

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040460.D
 Acq On : 30 Jun 2023 07:49
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4139

Quant Time: Jul 01 03:01:52 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)

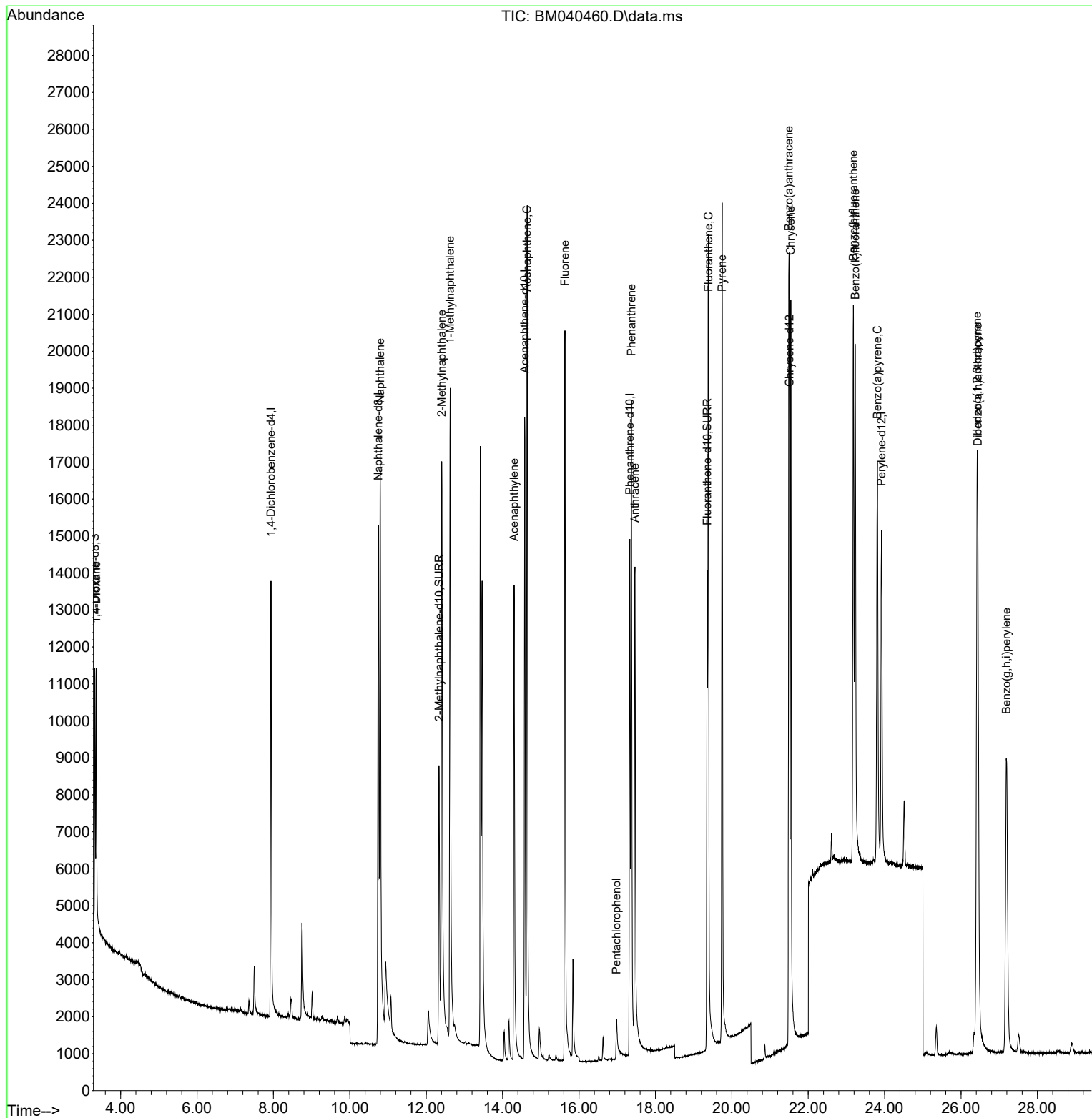
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	24770	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	10829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	18911	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13416	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	13875	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	4019	0.359	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	13432	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	16489	0.383	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	4163	0.365	ng/ul	95
5) Naphthalene	10.794	128	26957	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.406	142	15311	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	14910	0.372	ng/ul	99
10) Acenaphthylene	14.299	152	18934	0.391	ng/ul	99
11) Acenaphthene	14.642	153	15646	0.383	ng/ul	99
12) Fluorene	15.632	166	16050	0.368	ng/ul	100
14) Pentachlorophenol	16.982	266	1495	0.411	ng/ul	92
15) Phenanthrene	17.370	178	21871	0.372	ng/ul	99
16) Anthracene	17.463	178	18581	0.376	ng/ul	99
19) Fluoranthene	19.384	202	21495	0.377	ng/ul	99
20) Pyrene	19.747	202	22538	0.369	ng/ul	100
21) Benzo(a)anthracene	21.491	228	18085	0.399	ng/ul	99
22) Chrysene	21.544	228	19247	0.372	ng/ul	100
24) Benzo(b)fluoranthene	23.181	252	20707	0.386	ng/ul	98
25) Benzo(k)fluoranthene	23.227	252	19809	0.374	ng/ul	98
26) Benzo(a)pyrene	23.812	252	18514	0.383	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.420	276	24217	0.360	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.437	278	19099	0.362	ng/ul	100
29) Benzo(g,h,i)perylene	27.185	276	20405	0.346	ng/ul	99

