

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090923\
 Data File : BM041759.D
 Acq On : 09 Sep 2023 21:11
 Operator : MA/JU
 Sample : 04247-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBJ83

Quant Time: Sep 09 23:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 09 23:26:58 2023
 Response via : Initial Calibration

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

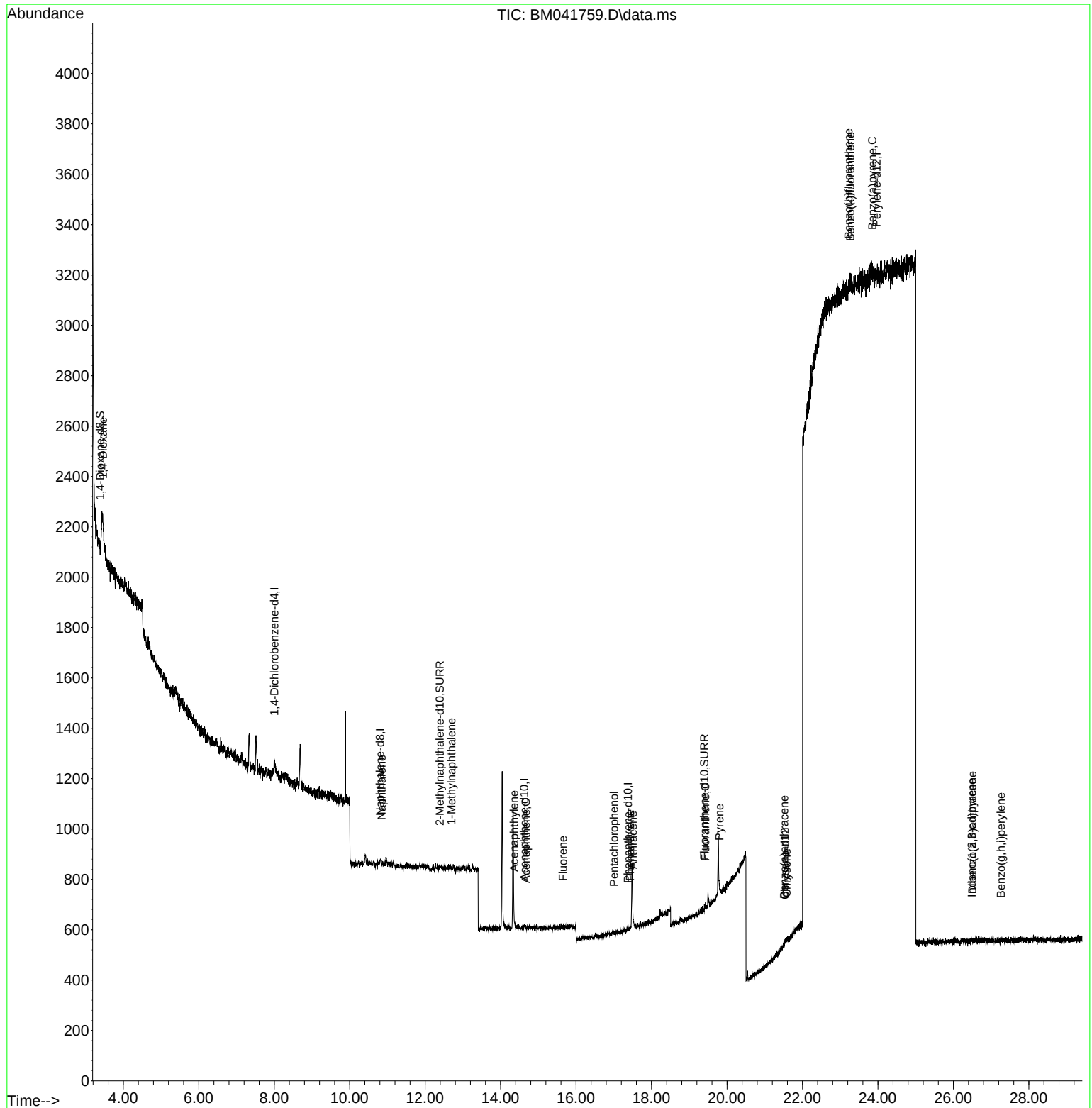
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	46	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.807	136	40	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.624	164	14	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.375	188	15	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	1	0.400	ng/ul	#-0.02
23) Perylene-d12	23.968	264	5	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	44	0.626	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.385	152	11	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	6	1.237	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.465	88	67	0.917	ng/ul#	25
5) Naphthalene	10.851	128	10	0.076	ng/ul#	1
8) 1-Methylnaphthalene	12.693	142	3	0.040	ng/ul#	1
10) Acenaphthylene	14.356	152	4	0.046	ng/ul#	1
11) Acenaphthene	14.671	153	6	0.089	ng/ul#	71
12) Fluorene	15.656	166	4	0.053	ng/ul#	49
14) Pentachlorophenol	17.008	266	2	0.333	ng/ul#	1
15) Phenanthrene	17.430	178	20	0.316	ng/ul#	1
16) Anthracene	17.506	178	4	0.074	ng/ul#	1
19) Fluoranthene	19.427	202	12	1.017	ng/ul#	1
20) Pyrene	19.799	202	12	1.024	ng/ul#	1
21) Benzo(a)anthracene	21.518	228	3	0.368	ng/ul#	1
22) Chrysene	21.580	228	18	2.046	ng/ul#	1
24) Benzo(b)fluoranthene	23.219	252	44	0.983	ng/ul#	1
25) Benzo(k)fluoranthene	23.269	252	20	0.457	ng/ul#	1
26) Benzo(a)pyrene	23.851	252	9	0.248	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.488	276	1	0.020	ng/ul#	41
28) Dibenzo(a,h)anthracene	26.502	278	5	0.143	ng/ul#	1
29) Benzo(g,h,i)perylene	27.260	276	1	0.023	ng/ul#	1

