

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038203.D
 Acq On : 22 Dec 2022 18:12
 Operator : CG/JU
 Sample : N6009-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ7

Quant Time: Dec 23 01:48:37 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)

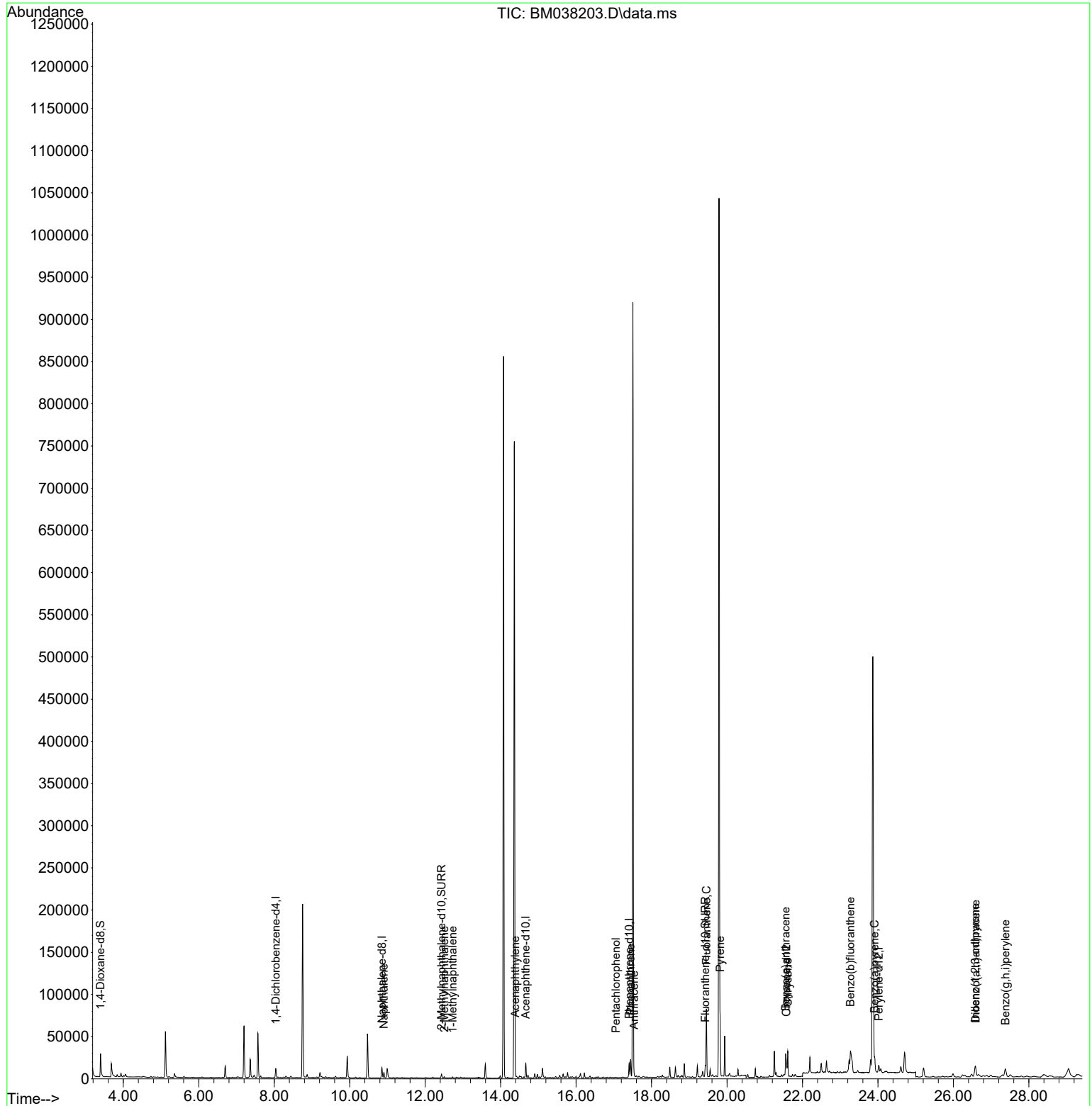
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	5562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	16638	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	9391	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	18887	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.574	240	13304	0.400	ng/ul	# 0.00
23) Perylene-d12	24.021	264	11825	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	18999	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5810	0.237	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11828	0.237	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1783	0.037	ng/ul#	85
7) 2-Methylnaphthalene	12.506	142	1005	0.033	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	803	0.026	ng/ul	92
10) Acenaphthylene	14.389	152	1825	0.035	ng/ul#	76
14) Pentachlorophenol	17.059	266	429	0.046	ng/ul	99
15) Phenanthrene	17.447	178	21654	0.343	ng/ul	99
16) Anthracene	17.540	178	1967	0.032	ng/ul#	79
19) Fluoranthene	19.455	202	66108	0.907	ng/ul	97
20) Pyrene	19.817	202	56239	0.764	ng/ul	100
21) Benzo(a)anthracene	21.554	228	20293	0.348	ng/ul	95
22) Chrysene	21.609	228	30571	0.538	ng/ul	97
24) Benzo(b)fluoranthene	23.272	252	40449	0.773	ng/ul	95
26) Benzo(a)pyrene	23.912	252	23467	0.514	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.579	276	22669	0.358	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.589	278	5142	0.104	ng/ul#	55
29) Benzo(g,h,i)perylene	27.377	276	22420	0.421	ng/ul	98