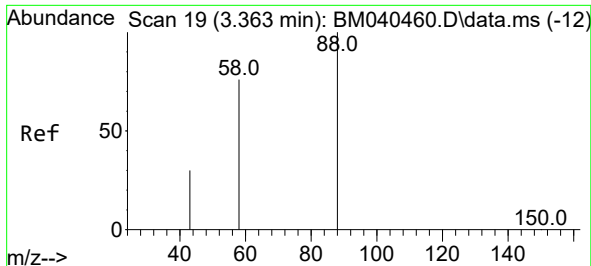
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
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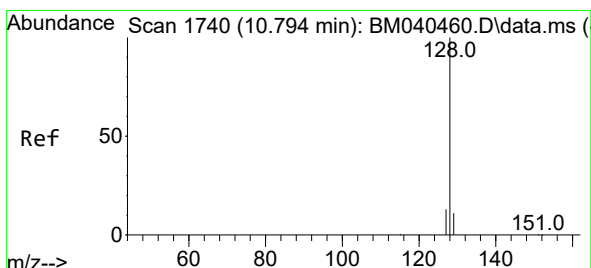
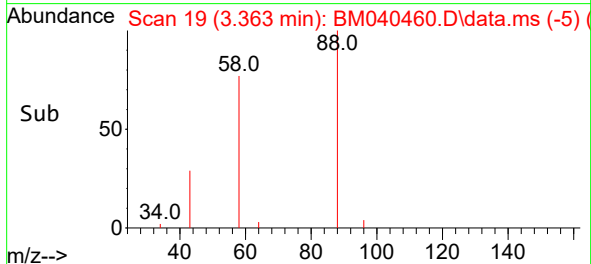
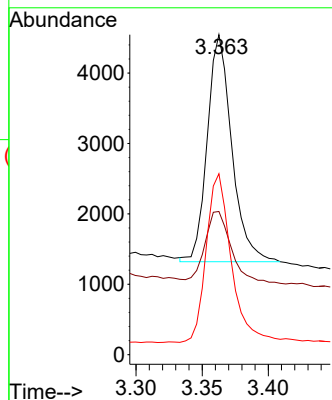
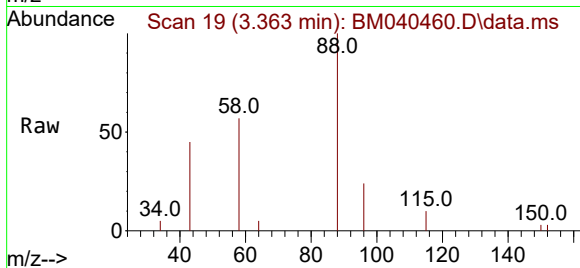




#2
1,4-Dioxane
Concen: 0.365 ng/ul
RT: 3.363 min Scan# 19
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

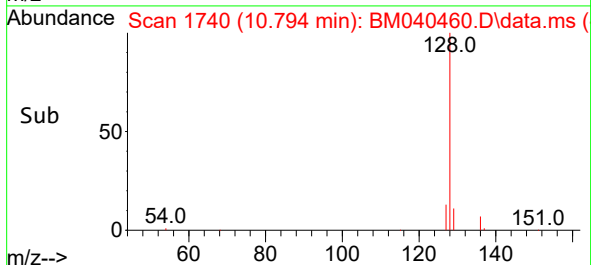
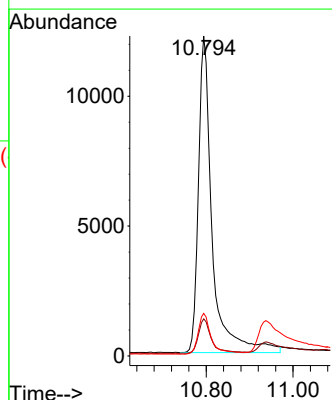
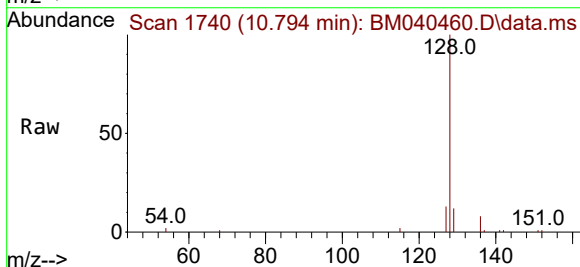
Instrument :
BNA_M
ClientSampleId :
SSTD0.4139

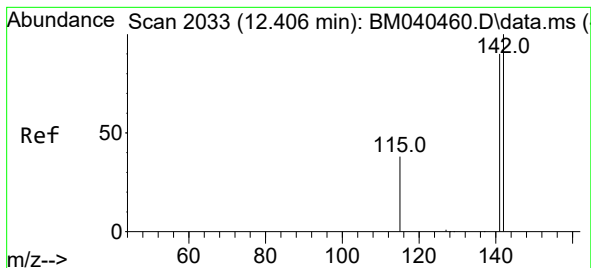
Tgt Ion: 88 Resp: 4163
Ion Ratio Lower Upper
88 100
43 44.7 36.1 54.1
58 56.5 49.8 74.8



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.794 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

Tgt Ion: 128 Resp: 26957
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.6 15.8

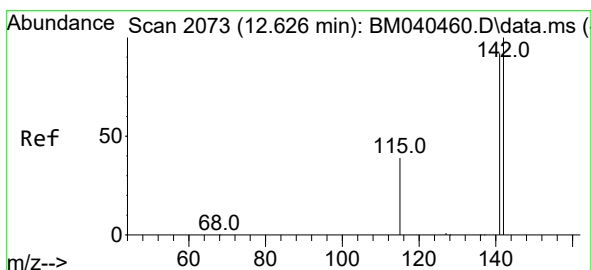
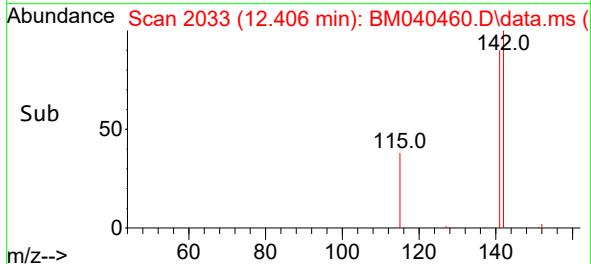
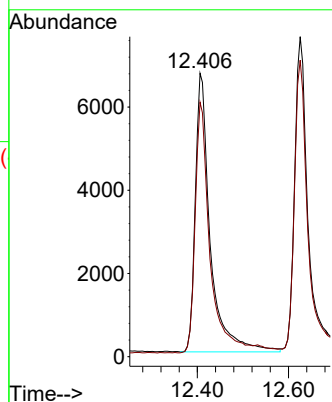
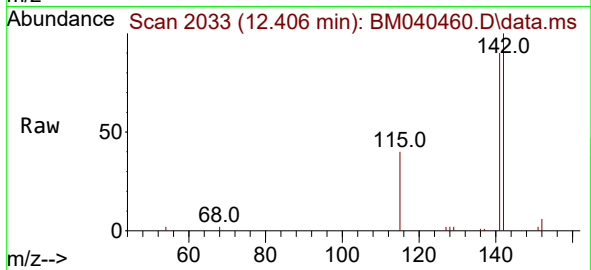




