

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039744.D
 Acq On : 28 Apr 2023 19:55
 Operator : CG/JU
 Sample : 02417-19
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y5

Quant Time: Apr 29 02:25:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

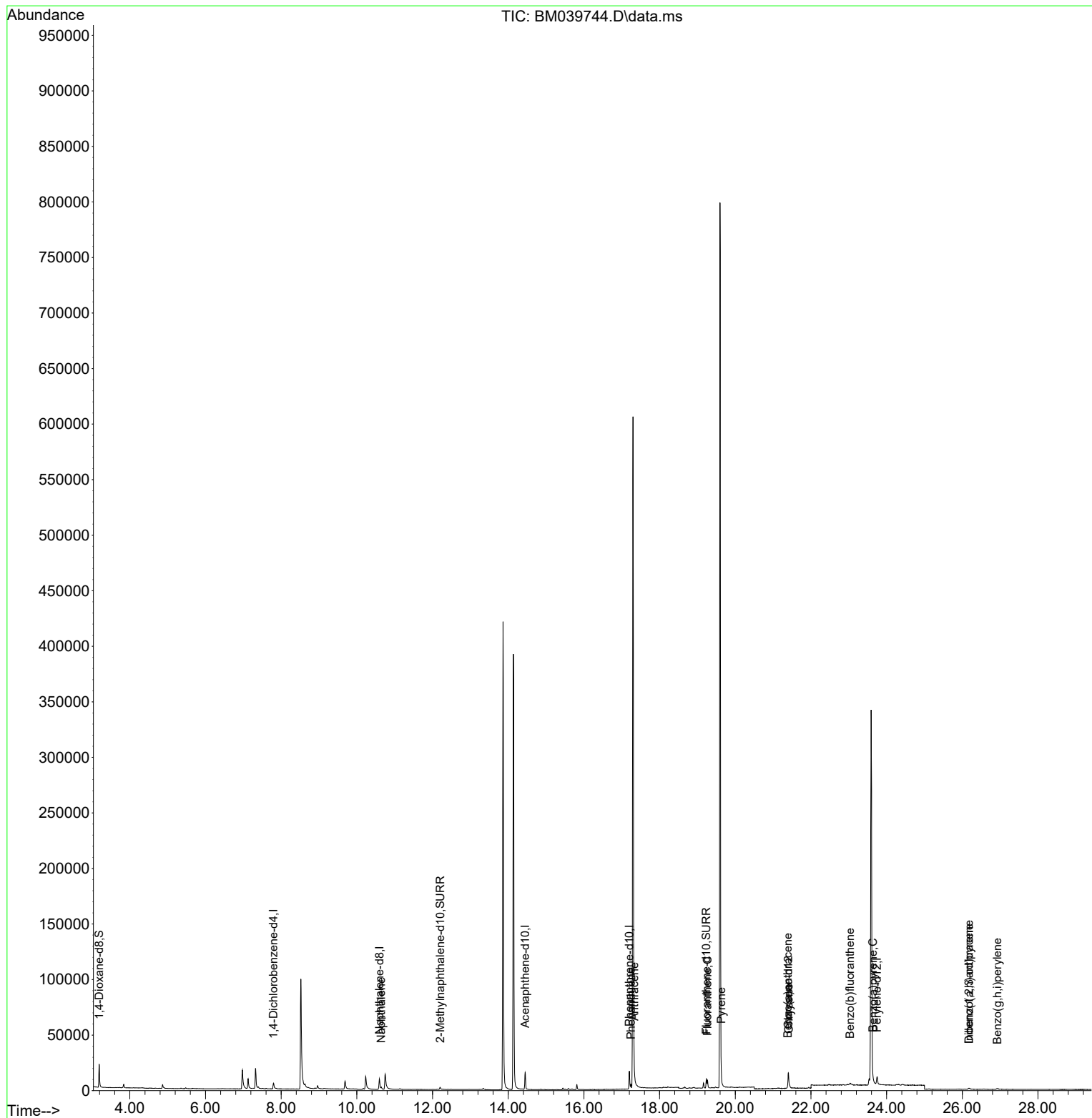
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	3873	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	14824	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19673	0.400	ng/ul	-0.02
17) Chrysene-d12	21.402	240	12554	0.400	ng/ul	0.00
23) Perylene-d12	23.746	264	10682	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	13193	2.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	3463	0.182	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	9571	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	2756	0.074	ng/ul#	92
15) Phenanthrene	17.242	178	4188	0.081	ng/ul#	89
16) Anthracene	17.331	178	1619	0.036	ng/ul#	68
19) Fluoranthene	19.267	202	5905	0.132	ng/ul#	91
20) Pyrene	19.629	202	6167	0.128	ng/ul#	89
21) Benzo(a)anthracene	21.388	228	2005	0.056	ng/ul#	66
22) Chrysene	21.414	228	5741	0.141	ng/ul#	79
24) Benzo(b)fluoranthene	23.036	252	2633	0.070	ng/ul#	19
26) Benzo(a)pyrene	23.641	252	1175	0.035	ng/ul#	3
27) Indeno(1,2,3-cd)pyrene	26.174	276	1788	0.042	ng/ul	94
28) Dibenzo(a,h)anthracene	26.177	278	765	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.925	276	1872	0.050	ng/ul#	62

