

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040307.D
 Acq On : 19 Jun 2023 10:34
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4124

Quant Time: Jun 20 00:12:03 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)

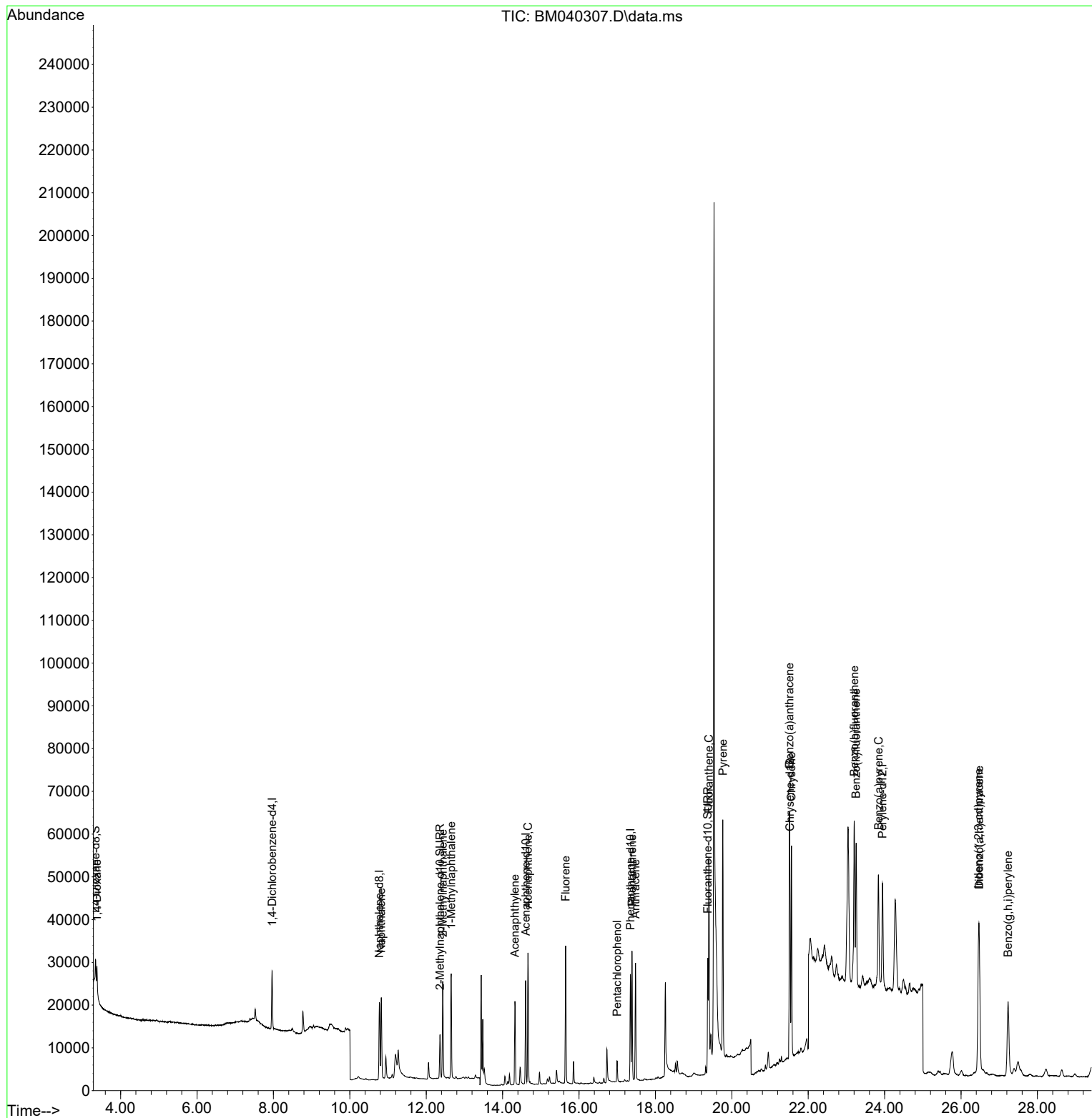
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	7015	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	25322	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.605	164	13574	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	28359	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.523	240	30196	0.400	ng/ul	# 0.00
23) Perylene-d12	23.944	264	33049	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	4625	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	13660	0.425	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	27696	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.380	88	4146	0.456	ng/ul#	1
5) Naphthalene	10.822	128	26351	0.439	ng/ul	99
7) 2-Methylnaphthalene	12.433	142	16052	0.431	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	16625	0.426	ng/ul	99
10) Acenaphthylene	14.323	152	22573	0.475	ng/ul	99
11) Acenaphthene	14.665	153	17872	0.439	ng/ul	99
12) Fluorene	15.650	166	20023	0.441	ng/ul	98
14) Pentachlorophenol	16.994	266	3470	0.600	ng/ul	99
15) Phenanthrene	17.387	178	30996	0.416	ng/ul	98
16) Anthracene	17.480	178	29921	0.474	ng/ul	98
19) Fluoranthene	19.398	202	38354	0.373	ng/ul#	87
20) Pyrene	19.765	202	45962	0.430	ng/ul#	89
21) Benzo(a)anthracene	21.509	228	43745	0.491	ng/ul	99
22) Chrysene	21.561	228	42632	0.453	ng/ul	99
24) Benzo(b)fluoranthene	23.204	252	45697	0.375	ng/ul#	74
25) Benzo(k)fluoranthene	23.254	252	44288	0.386	ng/ul#	84
26) Benzo(a)pyrene	23.839	252	39412	0.394	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.457	276	48158	0.381	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.477	278	38920	0.383	ng/ul#	90
29) Benzo(g,h,i)perylene	27.232	276	38870	0.368	ng/ul	94

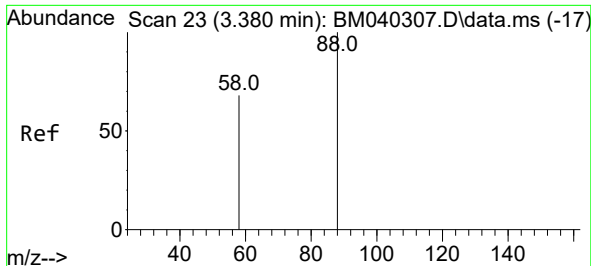
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
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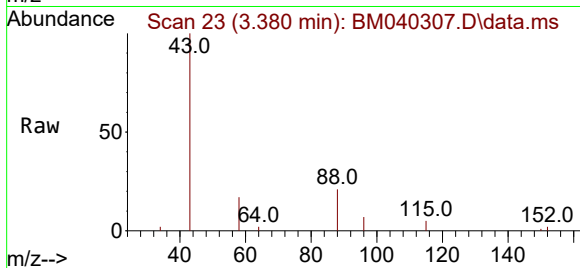
Quant Time: Jun 20 00:12:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration



