

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040569.D
 Acq On : 03 Jul 2023 11:12
 Operator : MA/JU
 Sample : 03245-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGJ0

Quant Time: Jul 03 13:36:05 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

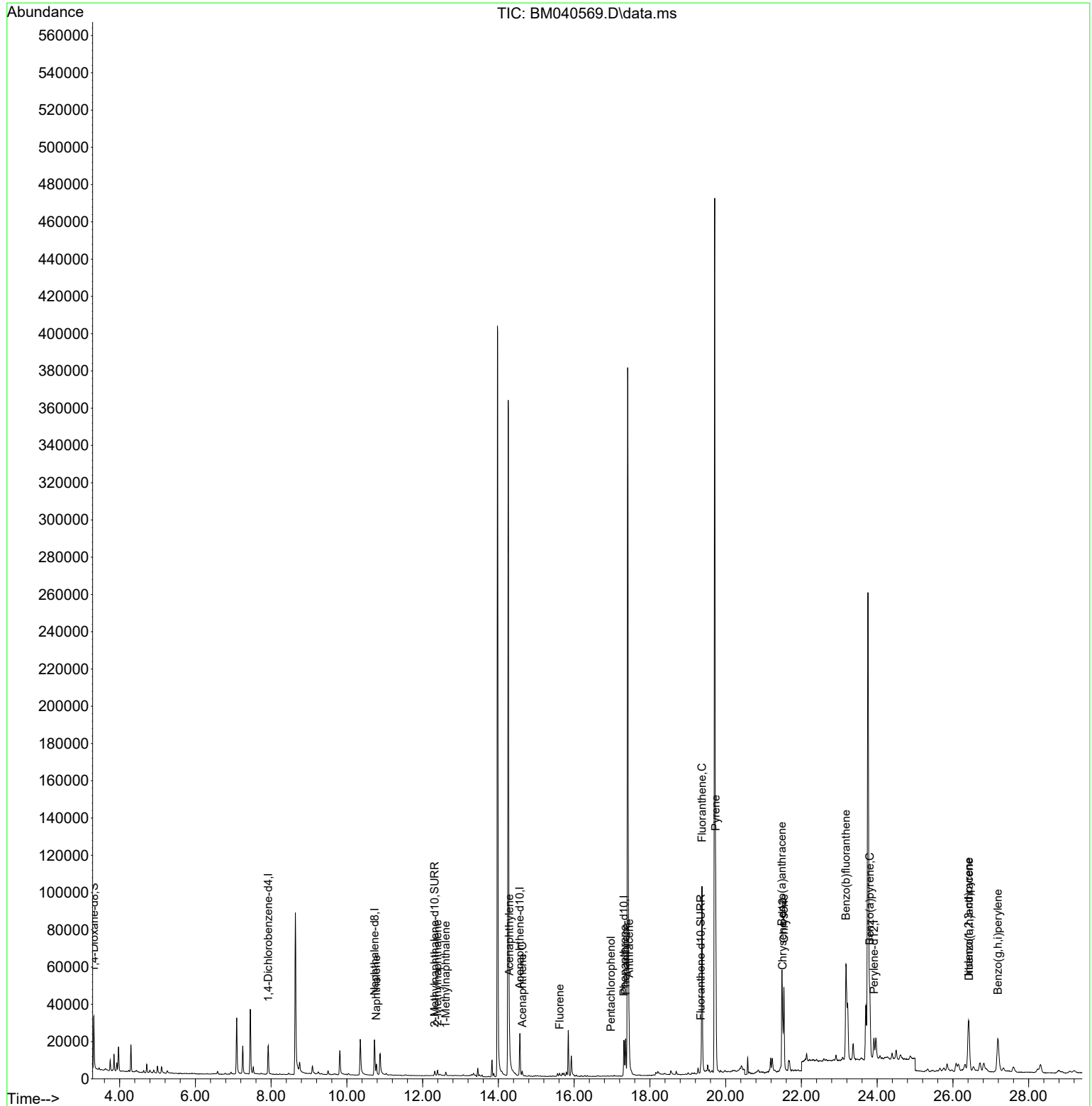
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	8091	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.729	136	29072	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.568	164	13499	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	25708	0.400	ng/ul	-0.01
17) Chrysene-d12	21.503	240	14326	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	15665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	17026	1.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	4024	0.099	ng/ul	-0.02
18) Fluoranthene-d10	19.342	212	5571	0.121	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	7802	0.097	ng/ul#	95
7) 2-Methylnaphthalene	12.395	142	2512	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.609	142	1427	0.030	ng/ul	99
10) Acenaphthylene	14.290	152	12661	0.210	ng/ul	97
11) Acenaphthene	14.628	153	1284	0.025	ng/ul#	93
12) Fluorene	15.618	166	1252	0.023	ng/ul#	89
14) Pentachlorophenol	16.973	266	195	0.039	ng/ul#	84
15) Phenanthrene	17.358	178	23352	0.292	ng/ul	99
16) Anthracene	17.450	178	9502	0.142	ng/ul#	93
19) Fluoranthene	19.375	202	94273	1.549	ng/ul	96
20) Pyrene	19.737	202	80517	1.234	ng/ul	99
21) Benzo(a)anthracene	21.486	228	48835	1.008	ng/ul	94
22) Chrysene	21.538	228	46126	0.834	ng/ul	96
24) Benzo(b)fluoranthene	23.178	252	92977	1.534	ng/ul	95
26) Benzo(a)pyrene	23.806	252	54973	1.007	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.414	276	51755	0.681	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.424	278	12530	0.210	ng/ul#	75
29) Benzo(g,h,i)perylene	27.185	276	45153	0.677	ng/ul	99