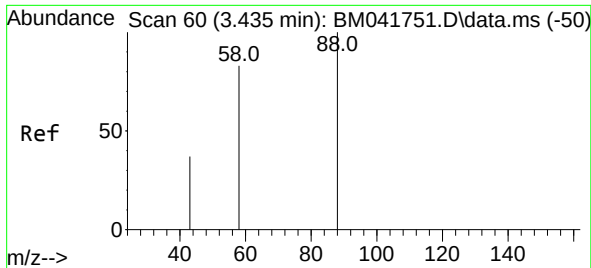
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 09 23:58:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
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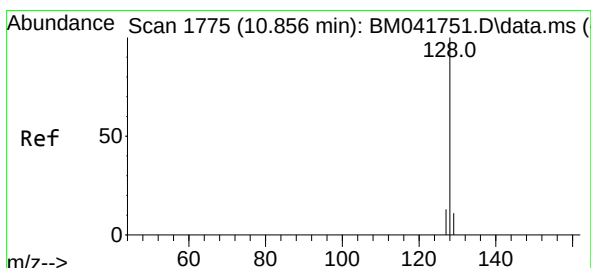
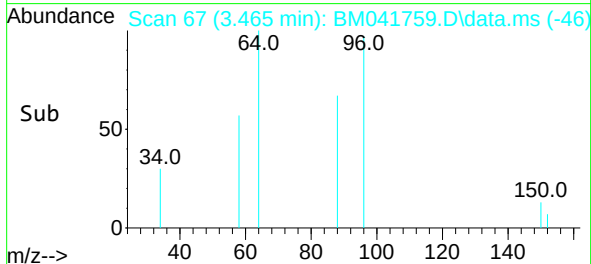
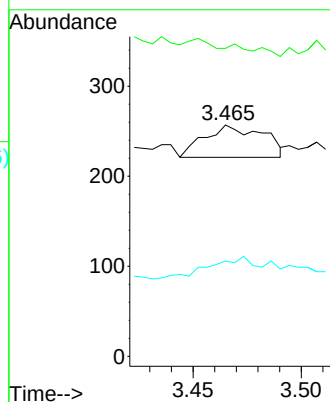
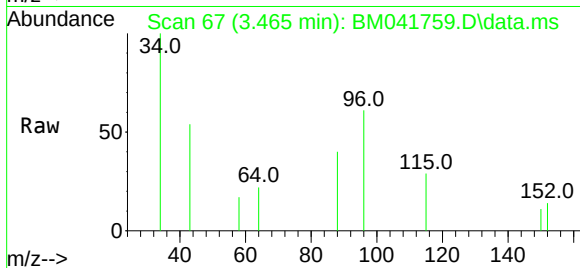




#2
1,4-Dioxane
Concen: 0.917 ng/ul
RT: 3.465 min Scan# 61
Delta R.T. 0.030 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

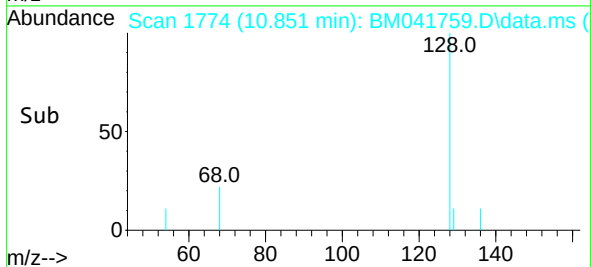
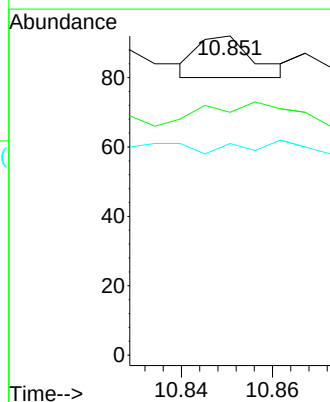
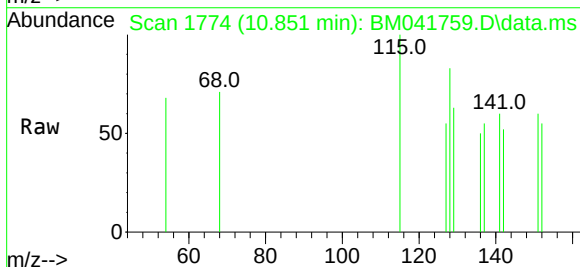
Instrument :
BNA_M
ClientSampleId :
BBJ83

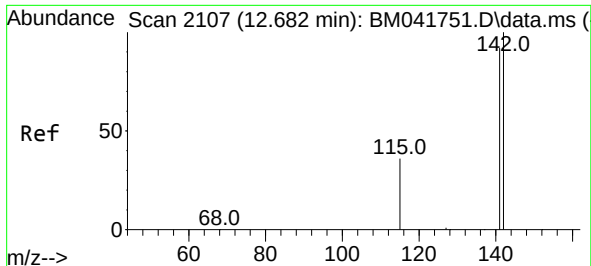
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 133.1 33.8 50.6#
58 41.2 54.2 81.2#



#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.851 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

Tgt Ion: 128 Resp: 10
Ion Ratio Lower Upper
128 100
129 76.1 9.4 14.0#
127 66.3 11.0 16.6#

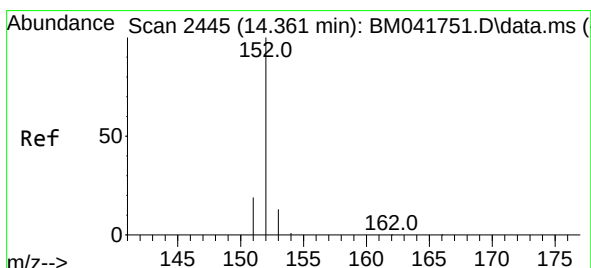
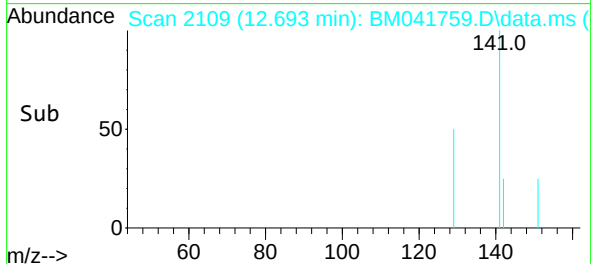
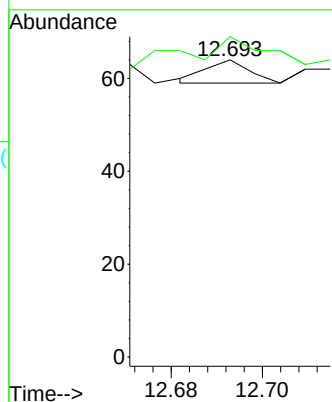
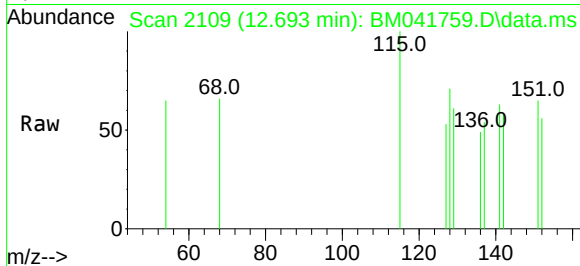




