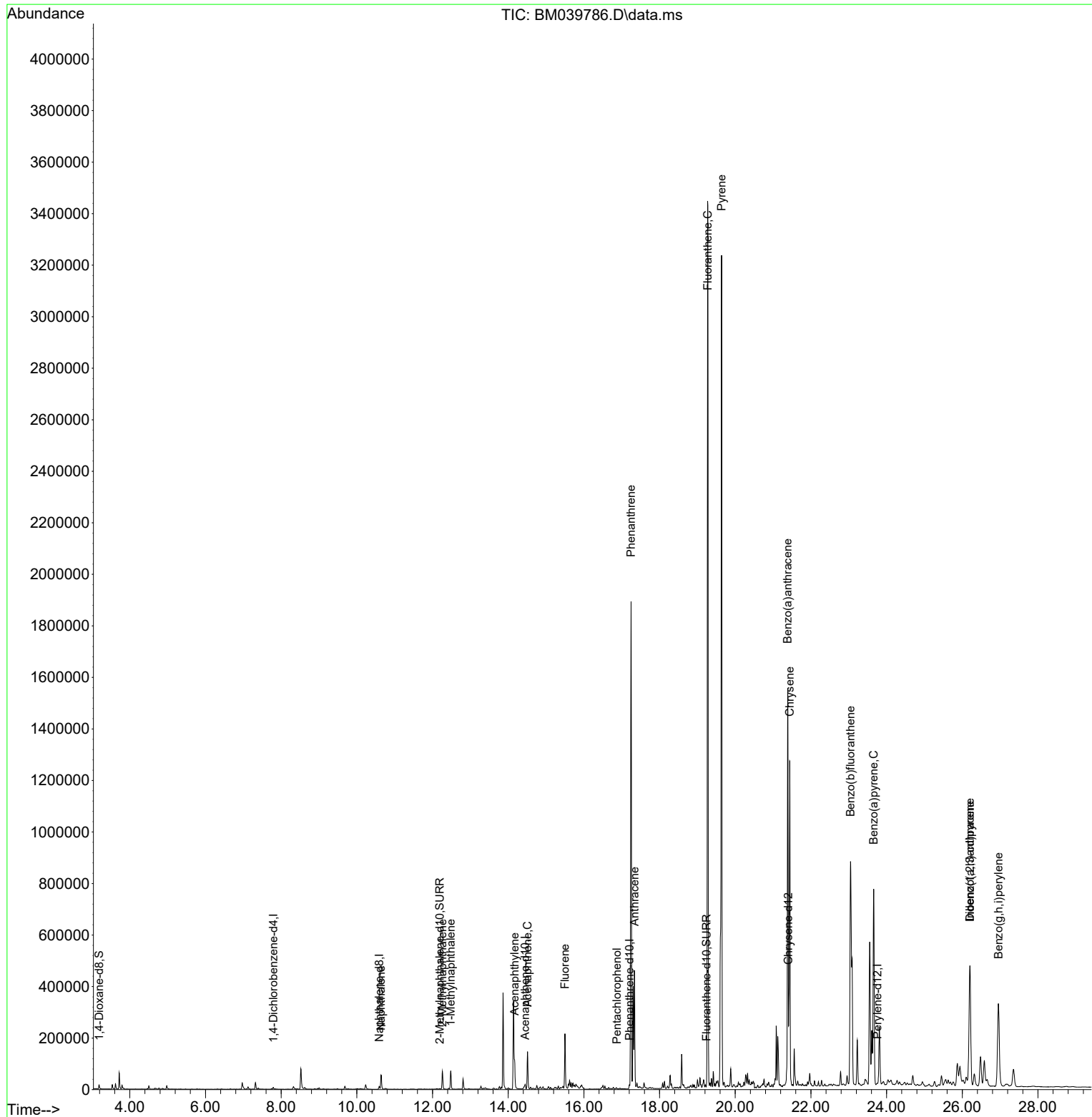
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4204	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.589	136	15836	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	18623	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.404	240	7917	0.400	ng/ul	# 0.00
23) Perylene-d12	23.757	264	11714	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	10219	1.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	3525	0.174	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	5528	0.259	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	76772	1.931	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	51008	2.222	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	48755	1.980	ng/ul	100
10) Acenaphthylene	14.168	152	139259	3.796	ng/ul	99
11) Acenaphthene	14.511	153	82096	2.849	ng/ul	98
12) Fluorene	15.501	166	134152	4.196	ng/ul	98
14) Pentachlorophenol	16.875	266	266	0.066	ng/ul	95
15) Phenanthrene	17.246	178	2072220	42.236	ng/ul	99
16) Anthracene	17.335	178	463650	11.006	ng/ul	97
19) Fluoranthene	19.276	202	3055906	108.194	ng/ul	99
20) Pyrene	19.638	202	2794675	91.624	ng/ul	99
21) Benzo(a)anthracene	21.386	228	1361013	59.792	ng/ul	98
22) Chrysene	21.439	228	1221282	47.410	ng/ul	98
24) Benzo(b)fluoranthene	23.046	252	1604300	38.997	ng/ul	92
26) Benzo(a)pyrene	23.657	252	1088832	29.479	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.199	276	778071	16.660	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.202	278	217709	6.006	ng/ul	97
29) Benzo(g,h,i)perylene	26.954	276	715326	17.577	ng/ul	97

