

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
 Data File : BM038002.D
 Acq On : 14 Dec 2022 17:58
 Operator : CG/JU
 Sample : N5983-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COLF3

Quant Time: Dec 14 23:27:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 01:30:33 2022
 Response via : Initial Calibration

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

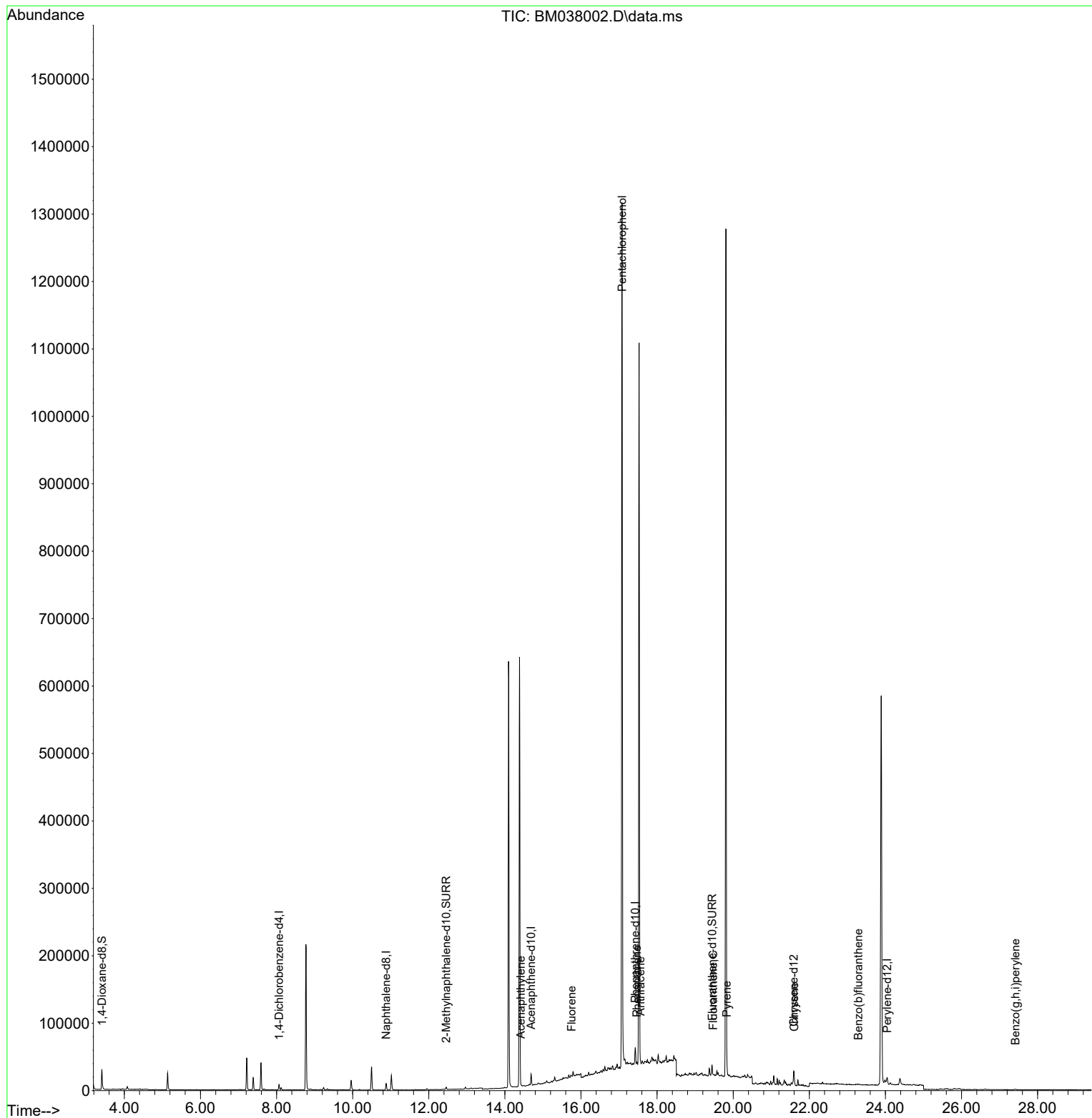
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	4185	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	12607	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	8981	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.426	188	22789	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.591	240	15876	0.400	ng/ul	# 0.00
23) Perylene-d12	24.047	264	14419	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	19132	3.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4505	0.252	ng/ul	0.00
18) Fluoranthene-d10	19.445	212	15211	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.416	152	1545	0.030	ng/ul#	1
12) Fluorene	15.753	166	1232	0.029	ng/ul#	1
14) Pentachlorophenol	17.080	266	811617	83.773	ng/ul	98
15) Phenanthrene	17.468	178	3907	0.049	ng/ul#	1
16) Anthracene	17.561	178	4477	0.062	ng/ul#	1
19) Fluoranthene	19.473	202	2271	0.027	ng/ul#	43
20) Pyrene	19.836	202	13430	0.158	ng/ul#	81
22) Chrysene	21.603	228	8128	0.108	ng/ul#	60
24) Benzo(b)fluoranthene	23.293	252	1607	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.414	276	1577	0.024	ng/ul#	49

