

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038209.D
 Acq On : 22 Dec 2022 21:55
 Operator : CG/JU
 Sample : N6009-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYB9

Quant Time: Dec 23 01:49:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

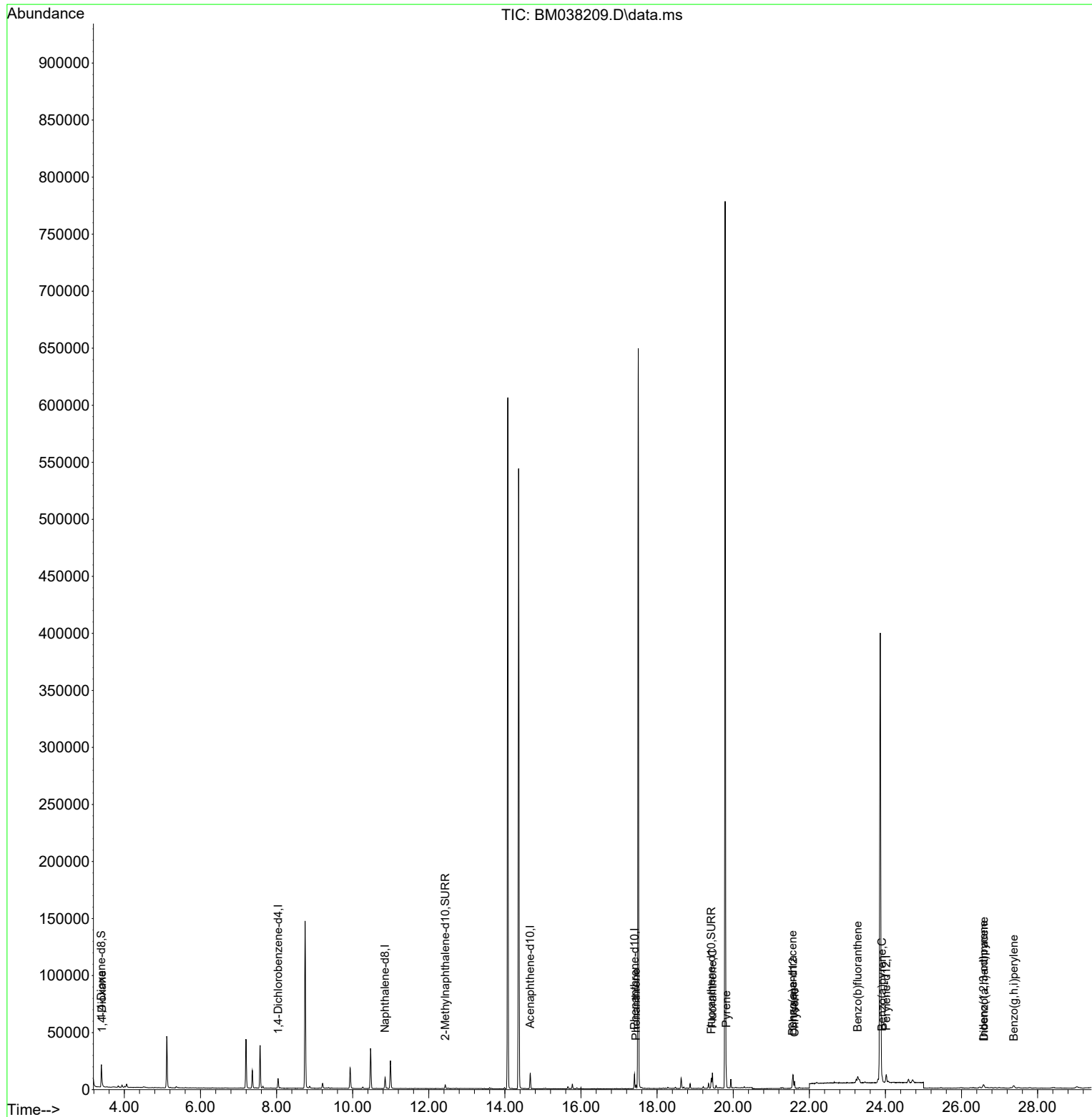
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	13059	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7206	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14520	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9562	0.400	ng/ul	0.00
23) Perylene-d12	24.021	264	9360	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	13586	3.105	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	4149	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8367	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	202	0.047	ng/ul#	19
15) Phenanthrene	17.447	178	3348	0.069	ng/ul#	94
19) Fluoranthene	19.455	202	10645	0.203	ng/ul#	90
20) Pyrene	19.817	202	10587	0.200	ng/ul	97
21) Benzo(a)anthracene	21.556	228	5177	0.123	ng/ul	93
22) Chrysene	21.609	228	6228	0.153	ng/ul	93
24) Benzo(b)fluoranthene	23.272	252	9486	0.229	ng/ul	76
26) Benzo(a)pyrene	23.909	252	5878	0.163	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.575	276	5086	0.101	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.592	278	1322	0.034	ng/ul#	1
29) Benzo(g,h,i)perylene	27.374	276	4685	0.111	ng/ul#	87

