

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038577.D
 Acq On : 27 Jan 2023 09:29
 Operator : CG/JU
 Sample : 01227-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX9F8

Quant Time: Jan 27 21:58:55 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

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

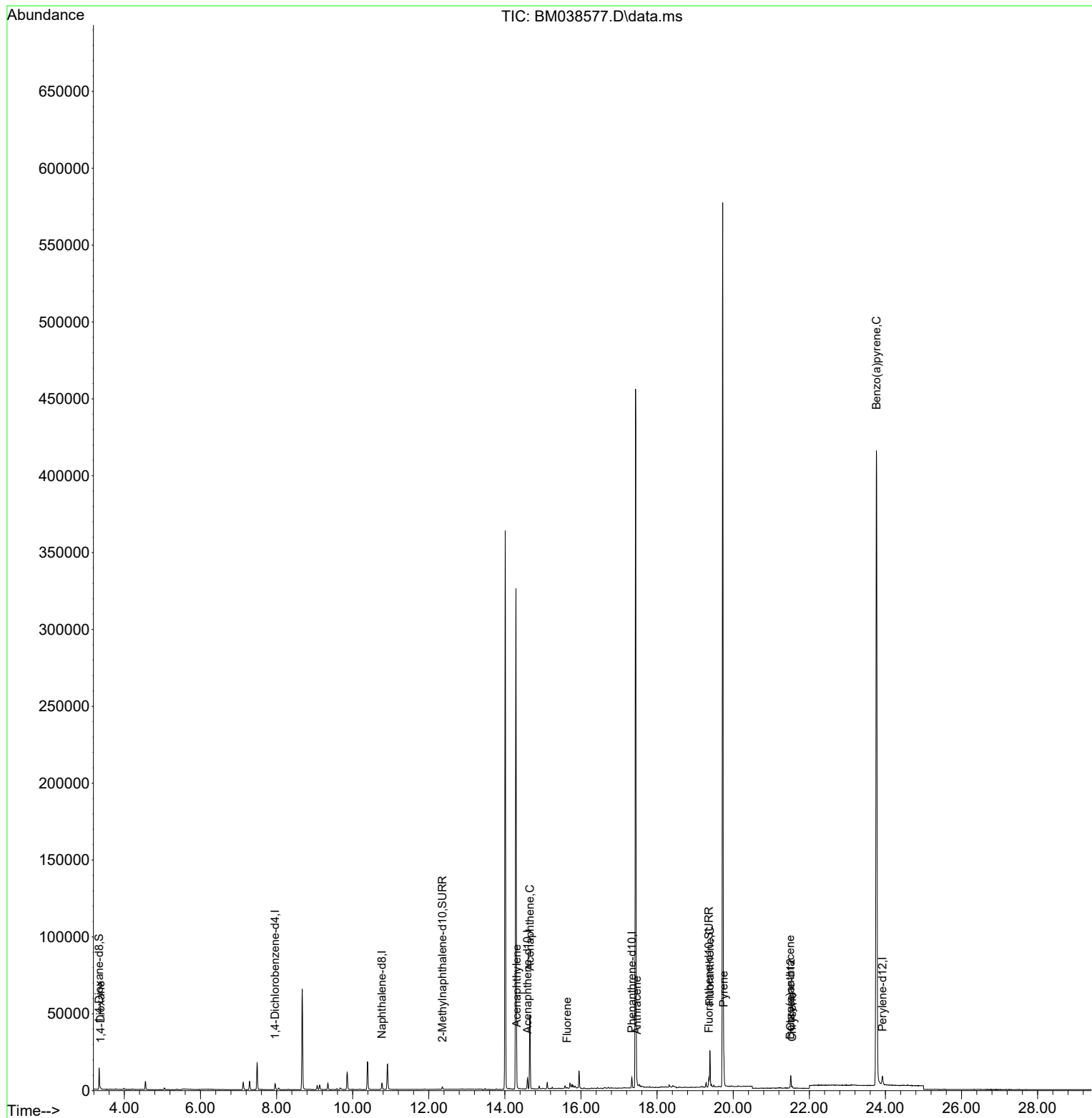
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	1960	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	5752	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	3881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	8098	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.512	240	7523	0.400	ng/ul	# 0.00
23) Perylene-d12	23.921	264	8031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	9237	3.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2160	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	6797	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	449	0.172	ng/ul#	34
10) Acenaphthylene	14.314	152	617	0.036	ng/ul#	18
11) Acenaphthene	14.657	153	26801	2.055	ng/ul	98
12) Fluorene	15.638	166	358	0.022	ng/ul#	61
16) Anthracene	17.468	178	1986	0.089	ng/ul#	72
19) Fluoranthene	19.390	202	19606	0.731	ng/ul	97
20) Pyrene	19.752	202	16264	0.564	ng/ul#	95
21) Benzo(a)anthracene	21.498	228	1140	0.043	ng/ul#	59
22) Chrysene	21.548	228	1234	0.046	ng/ul#	59
26) Benzo(a)pyrene	23.766	252	1975	0.073	ng/ul#	28