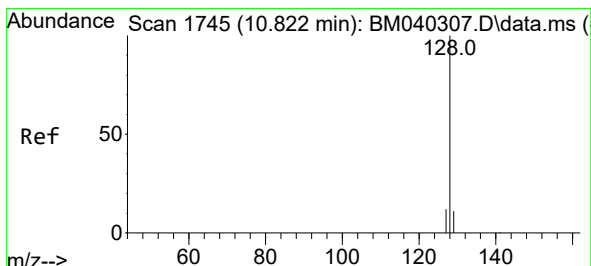
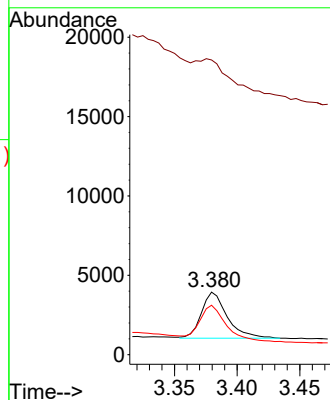
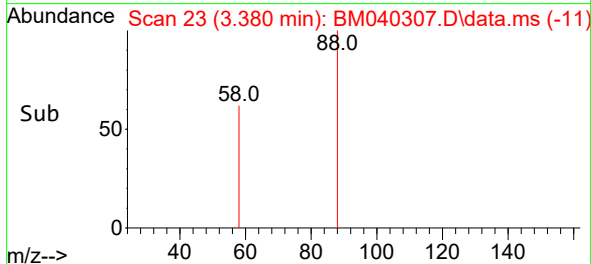


#2
1,4-Dioxane
Concen: 0.456 ng/ul
RT: 3.380 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

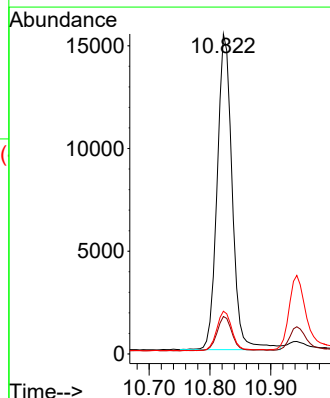
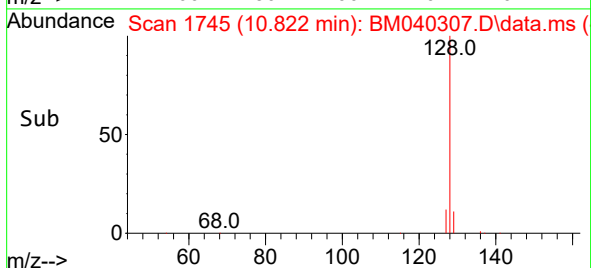
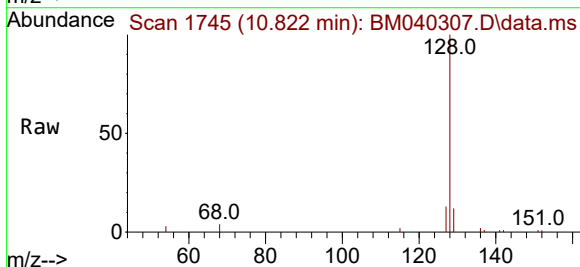


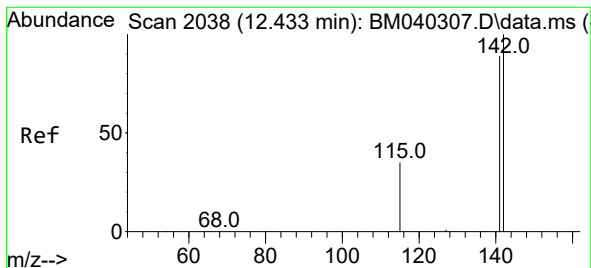
Tgt Ion: 88 Resp: 4146
Ion Ratio Lower Upper
88 100
43 470.9 30.3 45.5#
58 78.9 38.8 58.2#



#5
Naphthalene
Concen: 0.439 ng/ul
RT: 10.822 min Scan# 1745
Delta R.T. -0.011 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion: 128 Resp: 26351
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 10.4 15.6

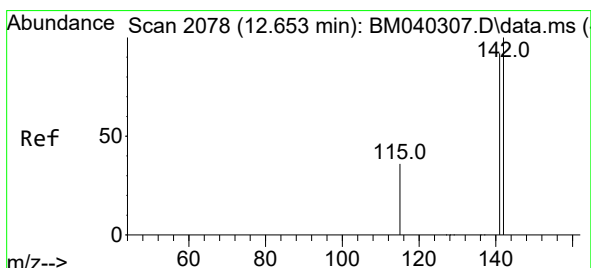
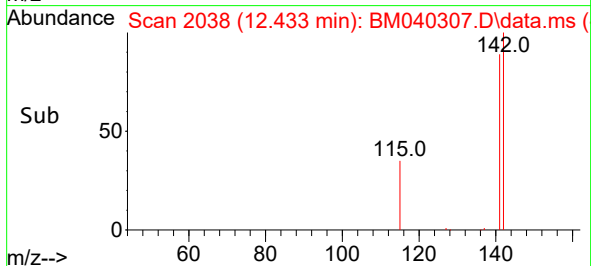
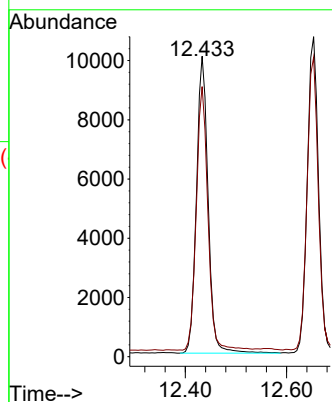
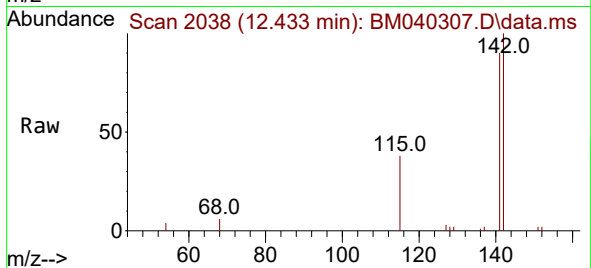