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

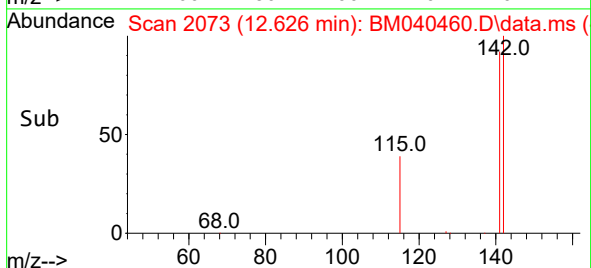
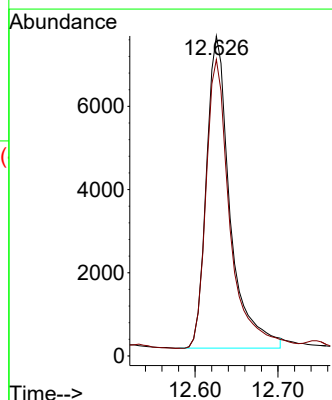
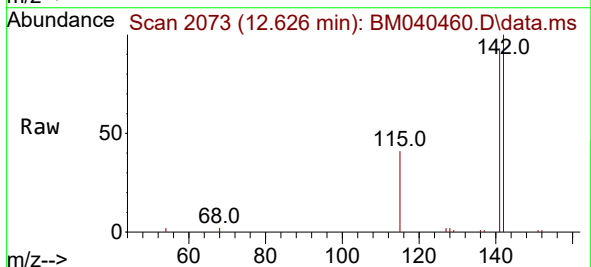
Instrument :
BNA_M
ClientSampleId :
SSTD0.4139

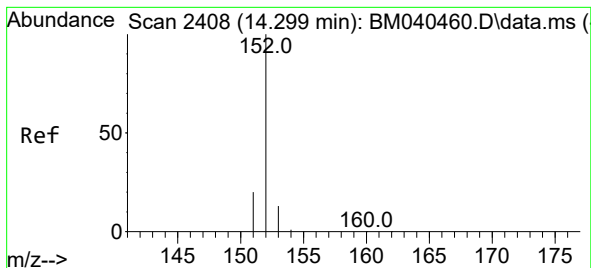
Tgt Ion:142 Resp: 15311
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

Tgt Ion:142 Resp: 14910
Ion Ratio Lower Upper
142 100
141 92.8 73.7 110.5





#10

Acenaphthylene

Concen: 0.391 ng/ul

RT: 14.299 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4139

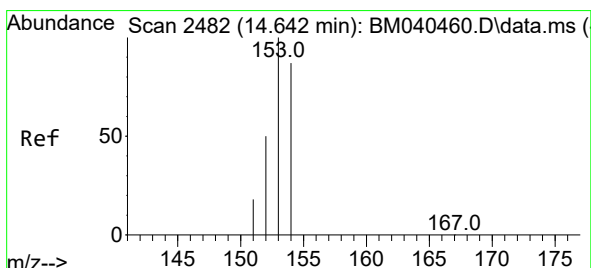
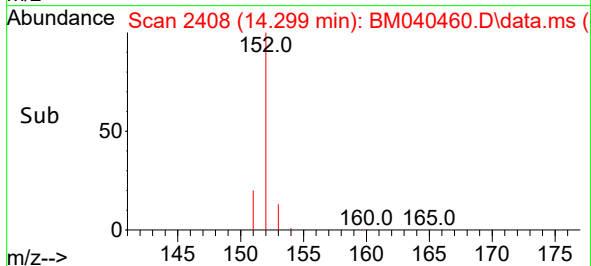
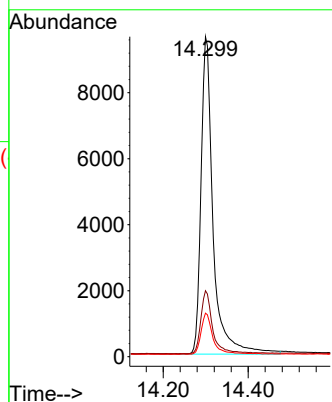
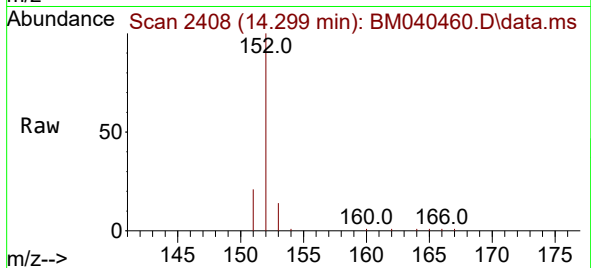
Tgt Ion:152 Resp: 18934

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.6 10.9 16.3



#11

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.642 min Scan# 2482

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

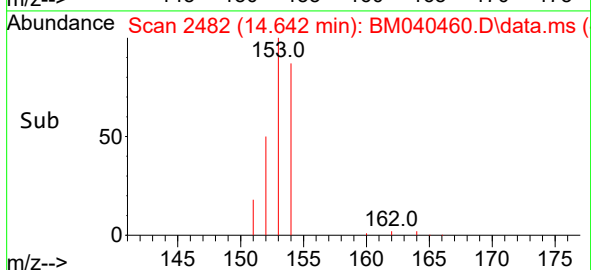
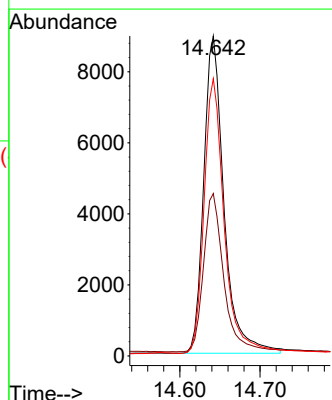
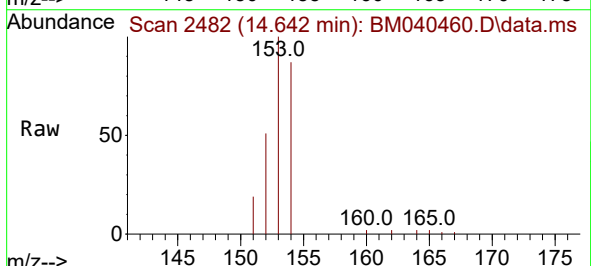
Tgt Ion:153 Resp: 15646