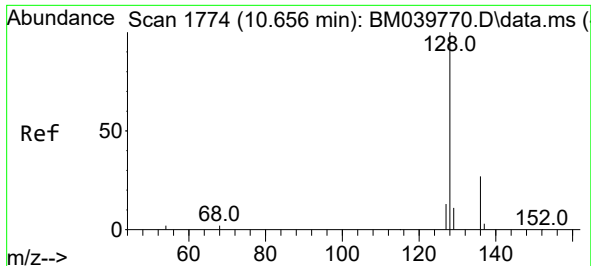
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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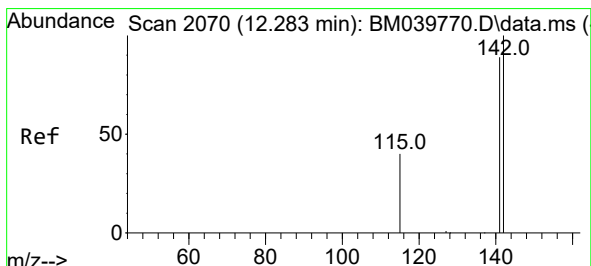
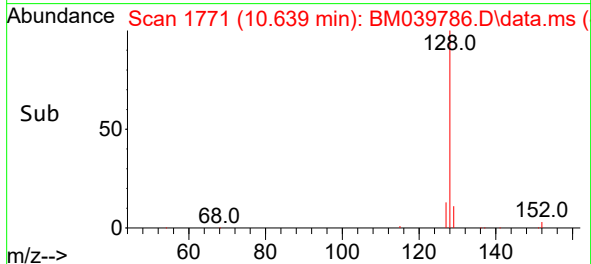
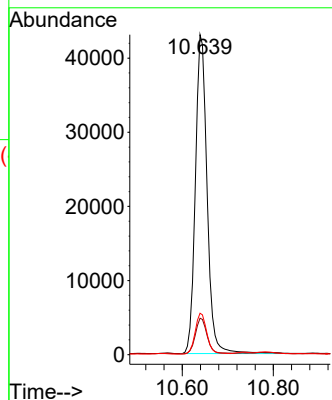
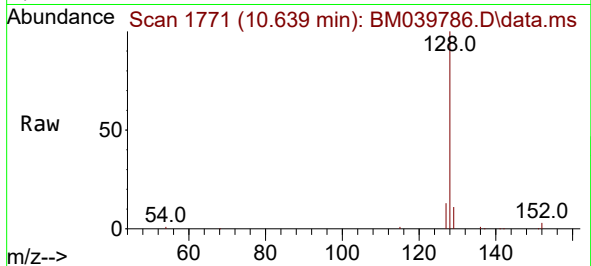




#5
Naphthalene
Concen: 1.931 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.016 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

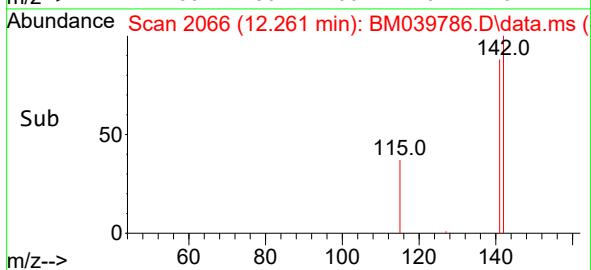
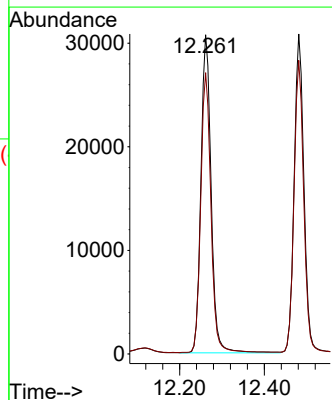
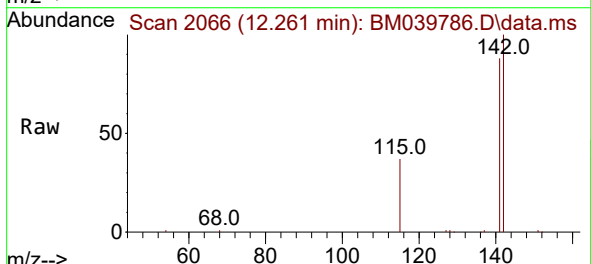
Instrument :
BNA_M
ClientSampleId :
EW8Y1

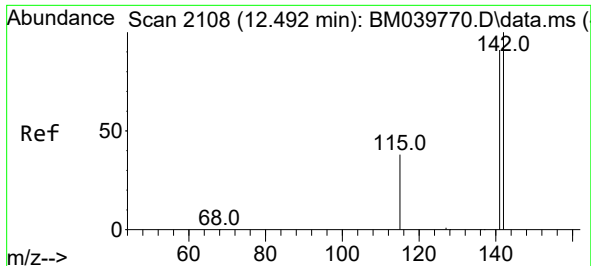
Tgt Ion:128 Resp: 76772
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 13.0 11.1 16.7



#7
2-Methylnaphthalene
Concen: 2.222 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.016 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

Tgt Ion:142 Resp: 51008
Ion Ratio Lower Upper
142 100
141 88.0 73.2 109.8

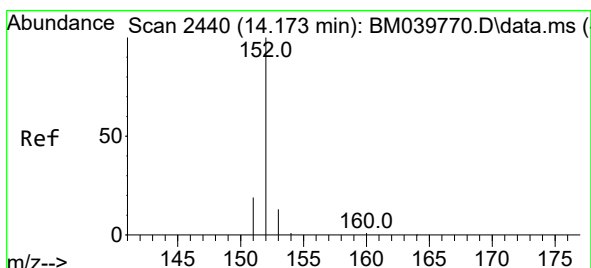
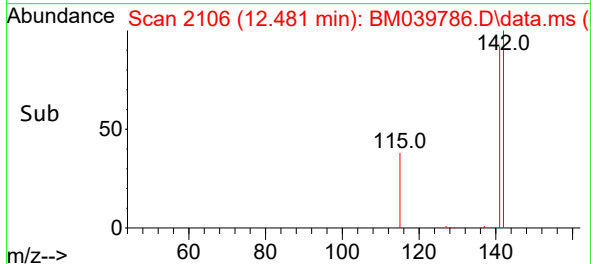
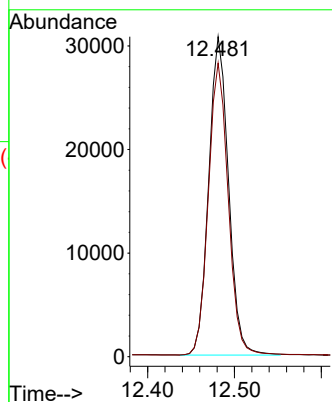
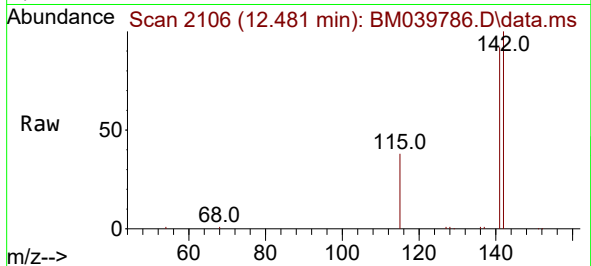