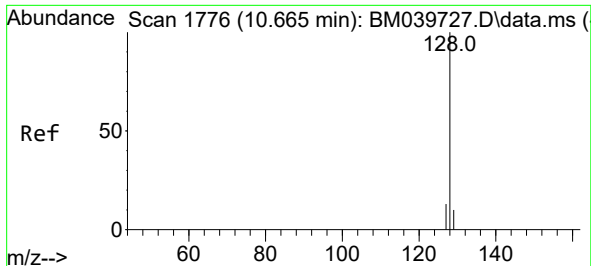
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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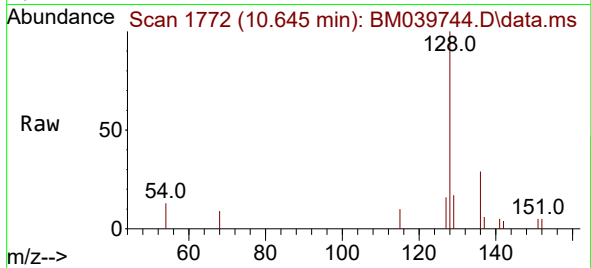
Quant Time: Apr 29 02:25:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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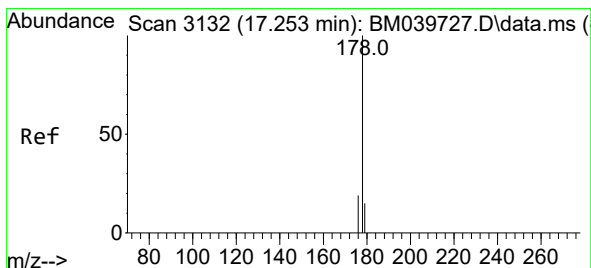
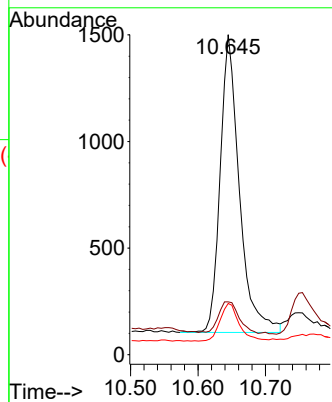
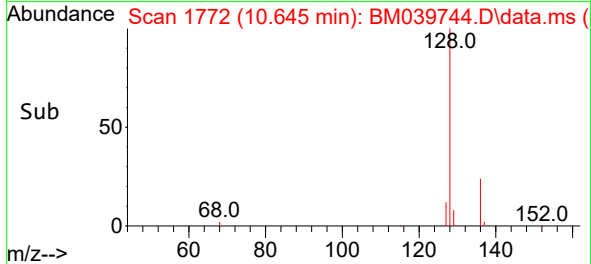


#5
Naphthalene
Concen: 0.074 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