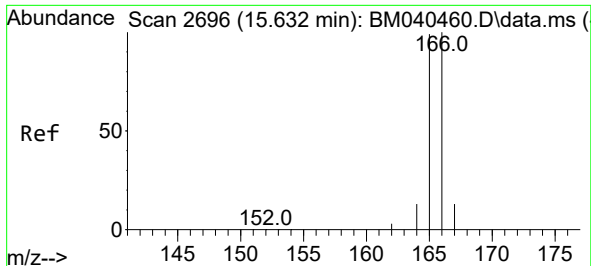
Ion Ratio Lower Upper

153 100

152 50.7 41.0 61.4

154 86.7 70.8 106.2

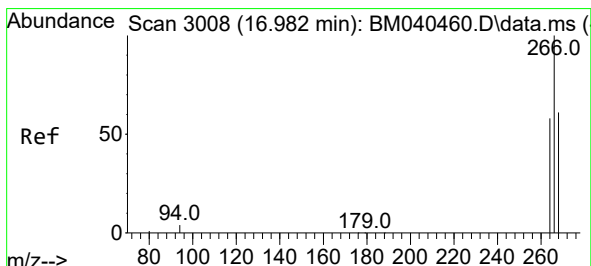
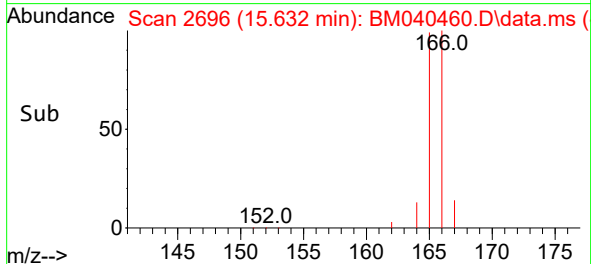
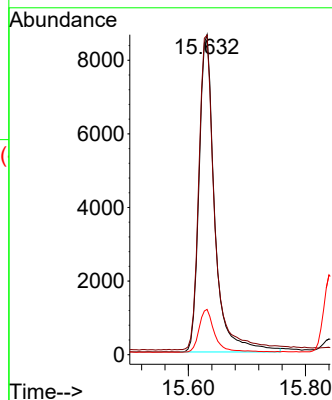
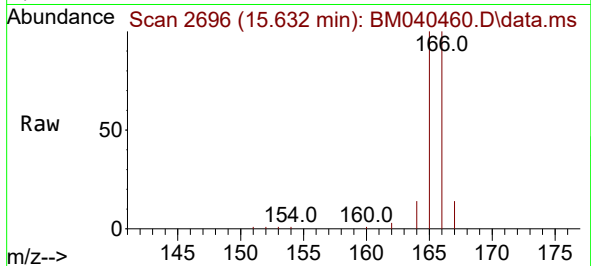




#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.632 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

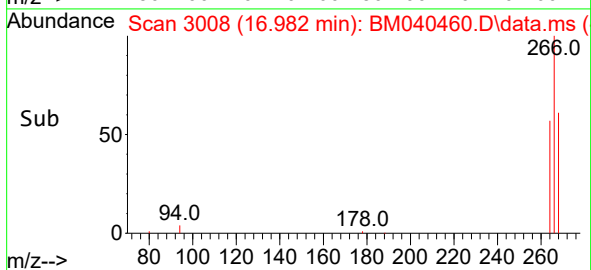
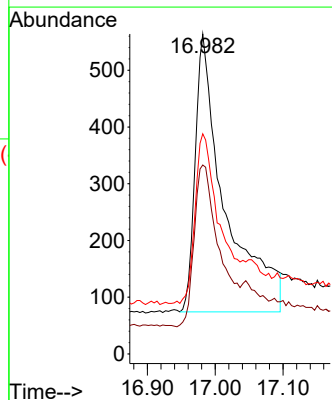
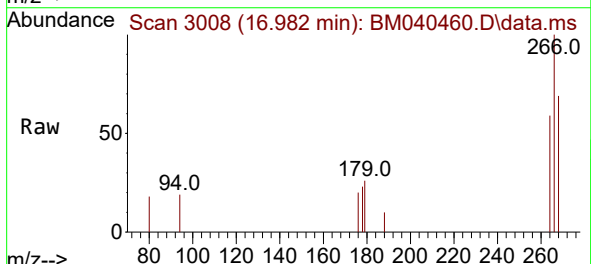
Instrument :
BNA_M
ClientSampleId :
SSTD0.4139

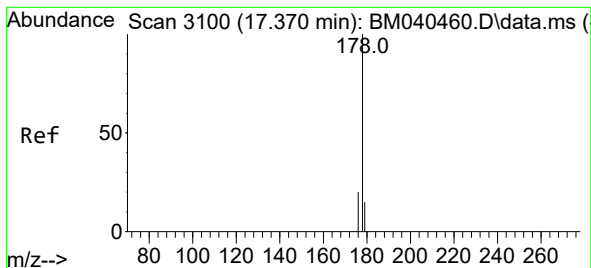
Tgt Ion:166 Resp: 16050
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.982 min Scan# 3008
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

Tgt Ion:266 Resp: 1495
Ion Ratio Lower Upper
266 100
264 62.5 45.4 68.0
268 64.5 47.2 70.8