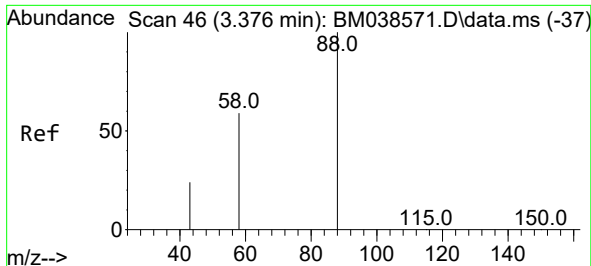
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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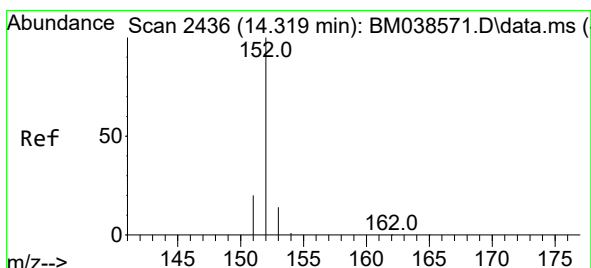
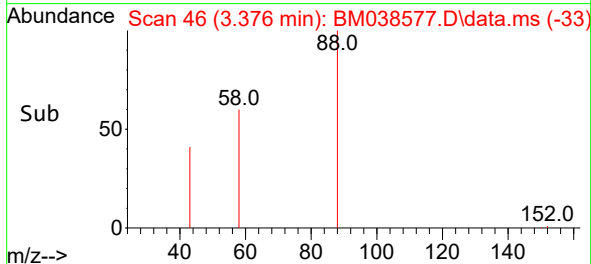
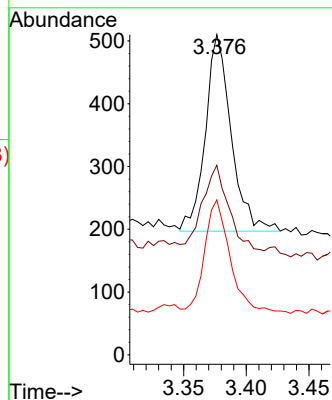
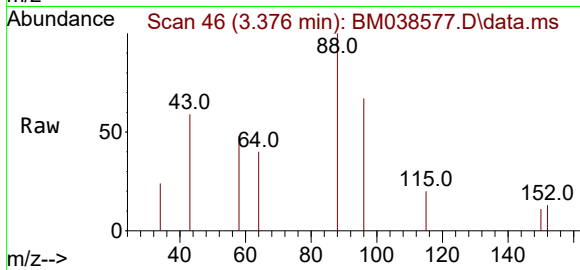




#2
1,4-Dioxane
Concen: 0.172 ng/ul
RT: 3.376 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM038577.D
Acq: 27 Jan 2023 09:29