Instrument :
BNA_M
ClientSampleId :
EW8Y5

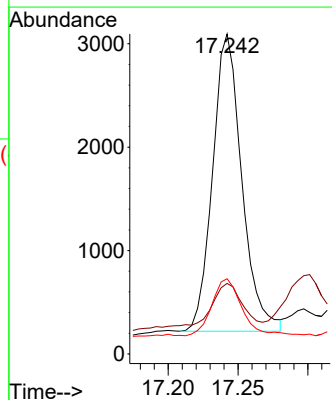
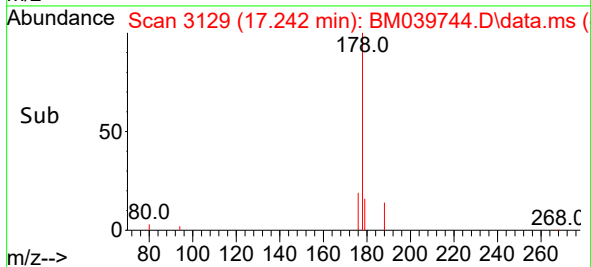
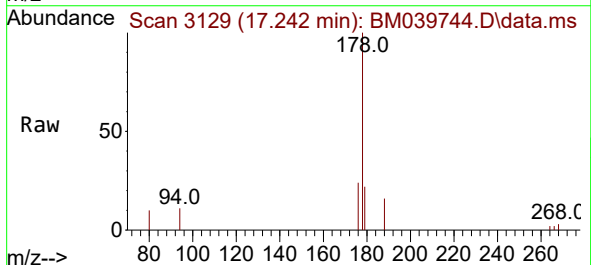


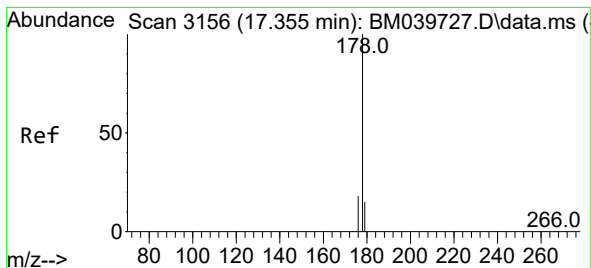
Tgt Ion:128 Resp: 2756
Ion Ratio Lower Upper
128 100
129 16.5 9.8 14.6#
127 16.0 11.1 16.7



#15
Phenanthrene
Concen: 0.081 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.013 min
Lab File: BM039744.D
Acq: 28 Apr 2023 19:55

Tgt Ion:178 Resp: 4188
Ion Ratio Lower Upper
178 100
179 22.0 13.0 19.6#
176 23.5 15.8 23.8





#16

Anthracene

Concen: 0.036 ng/ul

RT: 17.331 min Scan# 3156

Delta R.T. -0.025 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW8Y5

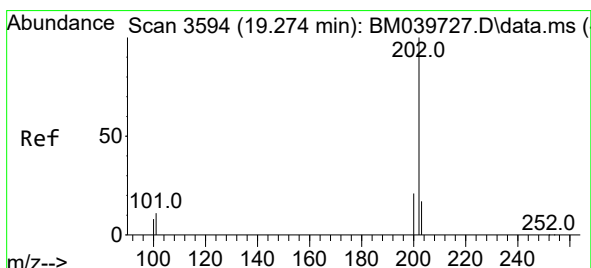
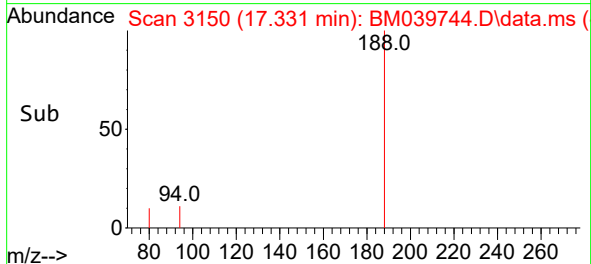
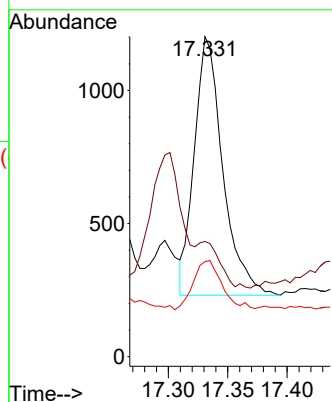
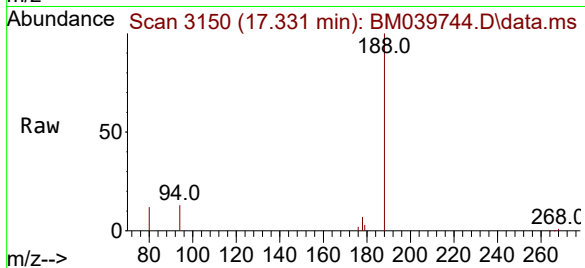
Tgt Ion:178 Resp: 1619