#15

Phenanthrene

Concen: 0.372 ng/ul

RT: 17.370 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4139

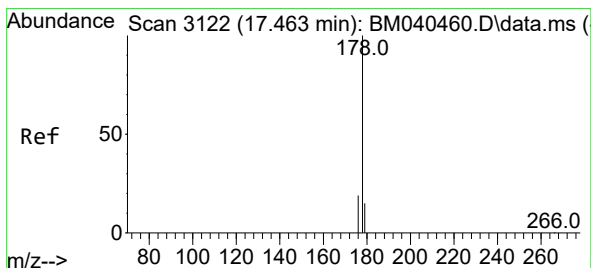
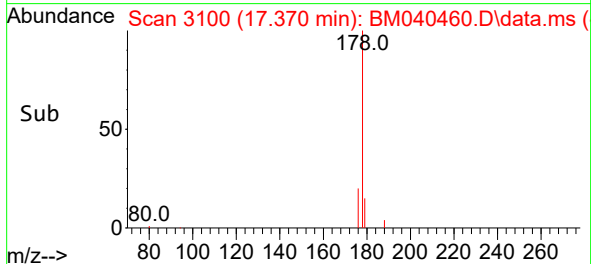
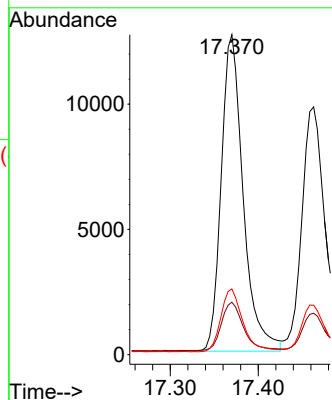
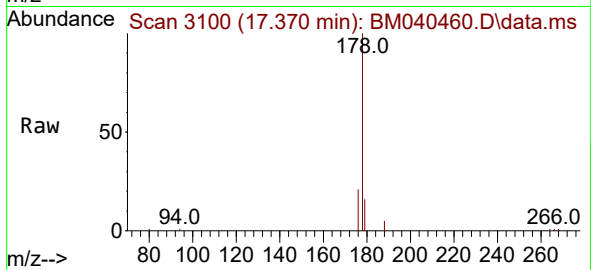
Tgt Ion:178 Resp: 21871

Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 20.6 16.4 24.6



#16

Anthracene

Concen: 0.376 ng/ul

RT: 17.463 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

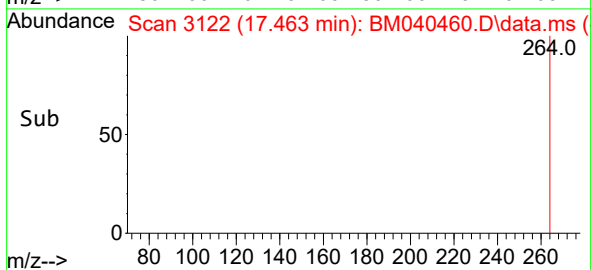
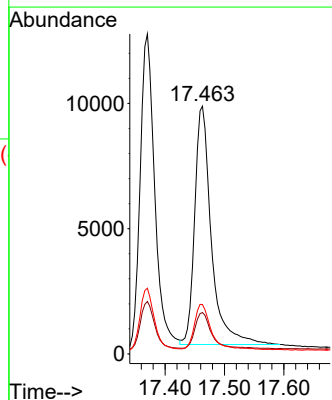
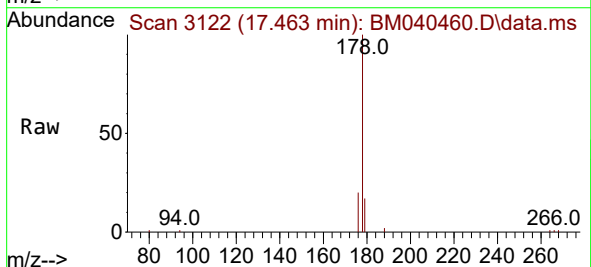
Tgt Ion:178 Resp: 18581

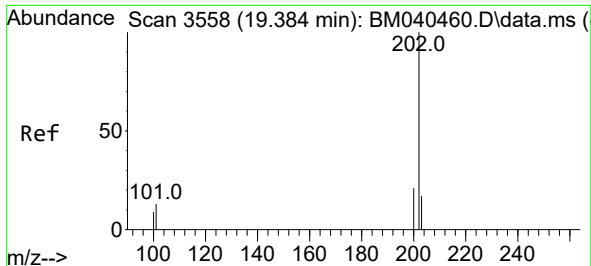
Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

176 20.0 15.8 23.6

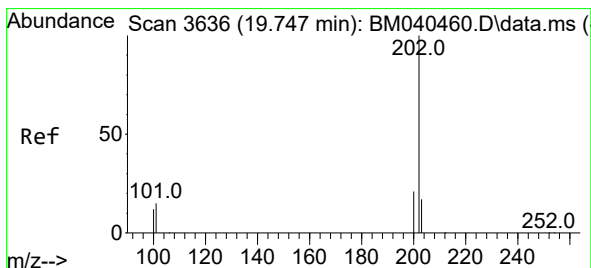
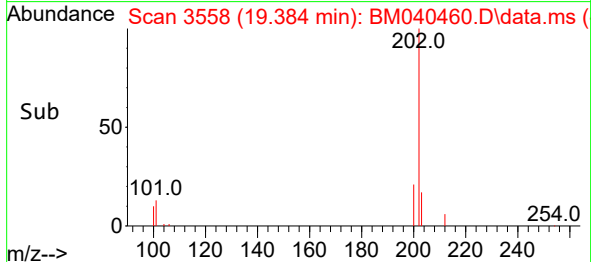
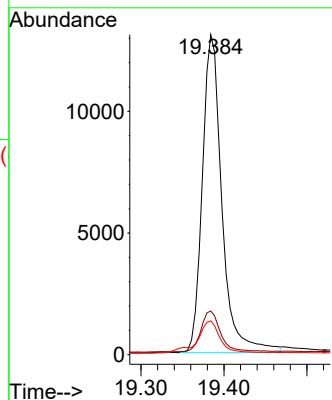
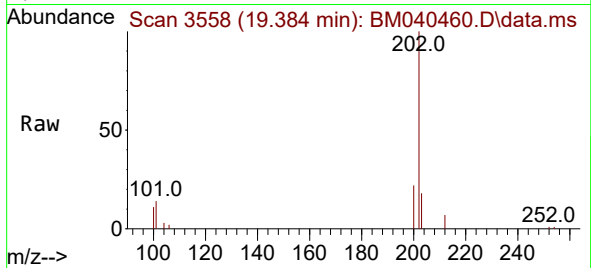




