

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040286.D
 Acq On : 16 Jun 2023 18:24
 Operator : MA/JU
 Sample : 03080-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH9

Quant Time: Jun 16 23:39:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

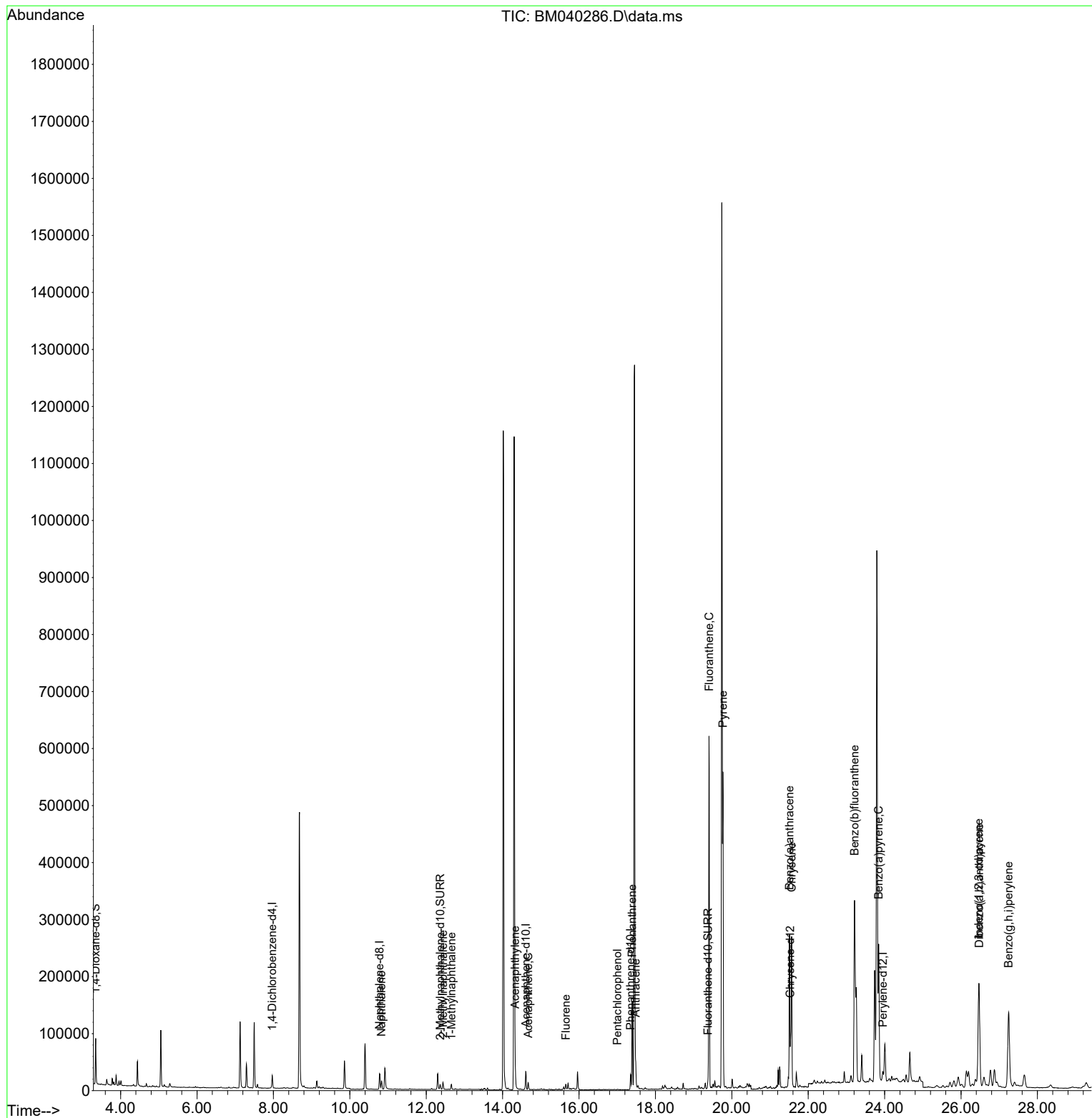
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	10801	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	37401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	17793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	29713	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	20842	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	22405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	45440	3.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	10807	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	14604	0.281	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.828	128	19794	0.223	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	8765	0.159	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	6322	0.110	ng/ul	98
10) Acenaphthylene	14.327	152	32146	0.516	ng/ul	99
11) Acenaphthene	14.670	153	7005	0.131	ng/ul	98
12) Fluorene	15.655	166	5783	0.097	ng/ul#	94
14) Pentachlorophenol	17.003	266	128	0.021	ng/ul	89
15) Phenanthrene	17.391	178	157478	2.016	ng/ul	99
16) Anthracene	17.484	178	36286	0.548	ng/ul	99
19) Fluoranthene	19.403	202	488326	6.878	ng/ul	99
20) Pyrene	19.765	202	434000	5.884	ng/ul	99
21) Benzo(a)anthracene	21.509	228	225539	3.666	ng/ul	97
22) Chrysene	21.564	228	280152	4.311	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	539434	6.531	ng/ul	92
26) Benzo(a)pyrene	23.844	252	330101	4.871	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.467	276	314125	3.661	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.477	278	75737	1.100	ng/ul	95
29) Benzo(g,h,i)perylene	27.245	276	291474	4.068	ng/ul	99