#8
1-Methylnaphthalene
Concen: 1.980 ng/ul
RT: 12.481 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

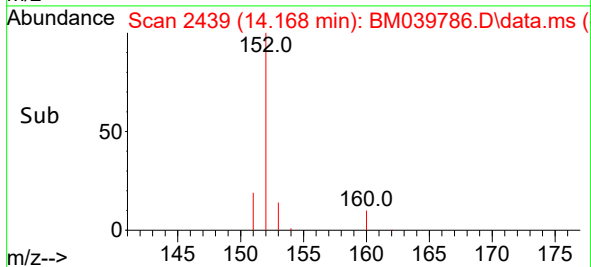
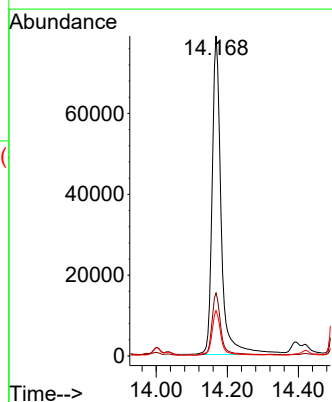
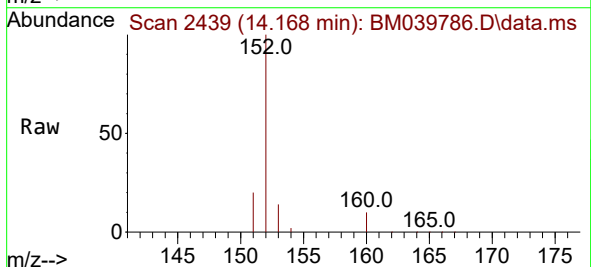
Instrument :
BNA_M
ClientSampleId :
EW8Y1

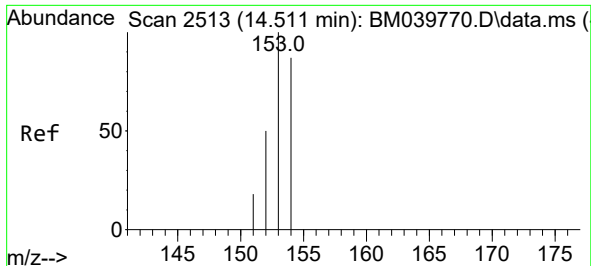
Tgt Ion:142 Resp: 48755
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2



#10
Acenaphthylene
Concen: 3.796 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

Tgt Ion:152 Resp: 139259
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 14.2 11.2 16.8

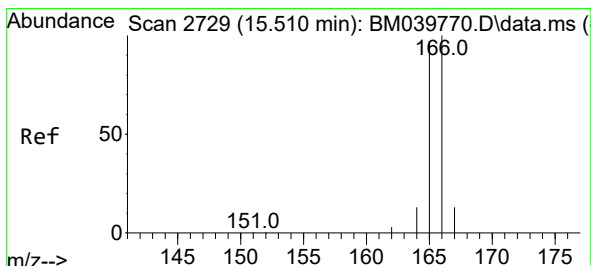
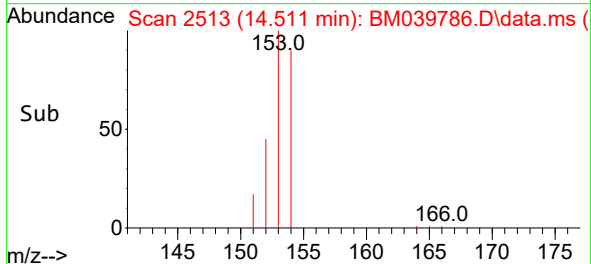
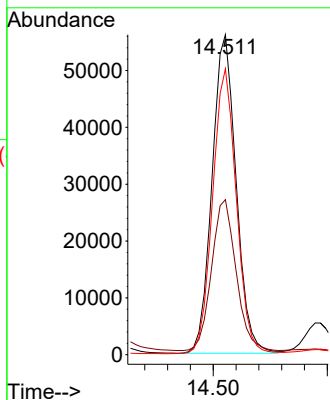
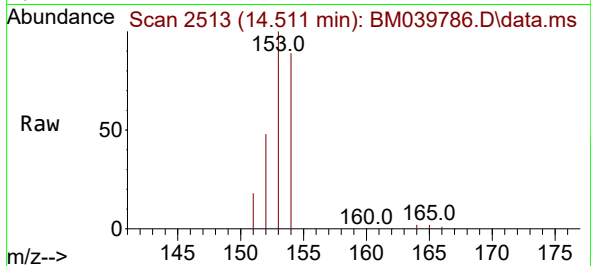




#11
Acenaphthene
Concen: 2.849 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