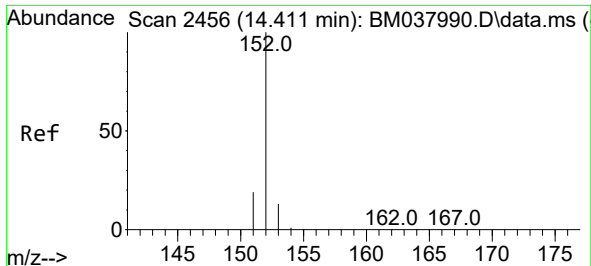
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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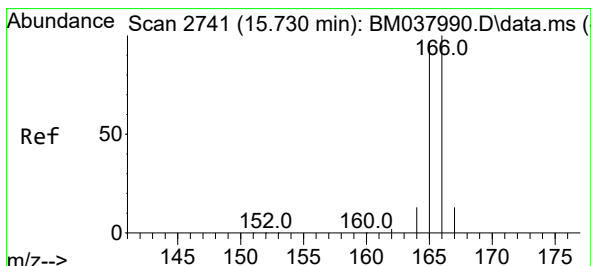
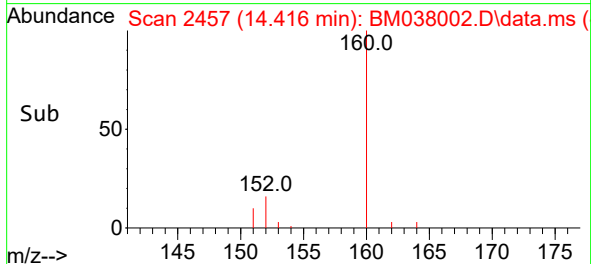
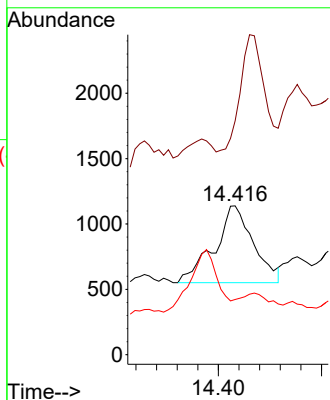
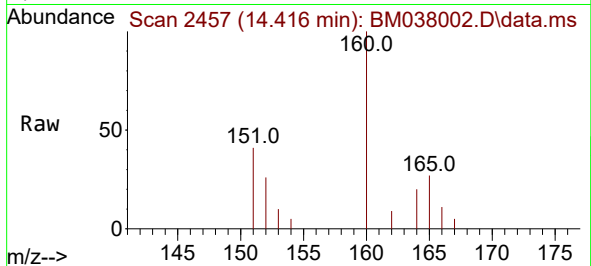




#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.416 min Scan# 2456
Delta R.T. 0.004 min
Lab File: BM038002.D
Acq: 14 Dec 2022 17:58