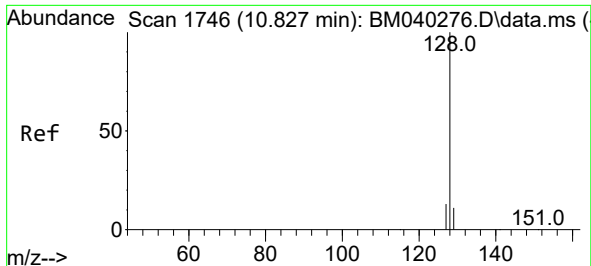
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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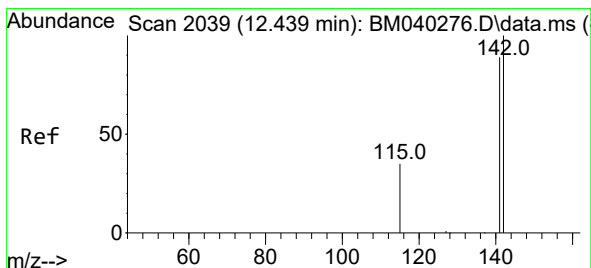
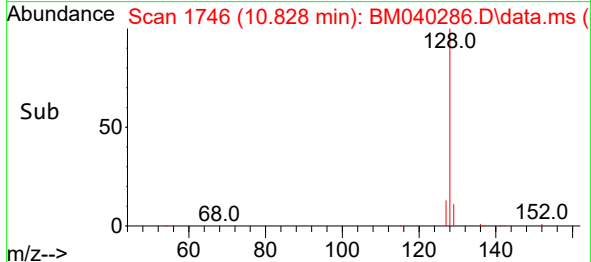
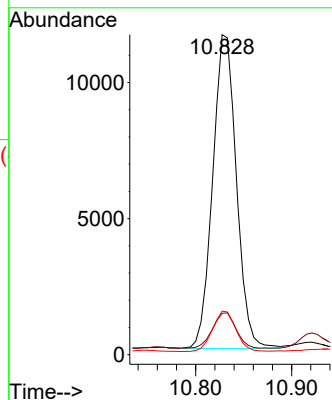
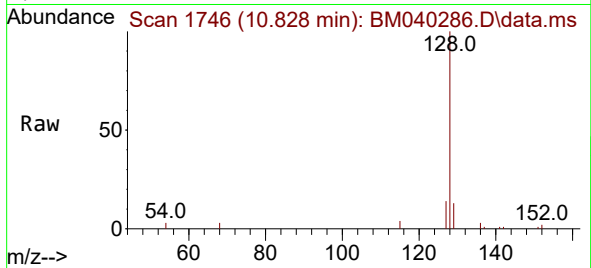




#5
Naphthalene
Concen: 0.223 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

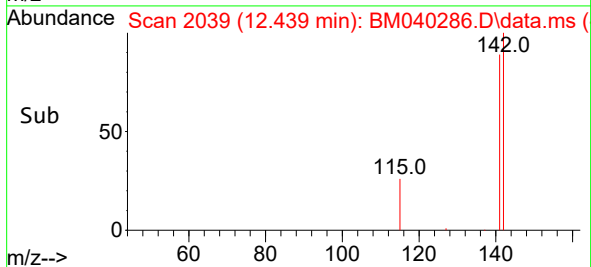
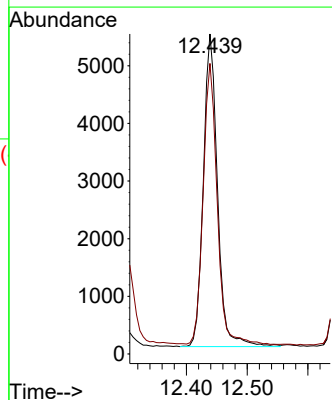
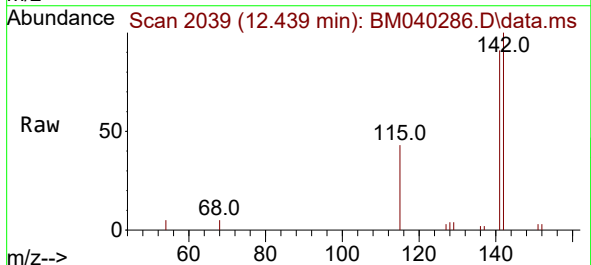
Instrument :
BNA_M
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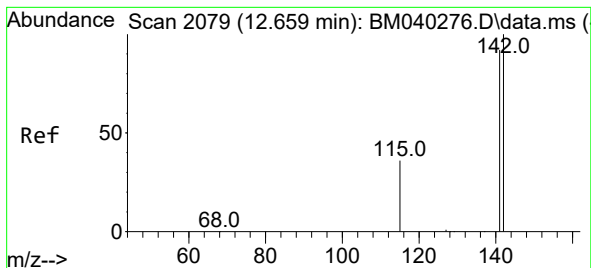
Tgt Ion:128 Resp: 19794
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 13.6 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:142 Resp: 8765
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.110 ng/ul

RT: 12.659 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

Instrument :

BNA_M

ClientSampleId :

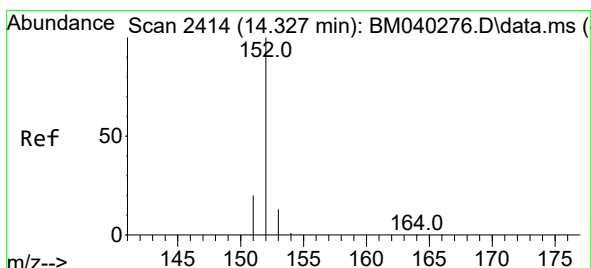
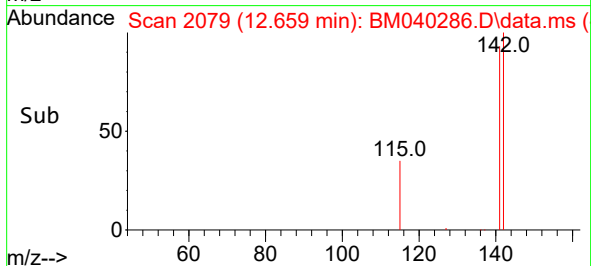
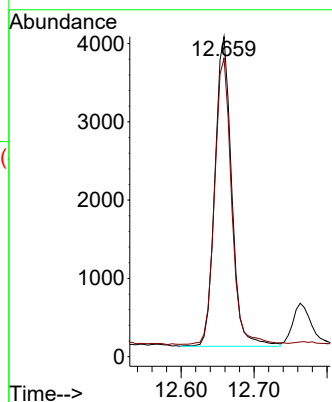
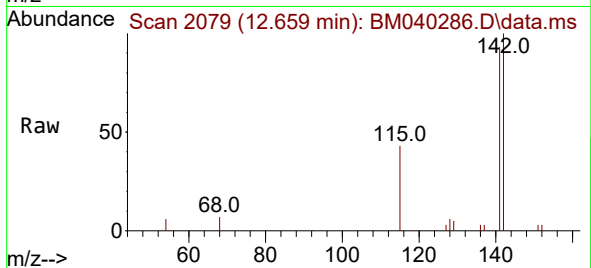
DCFH9