#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

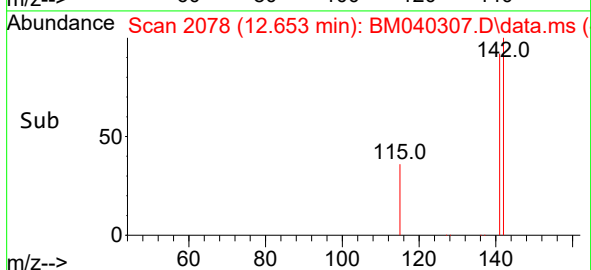
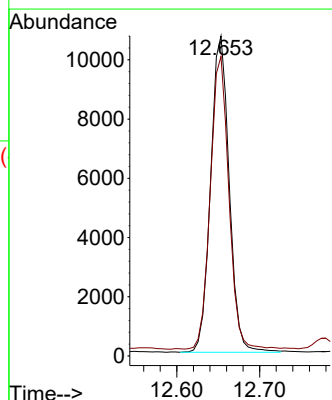
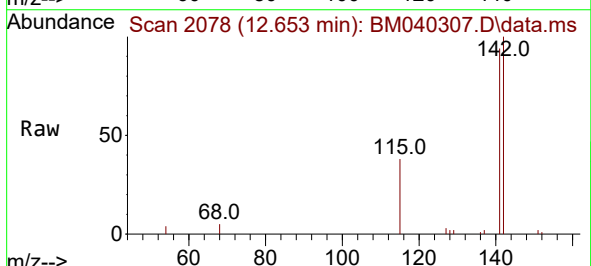
Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

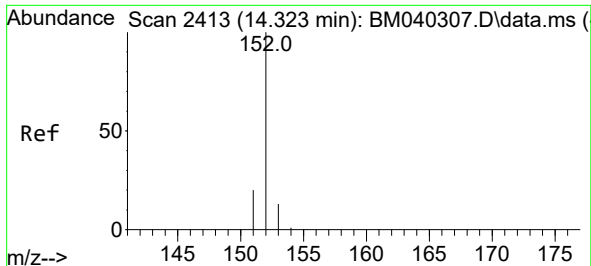
Tgt Ion:142 Resp: 16052
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0



#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion:142 Resp: 16625
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4

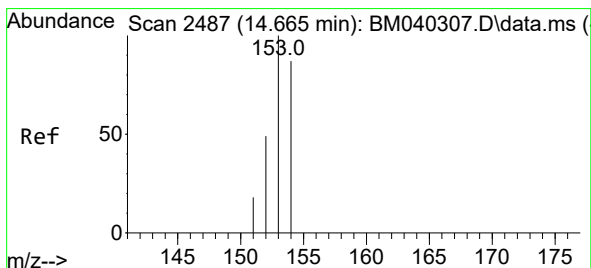
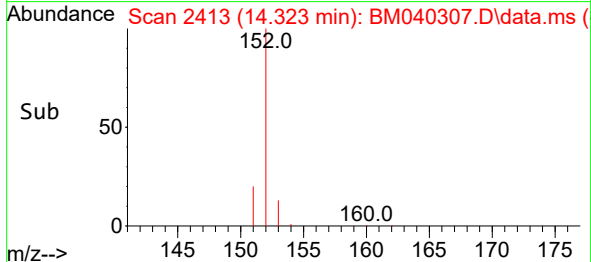
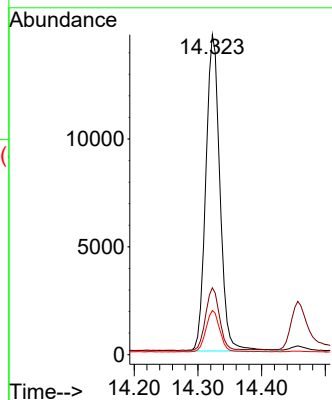
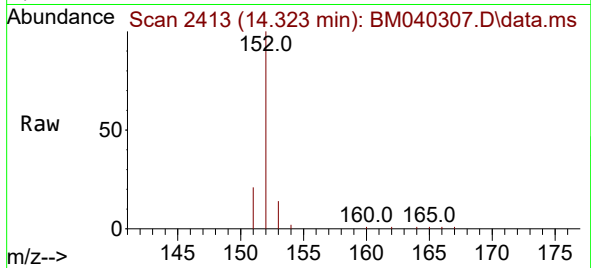




#10
Acenaphthylene
Concen: 0.475 ng/ul
RT: 14.323 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

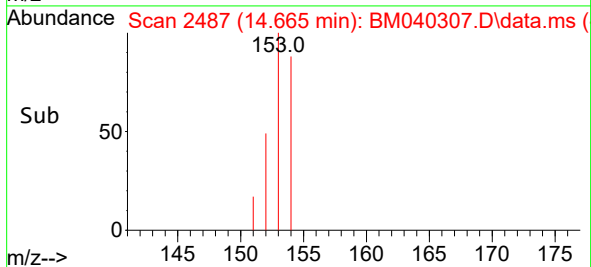
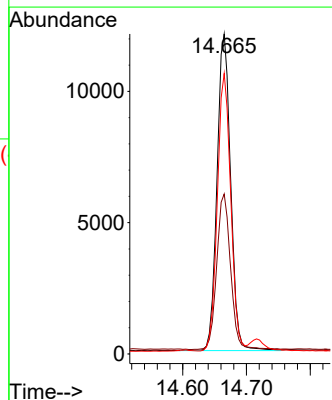
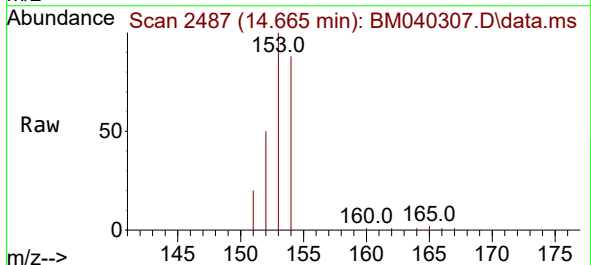
Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