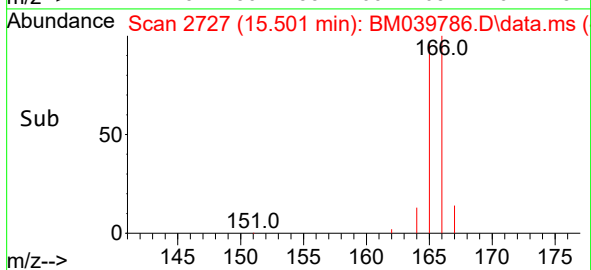
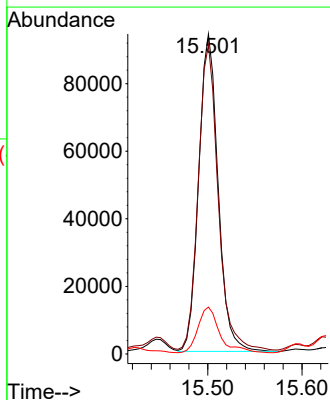
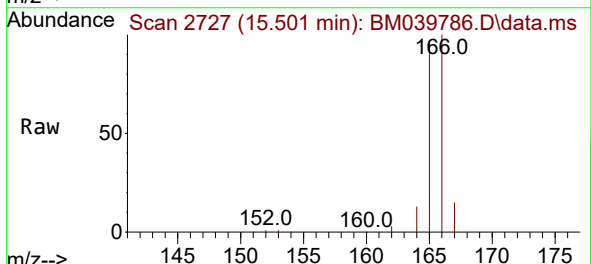
Instrument :
BNA_M
ClientSampleId :
EW8Y1

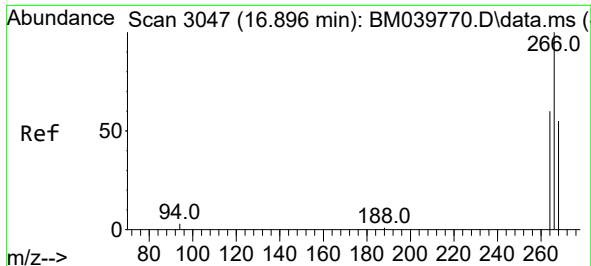
Tgt Ion:153 Resp: 82096
Ion Ratio Lower Upper
153 100
152 48.4 40.6 61.0
154 89.3 71.9 107.9



#12
Fluorene
Concen: 4.196 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

Tgt Ion:166 Resp: 134152
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 14.7 11.8 17.6

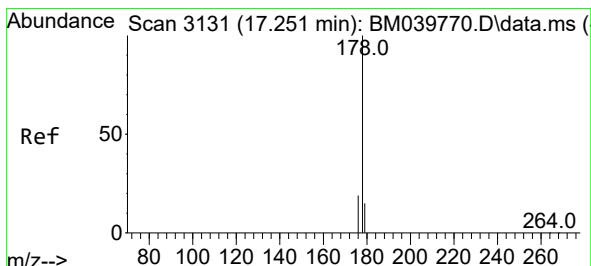
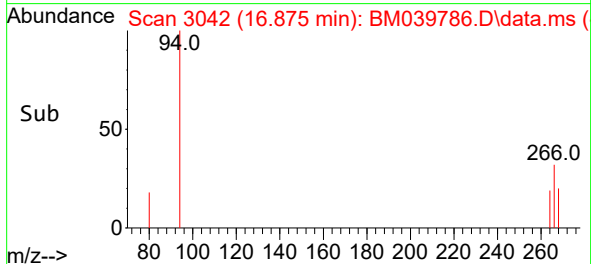
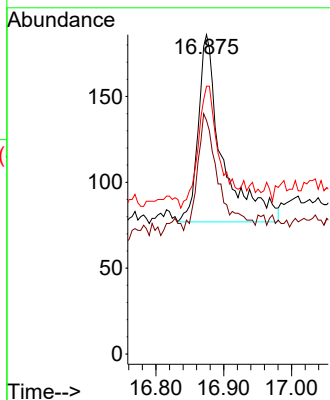
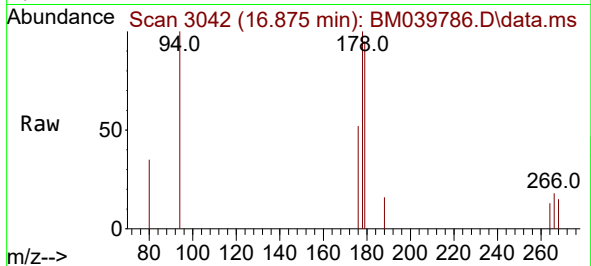




#14
 Pentachlorophenol
 Concen: 0.066 ng/ul
 RT: 16.875 min Scan# 3042
 Delta R.T. -0.013 min
 Lab File: BM039786.D
 Acq: 01 May 2023 20:25

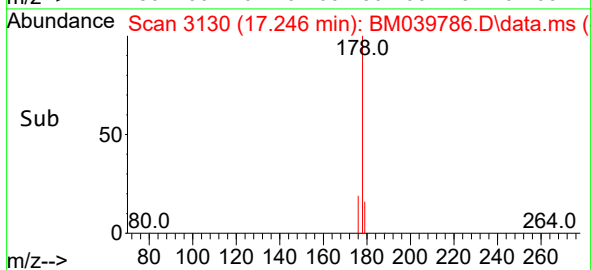
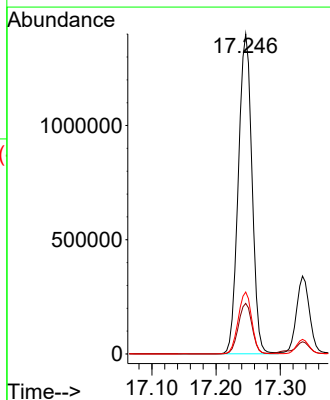
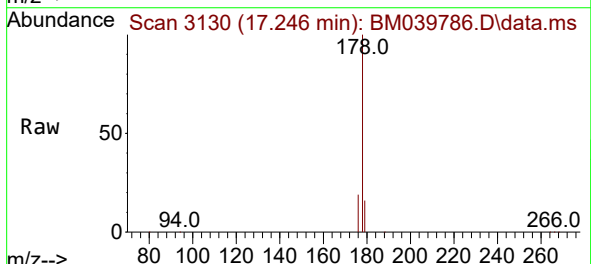
Instrument :
 BNA_M
 ClientSampleId :
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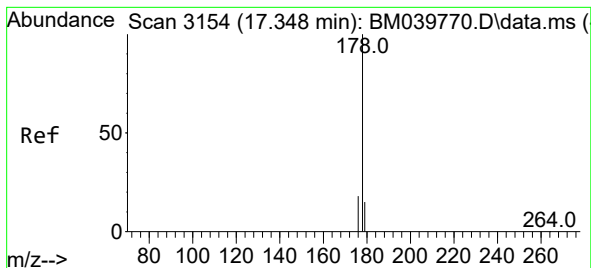
Tgt Ion:266 Resp: 266
 Ion Ratio Lower Upper
 266 100
 264 56.0 48.8 73.2
 268 66.2 50.4 75.6