Tgt Ion:142 Resp: 6322

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.4



#10

Acenaphthylene

Concen: 0.516 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

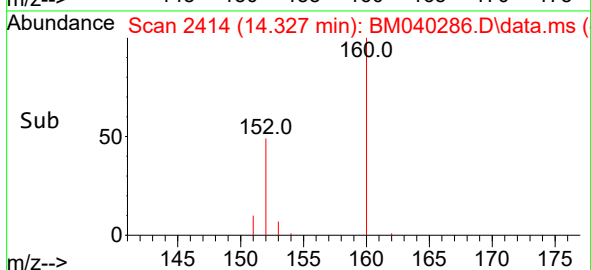
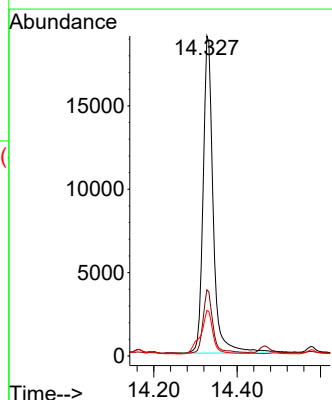
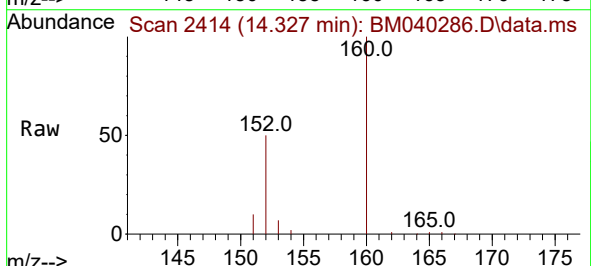
Tgt Ion:152 Resp: 32146

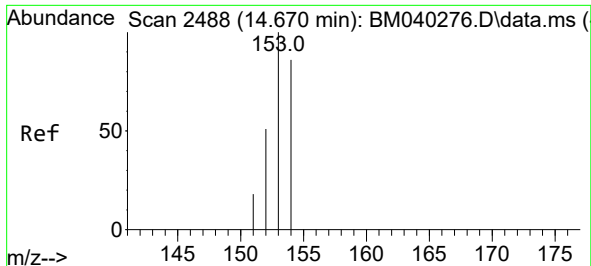
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.2 10.7 16.1

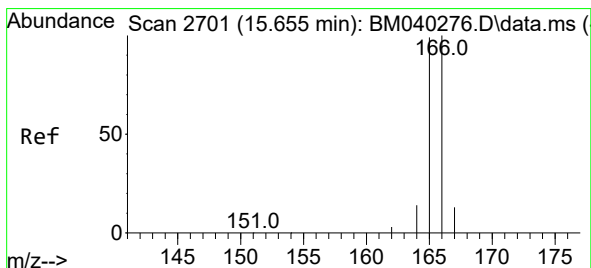
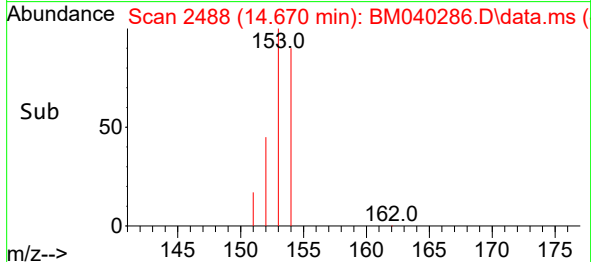
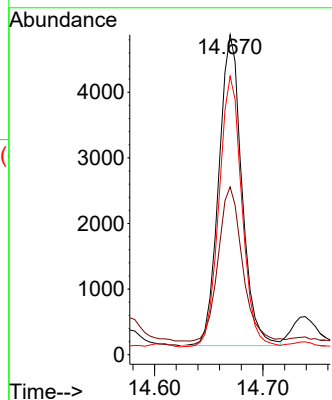
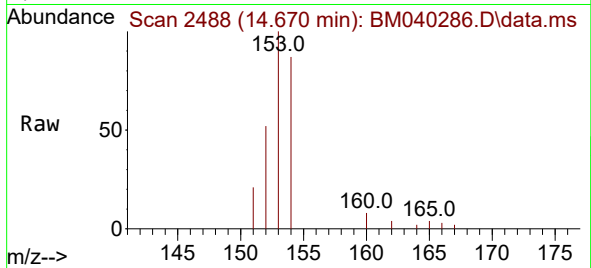




#11
Acenaphthene
Concen: 0.131 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