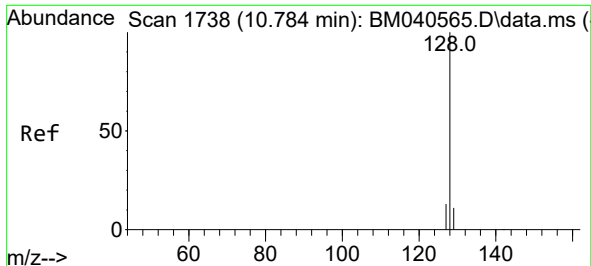
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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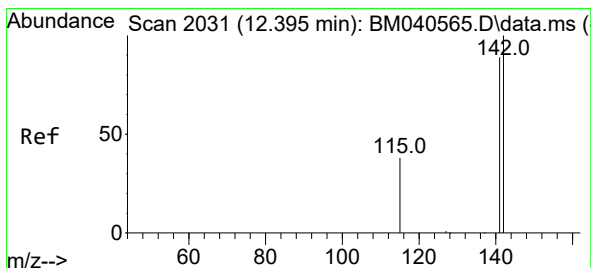
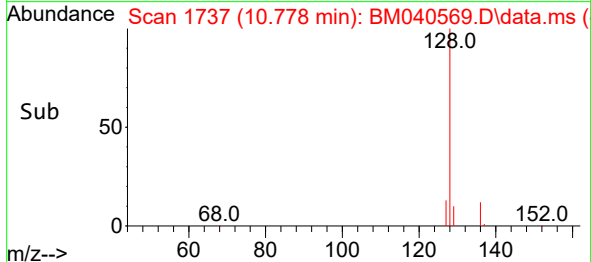
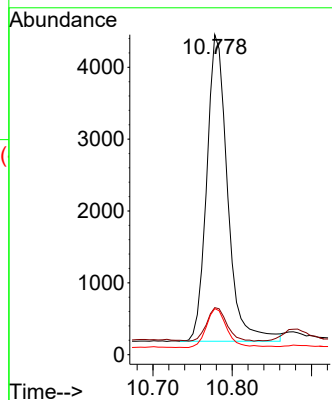
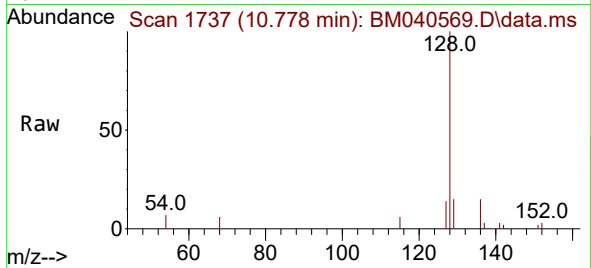




#5
Naphthalene
Concen: 0.097 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.016 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

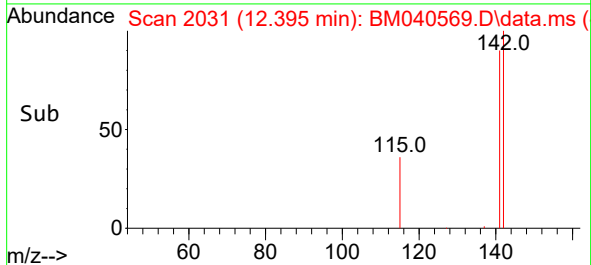
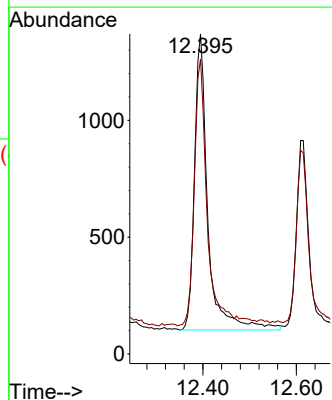
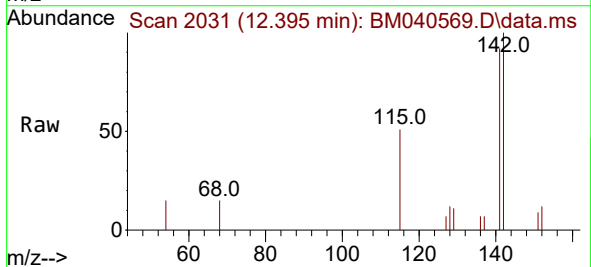
Instrument :
BNA_M
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DCGJ0

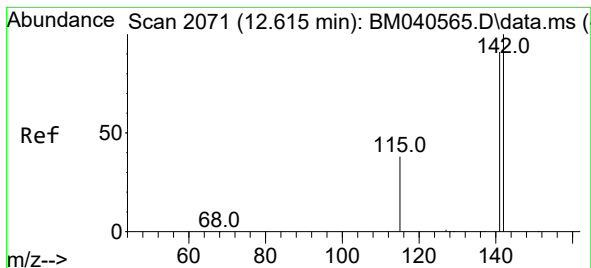
Tgt Ion:128 Resp: 7802
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8#
127 14.4 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

Tgt Ion:142 Resp: 2512
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.609 min Scan# 2071