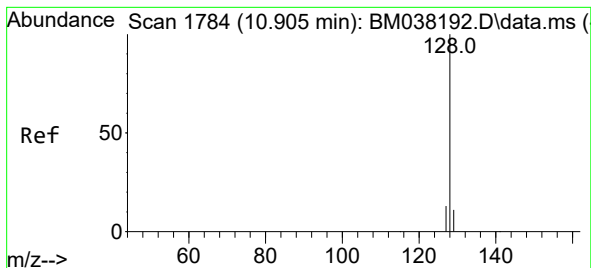
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.037 ng/ul

RT: 10.906 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

Instrument :

BNA_M

ClientSampleId :

DBYJ7

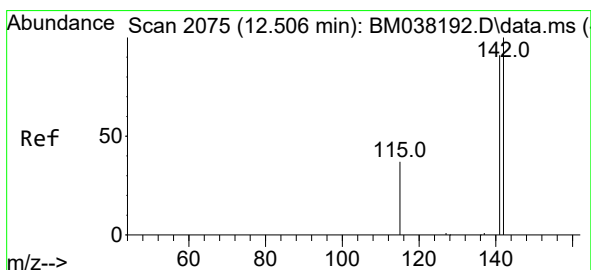
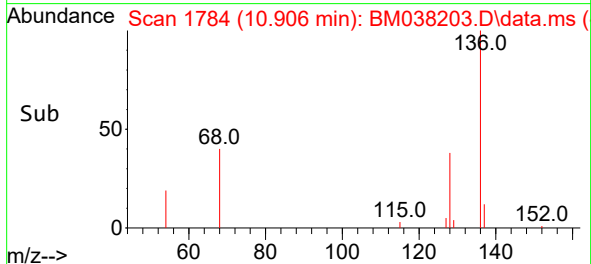
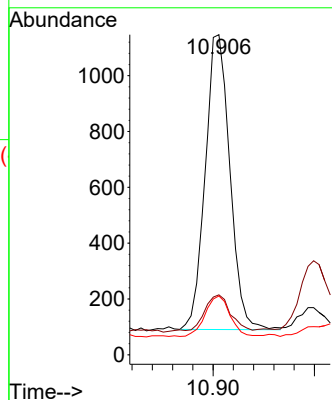
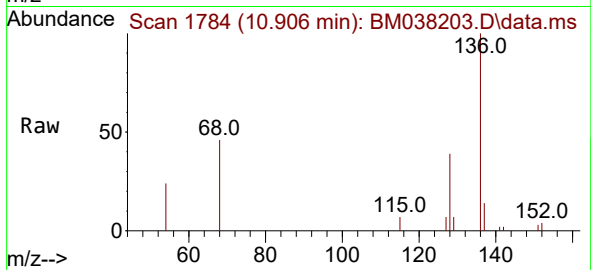
Tgt Ion:128 Resp: 1783

Ion Ratio Lower Upper

128 100

129 18.7 9.4 14.0#

127 18.4 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038203.D

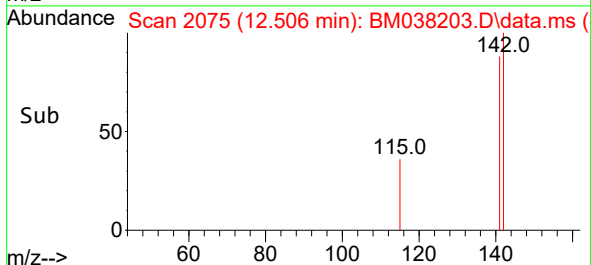
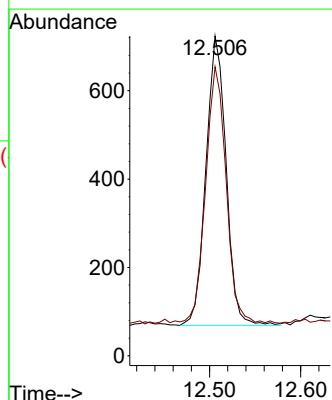
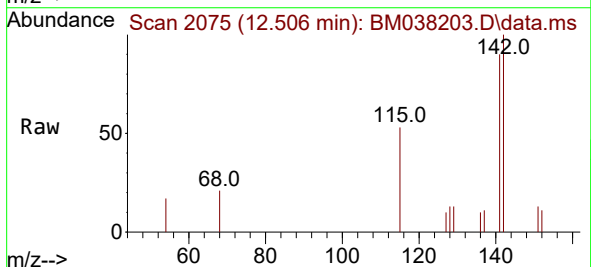
Acq: 22 Dec 2022 18:12