#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. 0.011 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

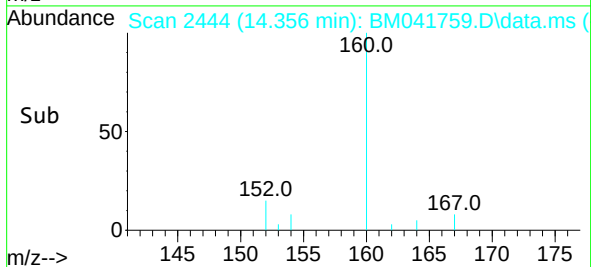
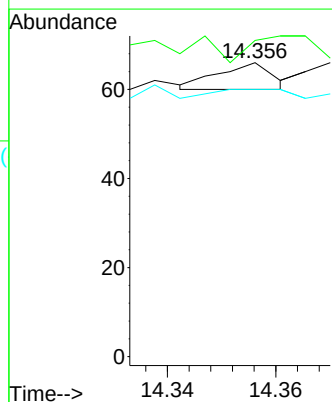
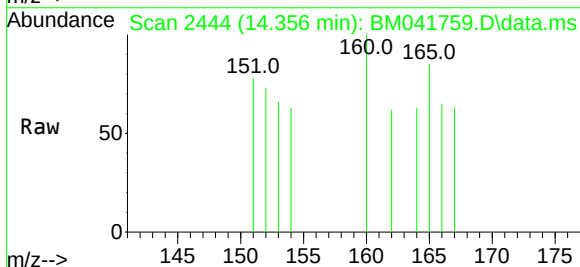
Instrument :
BNA_M
ClientSampleId :
BBJ83

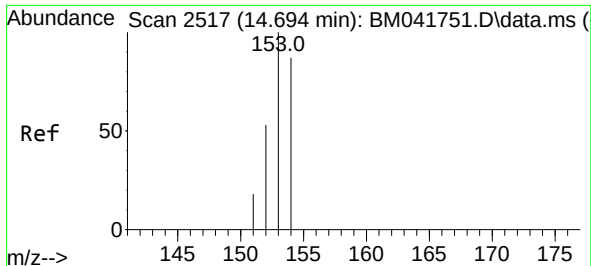
Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 366.7 74.4 111.6#



#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

Tgt Ion:152 Resp: 4
Ion Ratio Lower Upper
152 100
151 107.6 16.4 24.6#
153 90.9 11.1 16.7#

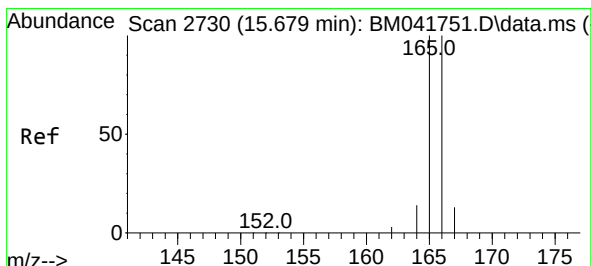
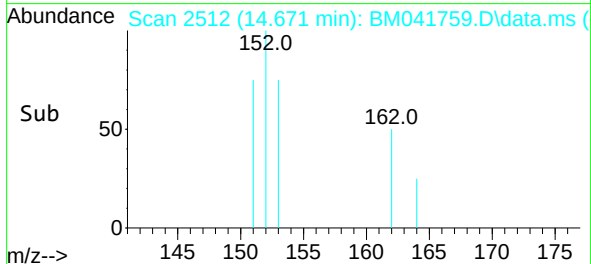
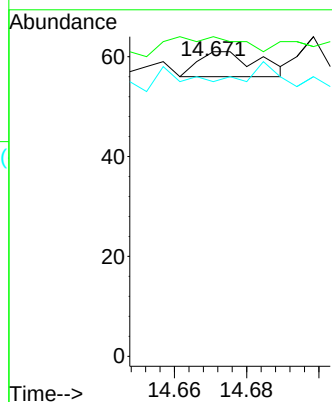
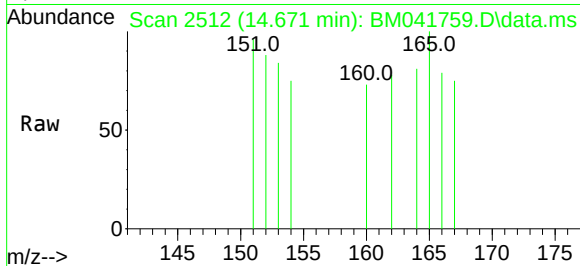




#11
Acenaphthene
Concen: 0.089 ng/ul
RT: 14.671 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

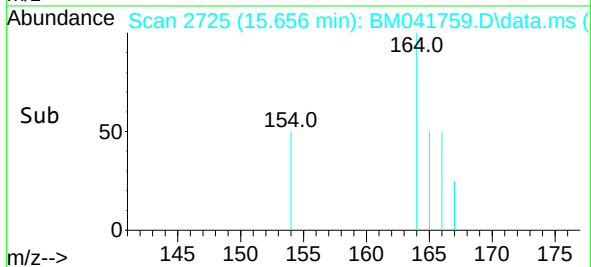
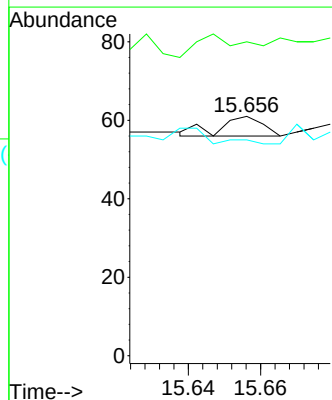
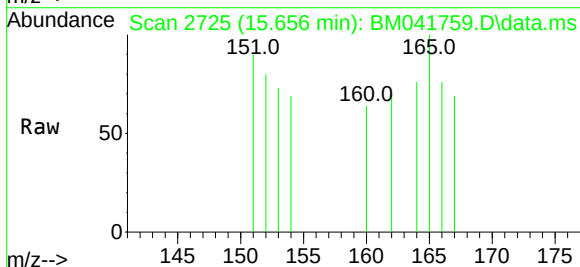
Instrument :
BNA_M
ClientSampleId :
BBJ83