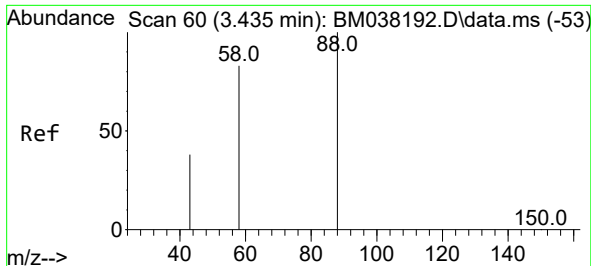
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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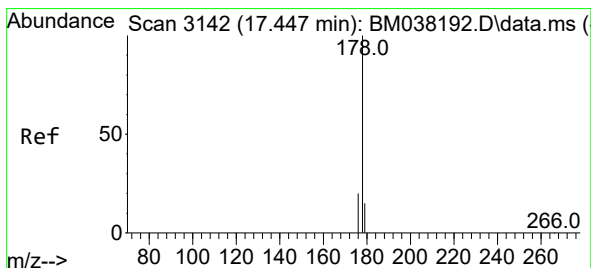
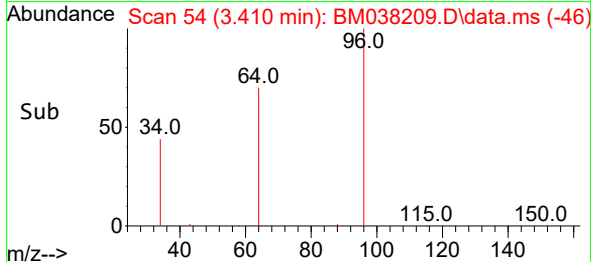
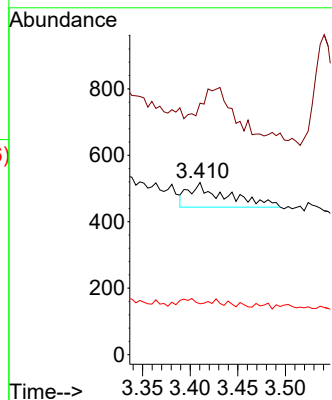
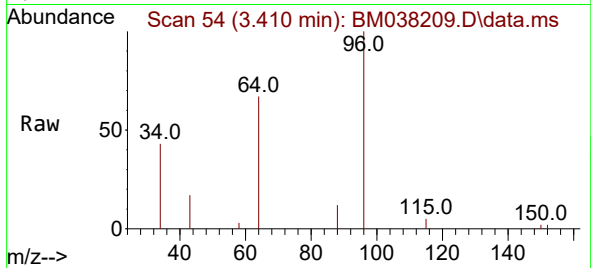




#2
1,4-Dioxane
Concen: 0.047 ng/ul
RT: 3.410 min Scan# 54
Delta R.T. -0.025 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55

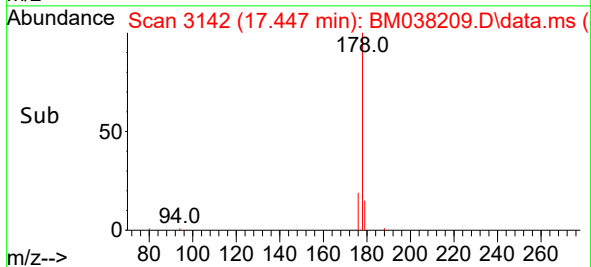
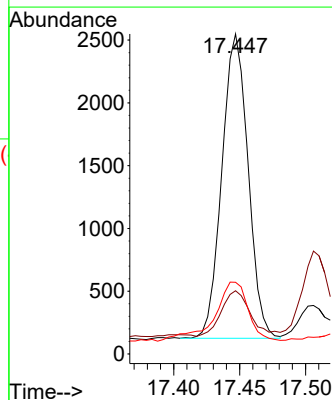
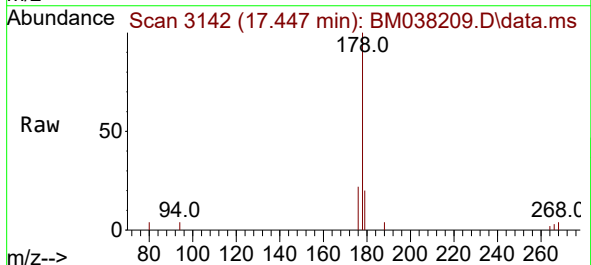
Instrument :
BNA_M
ClientSampleId :
DBYB9