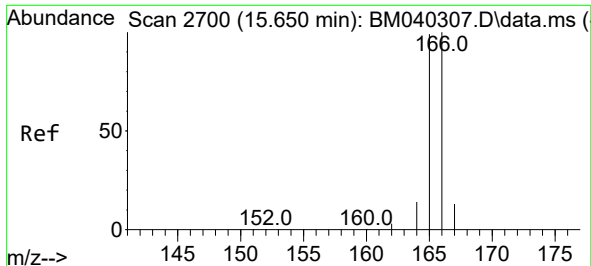
Tgt Ion:152 Resp: 22573
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.8 10.7 16.1



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion:153 Resp: 17872
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 87.6 70.5 105.7

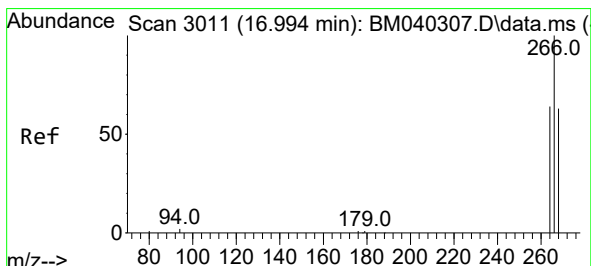
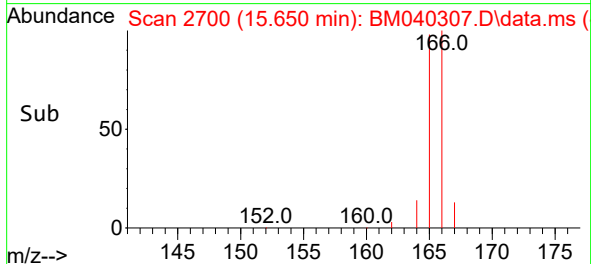
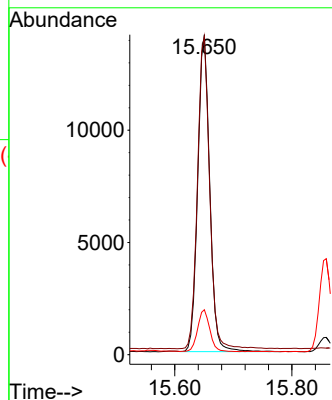
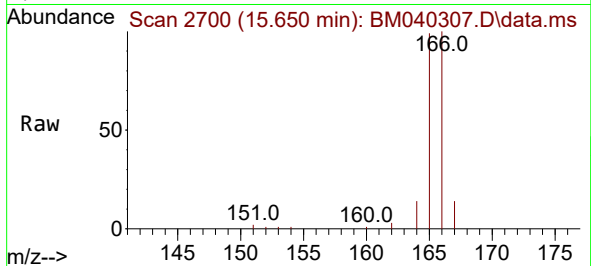




#12
Fluorene
Concen: 0.441 ng/ul
RT: 15.650 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

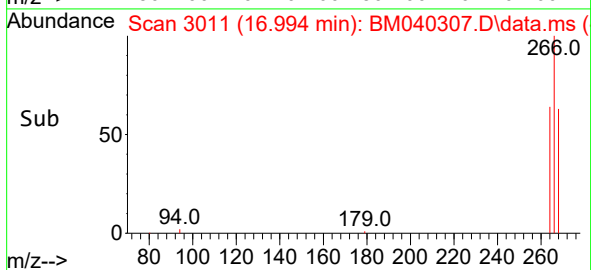
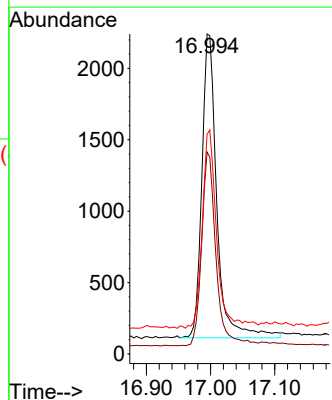
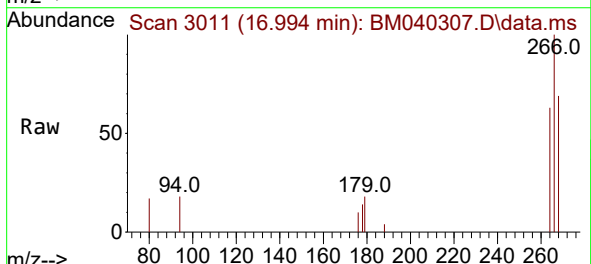
Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

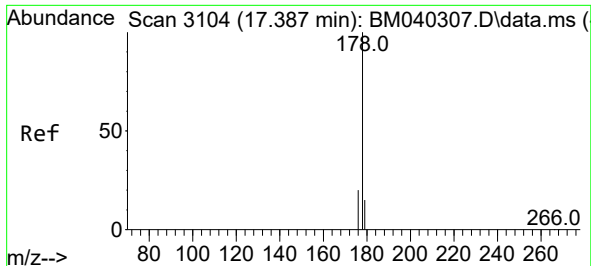
Tgt Ion:166 Resp: 20023
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.4
167 14.1 11.0 16.4



#14
Pentachlorophenol
Concen: 0.600 ng/ul
RT: 16.994 min Scan# 3011
Delta R.T. -0.013 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion:266 Resp: 3470
Ion Ratio Lower Upper
266 100
264 60.7 49.4 74.0
268 62.8 51.3 76.9