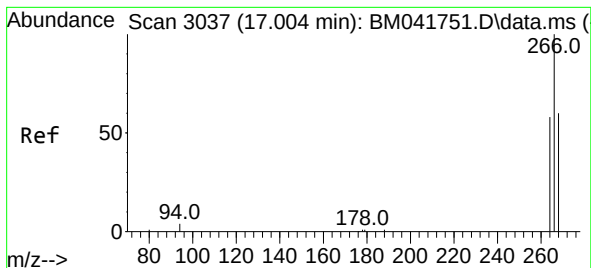
Tgt Ion:153 Resp: 6
Ion Ratio Lower Upper
153 100
152 104.9 43.4 65.2#
154 90.2 69.4 104.0



#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.656 min Scan# 2725
Delta R.T. -0.023 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

Tgt Ion:166 Resp: 4
Ion Ratio Lower Upper
166 100
165 131.1 79.4 119.2#
167 90.2 11.3 16.9#





#14

Pentachlorophenol

Concen: 0.333 ng/ul

RT: 17.008 min Scan# 3037

Delta R.T. 0.004 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

Instrument :

BNA_M

ClientSampleId :

BBJ83

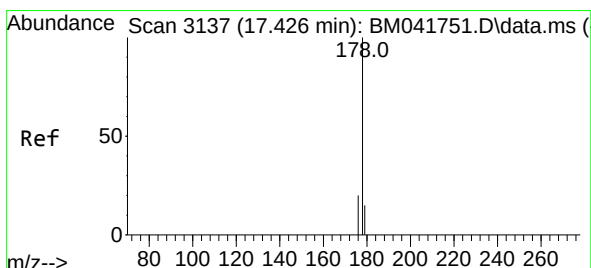
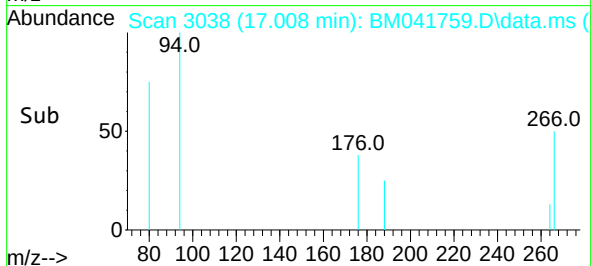
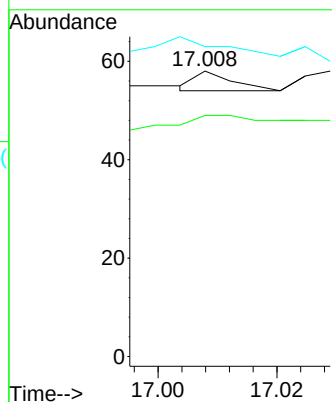
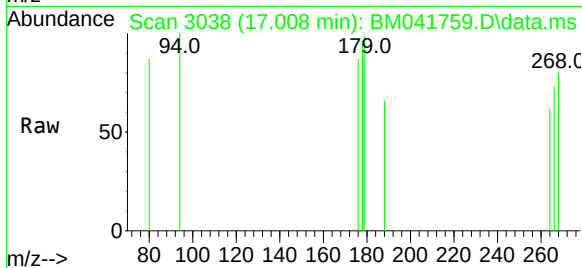
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 100.0 50.0 75.0#

268 350.0 50.8 76.2#



#15

Phenanthrene

Concen: 0.316 ng/ul

RT: 17.430 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

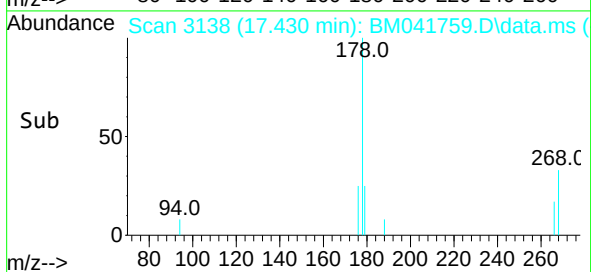
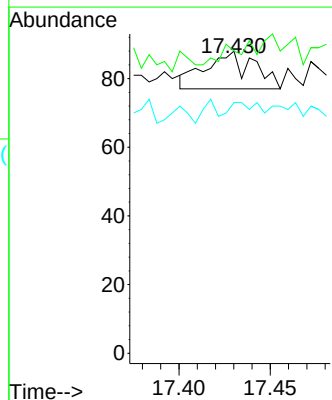
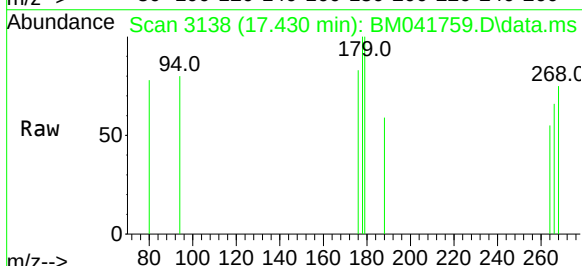
Tgt Ion:178 Resp: 20

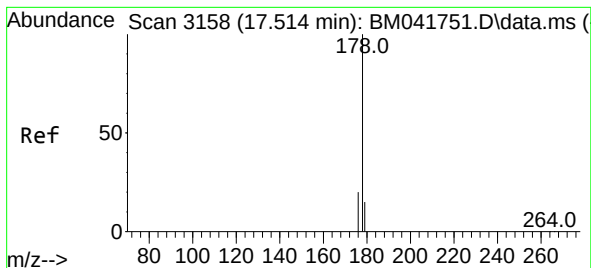
Ion Ratio Lower Upper

178 100

179 100.0 12.9 19.3#

176 83.0 16.9 25.3#





#16

Anthracene

Concen: 0.074 ng/ul

RT: 17.506 min Scan# 3158

Delta R.T. -0.008 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

Instrument :