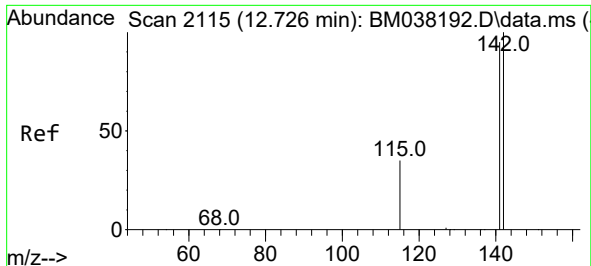
Tgt Ion:142 Resp: 1005

Ion Ratio Lower Upper

142 100

141 90.0 71.9 107.9

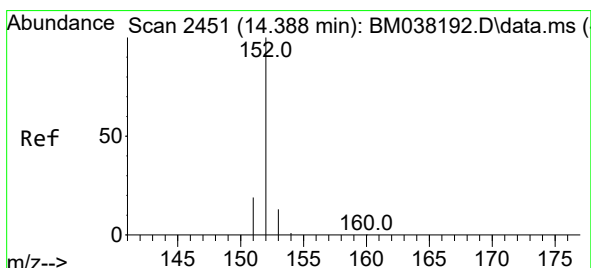
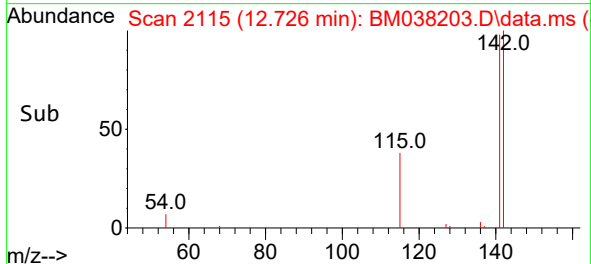
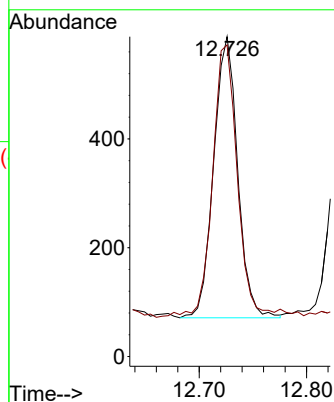
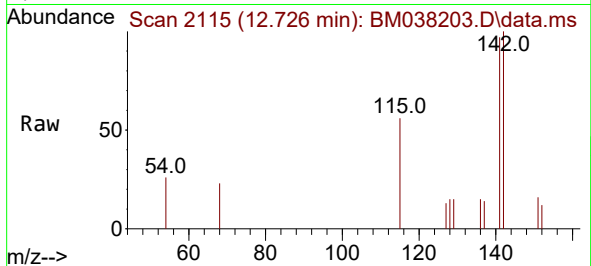




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038203.D
Acq: 22 Dec 2022 18:12

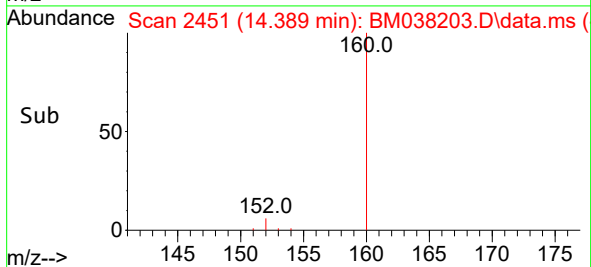
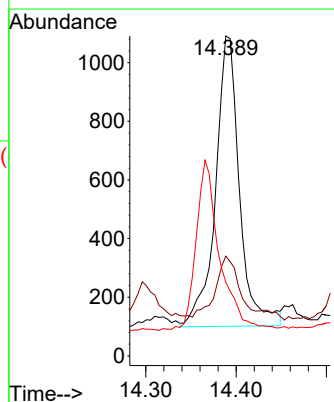
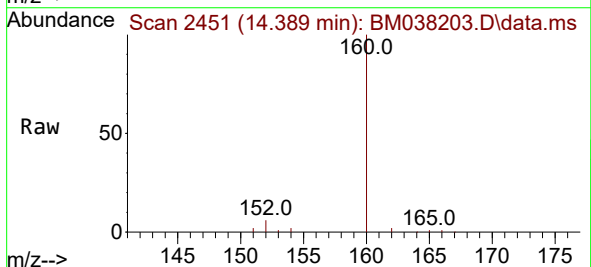
Instrument :
BNA_M
ClientSampleId :
DBYJ7

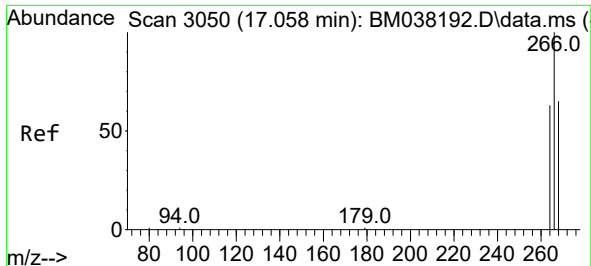
Tgt Ion:142 Resp: 803
Ion Ratio Lower Upper
142 100
141 101.4 74.7 112.1



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038203.D
Acq: 22 Dec 2022 18:12

Tgt Ion:152 Resp: 1825
Ion Ratio Lower Upper
152 100
151 31.2 16.2 24.2#
153 23.1 10.7 16.1#