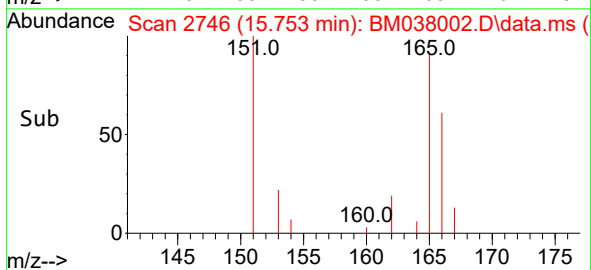
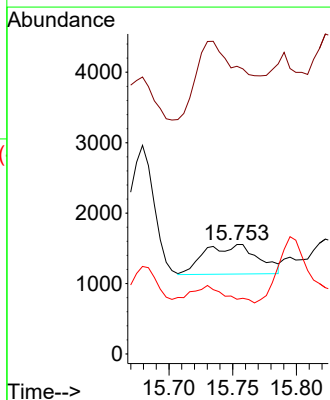
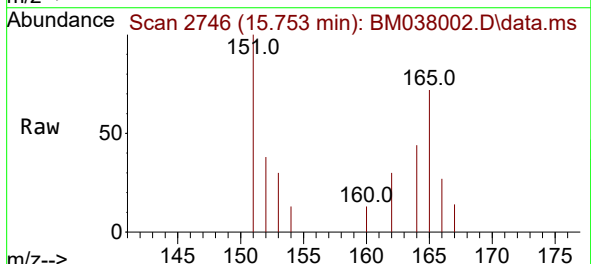
Instrument :
BNA_M
ClientSampleId :
COLF3

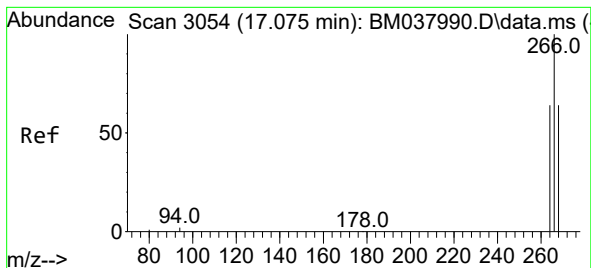
Tgt Ion:152 Resp: 1545
Ion Ratio Lower Upper
152 100
151 157.3 15.8 23.8#
153 37.2 10.7 16.1#



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.753 min Scan# 2746
Delta R.T. 0.018 min
Lab File: BM038002.D
Acq: 14 Dec 2022 17:58

Tgt Ion:166 Resp: 1232
Ion Ratio Lower Upper
166 100
165 262.7 79.8 119.6#
167 50.0 11.7 17.5#





#14

Pentachlorophenol

Concen: 83.773 ng/ul

RT: 17.080 min Scan# 3054

Delta R.T. -0.000 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

Instrument :

BNA_M

ClientSampleId :

COLF3

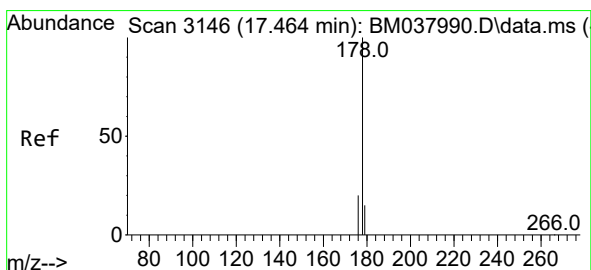
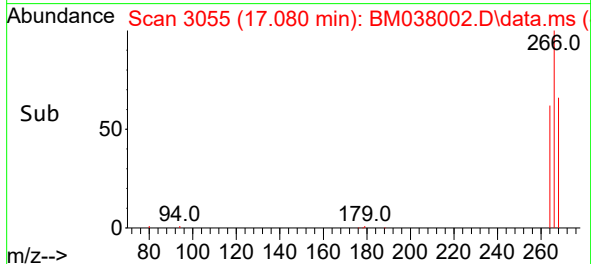
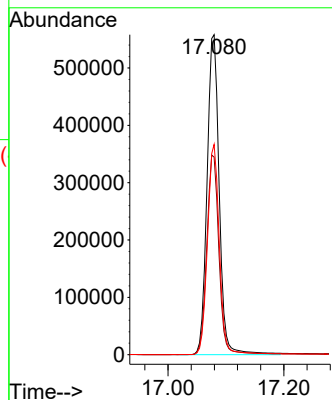
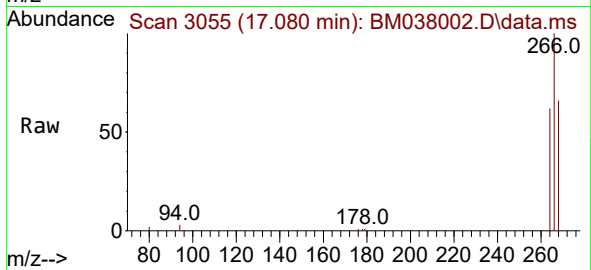
Tgt Ion:266 Resp: 811617