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

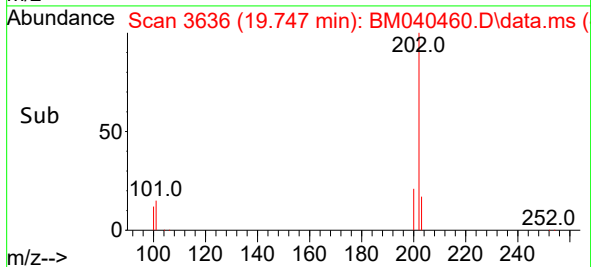
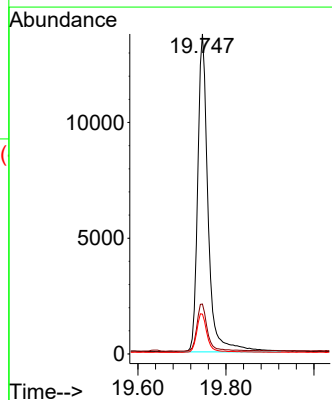
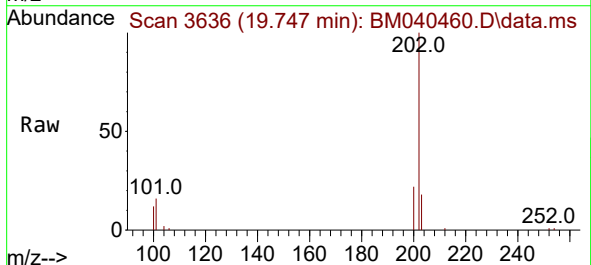
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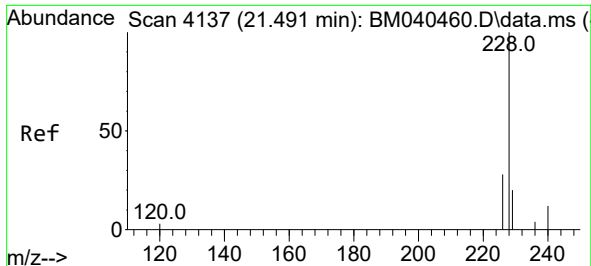
Tgt Ion:202 Resp: 21495
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

Tgt Ion:202 Resp: 22538
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 12.4 9.8 14.6

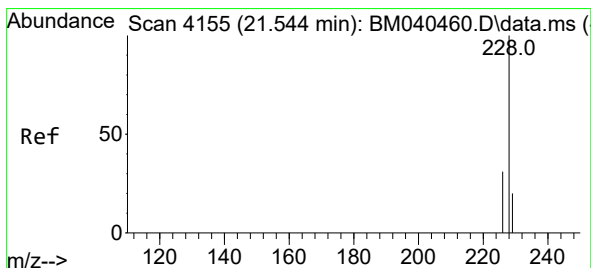
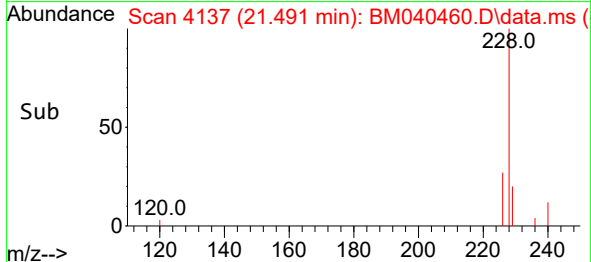
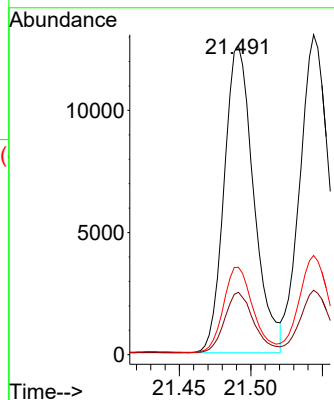
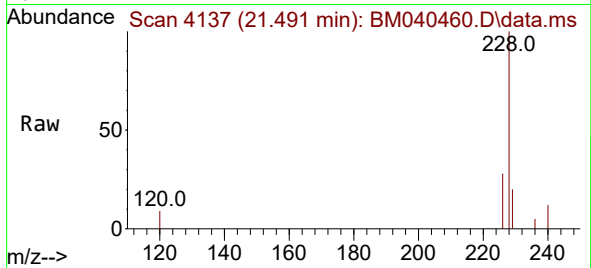




#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

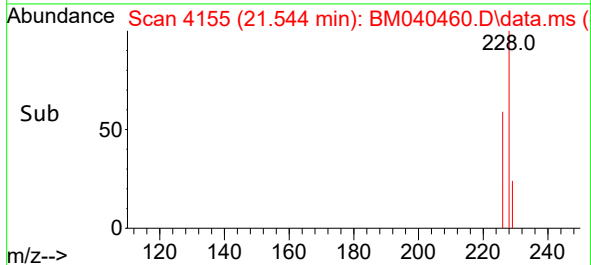
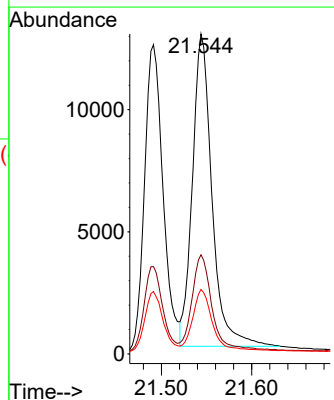
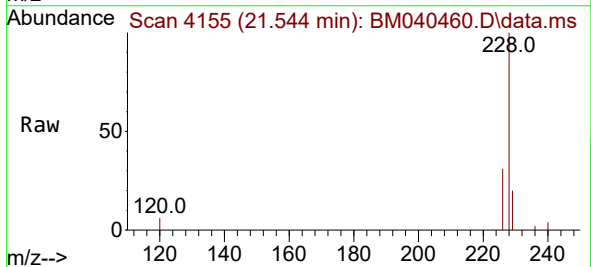
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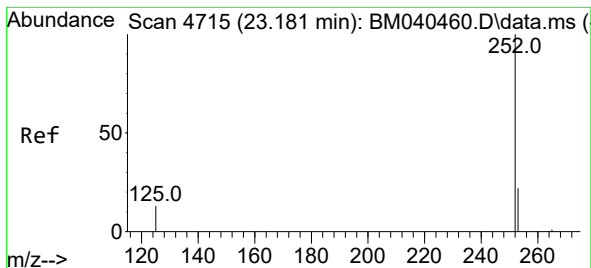
Tgt Ion:228 Resp: 18085
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.2 22.3 33.5