Ion Ratio Lower Upper

178 100

179 36.0 13.8 20.6#

176 29.7 15.8 23.8#



#19

Fluoranthene

Concen: 0.132 ng/ul

RT: 19.267 min Scan# 3592

Delta R.T. -0.009 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

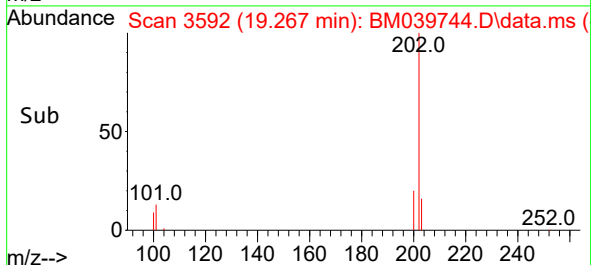
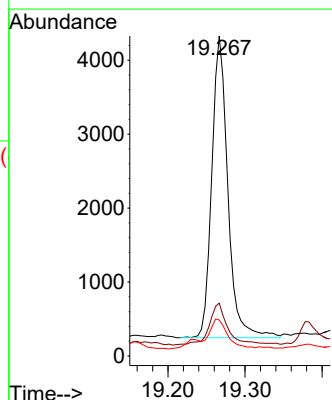
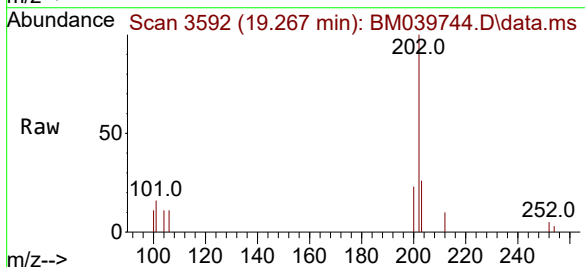
Tgt Ion:202 Resp: 5905