BNA_M

ClientSampleId :

BBJ83

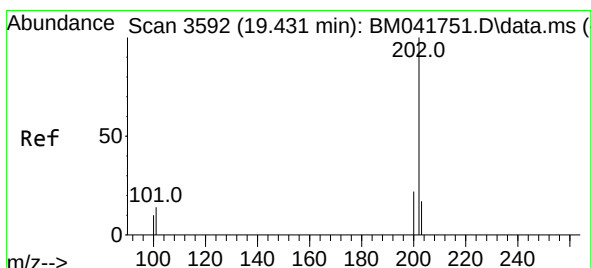
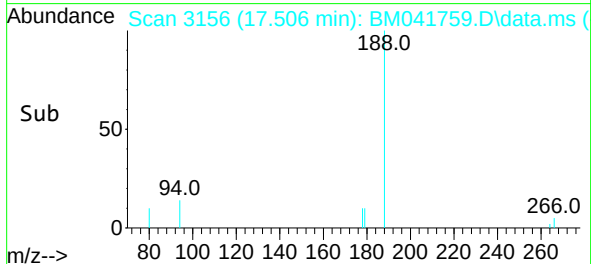
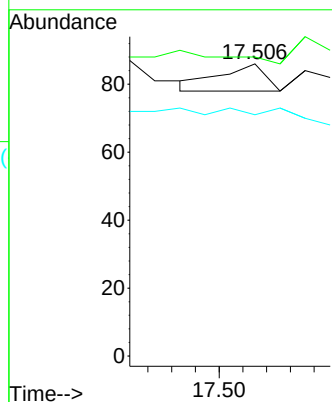
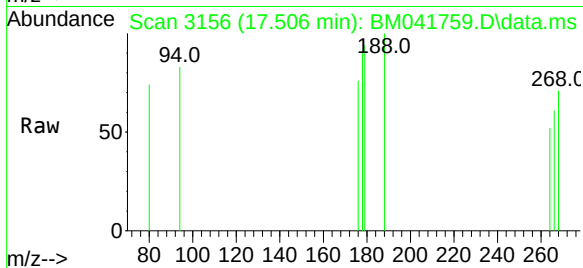
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

179 102.3 12.9 19.3#

176 82.6 15.8 23.8#



#19

Fluoranthene

Concen: 1.017 ng/ul

RT: 19.427 min Scan# 3591

Delta R.T. -0.005 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

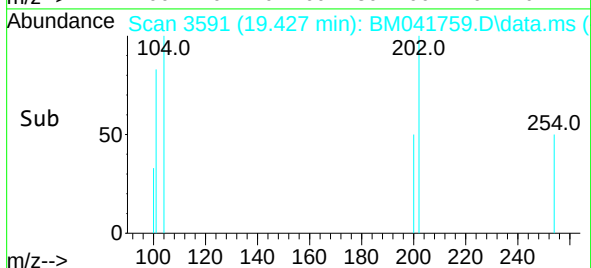
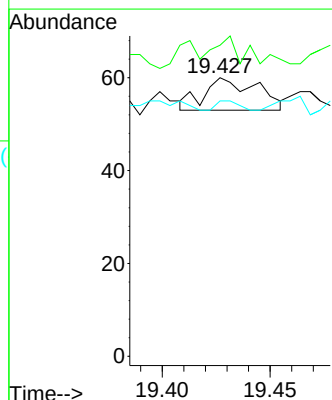
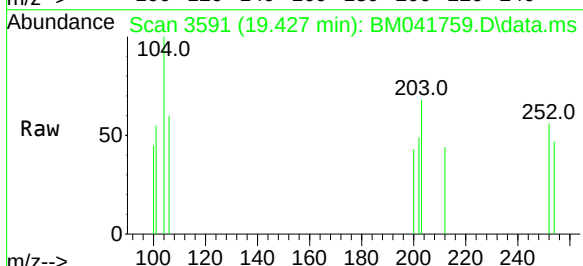
Tgt Ion:202 Resp: 12

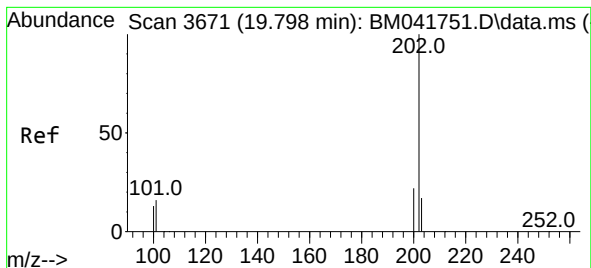
Ion Ratio Lower Upper

202 100

101 111.7 10.5 15.7#

100 91.7 8.4 12.6#





#20

Pyrene

Concen: 1.024 ng/ul

RT: 19.799 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

Instrument :

BNA_M

ClientSampleId :

BBJ83

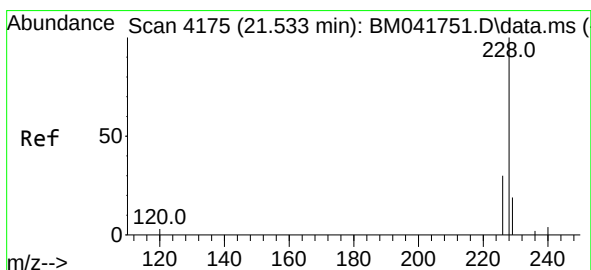
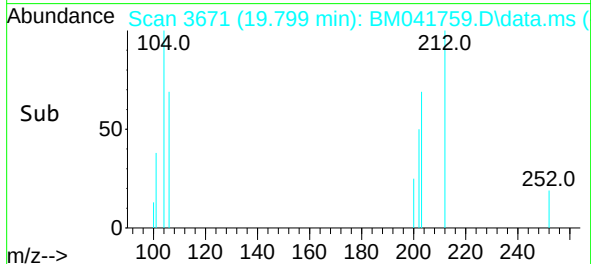
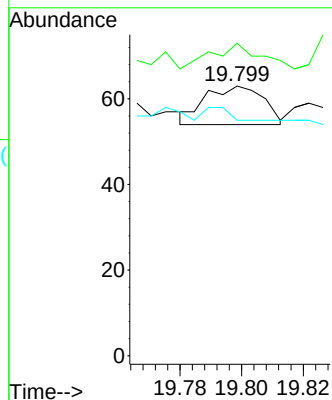
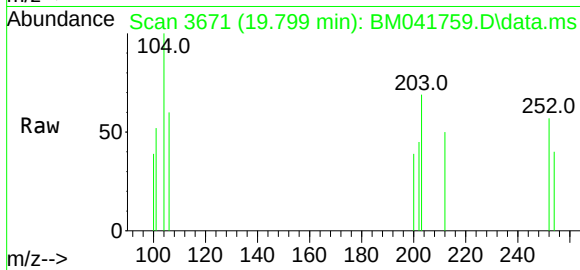
Tgt Ion:202 Resp: 12