Delta R.T. -0.016 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

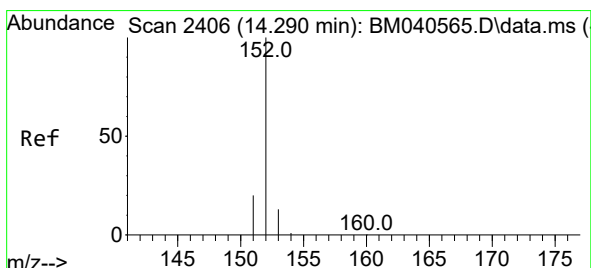
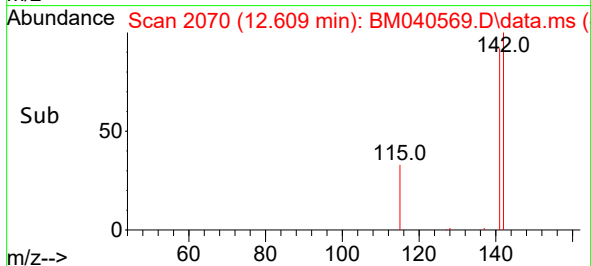
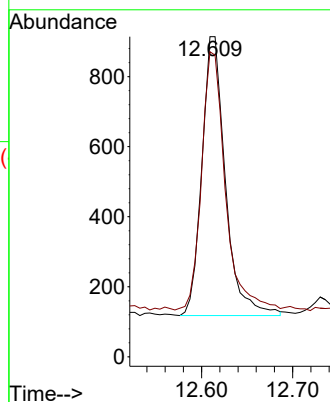
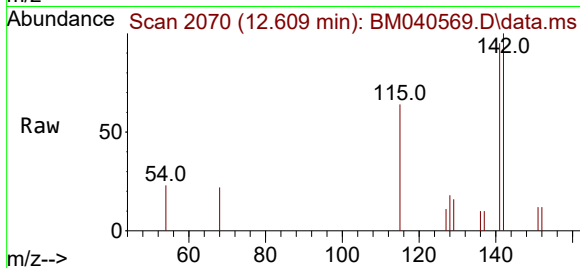
DCGJ0

Tgt Ion:142 Resp: 1427

Ion Ratio Lower Upper

142 100

141 93.1 73.7 110.5



#10

Acenaphthylene

Concen: 0.210 ng/ul

RT: 14.290 min Scan# 2406

Delta R.T. -0.009 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

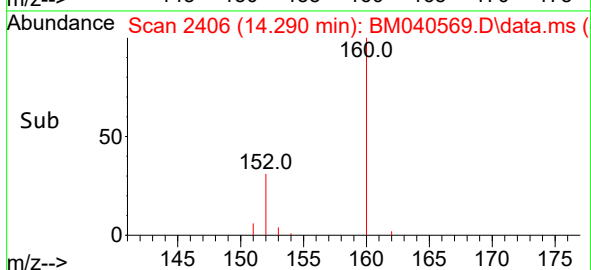
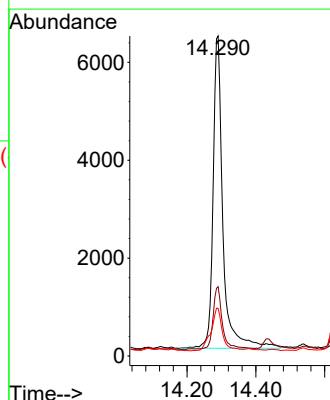
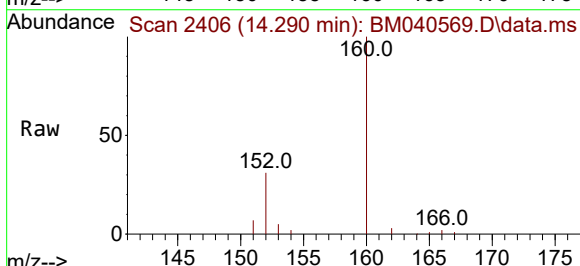
Tgt Ion:152 Resp: 12661

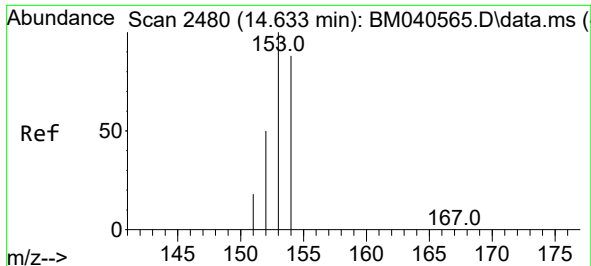
Ion Ratio Lower Upper

152 100

151 21.6 16.2 24.2

153 14.9 10.9 16.3

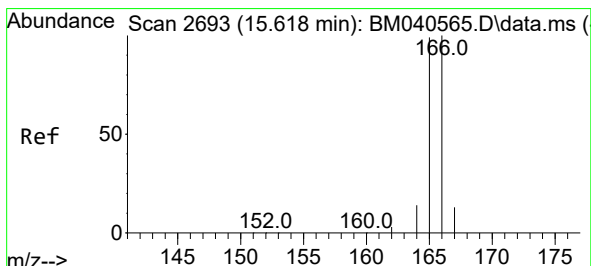
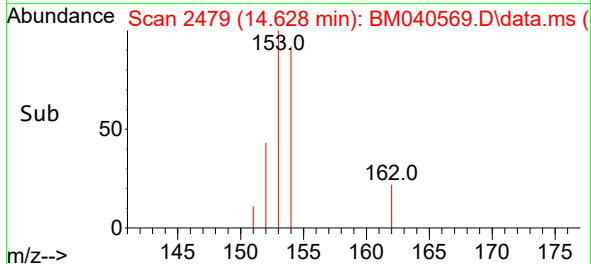
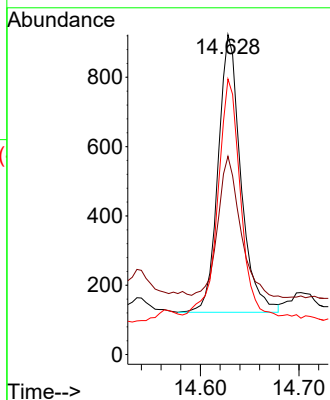
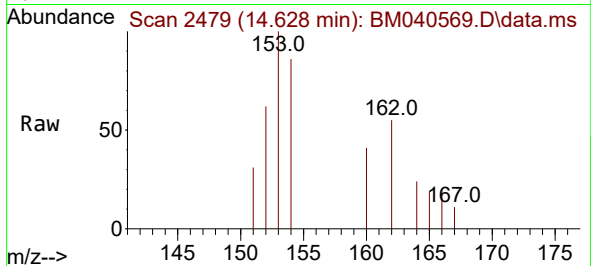




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.628 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