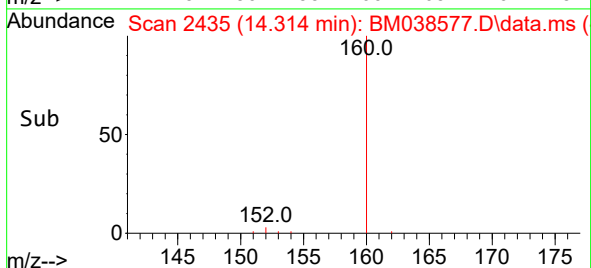
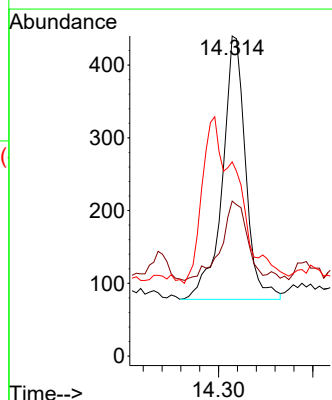
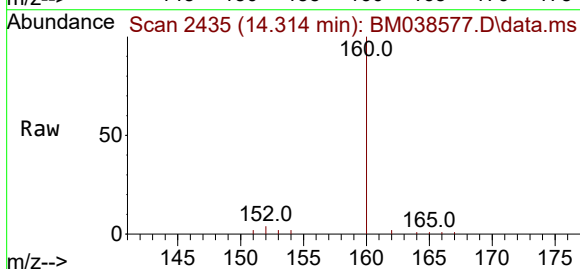
Instrument :
BNA_M
ClientSampleId :
EX9F8

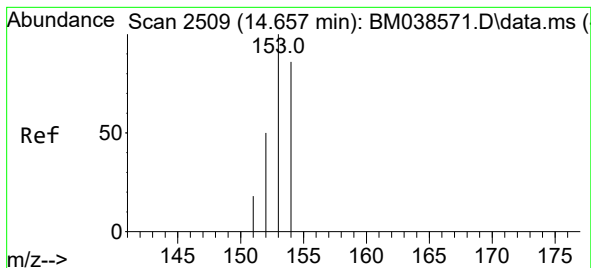
Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
43 59.2 141.3 211.9#
58 48.4 45.7 68.5



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.314 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BM038577.D
Acq: 27 Jan 2023 09:29

Tgt Ion: 152 Resp: 617
Ion Ratio Lower Upper
152 100
151 48.4 16.3 24.5#
153 60.7 11.8 17.6#





#11

Acenaphthene

Concen: 2.055 ng/ul

RT: 14.657 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

Instrument :

BNA_M

ClientSampleId :

EX9F8

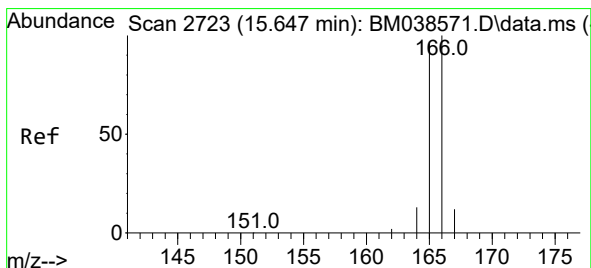
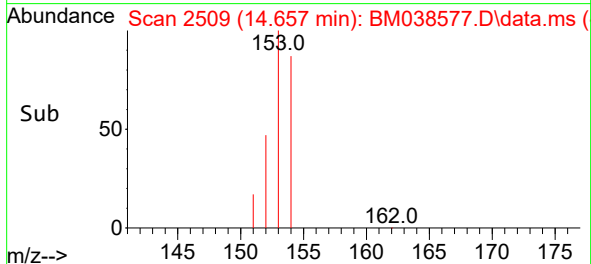
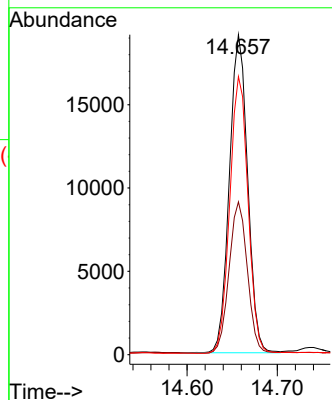
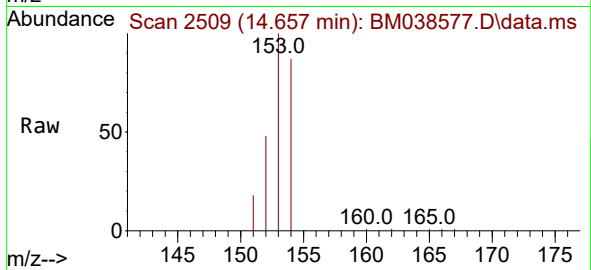
Tgt Ion:153 Resp: 26801