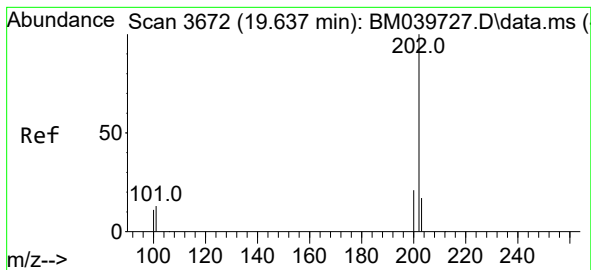
Ion Ratio Lower Upper

202 100

101 16.5 9.8 14.8#

100 11.3 7.3 10.9#





#20

Pyrene

Concen: 0.128 ng/ul

RT: 19.629 min Scan# 3

Delta R.T. -0.014 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW8Y5

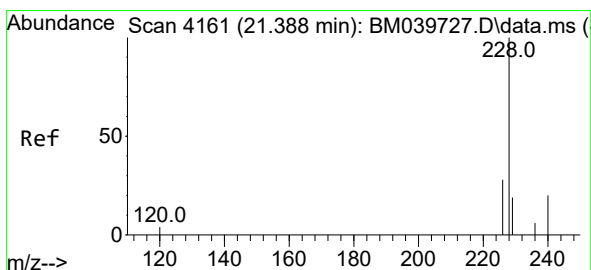
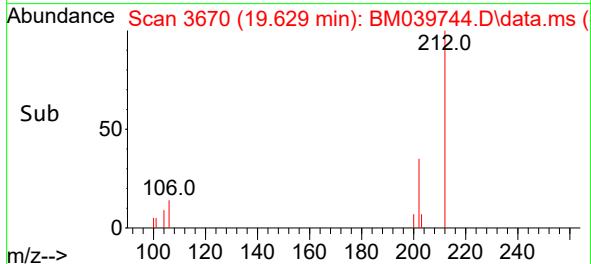
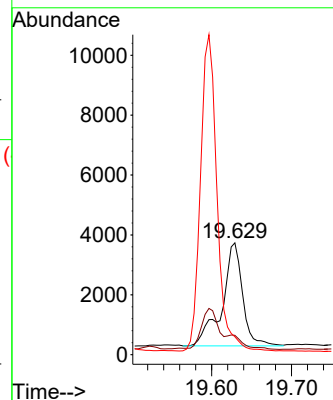
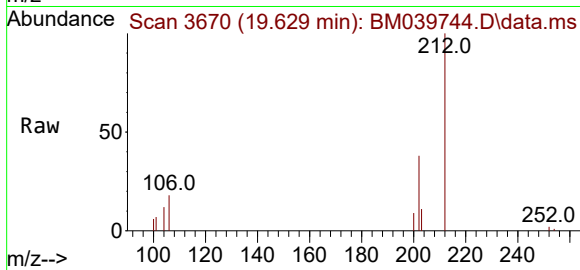
Tgt Ion:202 Resp: 6167

Ion Ratio Lower Upper

202 100

101 17.3 10.9 16.3#

100 16.0 8.9 13.3#



#21

Benzo(a)anthracene

Concen: 0.056 ng/ul

RT: 21.388 min Scan# 4161

Delta R.T. -0.009 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

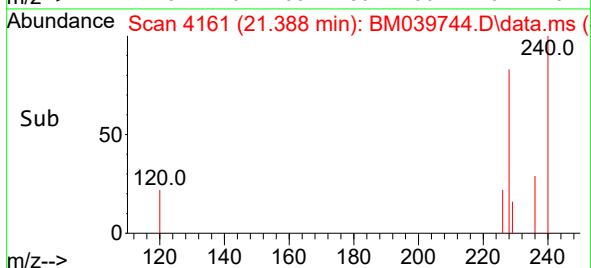
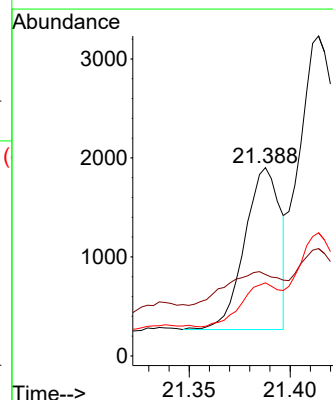
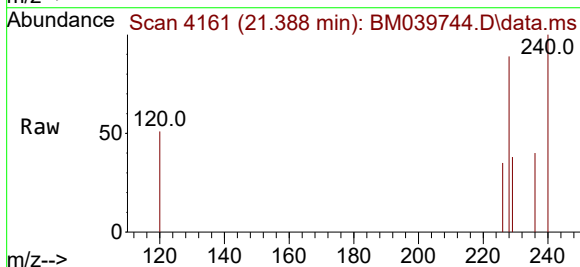
Tgt Ion:228 Resp: 2005