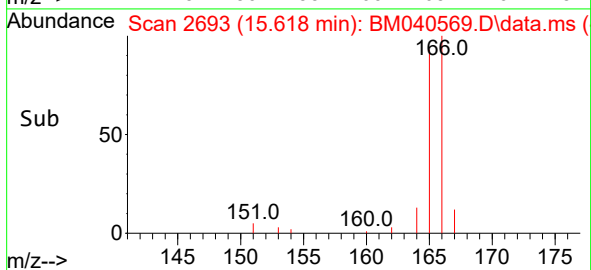
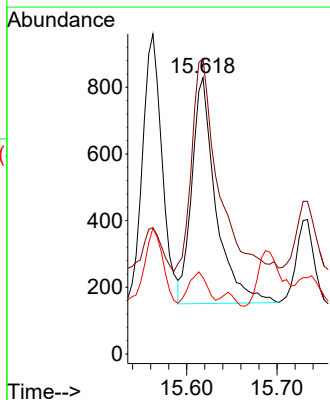
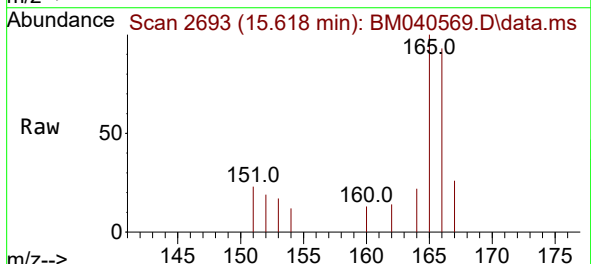
Instrument :
BNA_M
ClientSampleId :
DCGJ0

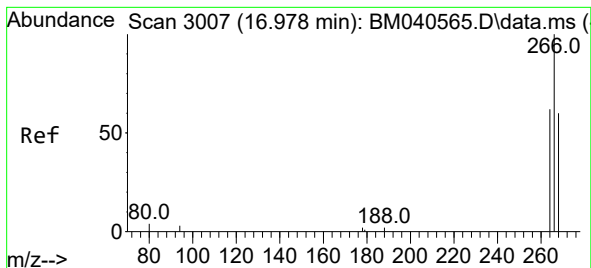
Tgt Ion:153 Resp: 1284
Ion Ratio Lower Upper
153 100
152 62.0 41.0 61.4#
154 86.1 70.8 106.2



#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040569.D
Acq: 03 Jul 2023 11:12

Tgt Ion:166 Resp: 1252
Ion Ratio Lower Upper
166 100
165 107.0 79.6 119.4
167 27.7 11.4 17.0#





#14

Pentachlorophenol

Concen: 0.039 ng/ul

RT: 16.973 min Scan# 3006

Delta R.T. -0.008 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

DCGJ0

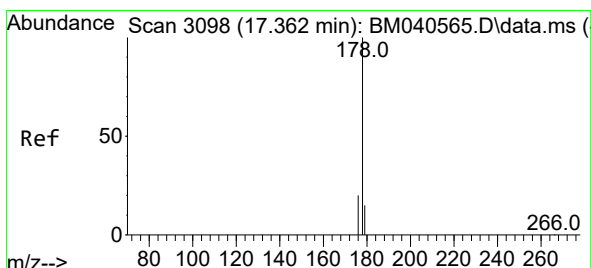
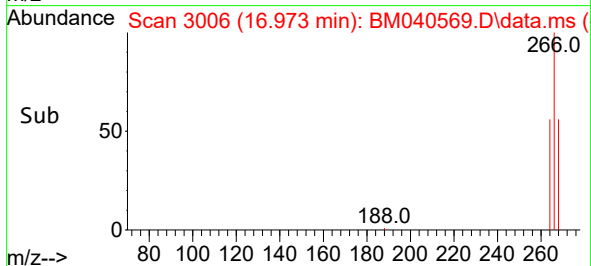
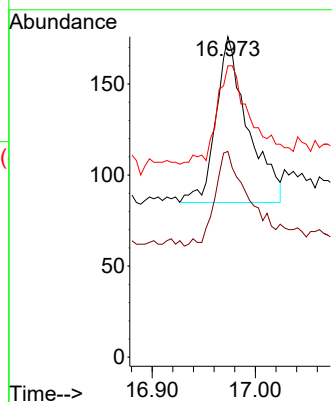
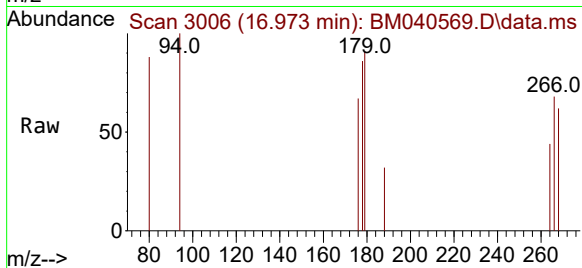
Tgt Ion:266 Resp: 195

Ion Ratio Lower Upper

266 100

264 69.2 45.4 68.0#

268 70.3 47.2 70.8



#15

Phenanthrene

Concen: 0.292 ng/ul

RT: 17.358 min Scan# 3097

Delta R.T. -0.013 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

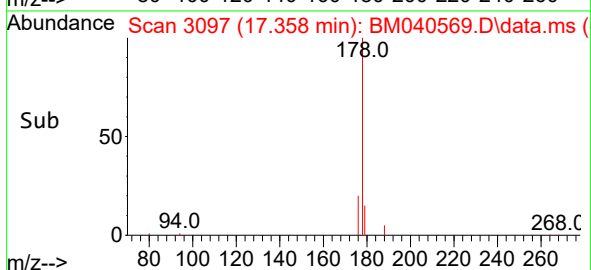
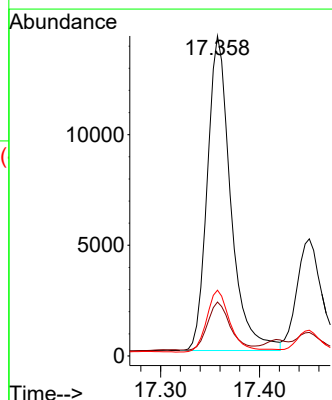
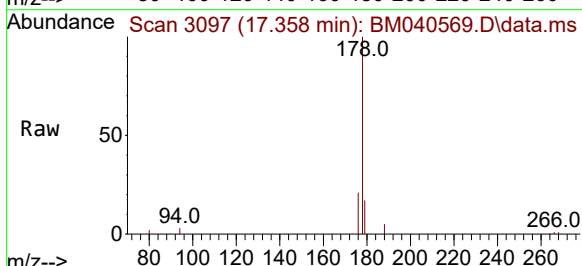
Tgt Ion:178 Resp: 23352