Ion Ratio Lower Upper

153 100

152 47.8 40.1 60.1

154 86.9 68.4 102.6



#12

Fluorene

Concen: 0.022 ng/ul

RT: 15.638 min Scan# 2721

Delta R.T. -0.009 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

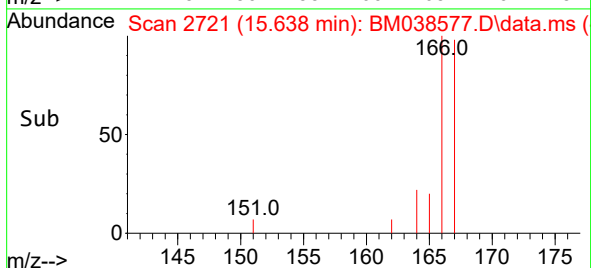
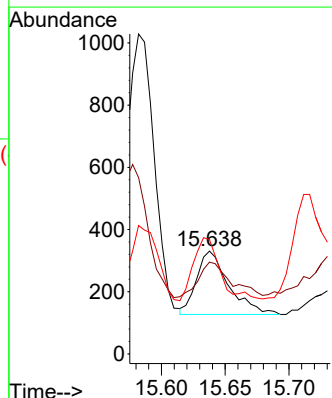
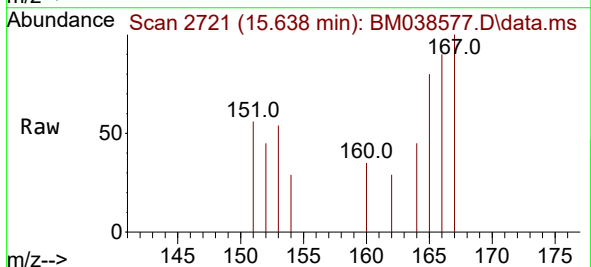
Tgt Ion:166 Resp: 358

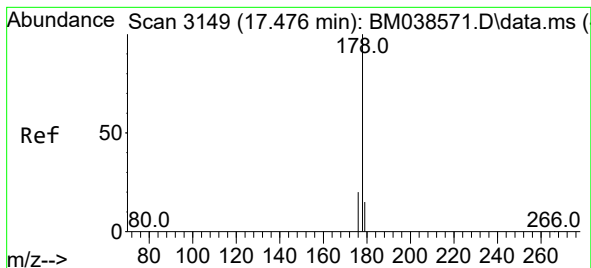
Ion Ratio Lower Upper

166 100

165 89.1 79.3 118.9

167 111.2 11.9 17.9#





#16

Anthracene

Concen: 0.089 ng/ul

RT: 17.468 min Scan# 3147

Delta R.T. -0.008 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

Instrument :

BNA_M

ClientSampleId :