Ion Ratio Lower Upper

266 100

264 62.5 50.9 76.3

268 64.5 50.4 75.6



#15

Phenanthrene

Concen: 0.049 ng/ul

RT: 17.468 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

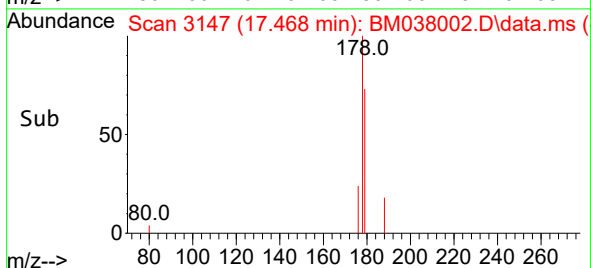
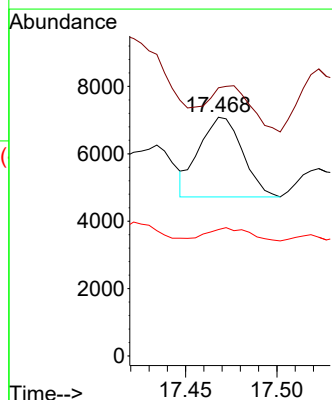
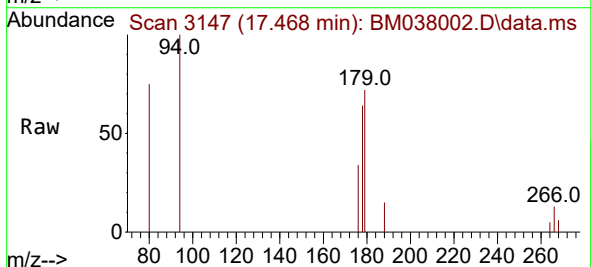
Tgt Ion:178 Resp: 3907

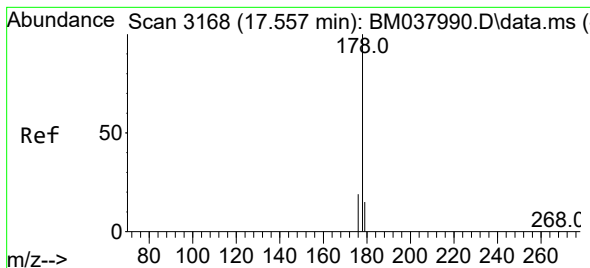
Ion Ratio Lower Upper

178 100

179 112.4 12.7 19.1#

176 52.9 16.2 24.2#





#16

Anthracene

Concen: 0.062 ng/ul

RT: 17.561 min Scan# 3168

Delta R.T. -0.000 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

Instrument :

BNA_M

ClientSampleId :