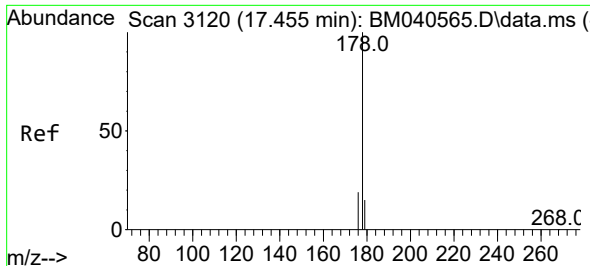
Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

176 20.6 16.4 24.6

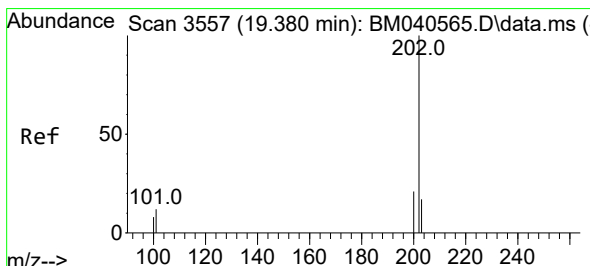
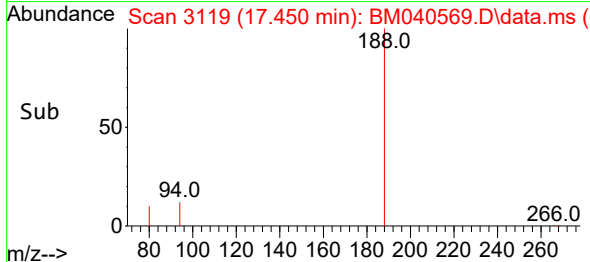
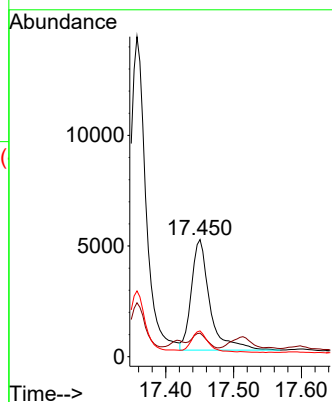
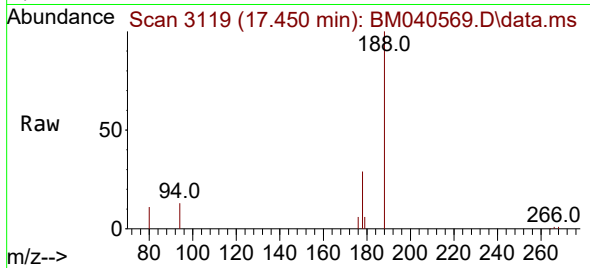




#16
 Anthracene
 Concen: 0.142 ng/ul
 RT: 17.450 min Scan# 3119
 Delta R.T. -0.013 min
 Lab File: BM040569.D
 Acq: 03 Jul 2023 11:12

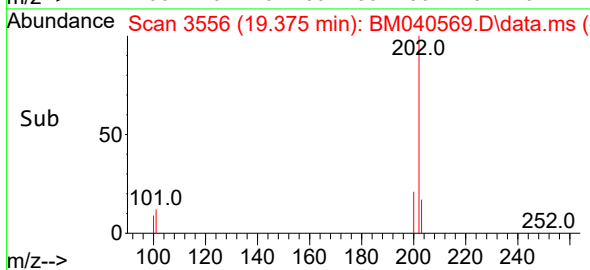
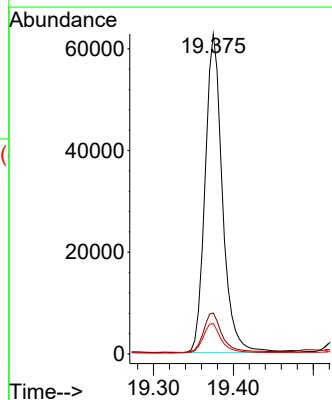
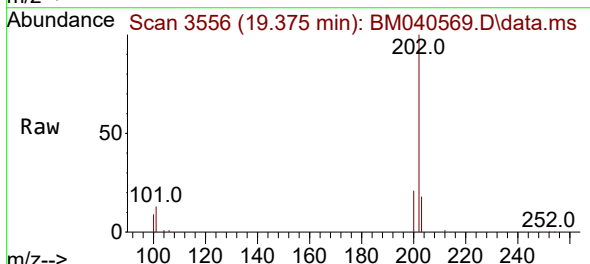
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 BNA_M
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 DCGJ0

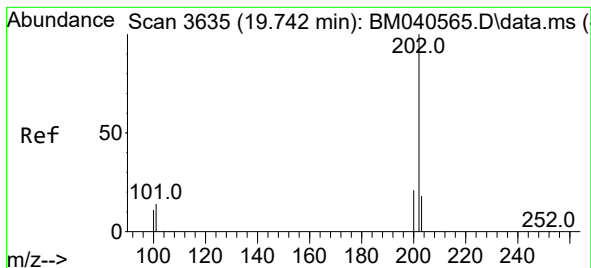
Tgt Ion:178 Resp: 9502
 Ion Ratio Lower Upper
 178 100
 179 20.0 12.9 19.3#
 176 22.0 15.8 23.6