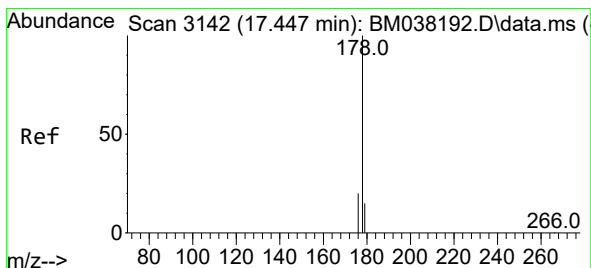
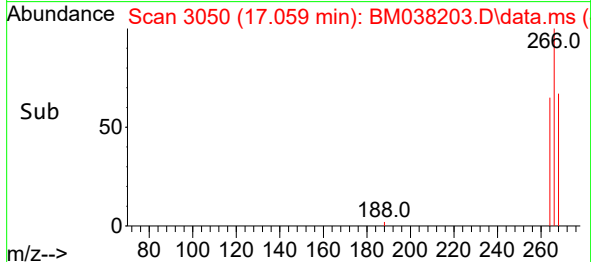
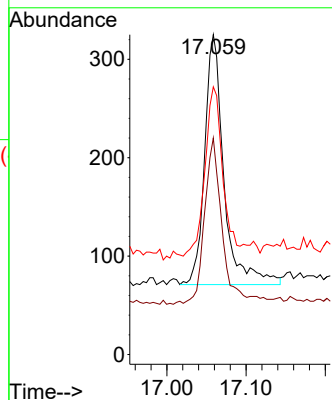
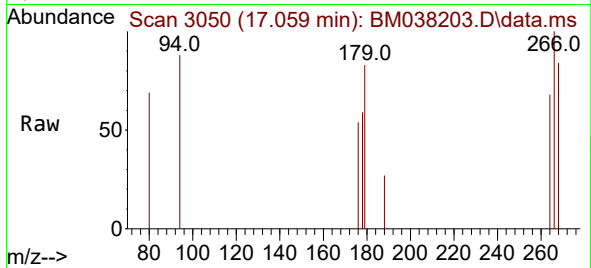




#14
 Pentachlorophenol
 Concen: 0.046 ng/ul
 RT: 17.059 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: BM038203.D
 Acq: 22 Dec 2022 18:12

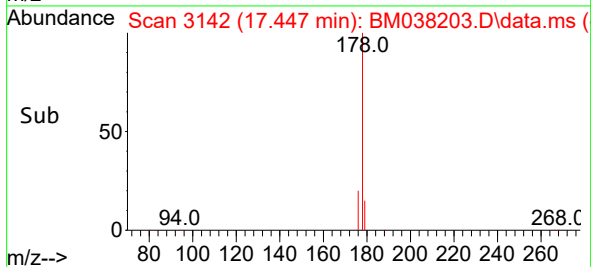
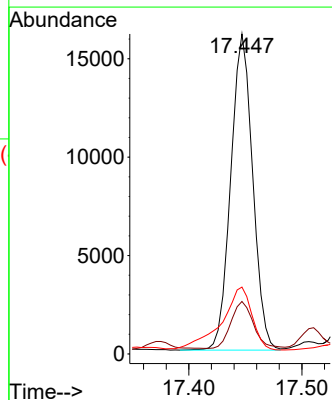
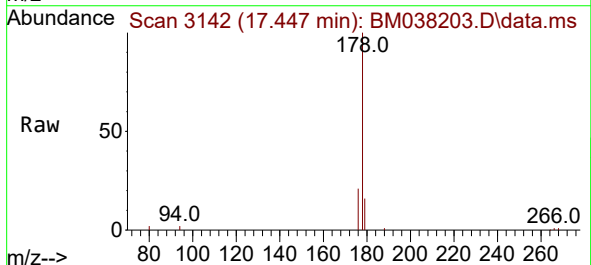
Instrument :
 BNA_M
 ClientSampleId :
 DBYJ7

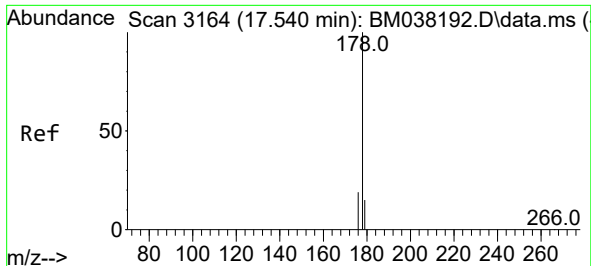
Tgt Ion:266 Resp: 429
 Ion Ratio Lower Upper
 266 100
 264 62.0 49.9 74.9
 268 65.7 51.2 76.8



#15
 Phenanthrene
 Concen: 0.343 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038203.D
 Acq: 22 Dec 2022 18:12

Tgt Ion:178 Resp: 21654
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.0 19.4
 176 20.9 16.2 24.4