COLF3

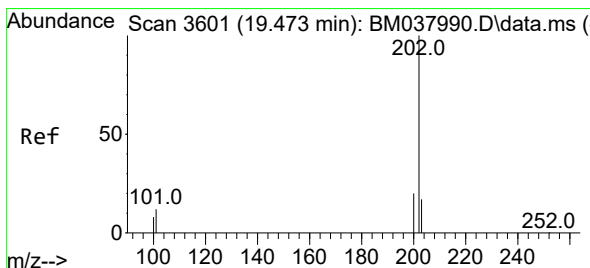
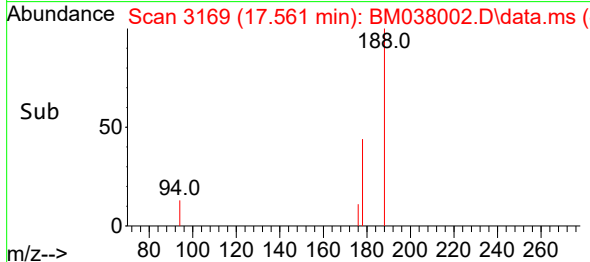
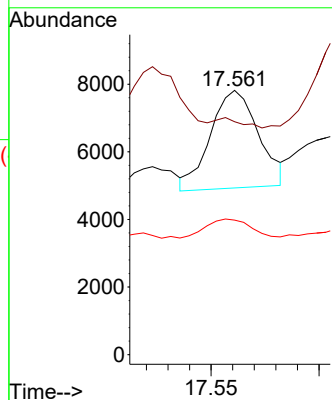
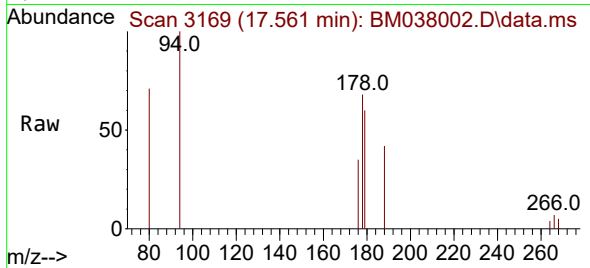
Tgt Ion:178 Resp: 4477

Ion Ratio Lower Upper

178 100

179 88.2 13.4 20.0#

176 50.9 15.8 23.6#



#19

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.473 min Scan# 3601

Delta R.T. -0.000 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

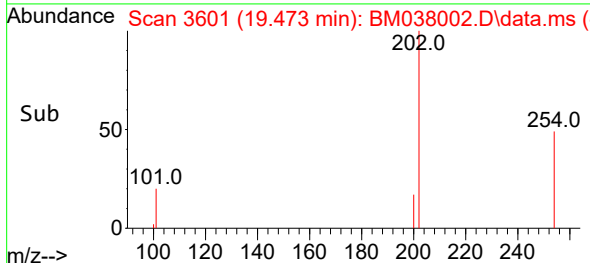
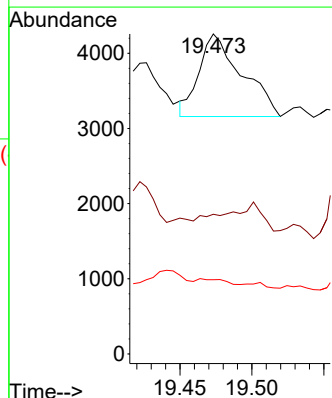
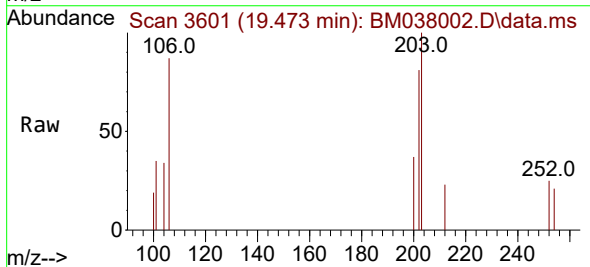
Tgt Ion:202 Resp: 2271

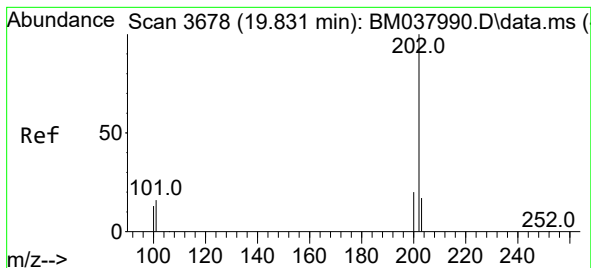
Ion Ratio Lower Upper

202 100

101 43.7 10.9 16.3#

100 23.2 8.5 12.7#





#20

Pyrene

Concen: 0.158 ng/ul

RT: 19.836 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

Instrument :