#15
 Phenanthrene
 Concen: 42.236 ng/ul
 RT: 17.246 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BM039786.D
 Acq: 01 May 2023 20:25

Tgt Ion:178 Resp: 2072220
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.6
 176 19.3 15.8 23.8





#16

Anthracene

Concen: 11.006 ng/ul

RT: 17.335 min Scan# 31

Delta R.T. -0.008 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

Instrument :

BNA_M

ClientSampleId :

EW8Y1

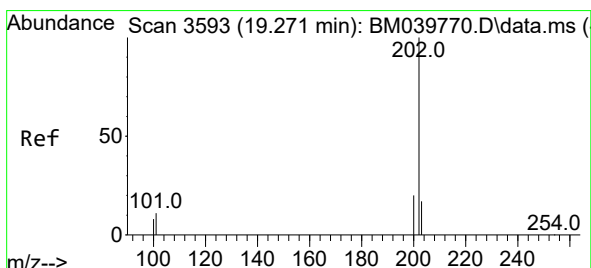
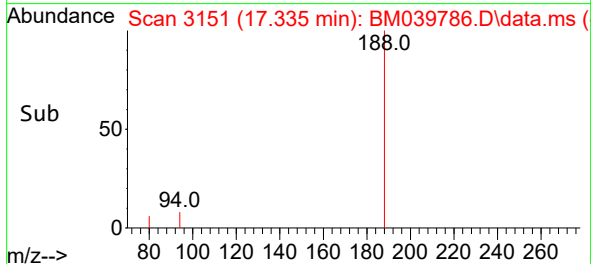
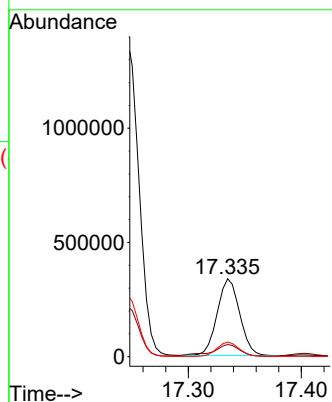
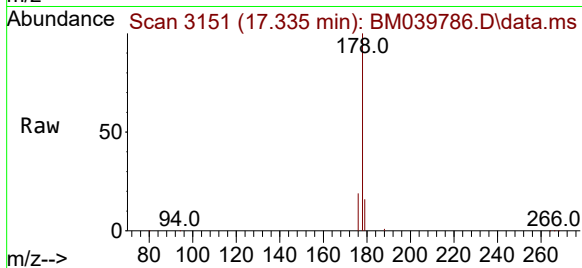
Tgt Ion:178 Resp: 463650

Ion Ratio Lower Upper

178 100

179 15.6 13.8 20.6

176 18.6 15.8 23.8



#19

Fluoranthene

Concen: 108.194 ng/ul

RT: 19.276 min Scan# 3594

Delta R.T. 0.009 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

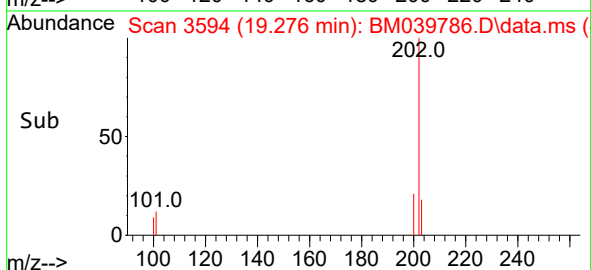
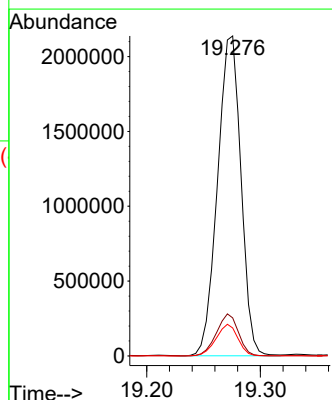
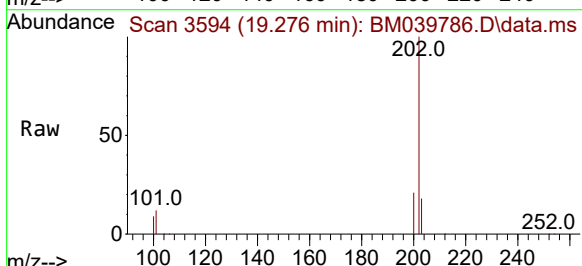
Tgt Ion:202 Resp: 3055906