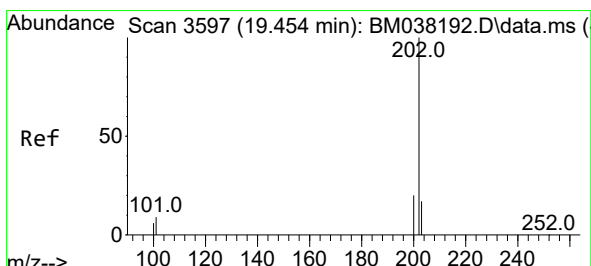
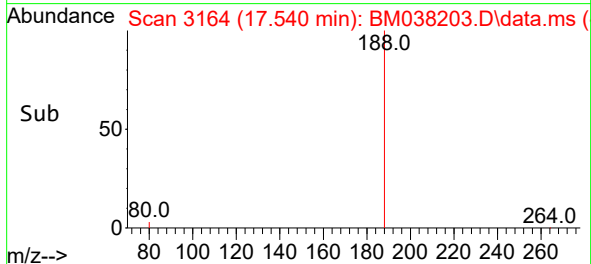
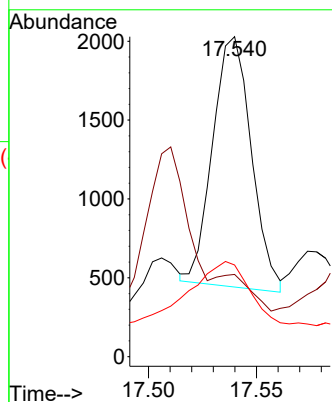
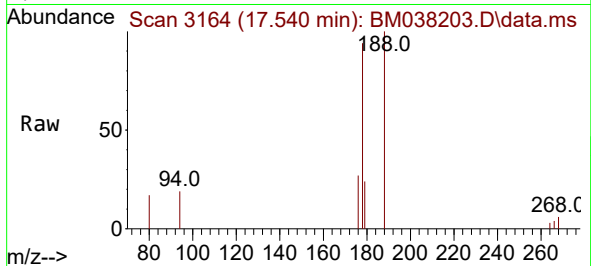




#16
 Anthracene
 Concen: 0.032 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038203.D
 Acq: 22 Dec 2022 18:12

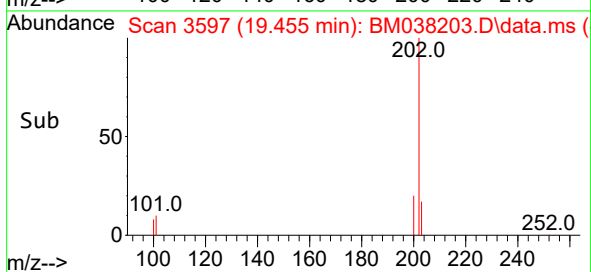
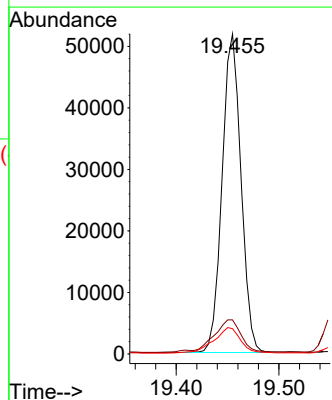
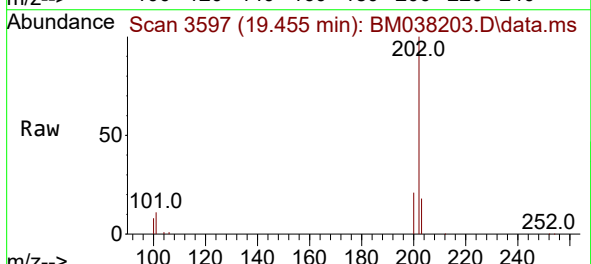
Instrument :
 BNA_M
 ClientSampleId :
 DBYJ7

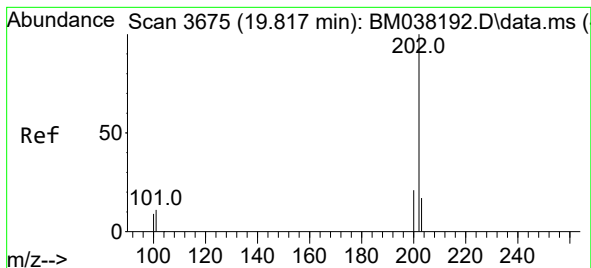
Tgt Ion:	178	Resp:	1967
Ion Ratio	Lower	Upper	
178	100		
179	25.7	13.0	19.6#
176	28.6	15.6	23.4#



#19
 Fluoranthene
 Concen: 0.907 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038203.D
 Acq: 22 Dec 2022 18:12

Tgt Ion:	202	Resp:	66108
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.5	11.3
100	7.9	5.6	8.4





#20

Pyrene

Concen: 0.764 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

Instrument :

BNA_M

ClientSampleId :