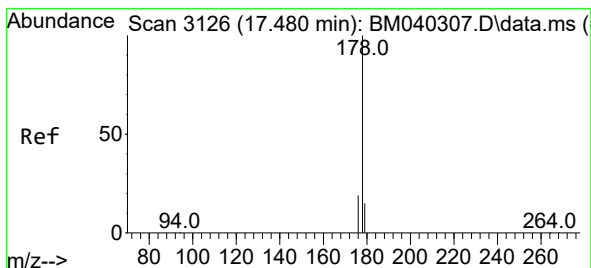
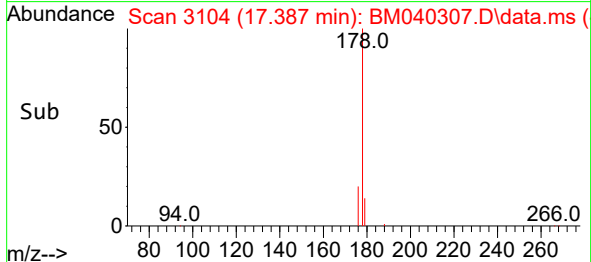
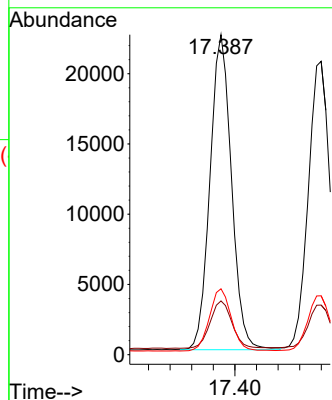
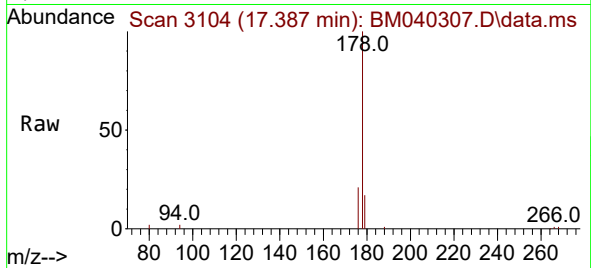




#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.387 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

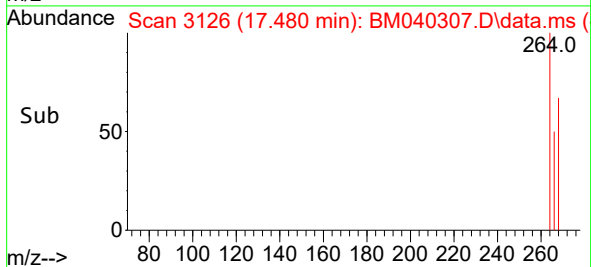
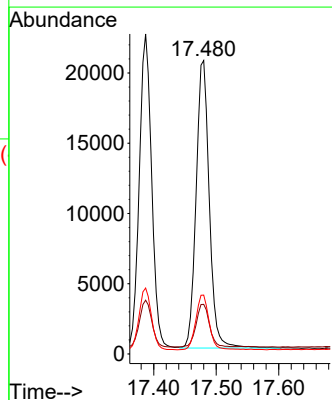
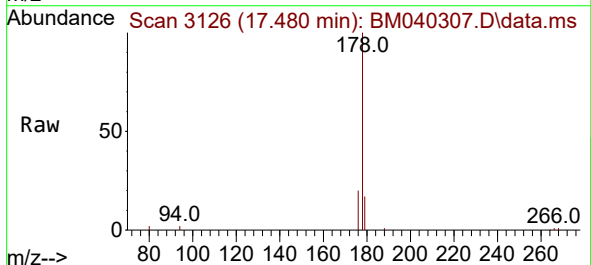
Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

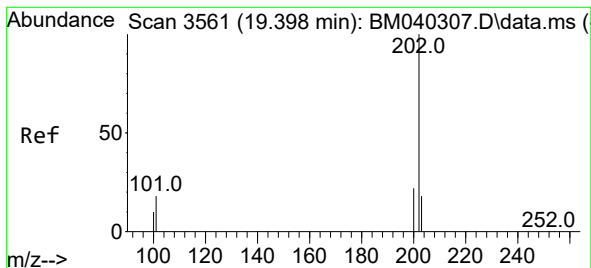
Tgt Ion:178 Resp: 30996
Ion Ratio Lower Upper
178 100
179 16.8 12.6 19.0
176 20.6 16.1 24.1



#16
Anthracene
Concen: 0.474 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion:178 Resp: 29921
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 20.1 15.5 23.3





#19

Fluoranthene

Concen: 0.373 ng/ul

RT: 19.398 min Scan# 3561

Delta R.T. -0.009 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4124

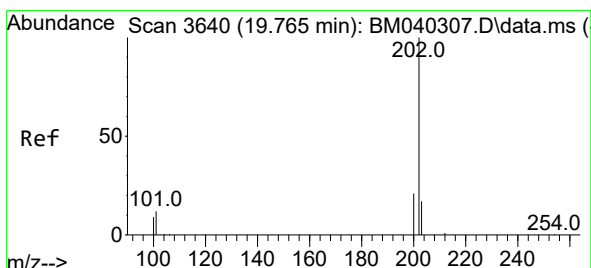
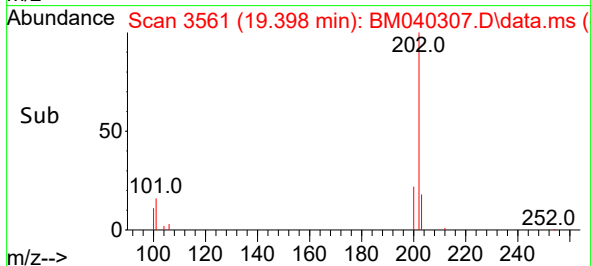
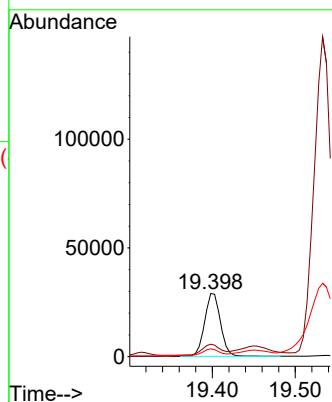
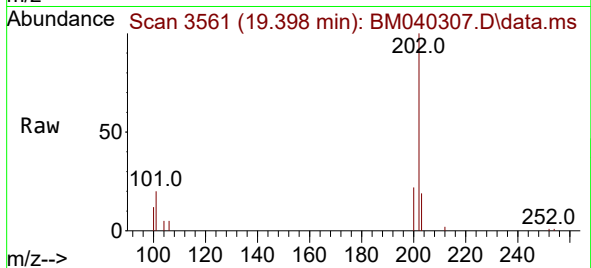
Tgt Ion:202 Resp: 38354