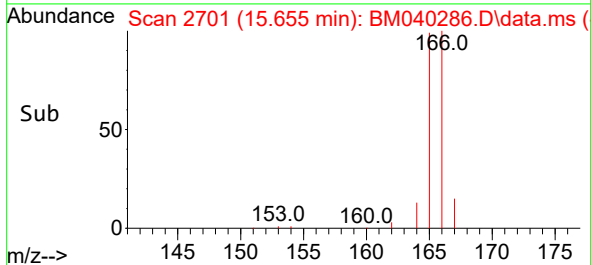
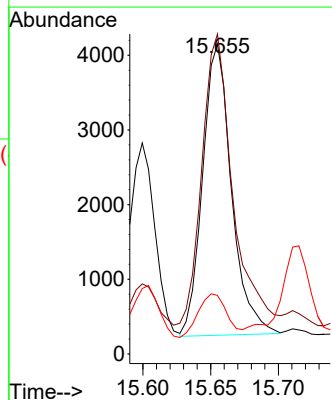
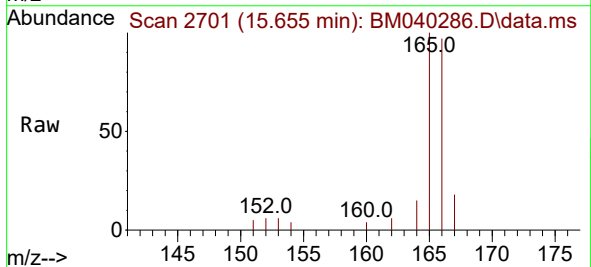
Instrument :
BNA_M
ClientSampleId :
DCFH9

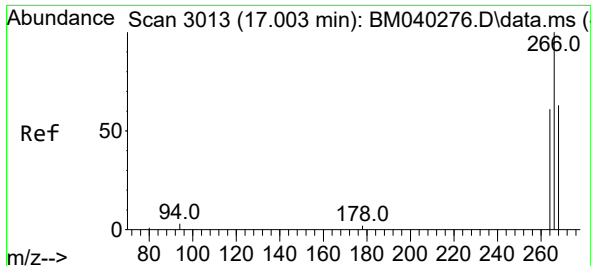
Tgt Ion:153 Resp: 7005
Ion Ratio Lower Upper
153 100
152 52.4 40.3 60.5
154 87.0 70.5 105.7



#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:166 Resp: 5783
Ion Ratio Lower Upper
166 100
165 103.3 78.2 117.4
167 18.9 11.0 16.4#

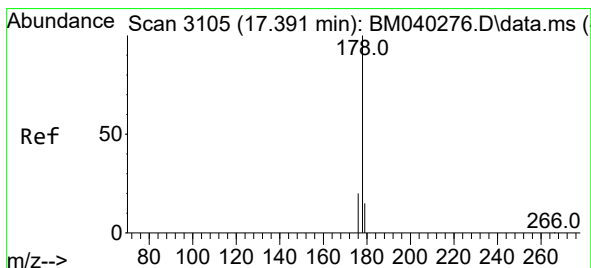
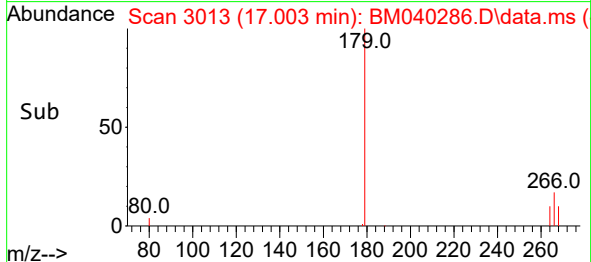
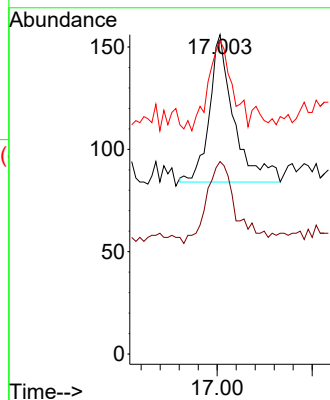
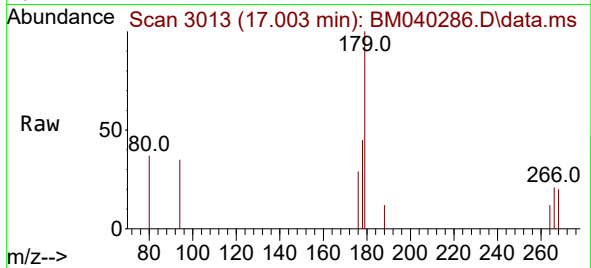




#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 17.003 min Scan# 3013
Delta R.T. -0.004 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

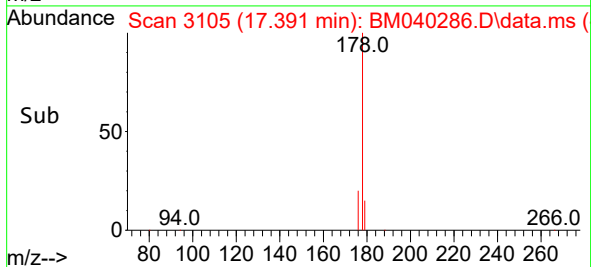
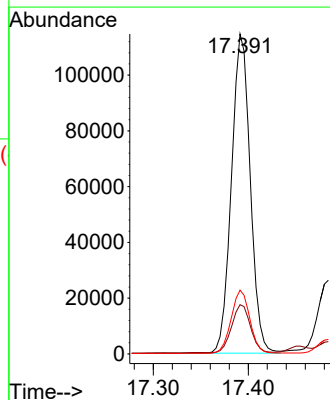
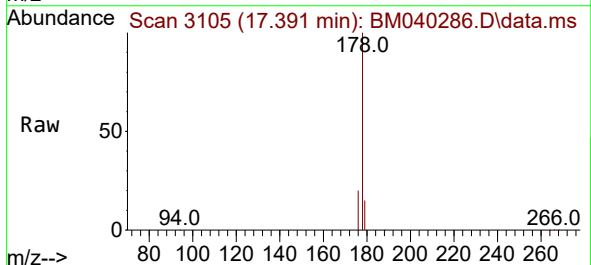
Instrument :
BNA_M
ClientSampleId :
DCFH9