BNA_M

ClientSampleId :

COLF3

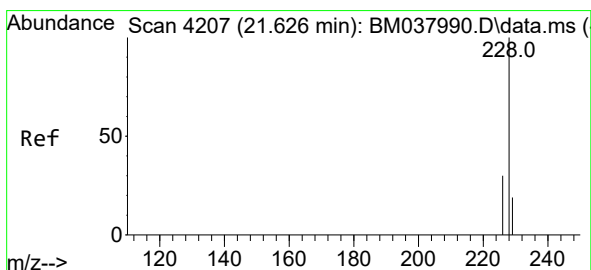
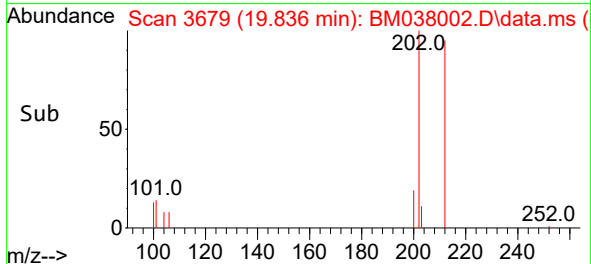
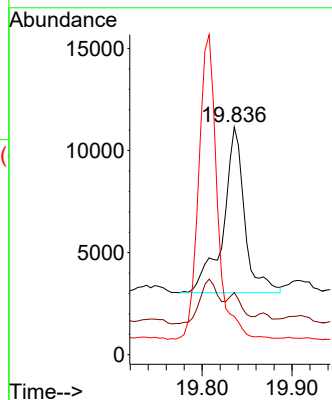
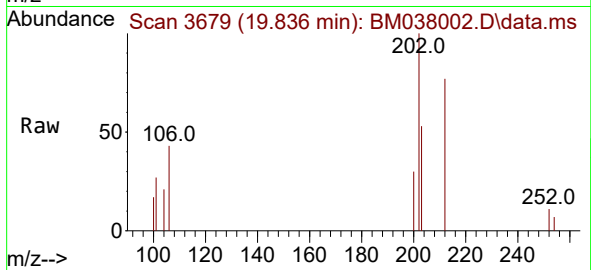
Tgt Ion:202 Resp: 13430

Ion Ratio Lower Upper

202 100

101 27.3 12.6 19.0#

100 16.8 10.6 15.8#



#22

Chrysene

Concen: 0.108 ng/ul

RT: 21.603 min Scan# 4199

Delta R.T. -0.027 min

Lab File: BM038002.D

Acq: 14 Dec 2022 17:58

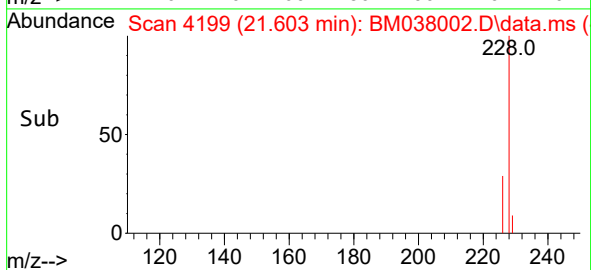
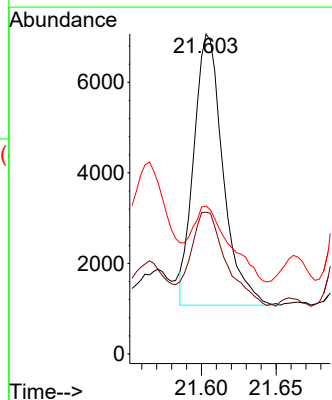
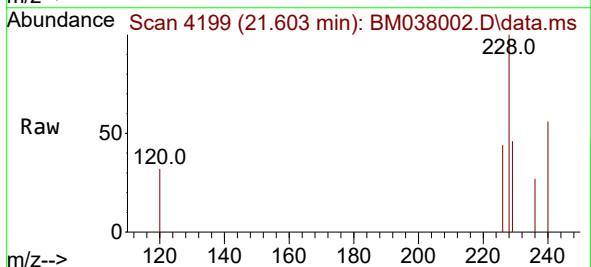
Tgt Ion:228 Resp: 8128