EX9F8

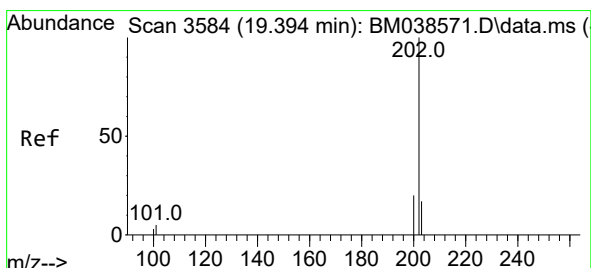
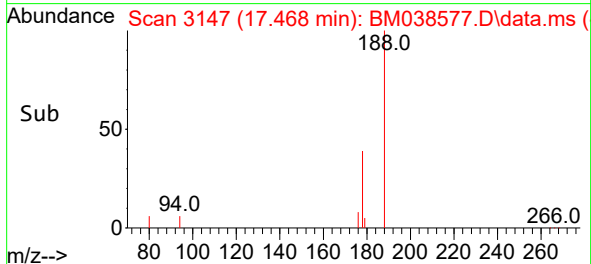
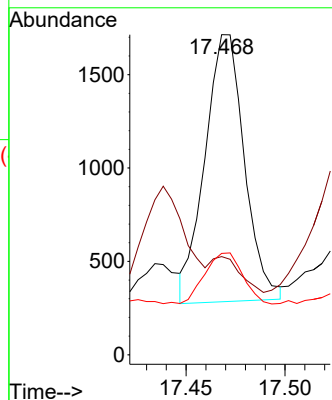
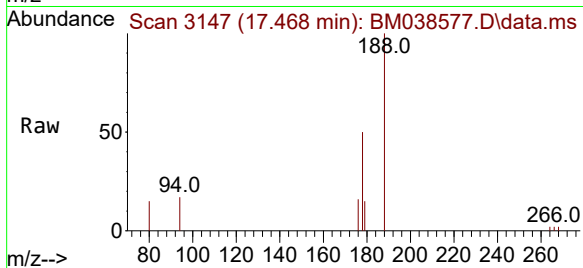
Tgt Ion:178 Resp: 1986

Ion Ratio Lower Upper

178 100

179 30.7 13.2 19.8#

176 31.7 16.2 24.4#



#19

Fluoranthene

Concen: 0.731 ng/ul

RT: 19.390 min Scan# 3583

Delta R.T. -0.005 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

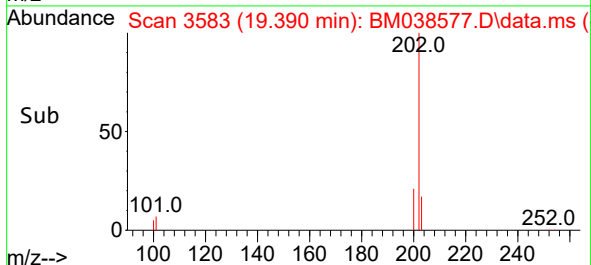
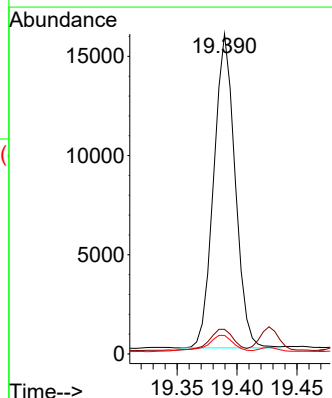
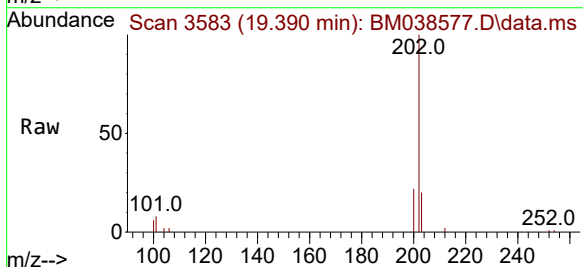
Tgt Ion:202 Resp: 19606