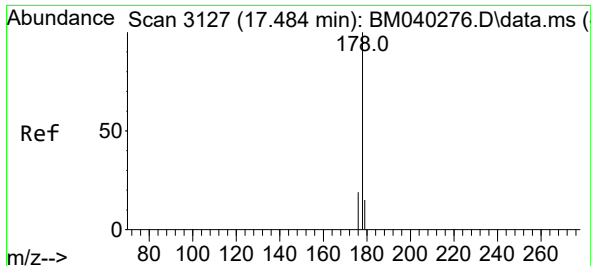
Tgt Ion:266 Resp: 128
Ion Ratio Lower Upper
266 100
264 71.1 49.4 74.0
268 57.0 51.3 76.9



#15
Phenanthrene
Concen: 2.016 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:178 Resp: 157478
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 20.0 16.1 24.1

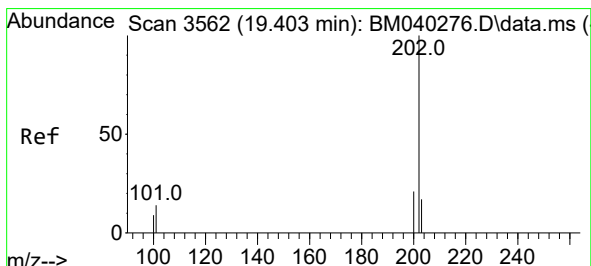
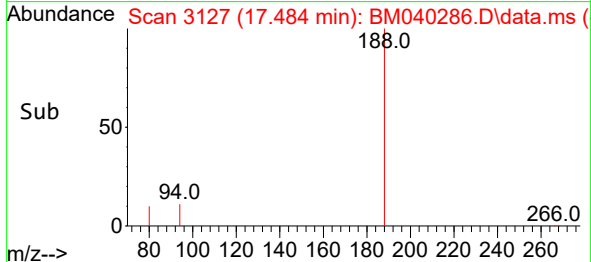
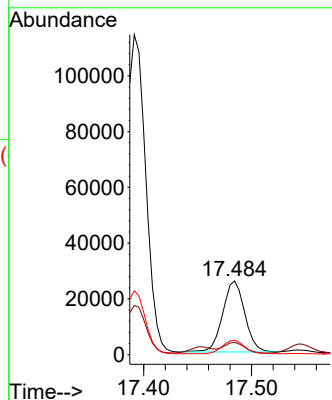
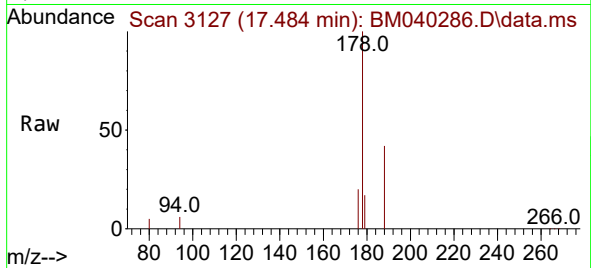




#16
 Anthracene
 Concen: 0.548 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040286.D
 Acq: 16 Jun 2023 18:24

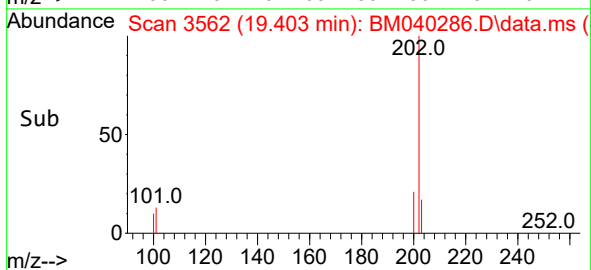
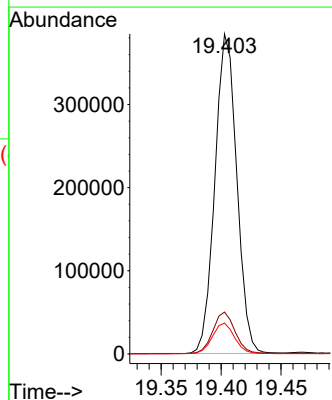
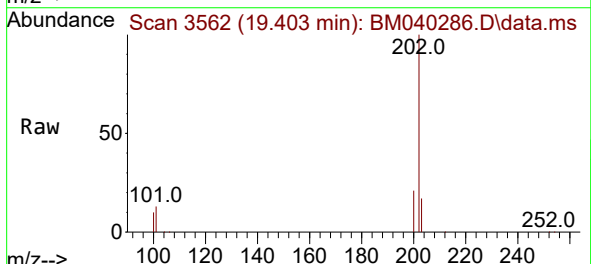
Instrument :
 BNA_M
 ClientSampleId :
 DCFH9

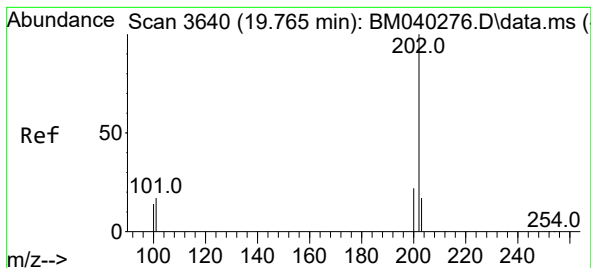
Tgt Ion:178 Resp: 36286
 Ion Ratio Lower Upper
 178 100
 179 16.8 13.0 19.4
 176 19.8 15.5 23.3