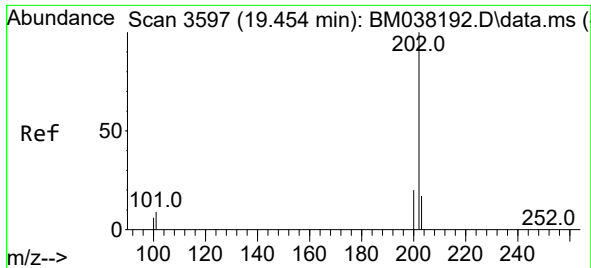
Tgt Ion: 88 Resp: 202
Ion Ratio Lower Upper
88 100
43 146.1 46.4 69.6#
58 29.5 56.9 85.3#



#15
Phenanthrene
Concen: 0.069 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55

Tgt Ion: 178 Resp: 3348
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.4#
176 22.4 16.2 24.4

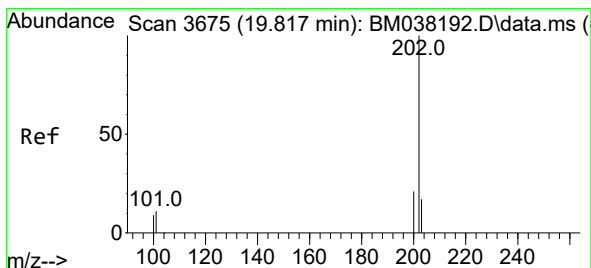
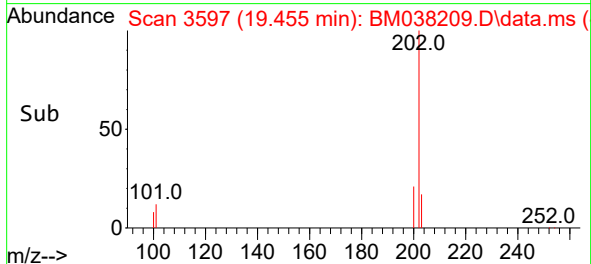
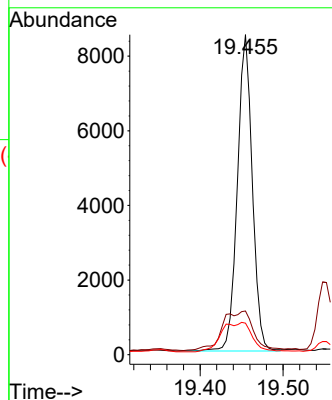
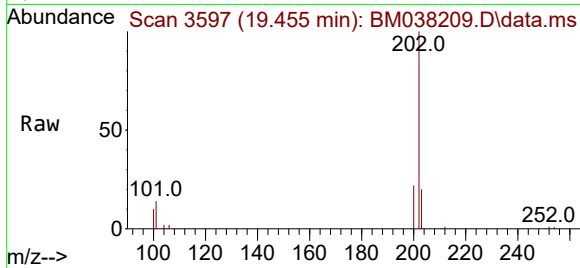




#19
Fluoranthene
Concen: 0.203 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55