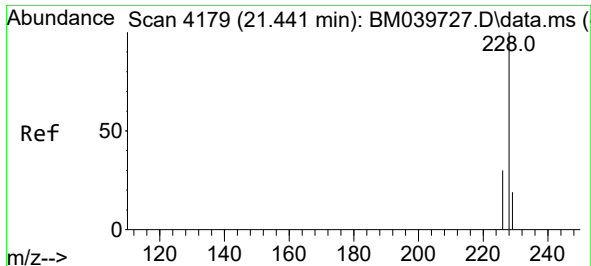
Ion Ratio Lower Upper

228 100

229 43.2 16.2 24.2#

226 38.9 21.6 32.4#





#22

Chrysene

Concen: 0.141 ng/ul

RT: 21.414 min Scan# 4179

Delta R.T. -0.032 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW8Y5

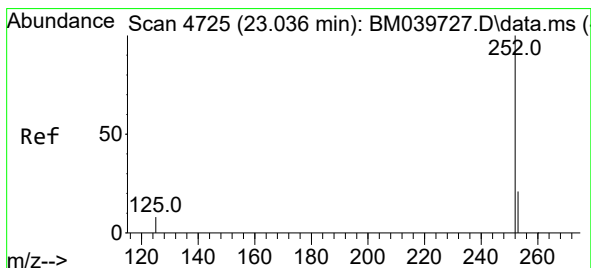
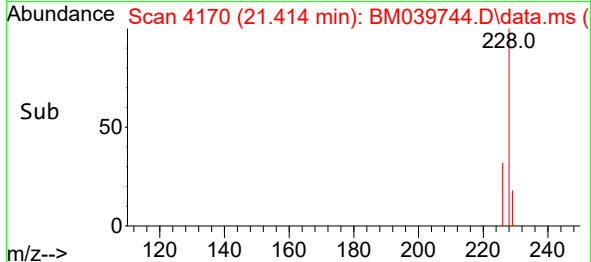
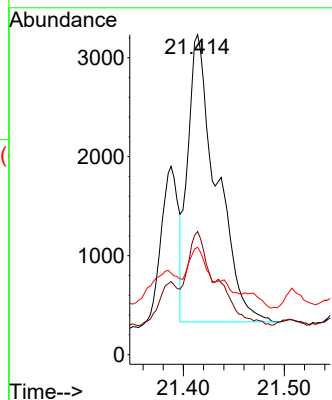
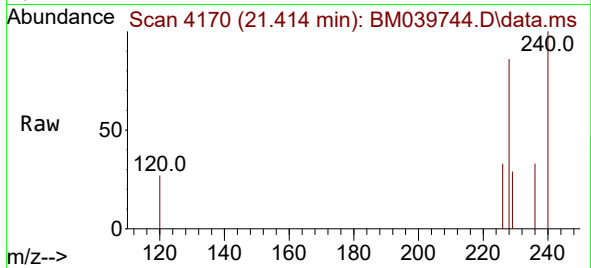
Tgt Ion:228 Resp: 5741

Ion Ratio Lower Upper

228 100

226 38.5 24.3 36.5#

229 33.5 15.9 23.9#



#24

Benzo(b)fluoranthene

Concen: 0.070 ng/ul

RT: 23.036 min Scan# 4725

Delta R.T. -0.009 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

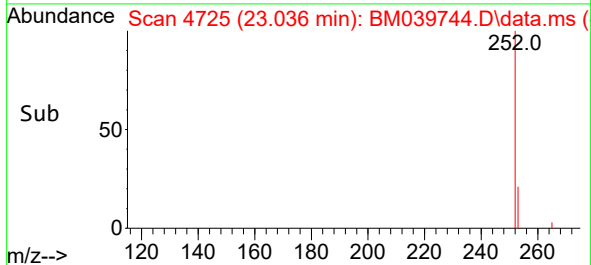
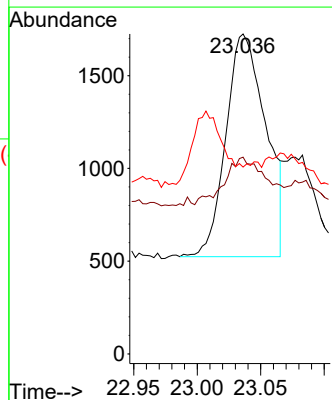
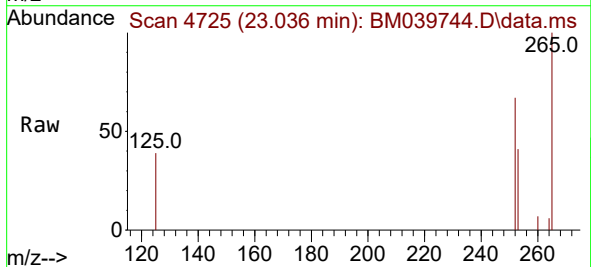
Tgt Ion:252 Resp: 2633