#19
 Fluoranthene
 Concen: 1.549 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BM040569.D
 Acq: 03 Jul 2023 11:12

Tgt Ion:202 Resp: 94273
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 9.5 8.7 13.1





#20

Pyrene

Concen: 1.234 ng/ul

RT: 19.737 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

DCGJ0

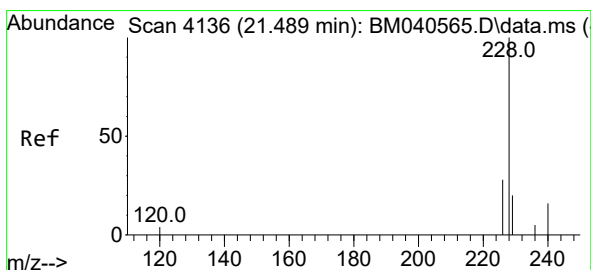
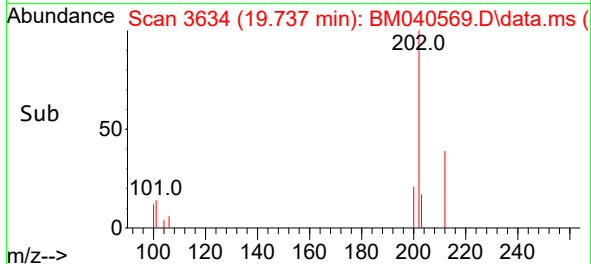
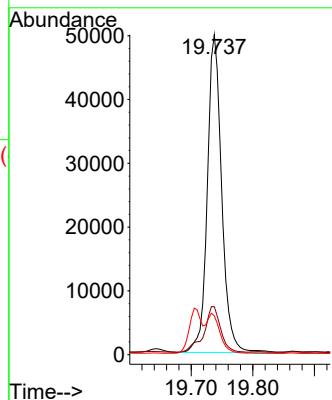
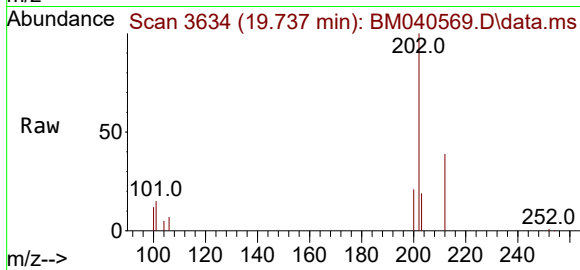
Tgt Ion:202 Resp: 80517

Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 12.2 9.8 14.6



#21

Benzo(a)anthracene

Concen: 1.008 ng/ul

RT: 21.486 min Scan# 4135

Delta R.T. -0.006 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

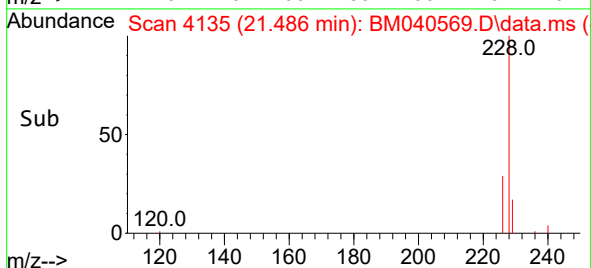
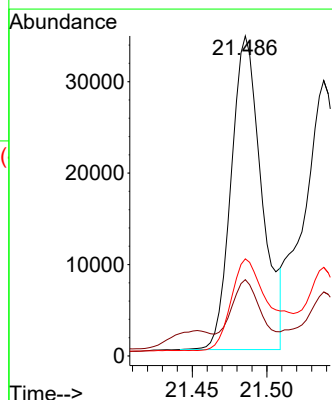
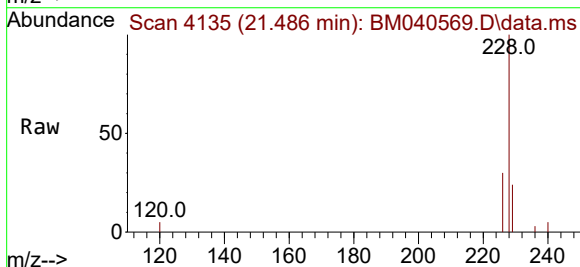
Tgt Ion:228 Resp: 48835