DBYJ7

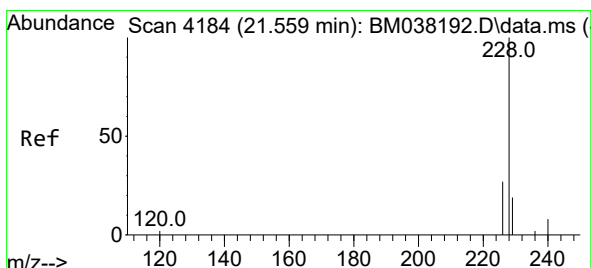
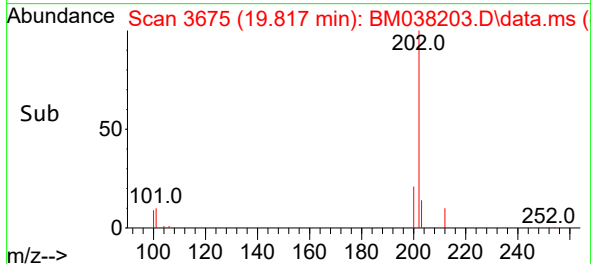
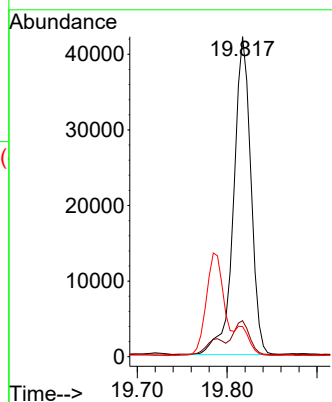
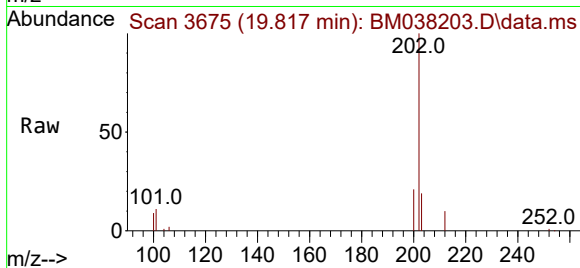
Tgt Ion:202 Resp: 56239

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

100 9.4 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.348 ng/ul

RT: 21.554 min Scan# 4182

Delta R.T. -0.006 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

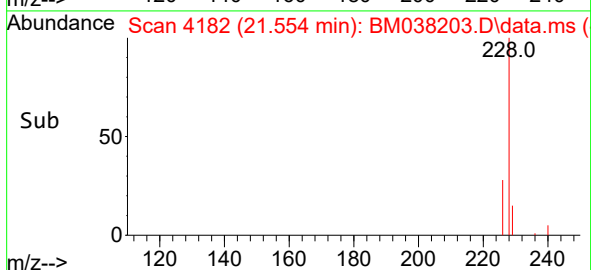
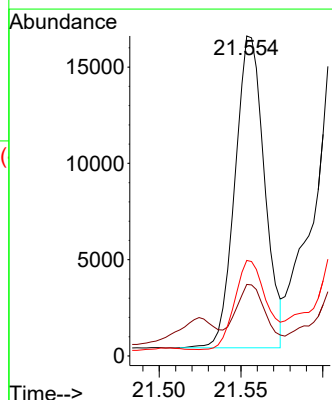
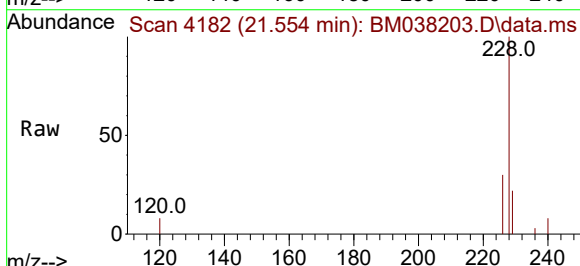
Tgt Ion:228 Resp: 20293

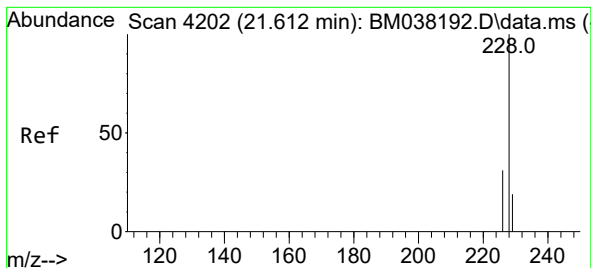
Ion Ratio Lower Upper

228 100

229 22.4 15.5 23.3

226 29.9 22.2 33.2





#22

Chrysene

Concen: 0.538 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038203.D

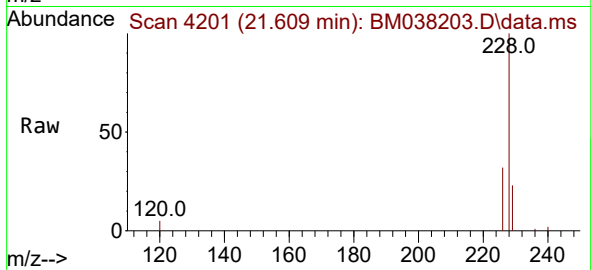
Acq: 22 Dec 2022 18:12

Instrument :

BNA_M

ClientSampleId :

DBYJ7



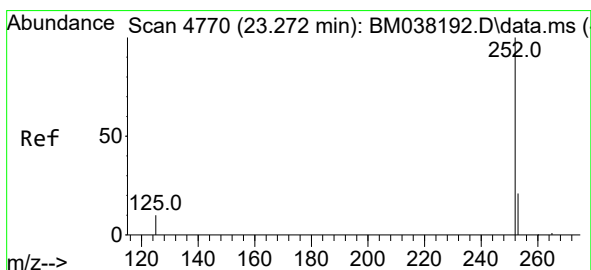
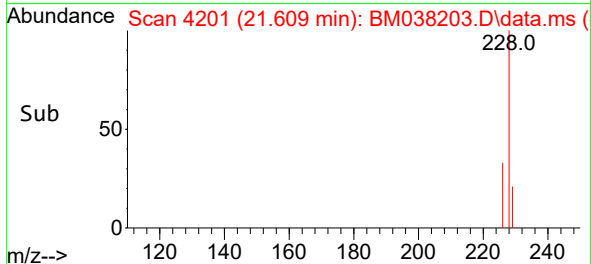
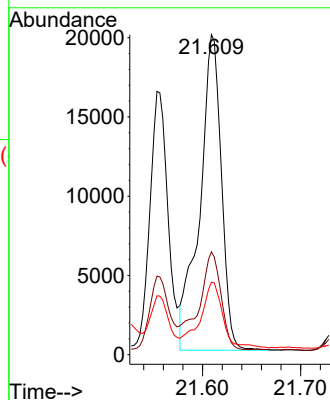
Tgt Ion:228 Resp: 30571