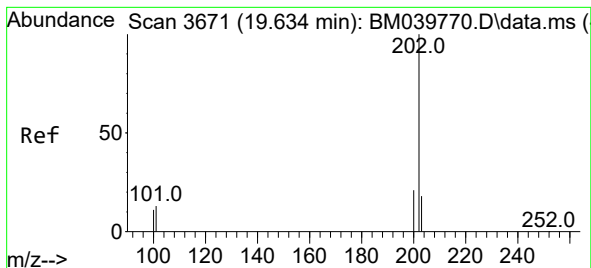
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 8.8 7.3 10.9





#20

Pyrene

Concen: 91.624 ng/ul

RT: 19.638 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

Instrument :

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ClientSampleId :

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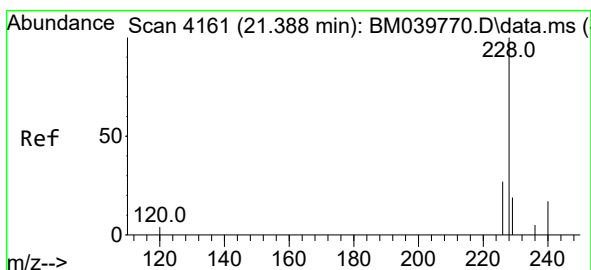
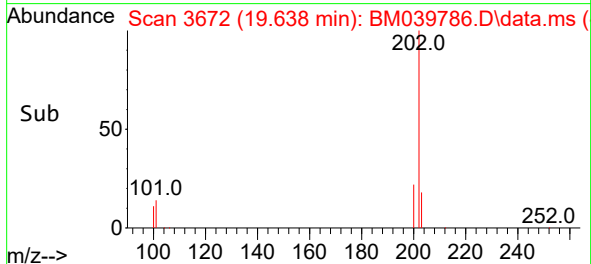
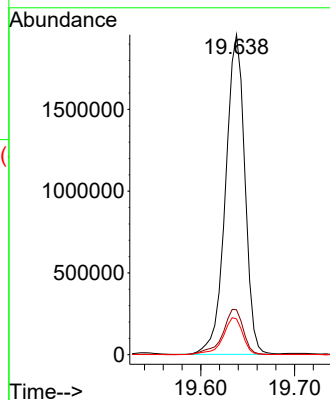
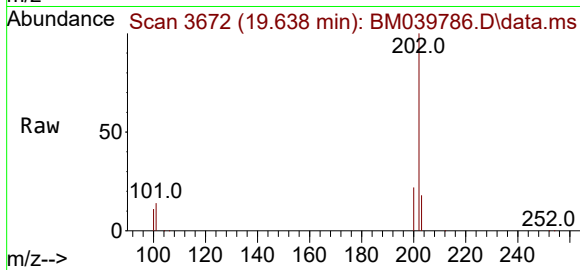
Tgt Ion:202 Resp: 2794675

Ion Ratio Lower Upper

202 100

101 14.0 10.9 16.3

100 11.2 8.9 13.3



#21

Benzo(a)anthracene

Concen: 59.792 ng/ul

RT: 21.386 min Scan# 4160

Delta R.T. 0.003 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

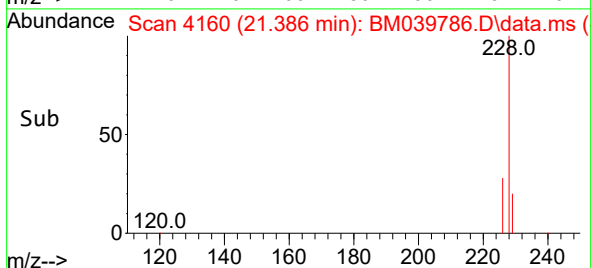
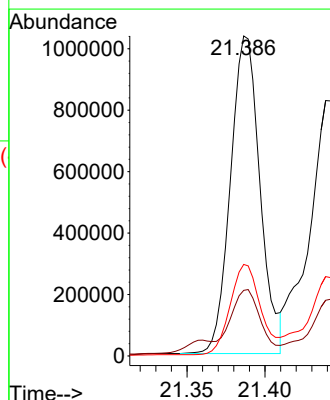
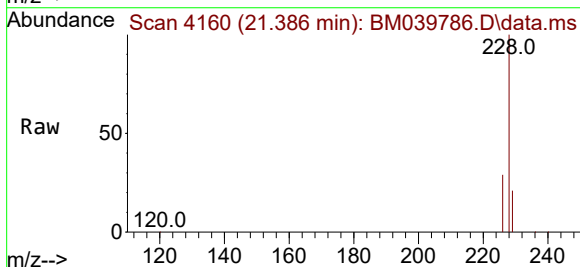
Tgt Ion:228 Resp: 1361013