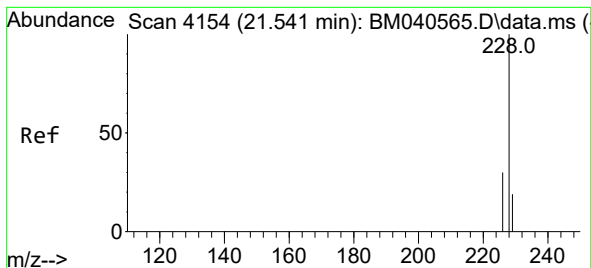
Ion Ratio Lower Upper

228 100

229 23.9 16.0 24.0

226 30.3 22.3 33.5





#22

Chrysene

Concen: 0.834 ng/ul

RT: 21.538 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040569.D

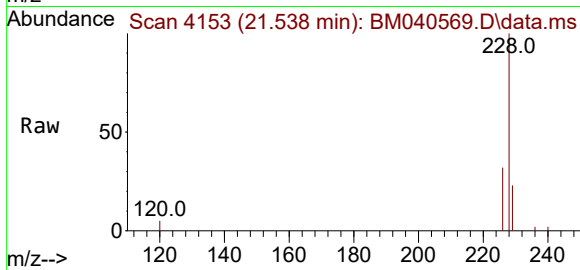
Acq: 03 Jul 2023 11:12

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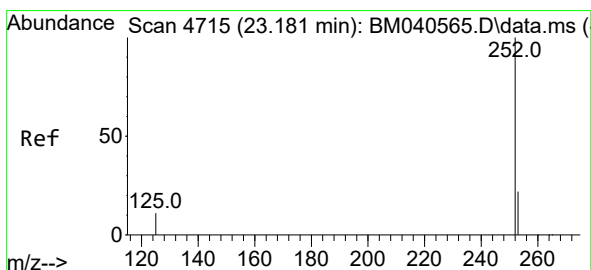
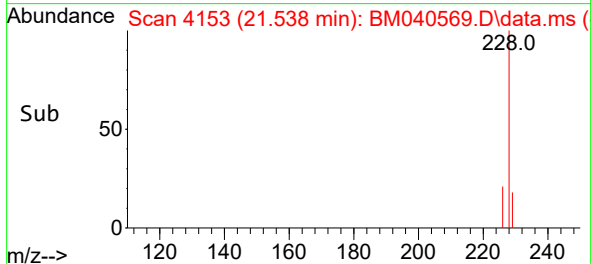
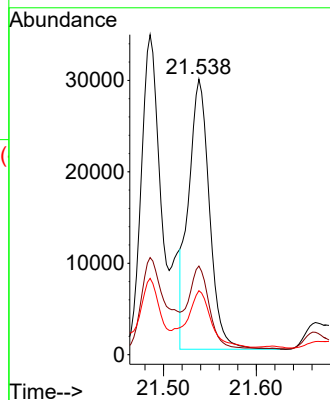
Tgt Ion:228 Resp: 46126

Ion Ratio Lower Upper

228 100

226 32.2 24.9 37.3

229 23.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.534 ng/ul

RT: 23.178 min Scan# 4714

Delta R.T. -0.003 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

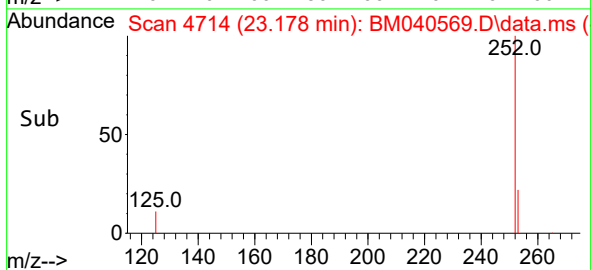
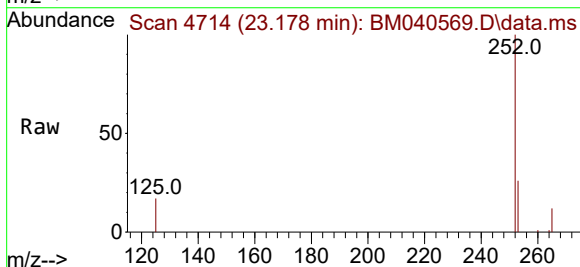
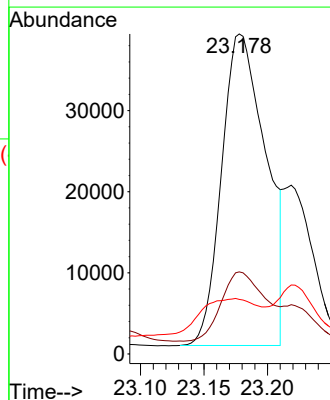
Tgt Ion:252 Resp: 92977

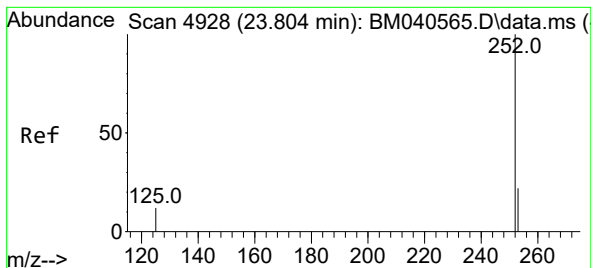
Ion Ratio Lower Upper

252 100

253 25.7 0.0 52.8

125 17.1 0.0 43.0





#26

Benzo(a)pyrene

Concen: 1.007 ng/ul

RT: 23.806 min Scan# 4928

Delta R.T. -0.006 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

DCGJ0

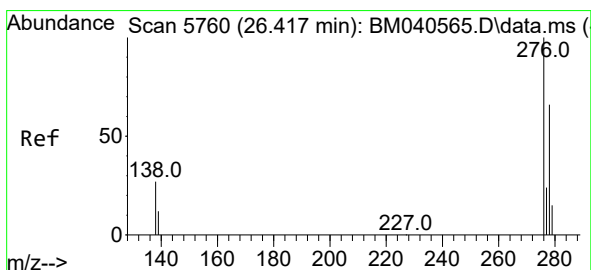
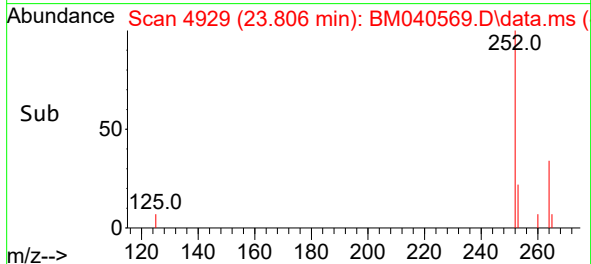
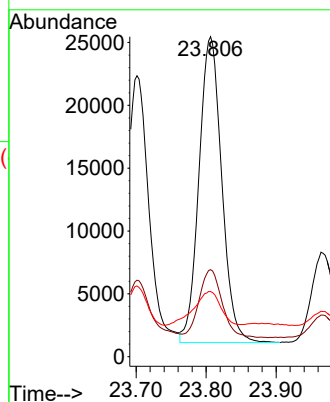
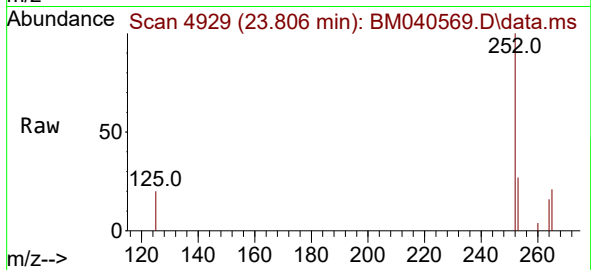
Tgt Ion:252 Resp: 54973