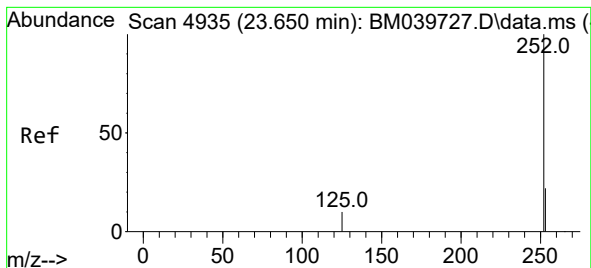
Ion Ratio Lower Upper

252 100

253 61.5 0.0 52.8#

125 58.4 0.0 31.6#





#26

Benzo(a)pyrene

Concen: 0.035 ng/ul

RT: 23.641 min Scan# 4935

Delta R.T. -0.023 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW8Y5

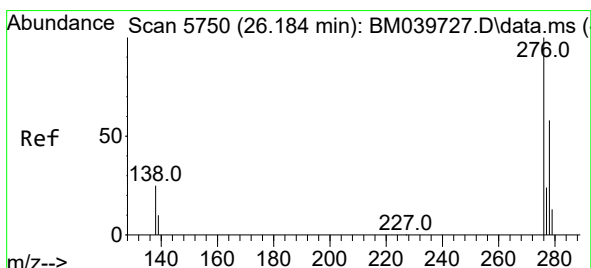
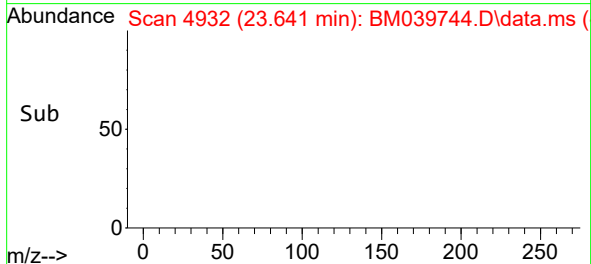
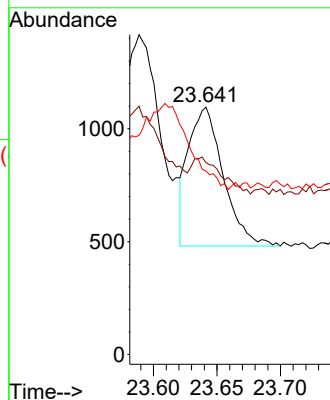
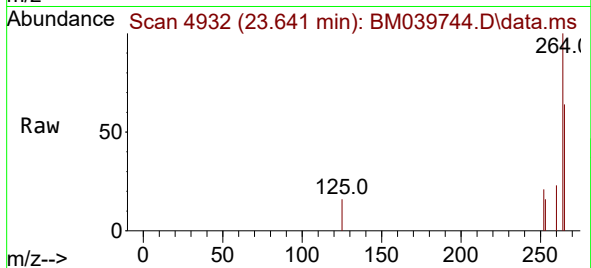
Tgt Ion:252 Resp: 1175

Ion Ratio Lower Upper

252 100

253 77.6 24.7 37.1#

125 74.2 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/ul

RT: 26.174 min Scan# 5747

Delta R.T. -0.027 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

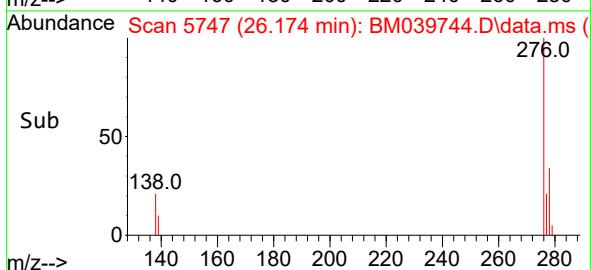
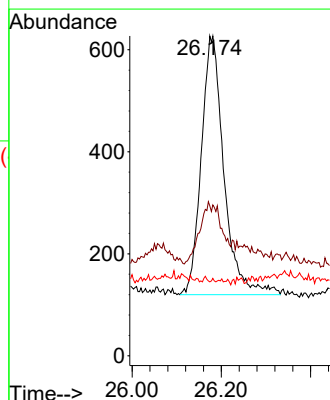
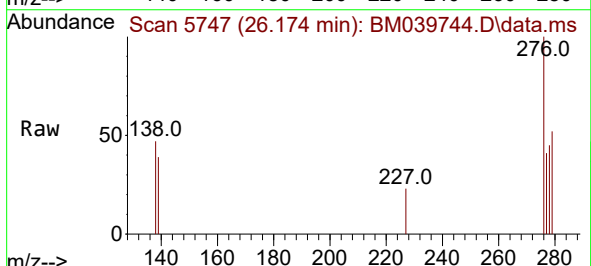
Tgt Ion:276 Resp: 1788