Ion Ratio Lower Upper

202 100

101 115.9 11.8 17.8#

100 87.3 9.8 14.6#



#21

Benzo(a)anthracene

Concen: 0.368 ng/ul

RT: 21.518 min Scan# 4170

Delta R.T. -0.014 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

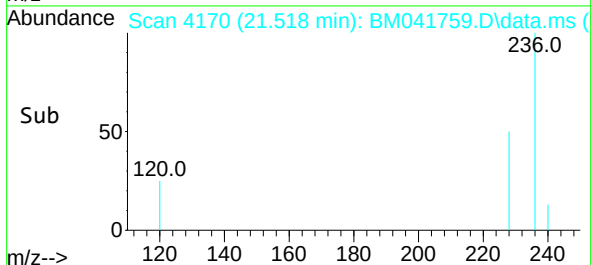
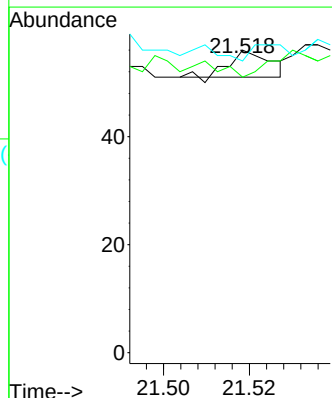
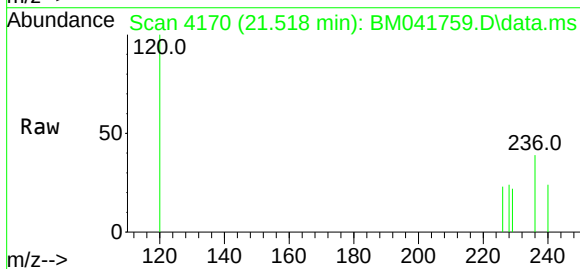
Tgt Ion:228 Resp: 3

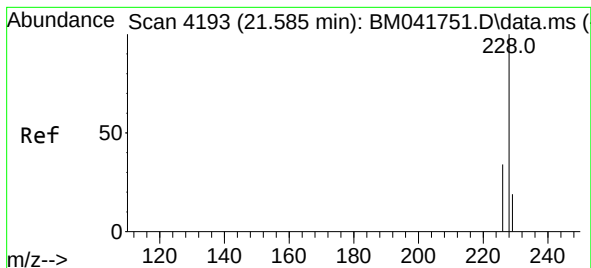
Ion Ratio Lower Upper

228 100

229 91.1 15.8 23.6#

226 96.4 24.8 37.2#





#22

Chrysene

Concen: 2.046 ng/ul

RT: 21.580 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

Instrument :

BNA_M

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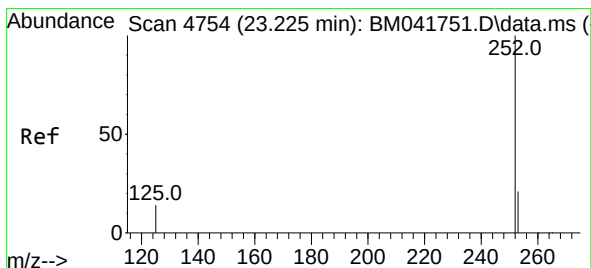
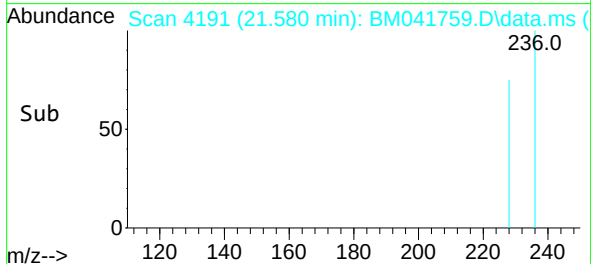
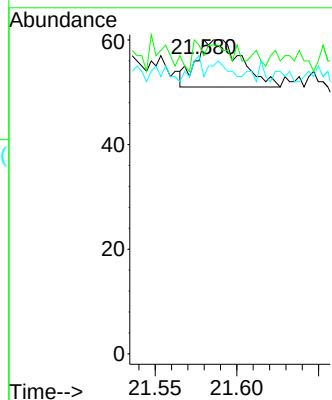
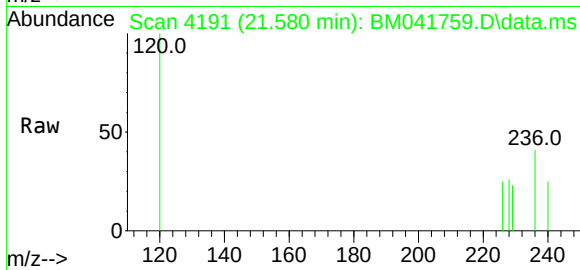
Tgt Ion:228 Resp: 18