#19
 Fluoranthene
 Concen: 6.878 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040286.D
 Acq: 16 Jun 2023 18:24

Tgt Ion:202 Resp: 488326
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.2 15.4
 100 9.6 7.6 11.4





#20

Pyrene

Concen: 5.884 ng/ul

RT: 19.765 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

Instrument :

BNA_M

ClientSampleId :

DCFH9

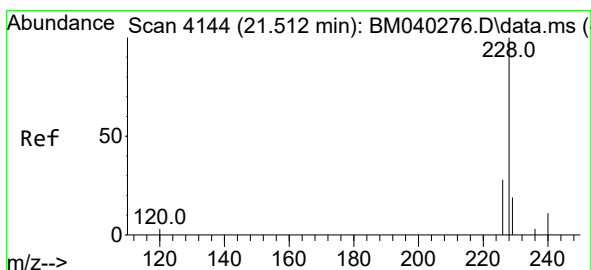
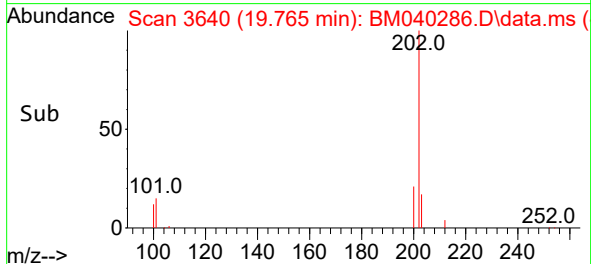
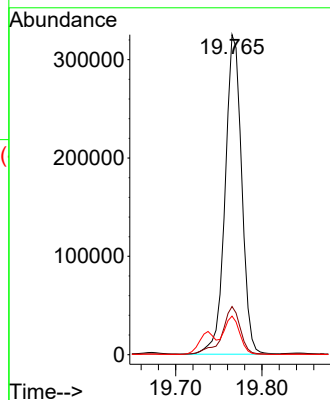
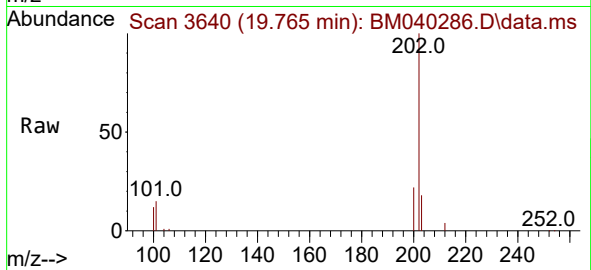
Tgt Ion:202 Resp: 434000

Ion Ratio Lower Upper

202 100

101 15.1 11.8 17.8

100 12.0 9.3 13.9



#21

Benzo(a)anthracene

Concen: 3.666 ng/ul

RT: 21.509 min Scan# 4143

Delta R.T. -0.006 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

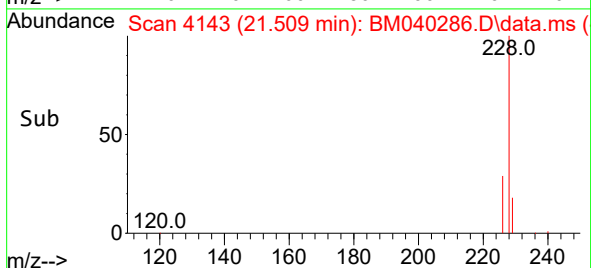
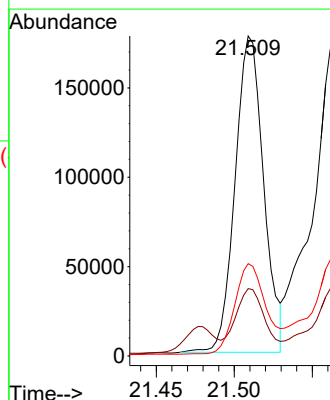
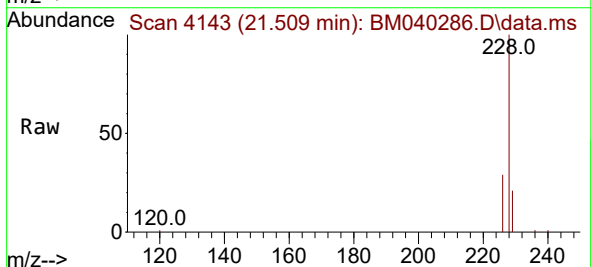
Tgt Ion:228 Resp: 225539