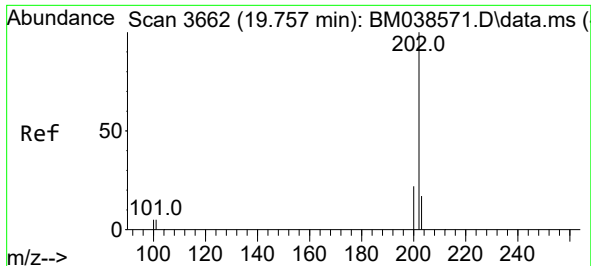
Ion Ratio Lower Upper

202 100

101 7.7 5.3 7.9

100 5.8 4.2 6.2

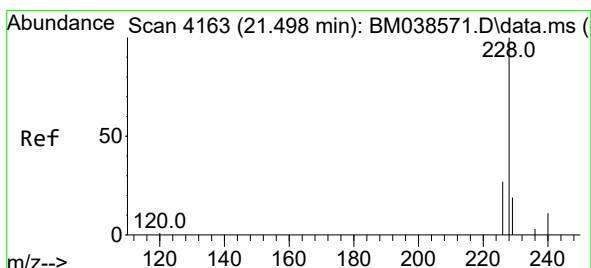
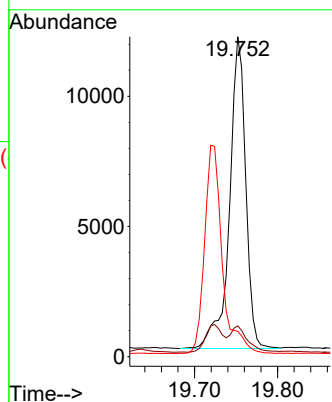
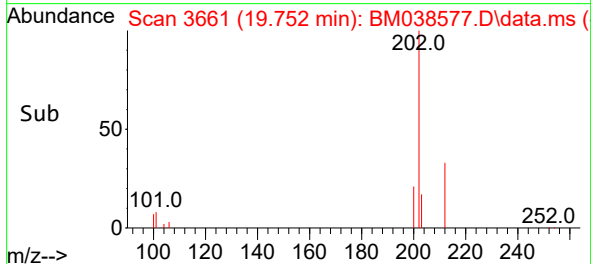
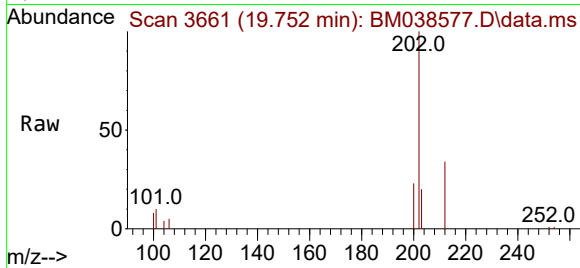




#20
Pyrene
Concen: 0.564 ng/ul
RT: 19.752 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BM038577.D
Acq: 27 Jan 2023 09:29

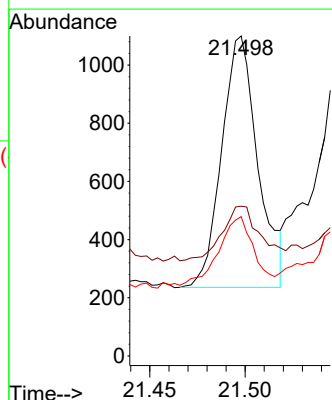
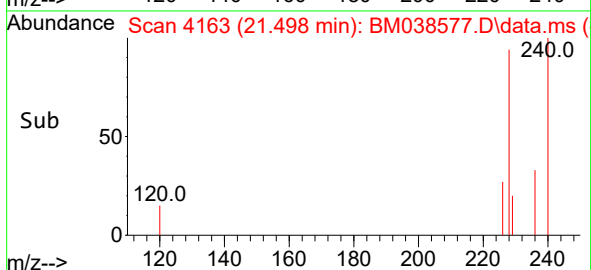
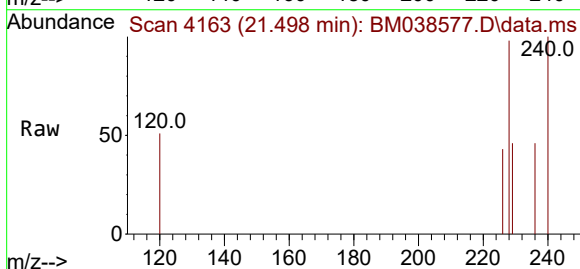
Instrument :
BNA_M
ClientSampleId :
EX9F8