Ion Ratio Lower Upper

228 100

226 95.0 27.0 40.6#

229 88.3 15.4 23.2#



#24

Benzo(b)fluoranthene

Concen: 0.983 ng/ul

RT: 23.219 min Scan# 4752

Delta R.T. -0.006 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

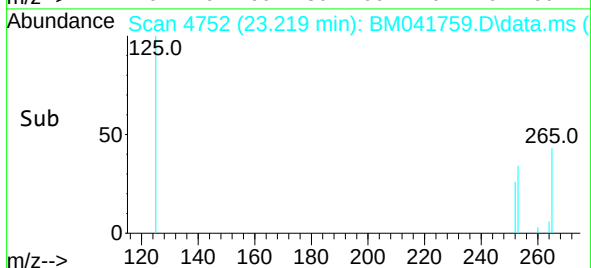
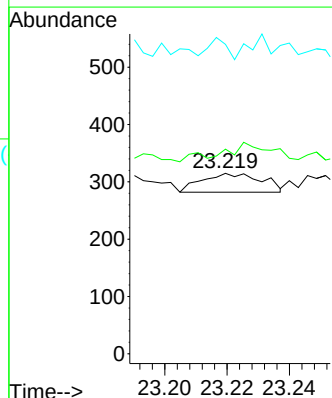
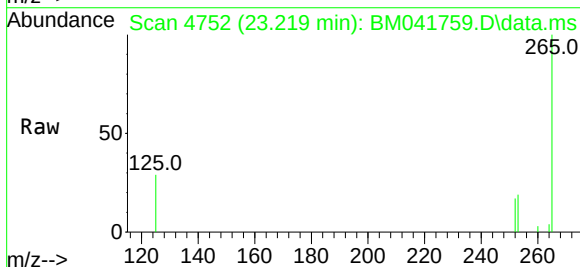
Tgt Ion:252 Resp: 44

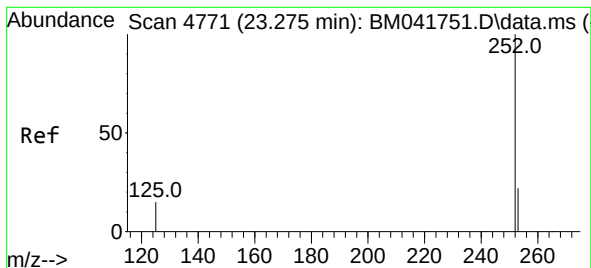
Ion Ratio Lower Upper

252 100

253 113.3 0.0 52.4#

125 171.4 0.0 42.8#





#25

Benzo(k)fluoranthene

Concen: 0.457 ng/ul

RT: 23.269 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

Instrument :

BNA_M

ClientSampleId :

BBJ83

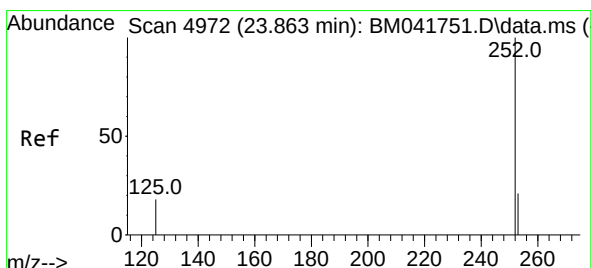
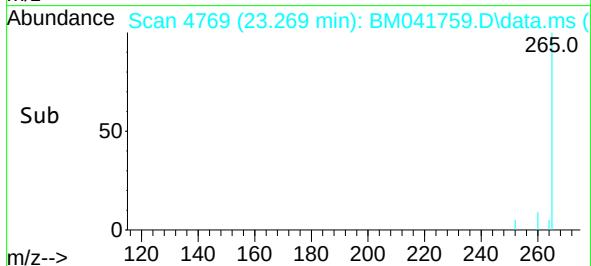
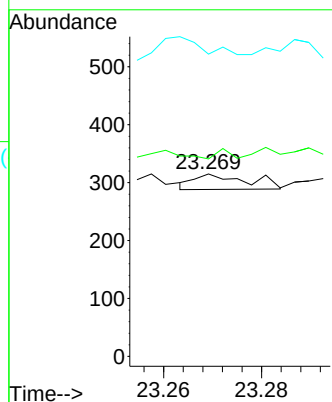
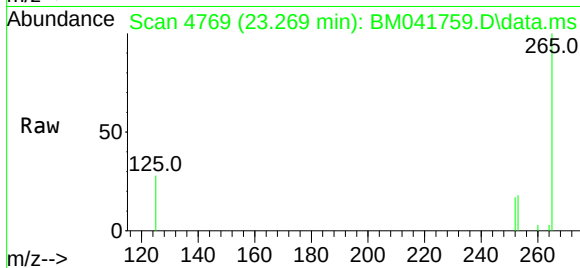
Tgt Ion:252 Resp: 20

Ion Ratio Lower Upper

252 100

253 108.3 21.3 31.9#

125 165.7 17.4 26.0#



#26

Benzo(a)pyrene

Concen: 0.248 ng/ul

RT: 23.851 min Scan# 4968

Delta R.T. -0.012 min

Lab File: BM041759.D

Acq: 09 Sep 2023 21:11

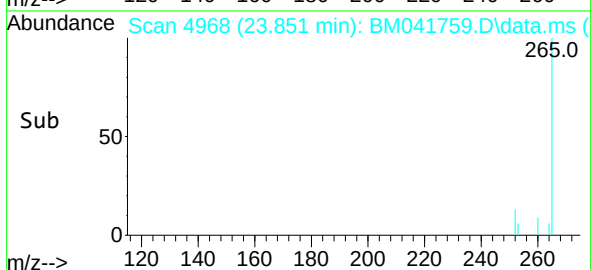
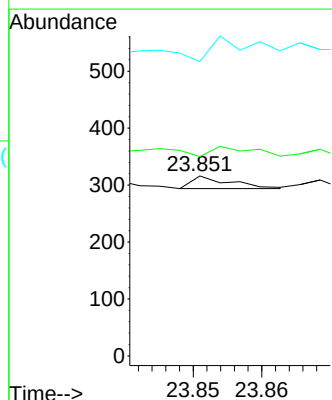
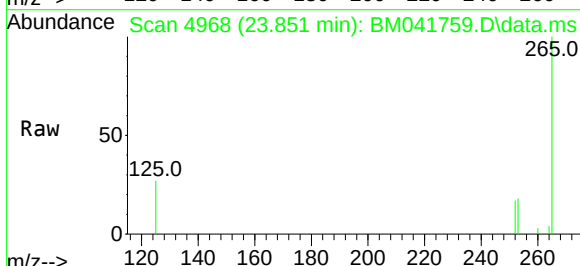
Tgt Ion:252 Resp: 9