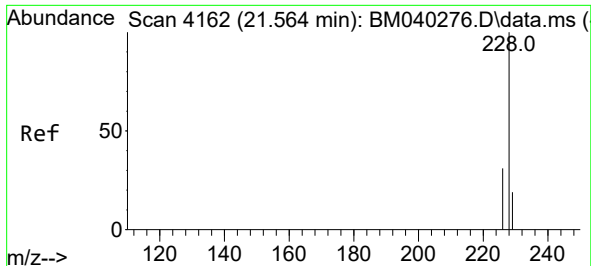
Ion Ratio Lower Upper

228 100

229 21.1 15.8 23.8

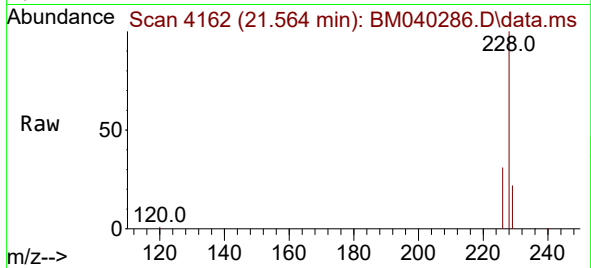
226 28.8 22.0 33.0



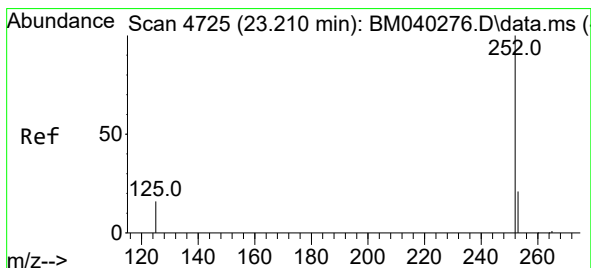
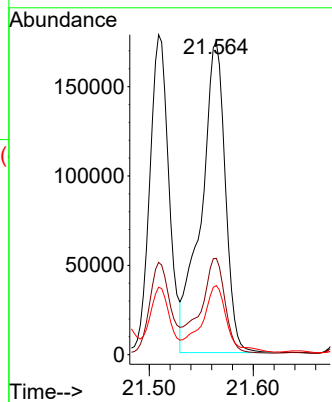
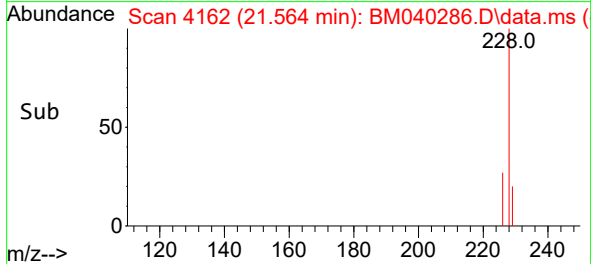


#22
Chrysene
Concen: 4.311 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

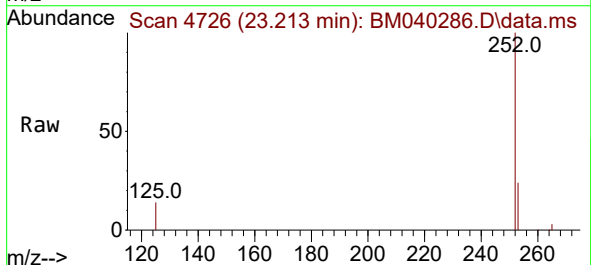
Instrument :
BNA_M
ClientSampleId :
DCFH9



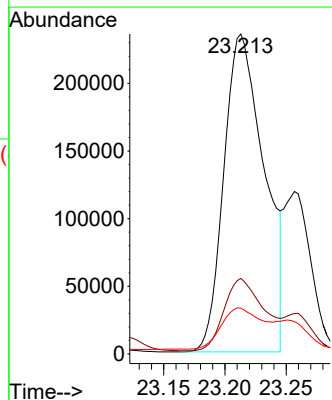
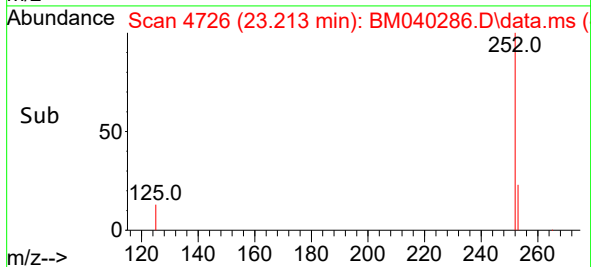
Tgt Ion:228 Resp: 280152
Ion Ratio Lower Upper
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226 30.8 24.3 36.5
229 22.1 15.7 23.5

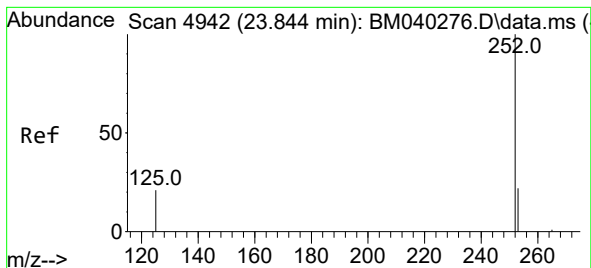


#24
Benzo(b)fluoranthene
Concen: 6.531 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24



Tgt Ion:252 Resp: 539434
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 14.3 0.0 38.4





#26

Benzo(a)pyrene

Concen: 4.871 ng/ul

RT: 23.844 min Scan# 4942

Delta R.T. -0.006 min

Lab File: BM040286.D

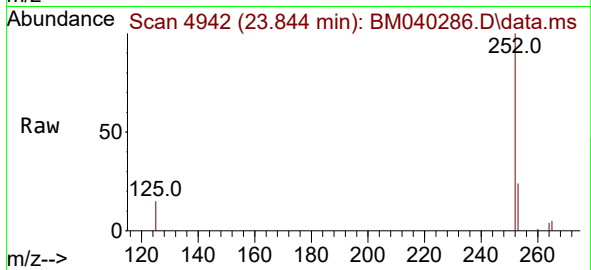
Acq: 16 Jun 2023 18:24

Instrument :

BNA_M

ClientSampleId :

DCFH9



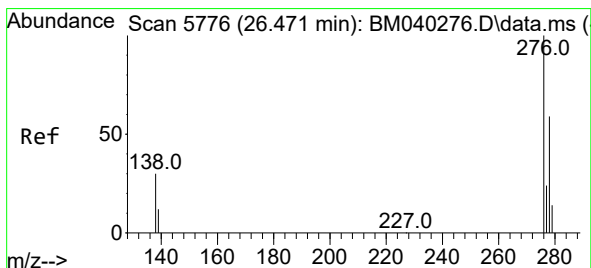
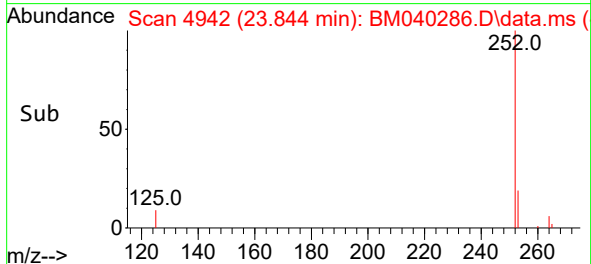
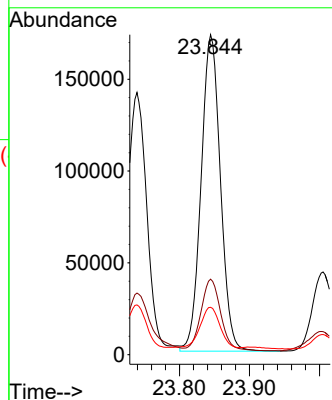
Tgt Ion:252 Resp: 330101