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040460.D
Acq: 30 Jun 2023 07:49

Tgt Ion:228 Resp: 19247
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 20.1 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.386 ng/ul

RT: 23.181 min Scan# 4715

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4139

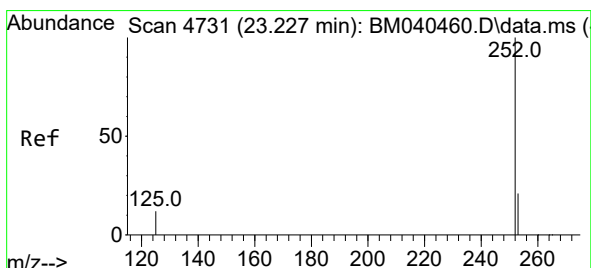
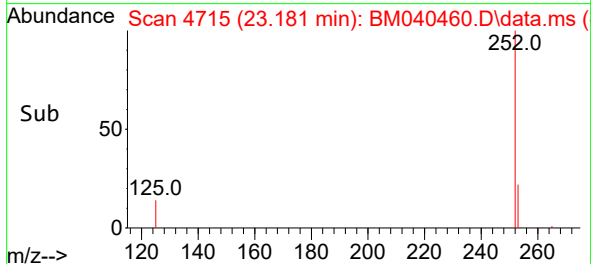
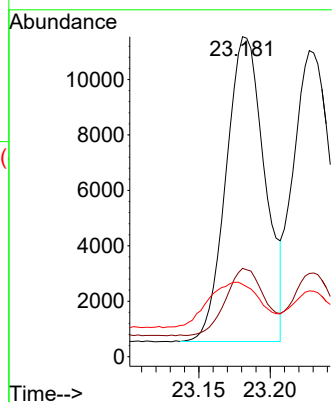
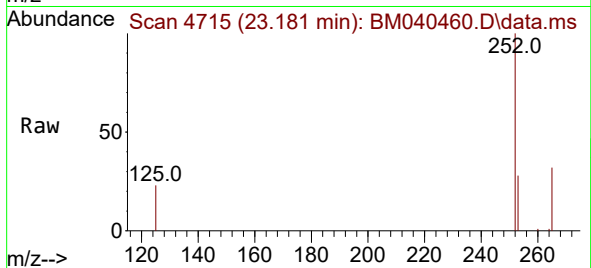
Tgt Ion:252 Resp: 20707

Ion Ratio Lower Upper

252 100

253 27.6 0.0 52.8

125 22.6 0.0 43.0



#25

Benzo(k)fluoranthene

Concen: 0.374 ng/ul

RT: 23.227 min Scan# 4731

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

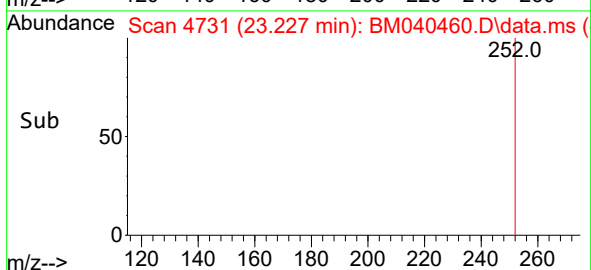
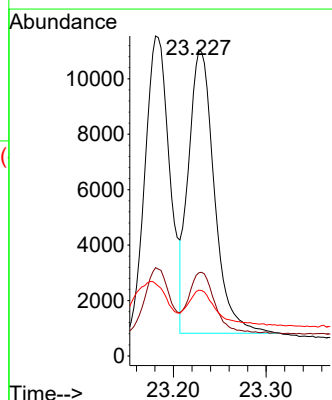
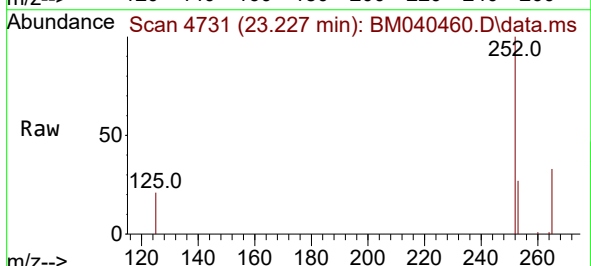
Tgt Ion:252 Resp: 19809

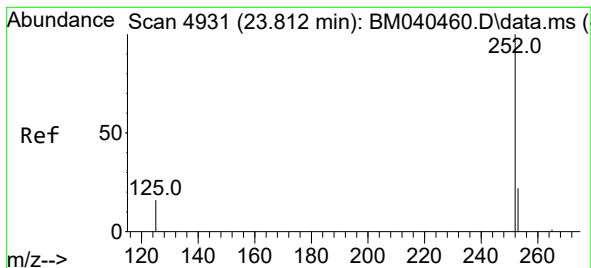
Ion Ratio Lower Upper

252 100

253 27.2 21.2 31.8

125 21.5 16.4 24.6





#26

Benzo(a)pyrene

Concen: 0.383 ng/ul

RT: 23.812 min Scan# 4931

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.4139

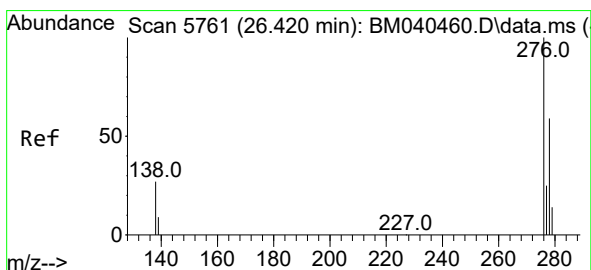
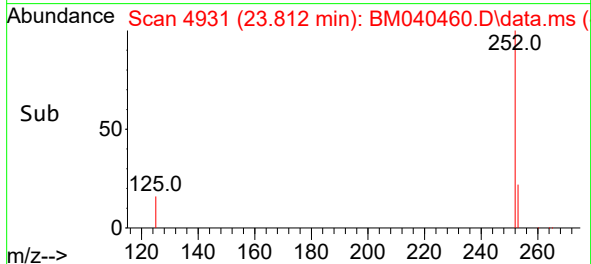
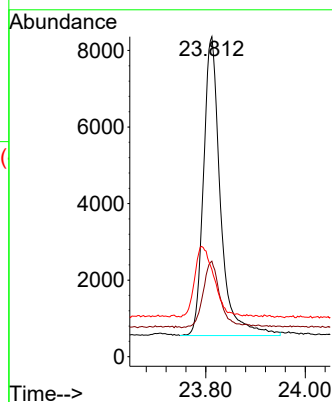
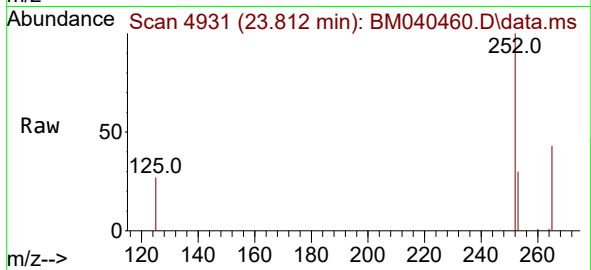
Tgt Ion:252 Resp: 18514