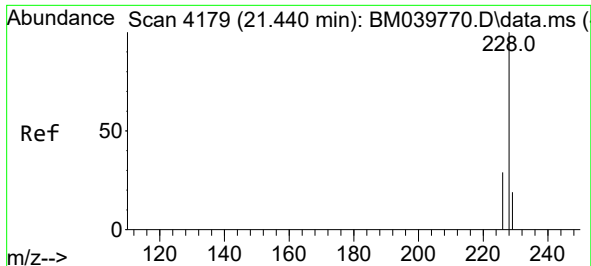
Ion Ratio Lower Upper

228 100

229 20.5 16.2 24.2

226 28.6 21.6 32.4





#22

Chrysene

Concen: 47.410 ng/ul

RT: 21.439 min Scan# 4179

Delta R.T. 0.003 min

Lab File: BM039786.D

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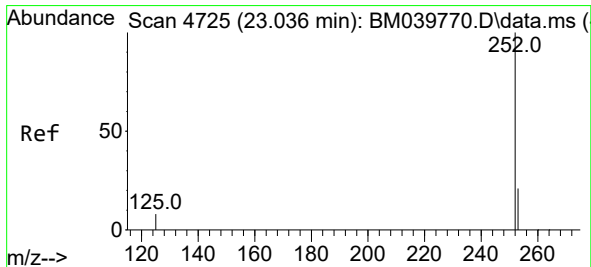
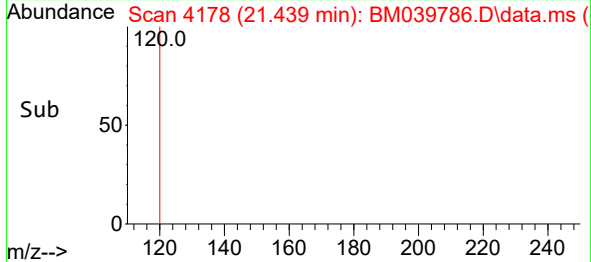
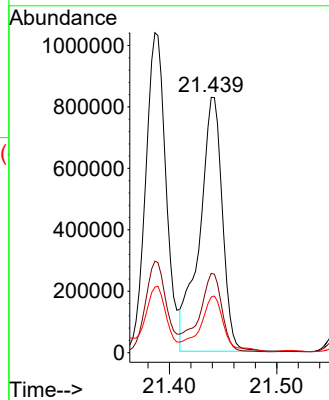
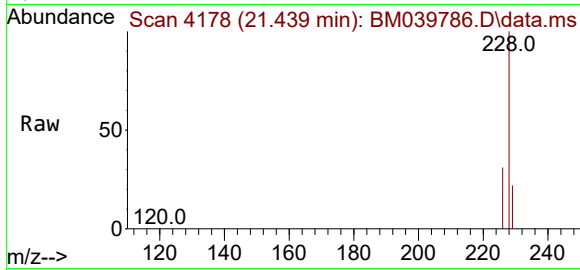
Tgt Ion:228 Resp: 1221282

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 21.8 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 38.997 ng/ul

RT: 23.046 min Scan# 4728

Delta R.T. 0.015 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

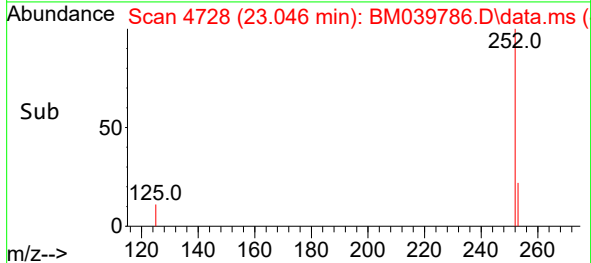
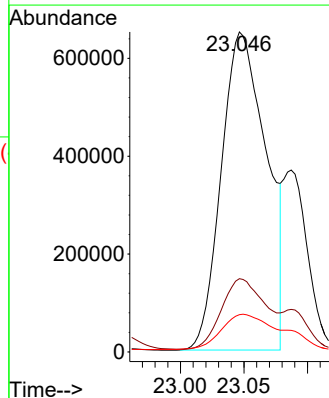
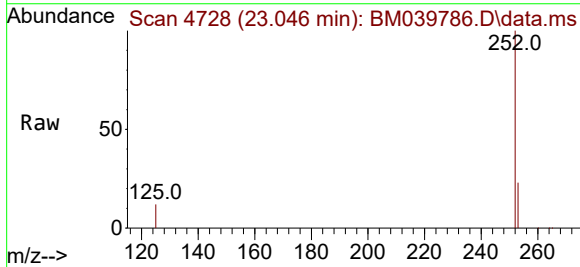
Tgt Ion:252 Resp: 1604300

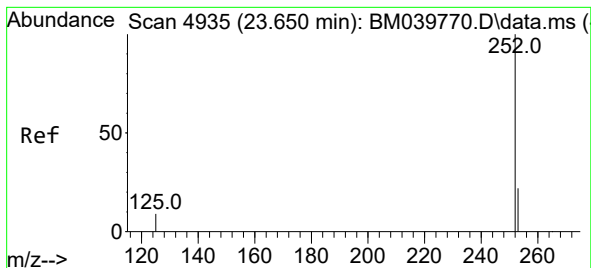
Ion Ratio Lower Upper

252 100

253 22.9 0.0 52.8

125 11.7 0.0 31.6





#26

Benzo(a)pyrene

Concen: 29.479 ng/ul

RT: 23.657 min Scan# 4935

Delta R.T. 0.015 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

Instrument :

BNA_M

ClientSampleId :

EW8Y1

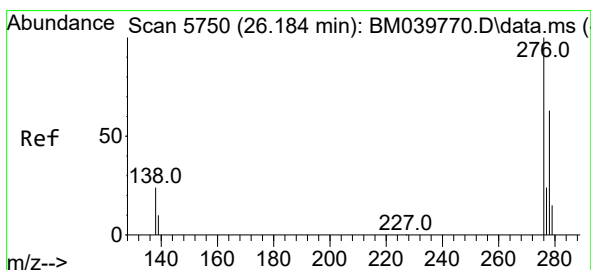
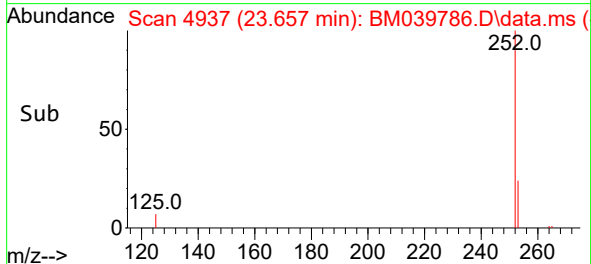
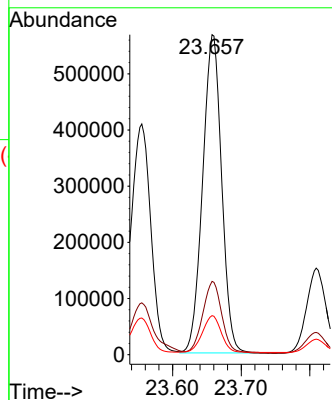
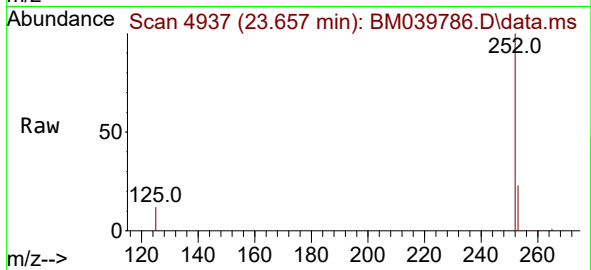
Tgt Ion:252 Resp: 1088832