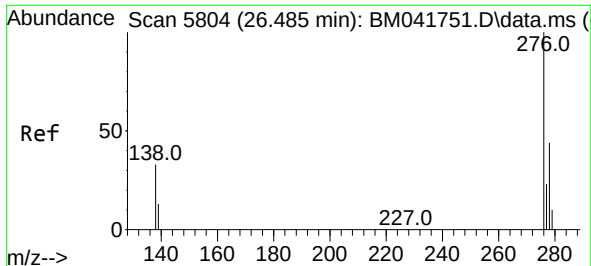
Ion Ratio Lower Upper

252 100

253 110.8 22.4 33.6#

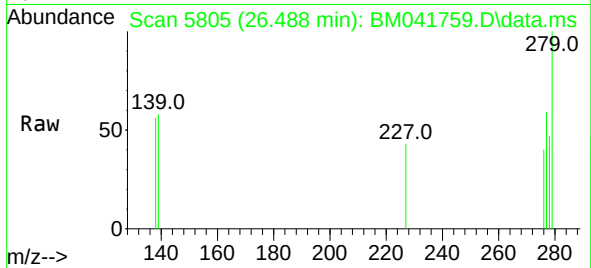
125 163.6 21.0 31.4#



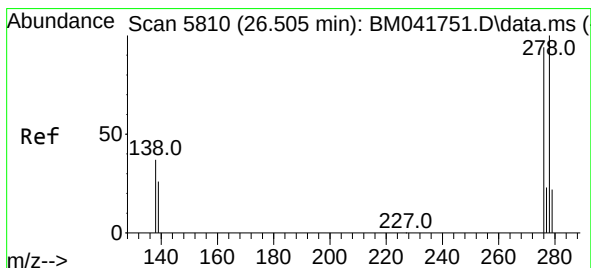
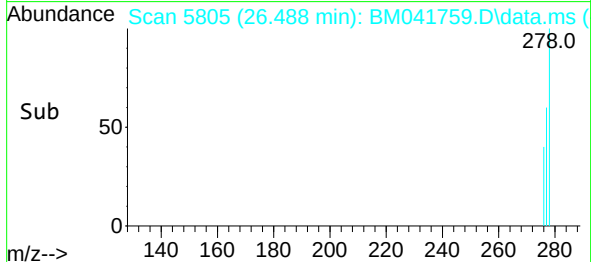
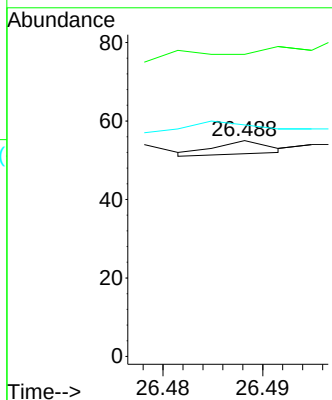


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.488 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

Instrument :
BNA_M
ClientSampleId :
BBJ83

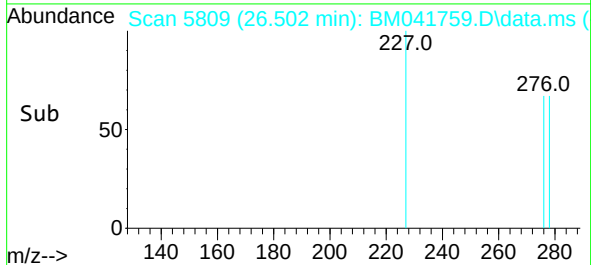
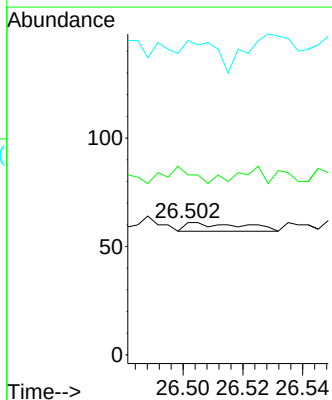
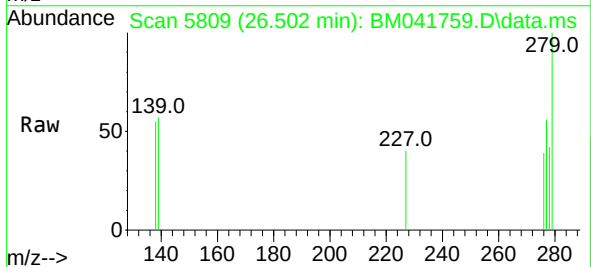


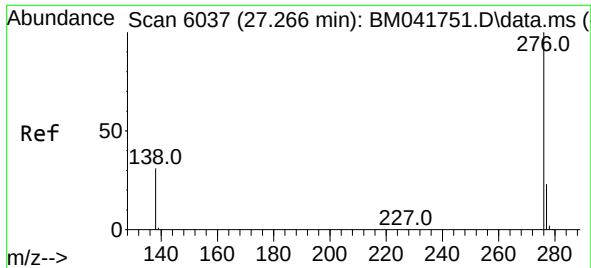
Tgt Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 0.0 26.4 39.6#
227 400.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. -0.003 min
Lab File: BM041759.D
Acq: 09 Sep 2023 21:11

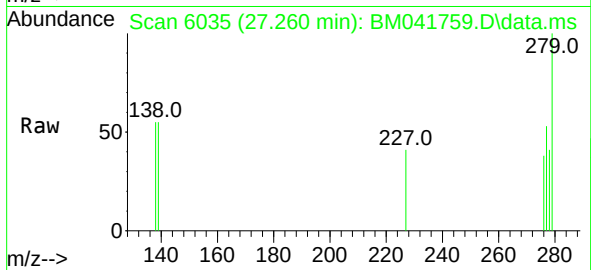
Tgt Ion:278 Resp: 5
Ion Ratio Lower Upper
278 100
139 136.1 23.0 34.6#
279 237.7 22.9 34.3#





#29
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/ul
 RT: 27.260 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BM041759.D
 Acq: 09 Sep 2023 21:11

Instrument :
 BNA_M
 ClientSampleId :
 BBJ83



Tgt Ion:276 Resp: 1
 Ion Ratio Lower Upper
 276 100
 138 143.6 25.0 37.4#
 277 138.2 20.2 30.2#