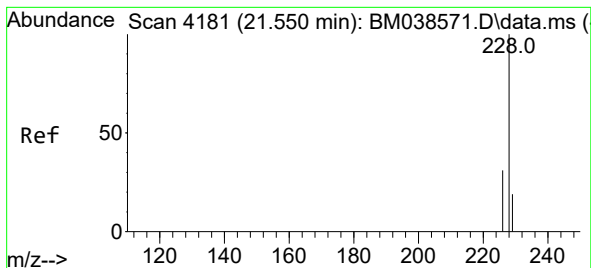
Tgt Ion:202 Resp: 16264
Ion Ratio Lower Upper
202 100
101 9.6 5.9 8.9#
100 7.9 5.2 7.8#



#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038577.D
Acq: 27 Jan 2023 09:29

Tgt Ion:228 Resp: 1140
Ion Ratio Lower Upper
228 100
229 46.8 16.7 25.1#
226 43.5 22.2 33.4#





#22

Chrysene

Concen: 0.046 ng/ul

RT: 21.548 min Scan# 4181

Delta R.T. -0.006 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

Instrument :

BNA_M

ClientSampleId :

EX9F8

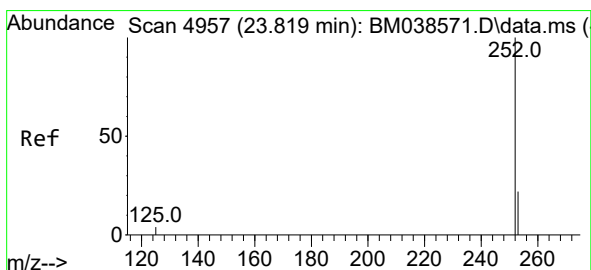
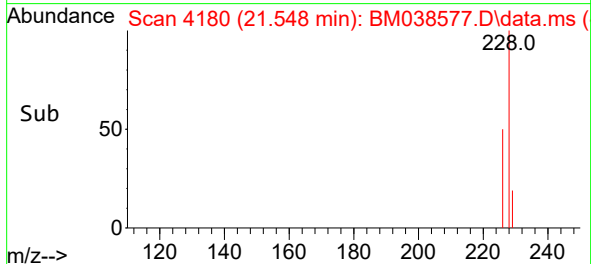
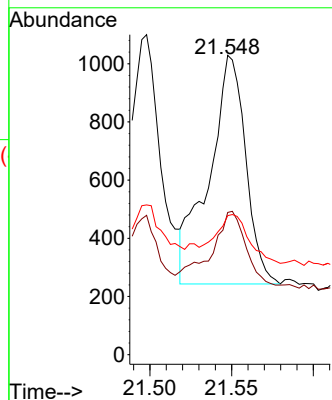
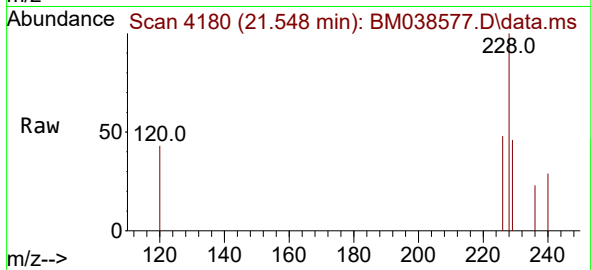
Tgt Ion:228 Resp: 1234

Ion Ratio Lower Upper

228 100

226 47.5 24.6 36.8#

229 46.5 16.2 24.4#



#26

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.766 min Scan# 4939

Delta R.T. -0.056 min

Lab File: BM038577.D

Acq: 27 Jan 2023 09:29

Tgt Ion:252 Resp: 1975

Ion Ratio Lower Upper

252 100

253 66.5 25.1 37.7#

125 48.5 10.0 15.0#