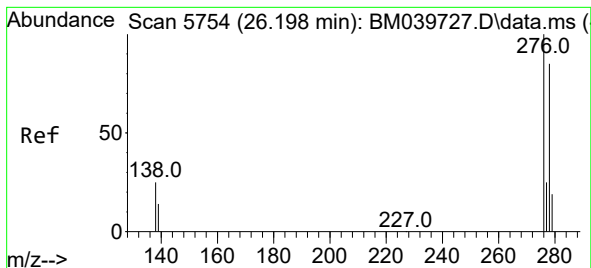
Ion Ratio Lower Upper

276 100

138 23.1 21.1 31.7

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 26.177 min Scan# 5

Delta R.T. -0.040 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Instrument :

BNA_M

ClientSampleId :

EW8Y5

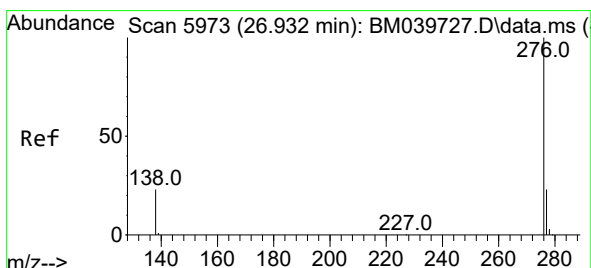
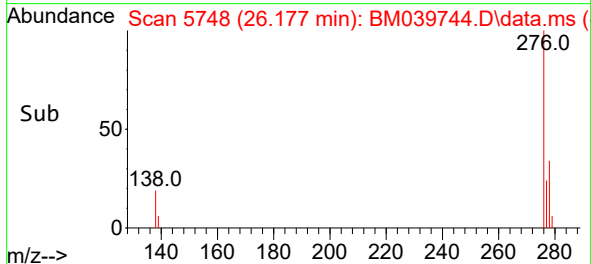
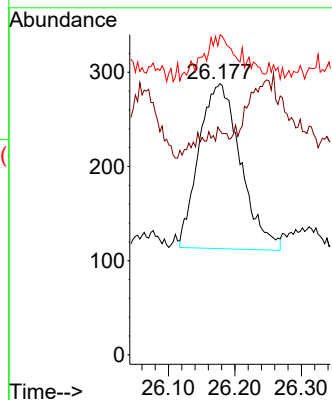
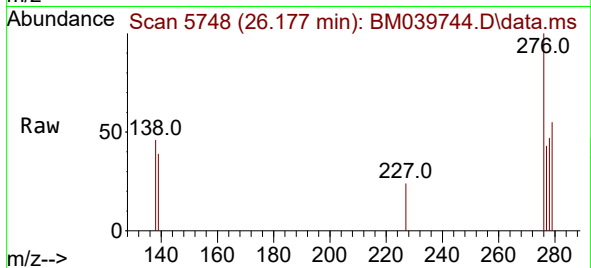
Tgt Ion:278 Resp: 765

Ion Ratio Lower Upper

278 100

139 82.6 17.0 25.6#

279 118.1 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.050 ng/ul

RT: 26.925 min Scan# 5971

Delta R.T. -0.023 min

Lab File: BM039744.D

Acq: 28 Apr 2023 19:55

Tgt Ion:276 Resp: 1872

Ion Ratio Lower Upper

276 100

138 46.1 20.1 30.1#

277 42.4 20.1 30.1#