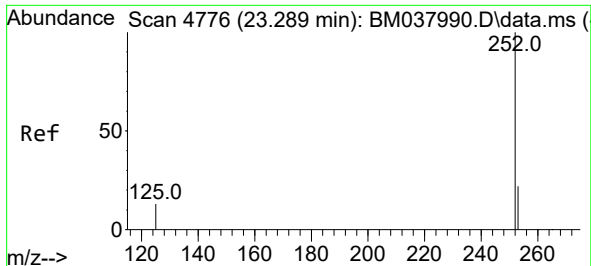
Ion Ratio Lower Upper

228 100

226 44.3 23.7 35.5#

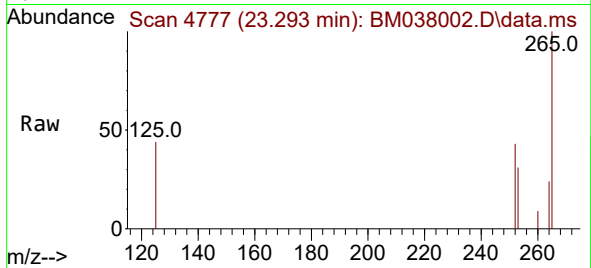
229 46.2 15.8 23.8#



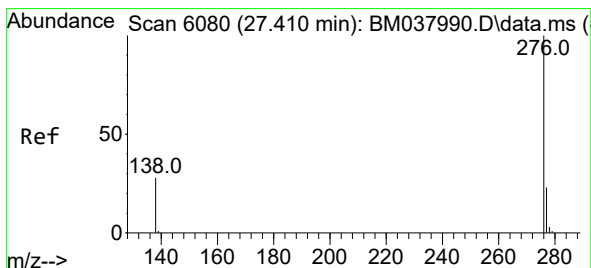
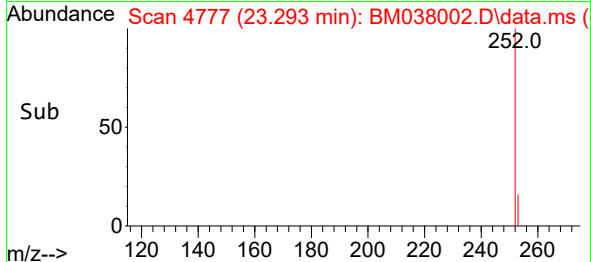
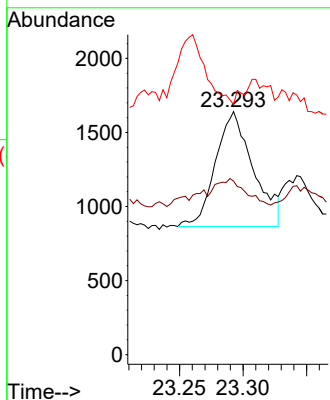


#24
Benzo(b)fluoranthene
Concen: 0.020 ng/ul
RT: 23.293 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038002.D
Acq: 14 Dec 2022 17:58

Instrument :
BNA_M
ClientSampleId :
COLF3



Tgt Ion:252 Resp: 1607
Ion Ratio Lower Upper
252 100
253 71.4 0.0 49.6#
125 102.9 0.0 39.6#



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 27.414 min Scan# 6081
Delta R.T. -0.004 min
Lab File: BM038002.D
Acq: 14 Dec 2022 17:58

Tgt Ion:276 Resp: 1577
Ion Ratio Lower Upper
276 100
138 60.7 23.5 35.3#
277 46.7 20.0 30.0#