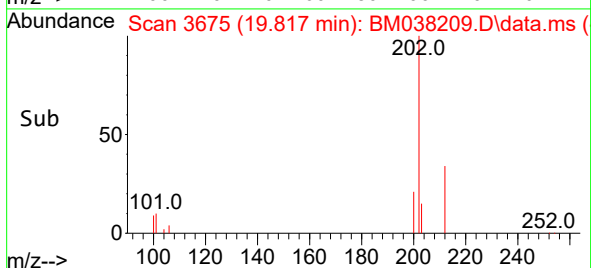
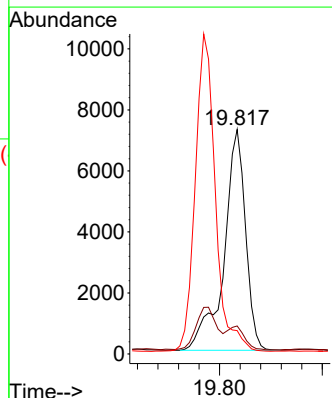
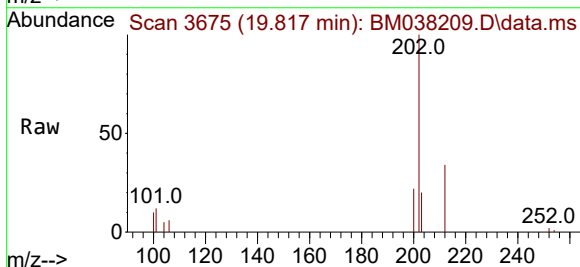
Instrument :
BNA_M
ClientSampleId :
DBYB9

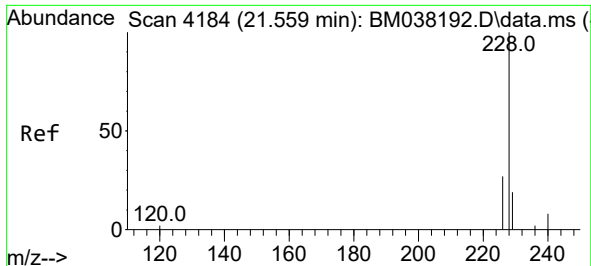
Tgt Ion:202 Resp: 10645
Ion Ratio Lower Upper
202 100
101 13.7 7.5 11.3#
100 9.9 5.6 8.4#



#20
Pyrene
Concen: 0.200 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55

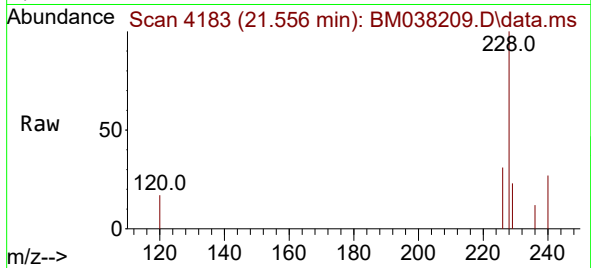
Tgt Ion:202 Resp: 10587
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
100 10.4 7.4 11.0



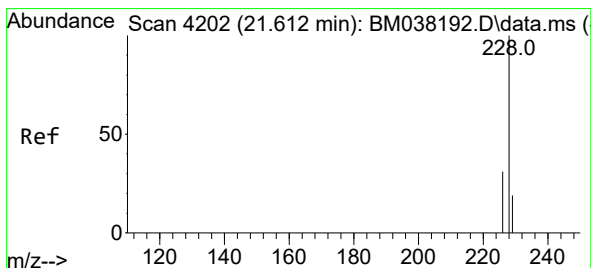
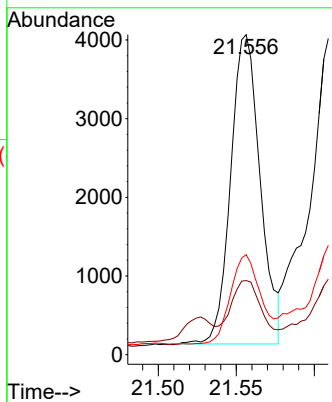
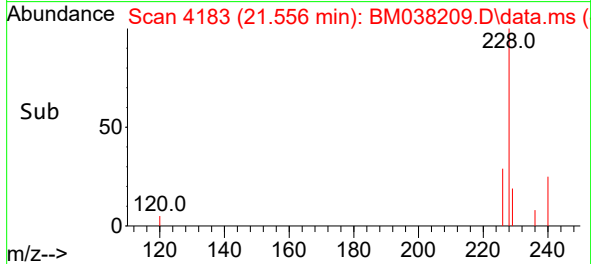


#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55

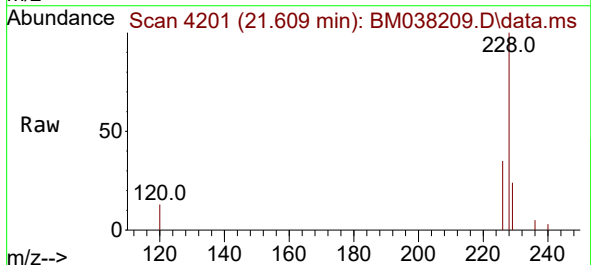
Instrument :
BNA_M
ClientSampleId :
DBYB9