Ion Ratio Lower Upper

202 100

101 19.7 10.2 15.4#

100 12.5 7.6 11.4#



#20

Pyrene

Concen: 0.430 ng/ul

RT: 19.765 min Scan# 3640

Delta R.T. -0.005 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

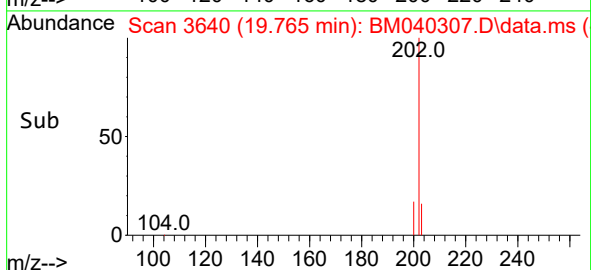
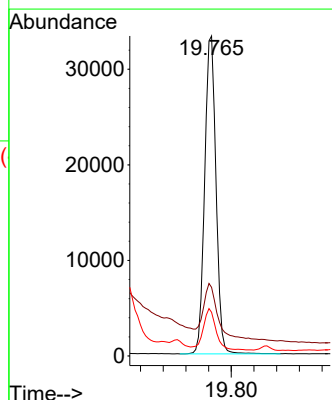
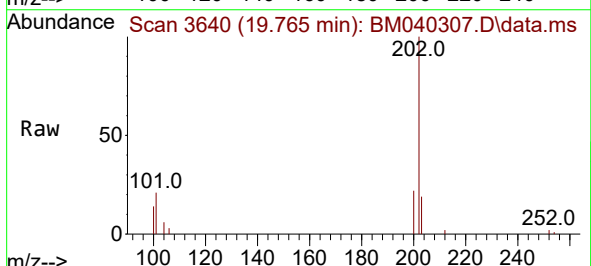
Tgt Ion:202 Resp: 45962

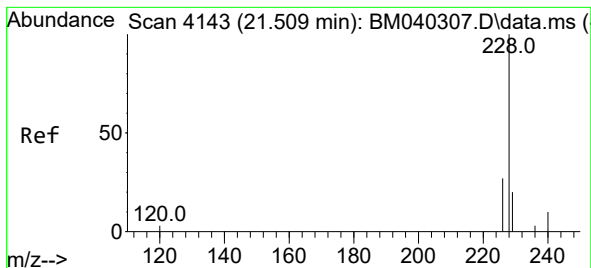
Ion Ratio Lower Upper

202 100

101 21.4 11.8 17.8#

100 13.6 9.3 13.9





#21

Benzo(a)anthracene

Concen: 0.491 ng/ul

RT: 21.509 min Scan# 4143

Delta R.T. -0.006 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4124

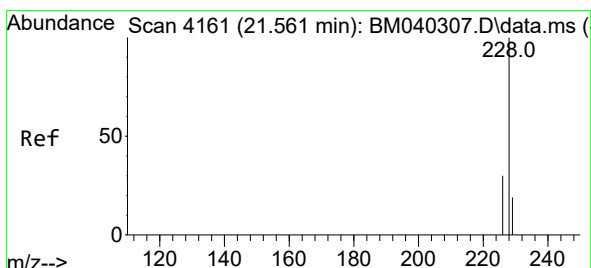
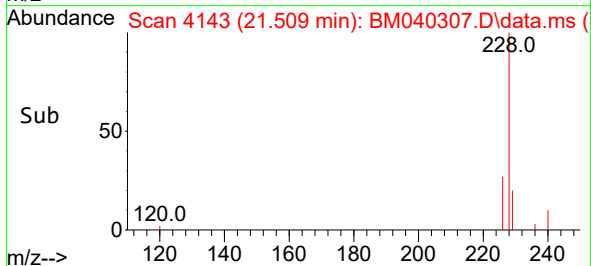
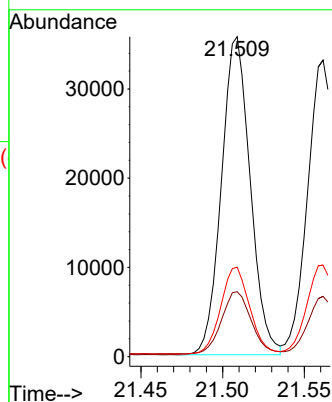
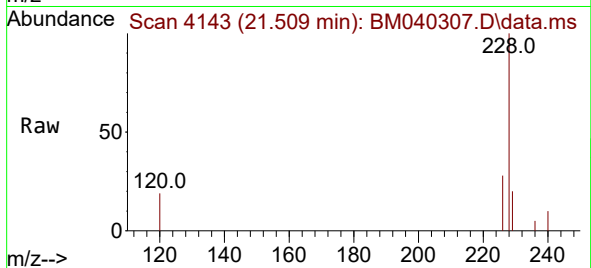
Tgt Ion:228 Resp: 43745

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.8

226 28.0 22.0 33.0



#22

Chrysene

Concen: 0.453 ng/ul

RT: 21.561 min Scan# 4161

Delta R.T. -0.009 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

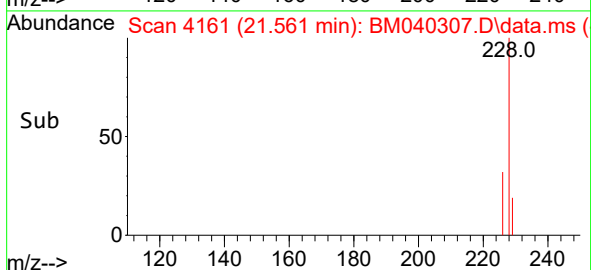
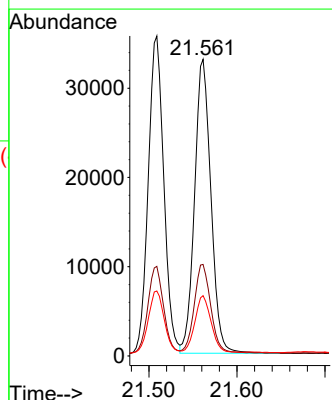
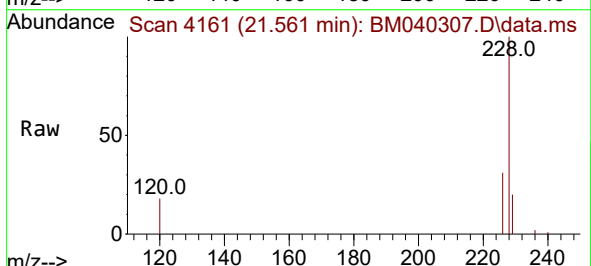
Tgt Ion:228 Resp: 42632