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.4

229 22.7 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.773 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

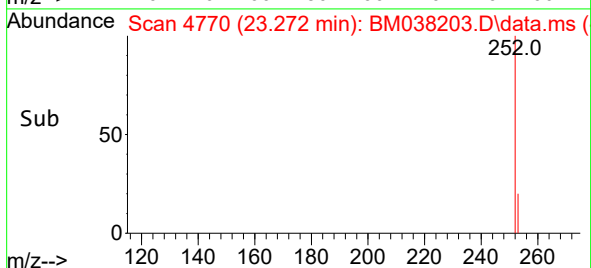
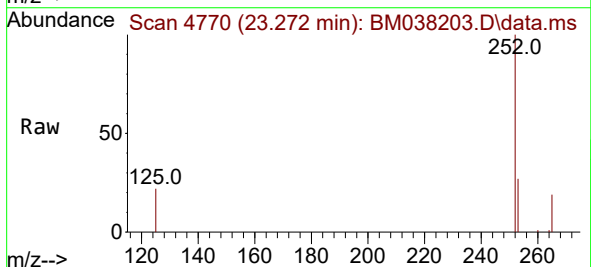
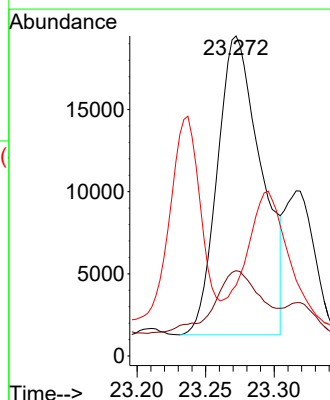
Tgt Ion:252 Resp: 40449

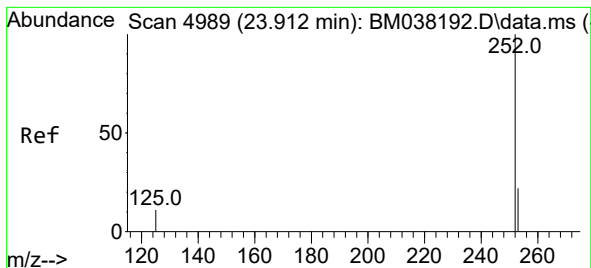
Ion Ratio Lower Upper

252 100

253 26.7 0.0 56.0

125 22.1 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.514 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

Instrument :

BNA_M

ClientSampleId :

DBYJ7

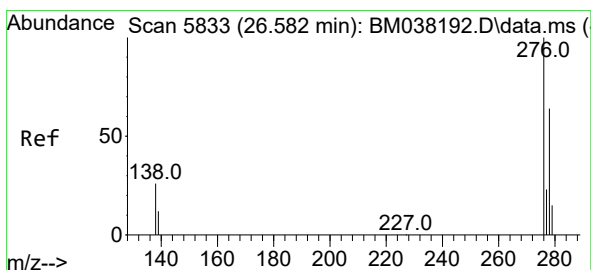
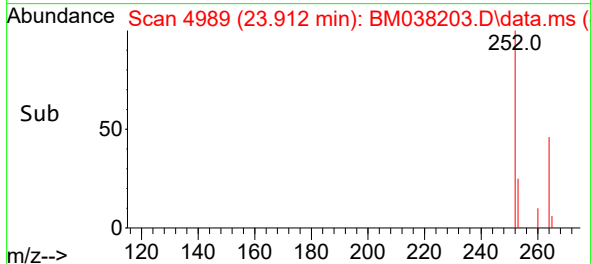
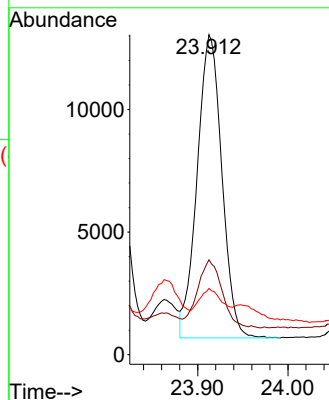
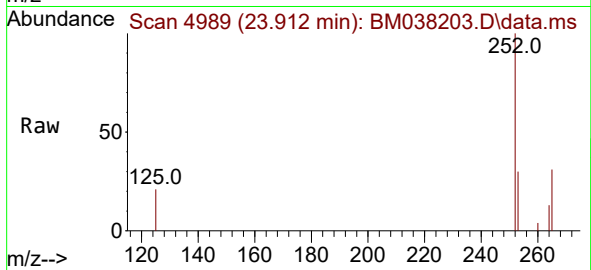
Tgt Ion:252 Resp: 23467