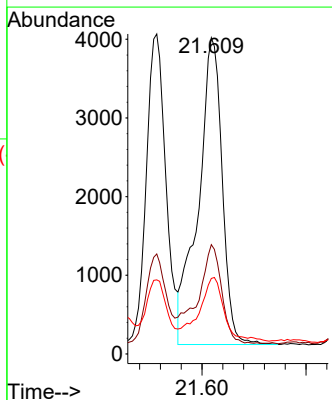
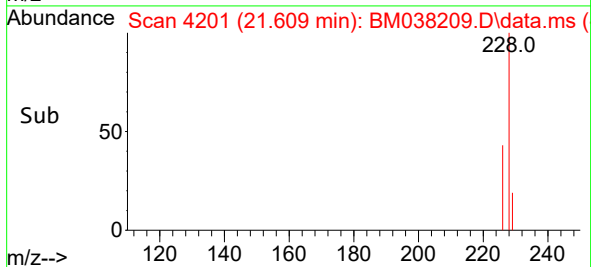
Tgt Ion:228 Resp: 5177
Ion Ratio Lower Upper
228 100
229 23.2 15.5 23.3
226 31.2 22.2 33.2

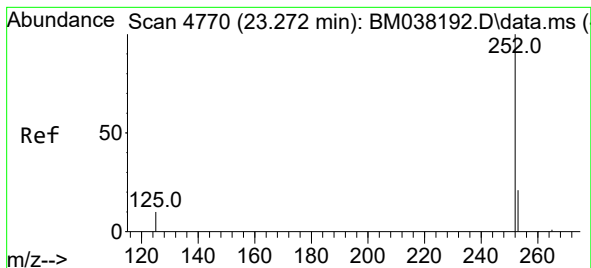


#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.609 min Scan# 4201
Delta R.T. -0.003 min
Lab File: BM038209.D
Acq: 22 Dec 2022 21:55



Tgt Ion:228 Resp: 6228
Ion Ratio Lower Upper
228 100
226 34.6 25.0 37.4
229 23.9 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.229 ng/ul

RT: 23.272 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038209.D

Acq: 22 Dec 2022 21:55

Instrument :

BNA_M

ClientSampleId :

DBYB9

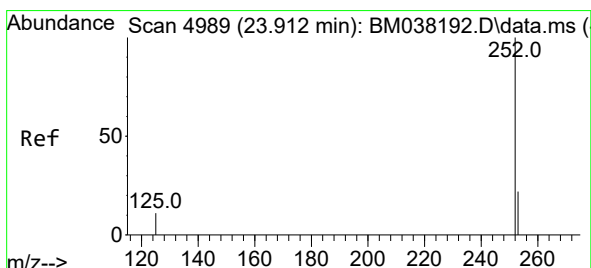
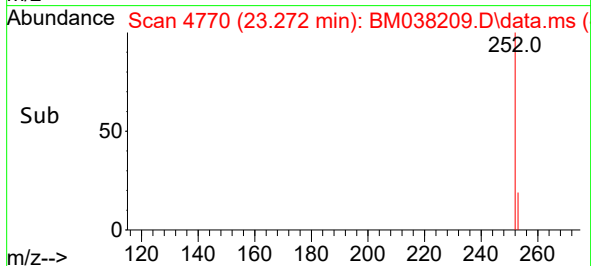
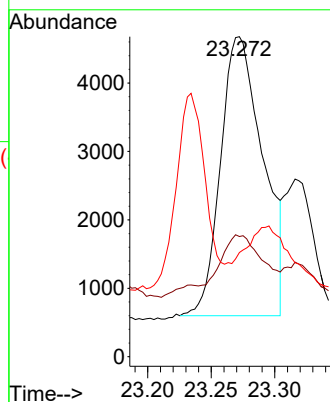
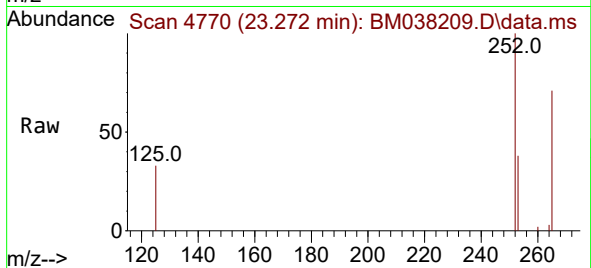
Tgt Ion:252 Resp: 9486