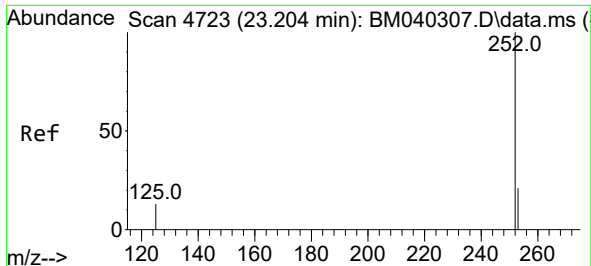
Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.3 15.7 23.5

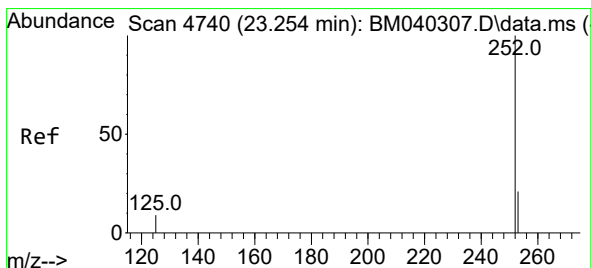
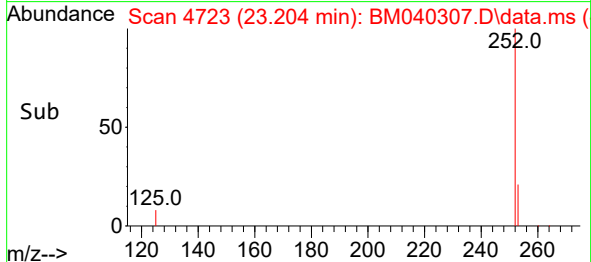
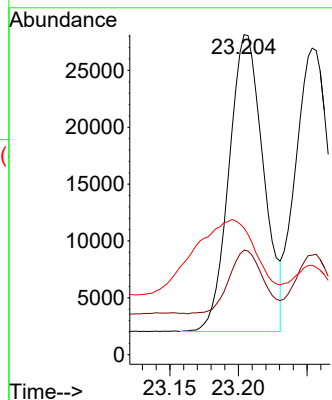
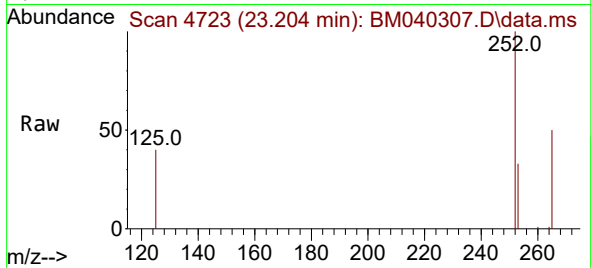




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.204 min Scan# 4723
Delta R.T. -0.012 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

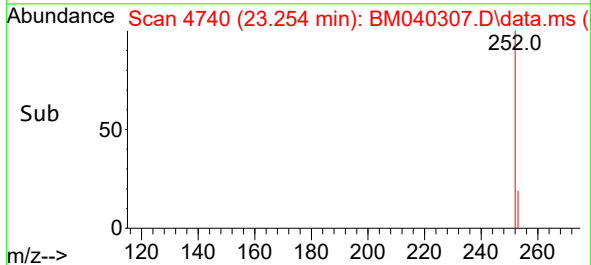
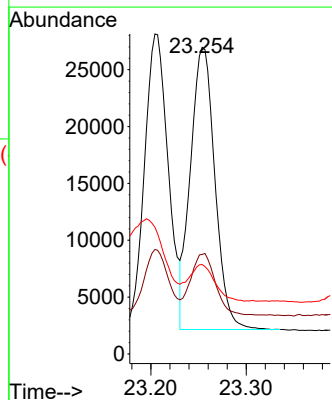
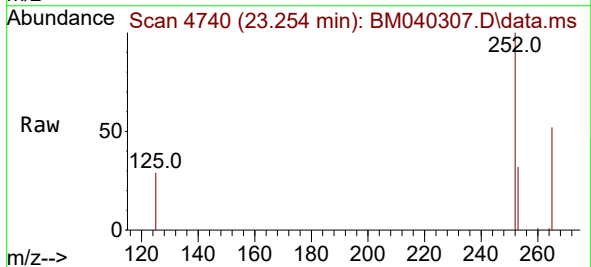
Instrument :
BNA_M
ClientSampleId :
SSTD0.4124

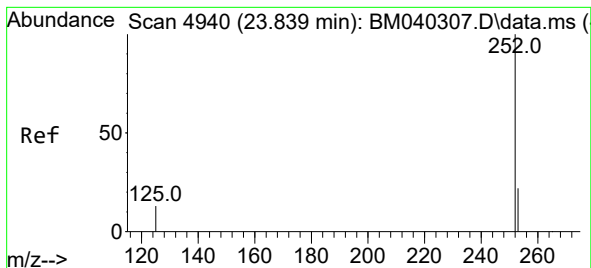
Tgt Ion:252 Resp: 45697
Ion Ratio Lower Upper
252 100
253 32.6 0.0 52.4
125 39.6 0.0 38.4#



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.254 min Scan# 4740
Delta R.T. -0.012 min
Lab File: BM040307.D
Acq: 19 Jun 2023 10:34

Tgt Ion:252 Resp: 44288
Ion Ratio Lower Upper
252 100
253 32.5 21.5 32.3#
125 29.2 14.7 22.1#





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.839 min Scan# 4940

Delta R.T. -0.012 min

Lab File: BM040307.D

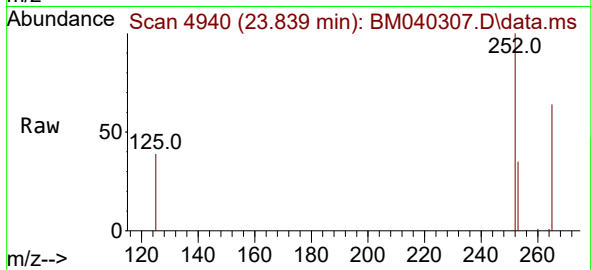
Acq: 19 Jun 2023 10:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4124