Ion Ratio Lower Upper

252 100

253 27.2 22.9 34.3

125 20.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.681 ng/ul

RT: 26.414 min Scan# 5759

Delta R.T. -0.007 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

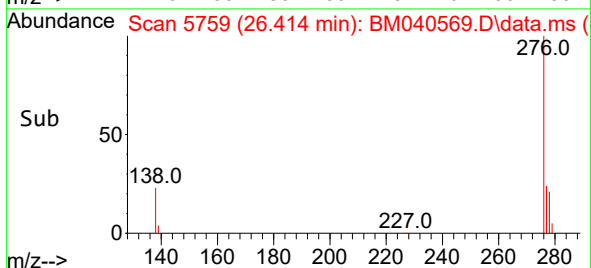
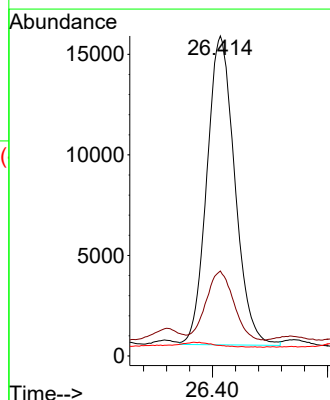
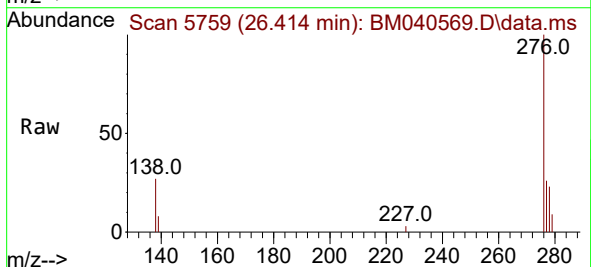
Tgt Ion:276 Resp: 51755

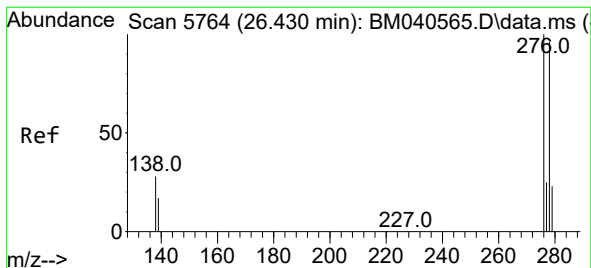
Ion Ratio Lower Upper

276 100

138 22.1 24.5 36.7#

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.210 ng/ul

RT: 26.424 min Scan# 5

Delta R.T. -0.013 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Instrument :

BNA_M

ClientSampleId :

DCGJ0

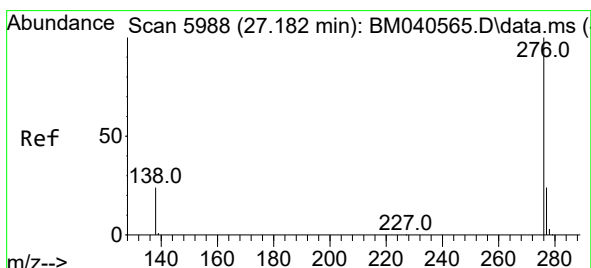
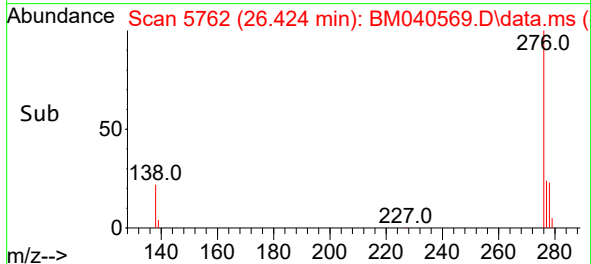
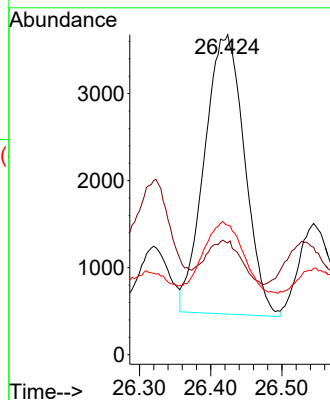
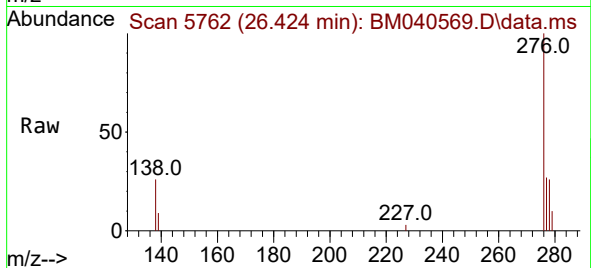
Tgt Ion:278 Resp: 12530

Ion Ratio Lower Upper

278 100

139 34.9 17.9 26.9#

279 40.5 22.0 33.0#



#29

Benzo(g,h,i)perylene

Concen: 0.677 ng/ul

RT: 27.185 min Scan# 5989

Delta R.T. 0.000 min

Lab File: BM040569.D

Acq: 03 Jul 2023 11:12

Tgt Ion:276 Resp: 45153

Ion Ratio Lower Upper

276 100

138 28.9 23.0 34.6

277 26.7 20.3 30.5