Ion Ratio Lower Upper

252 100

253 29.7 24.2 36.4

125 20.7 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.358 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038203.D

Acq: 22 Dec 2022 18:12

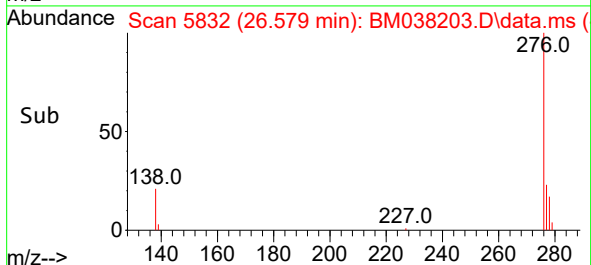
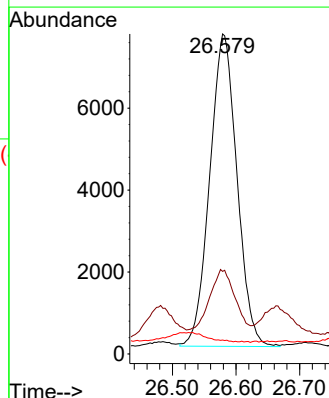
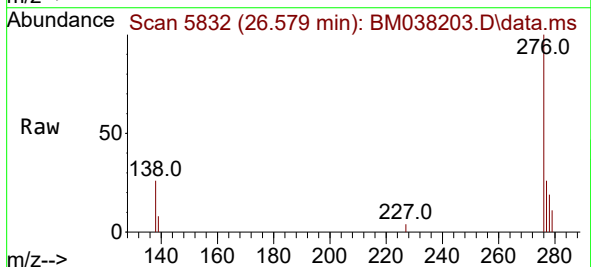
Tgt Ion:276 Resp: 22669

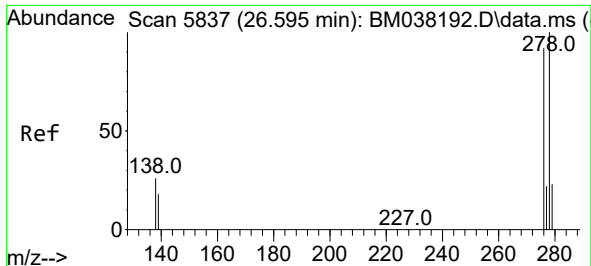
Ion Ratio Lower Upper

276 100

138 21.2 21.7 32.5#

227 0.0 0.0 0.0

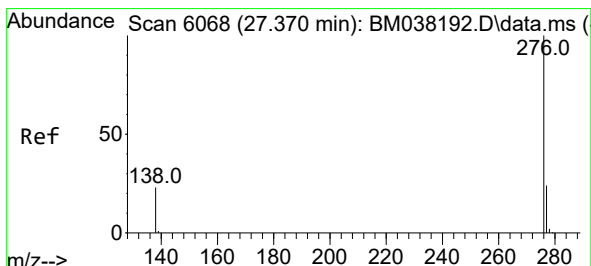
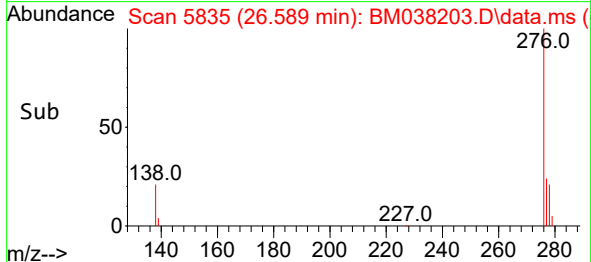
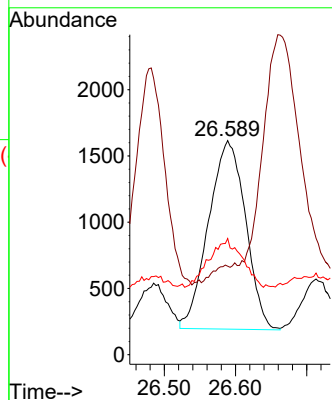
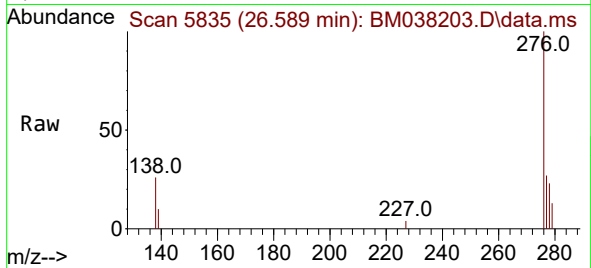




#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.589 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM038203.D
Acq: 22 Dec 2022 18:12

Instrument :
BNA_M
ClientSampleId :
DBYJ7

Tgt Ion:278 Resp: 5142
Ion Ratio Lower Upper
278 100
139 41.3 16.8 25.2#
279 54.3 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038203.D
Acq: 22 Dec 2022 18:12

Tgt Ion:276 Resp: 22420
Ion Ratio Lower Upper
276 100
138 27.6 20.8 31.2
277 26.1 20.5 30.7