Ion Ratio Lower Upper

252 100

253 37.5 0.0 56.0

125 32.6 0.0 36.6



#26

Benzo(a)pyrene

Concen: 0.163 ng/ul

RT: 23.909 min Scan# 4988

Delta R.T. -0.003 min

Lab File: BM038209.D

Acq: 22 Dec 2022 21:55

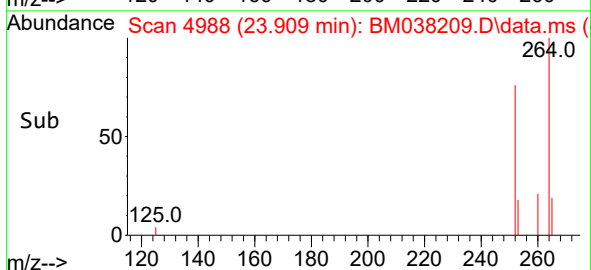
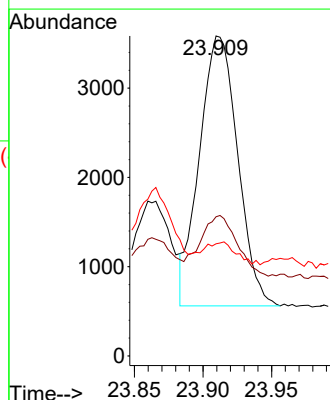
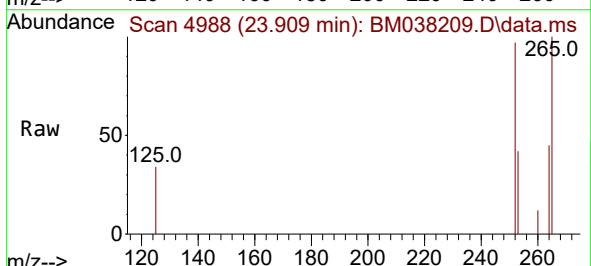
Tgt Ion:252 Resp: 5878

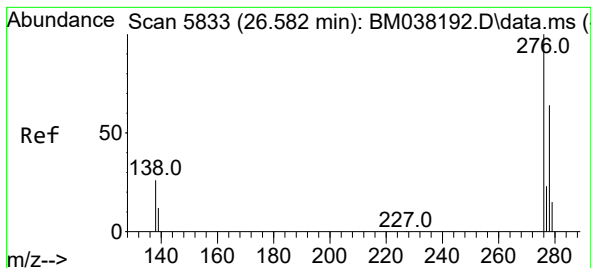
Ion Ratio Lower Upper

252 100

253 43.5 24.2 36.4#

125 35.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.101 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.007 min

Lab File: BM038209.D

Acq: 22 Dec 2022 21:55

Instrument :

BNA_M

ClientSampleId :

DBYB9

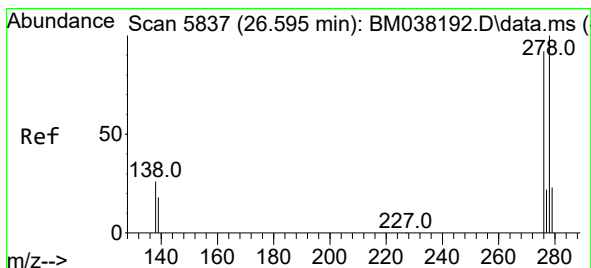
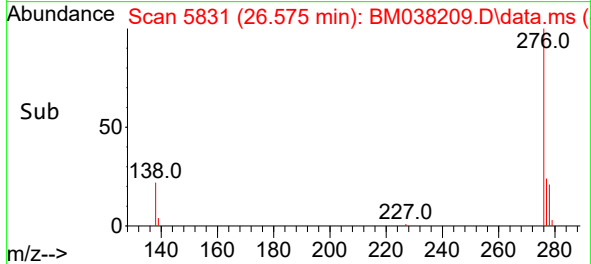
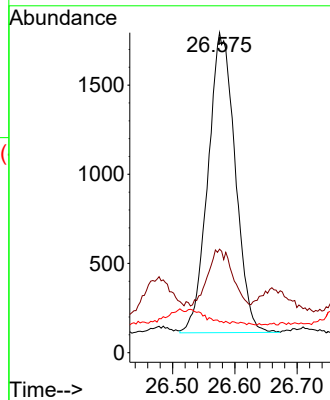
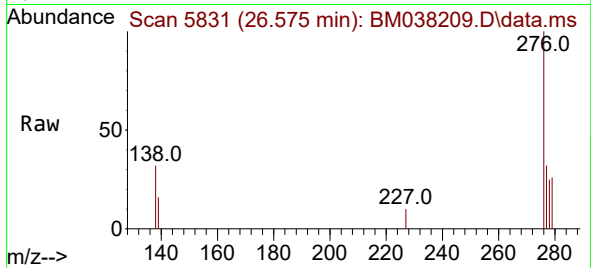
Tgt Ion:276 Resp: 5086