Ion Ratio Lower Upper

252 100

253 29.9 22.9 34.3

125 27.2 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.420 min Scan# 5761

Delta R.T. 0.000 min

Lab File: BM040460.D

Acq: 30 Jun 2023 07:49

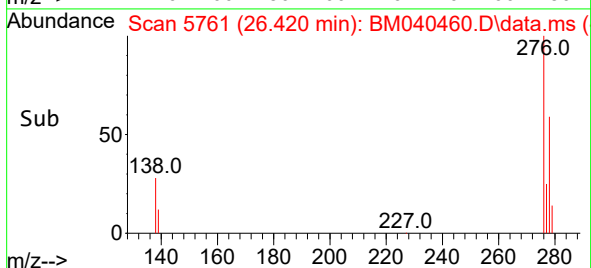
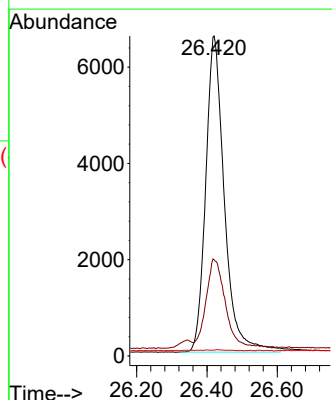
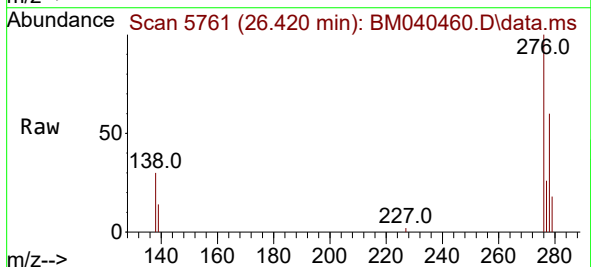
Tgt Ion:276 Resp: 24217

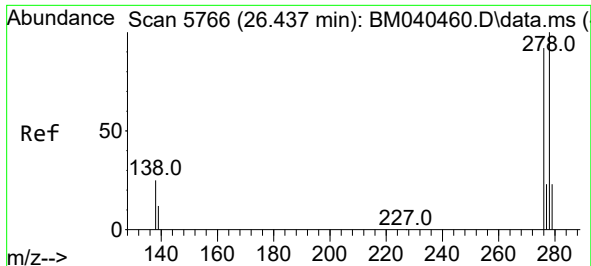
Ion Ratio Lower Upper

276 100

138 29.0 24.5 36.7

227 0.2 0.1 0.1#

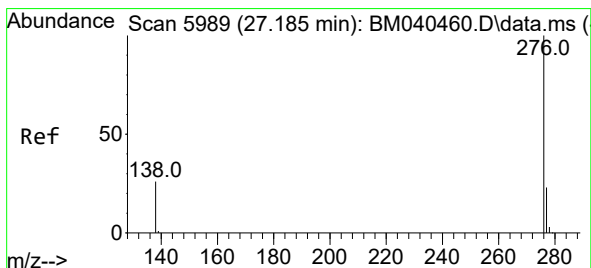
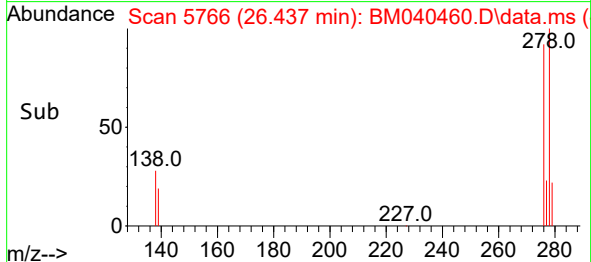
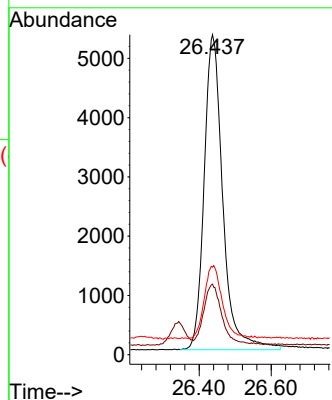
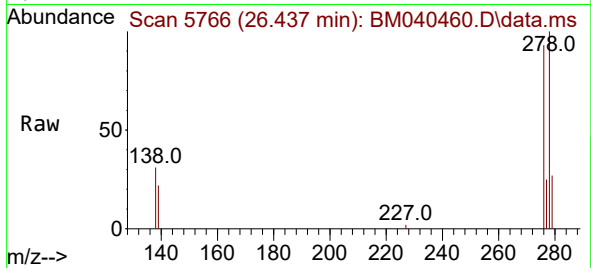




#28
 Dibenzo(a,h)anthracene
 Concen: 0.362 ng/ul
 RT: 26.437 min Scan# 5766
 Delta R.T. 0.000 min
 Lab File: BM040460.D
 Acq: 30 Jun 2023 07:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4139

Tgt Ion:278 Resp: 19099
 Ion Ratio Lower Upper
 278 100
 139 22.1 17.9 26.9
 279 27.3 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.346 ng/ul
 RT: 27.185 min Scan# 5989
 Delta R.T. 0.000 min
 Lab File: BM040460.D
 Acq: 30 Jun 2023 07:49

Tgt Ion:276 Resp: 20405
 Ion Ratio Lower Upper
 276 100
 138 28.5 23.0 34.6
 277 25.1 20.3 30.5