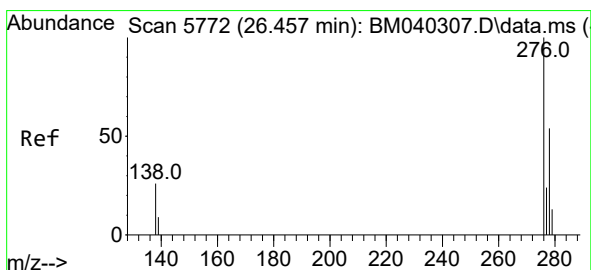
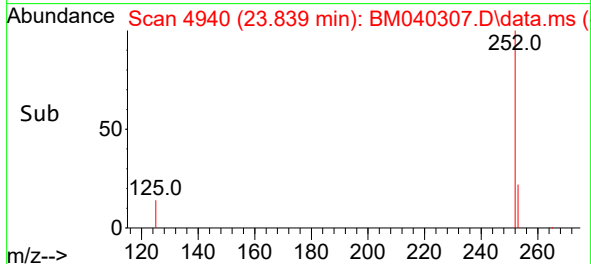
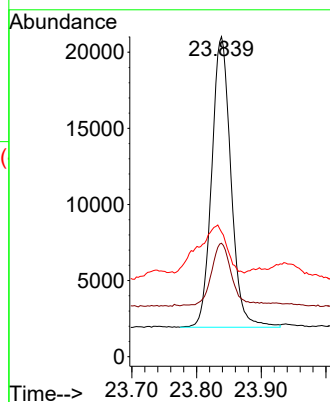
Tgt Ion:252 Resp: 39412

Ion Ratio Lower Upper

252 100

253 35.5 23.4 35.0#

125 38.9 19.7 29.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 26.457 min Scan# 5772

Delta R.T. -0.020 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

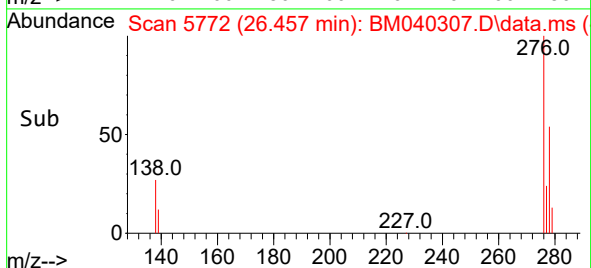
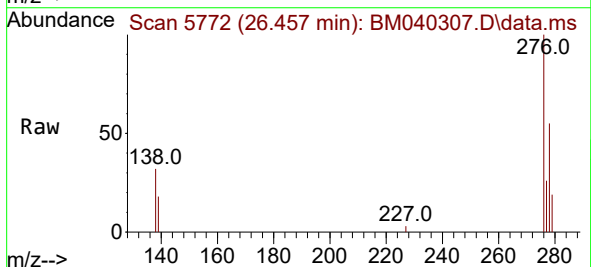
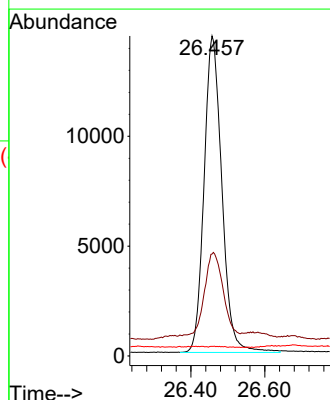
Tgt Ion:276 Resp: 48158

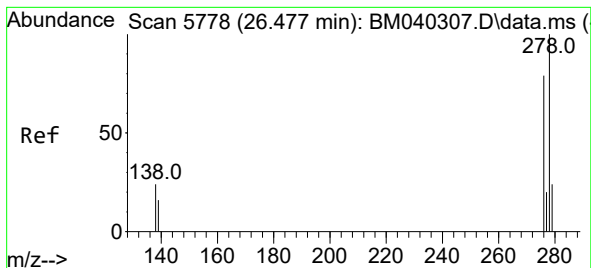
Ion Ratio Lower Upper

276 100

138 31.5 23.3 34.9

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.383 ng/ul

RT: 26.477 min Scan# 5

Delta R.T. -0.020 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

Instrument :

BNA_M

ClientSampleId :

SSTD0.4124

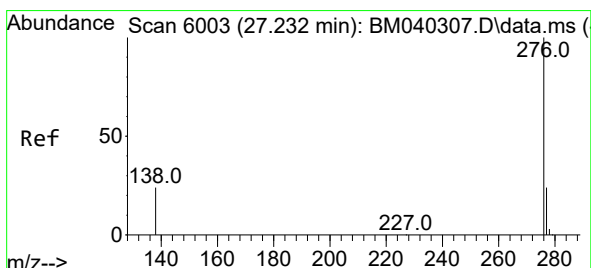
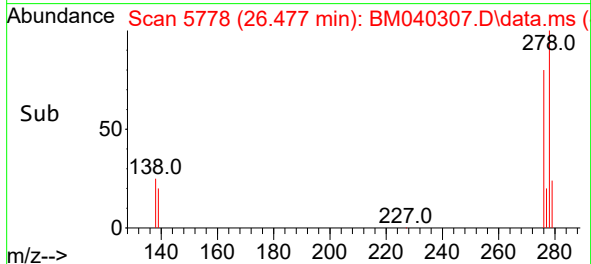
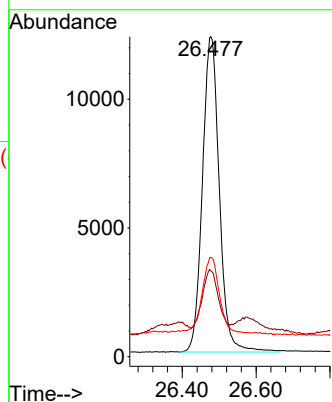
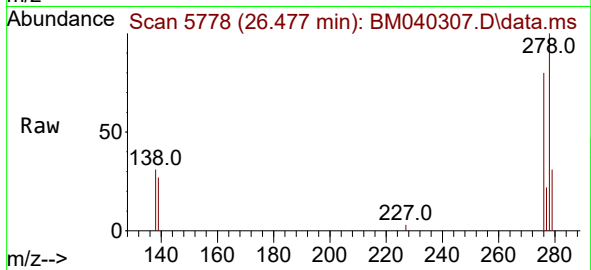
Tgt Ion:278 Resp: 38920

Ion Ratio Lower Upper

278 100

139 26.7 16.4 24.6#

279 31.1 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.368 ng/ul

RT: 27.232 min Scan# 6003

Delta R.T. -0.024 min

Lab File: BM040307.D

Acq: 19 Jun 2023 10:34

Tgt Ion:276 Resp: 38870

Ion Ratio Lower Upper

276 100

138 30.3 21.0 31.4

277 26.1 19.6 29.4