Ion Ratio Lower Upper

276 100

138 22.2 21.7 32.5

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.034 ng/ul

RT: 26.592 min Scan# 5836

Delta R.T. -0.003 min

Lab File: BM038209.D

Acq: 22 Dec 2022 21:55

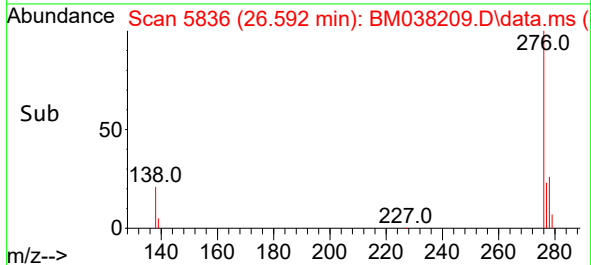
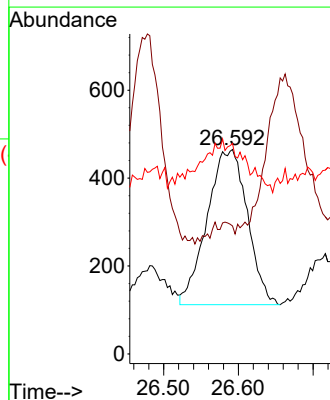
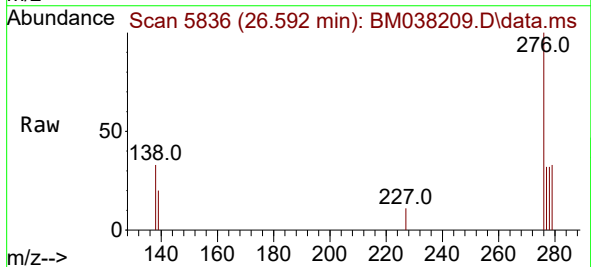
Tgt Ion:278 Resp: 1322

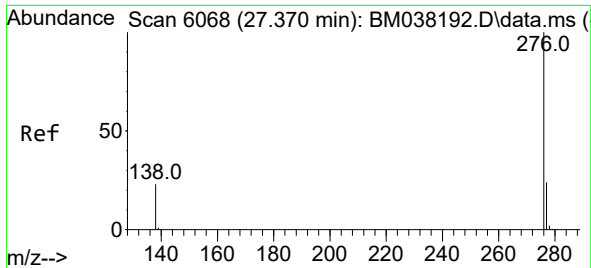
Ion Ratio Lower Upper

278 100

139 62.6 16.8 25.2#

279 103.0 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.111 ng/ul

RT: 27.374 min Scan# 6069

Delta R.T. 0.004 min

Lab File: BM038209.D

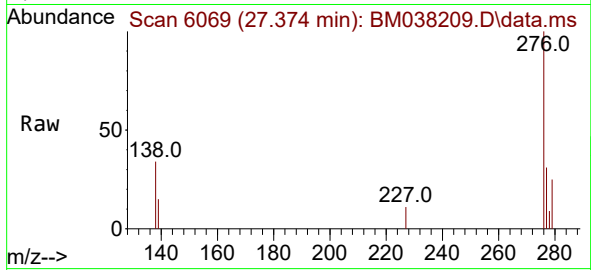
Acq: 22 Dec 2022 21:55

Instrument :

BNA_M

ClientSampleId :

DBYB9



Tgt Ion:276 Resp: 4685

Ion Ratio Lower Upper

276 100

138 33.7 20.8 31.2#

277 30.8 20.5 30.7#