Ion Ratio Lower Upper

252 100

253 22.9 24.7 37.1#

125 12.2 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 16.660 ng/ul

RT: 26.199 min Scan# 5754

Delta R.T. 0.020 min

Lab File: BM039786.D

Acq: 01 May 2023 20:25

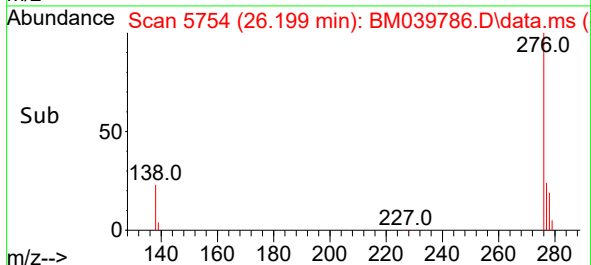
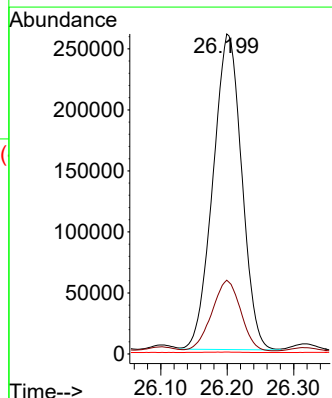
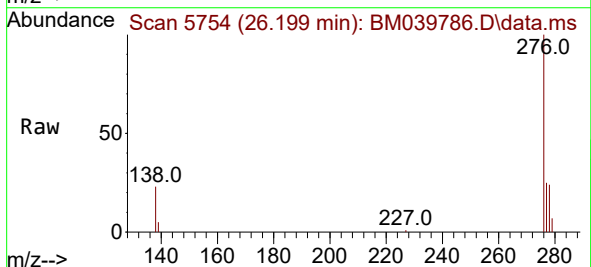
Tgt Ion:276 Resp: 778071

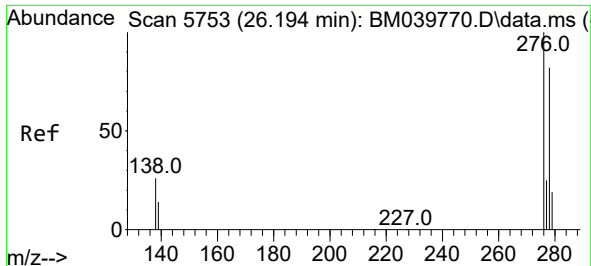
Ion Ratio Lower Upper

276 100

138 22.5 21.1 31.7

227 0.2 0.1 0.1#

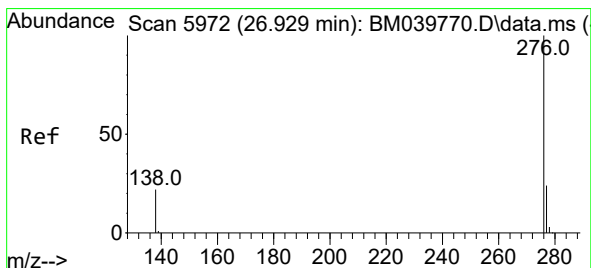
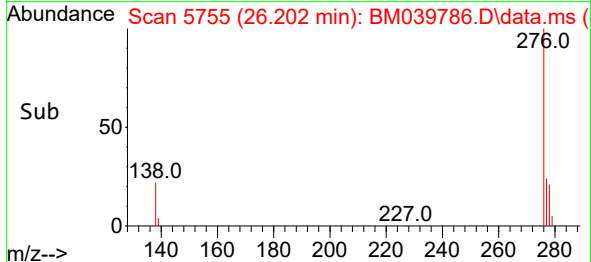
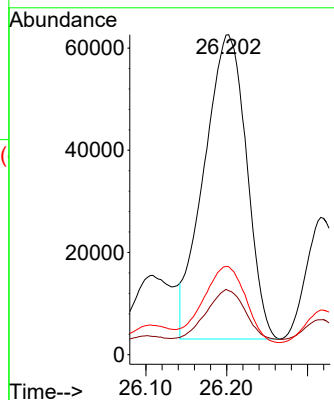
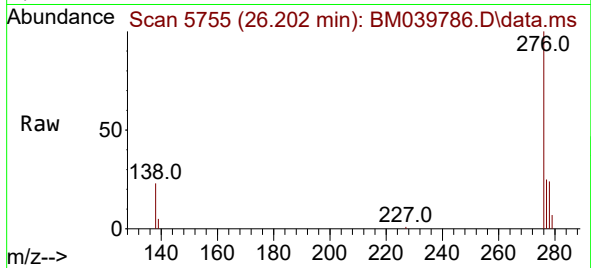




#28
Dibenzo(a,h)anthracene
Concen: 6.006 ng/ul
RT: 26.202 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

Instrument :
BNA_M
ClientSampleId :
EW8Y1

Tgt Ion:278 Resp: 217709
Ion Ratio Lower Upper
278 100
139 20.0 17.0 25.6
279 27.5 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 17.577 ng/ul
RT: 26.954 min Scan# 5979
Delta R.T. 0.034 min
Lab File: BM039786.D
Acq: 01 May 2023 20:25

Tgt Ion:276 Resp: 715326
Ion Ratio Lower Upper
276 100
138 23.0 20.1 30.1
277 24.3 20.1 30.1