Ion Ratio Lower Upper

252 100

253 23.6 23.4 35.0

125 14.8 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.661 ng/ul

RT: 26.467 min Scan# 5775

Delta R.T. -0.010 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

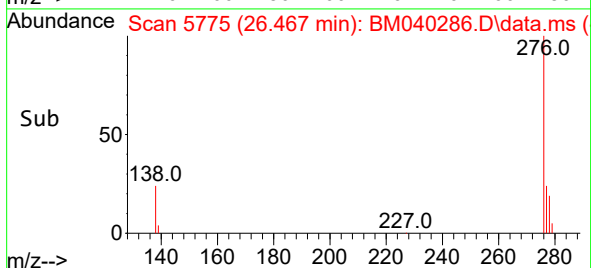
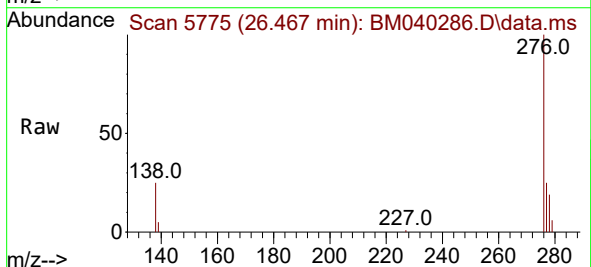
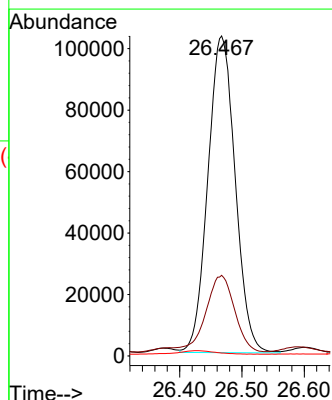
Tgt Ion:276 Resp: 314125

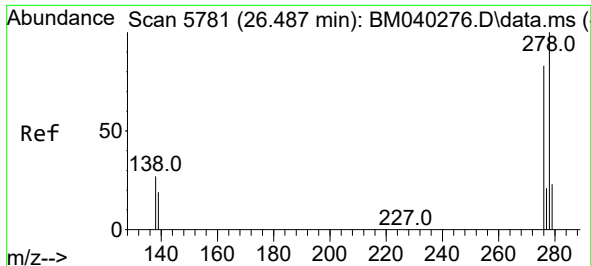
Ion Ratio Lower Upper

276 100

138 25.0 23.3 34.9

227 0.0 0.1 0.1#

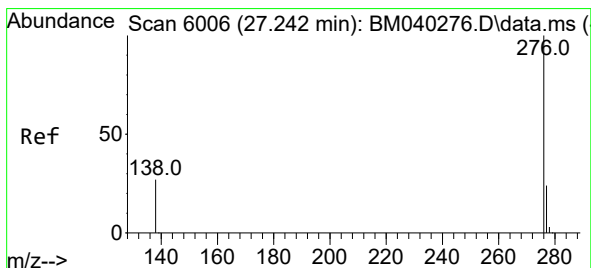
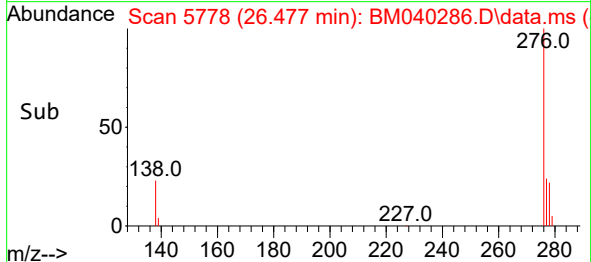
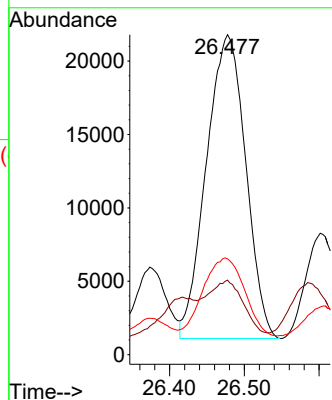
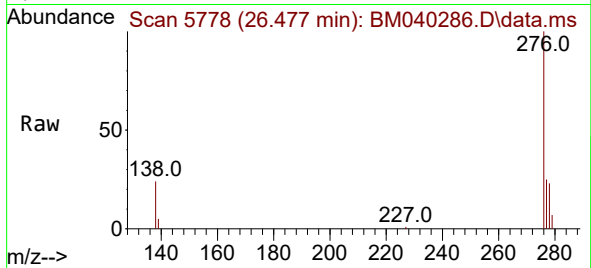




#28
Dibenzo(a,h)anthracene
Concen: 1.100 ng/ul
RT: 26.477 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Instrument :
BNA_M
ClientSampleId :
DCFH9

Tgt Ion:278 Resp: 75737
Ion Ratio Lower Upper
278 100
139 23.3 16.4 24.6
279 30.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 4.068 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:276 Resp: 291474
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
277 24.1 19.6 29.4

