

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025185.D
 Acq On : 27 Apr 2023 19:32
 Operator : CG/JU
 Sample : 02418-25DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623-FD

Quant Time: Apr 28 01:50:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

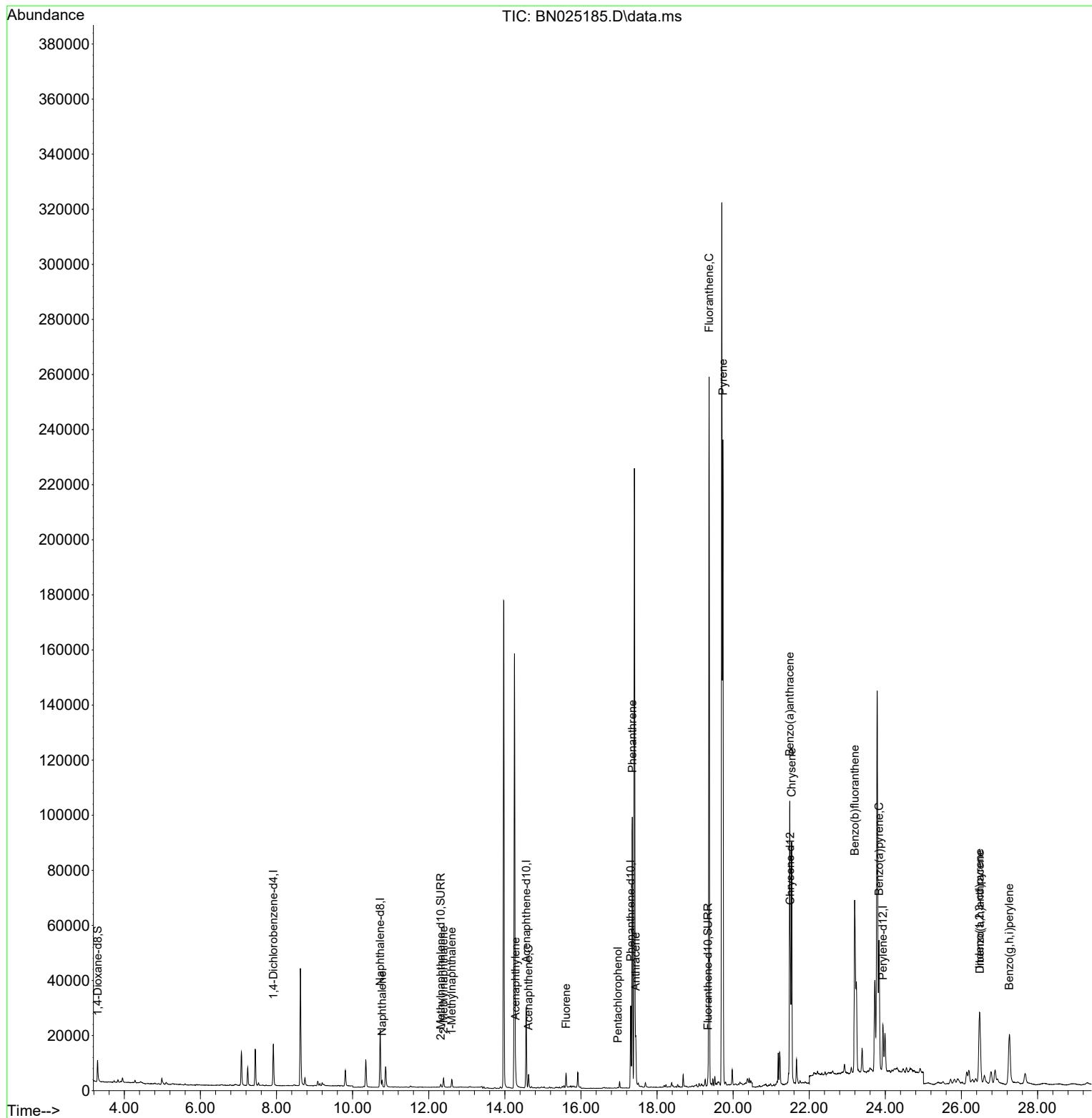
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	27063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	15837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	33675	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	25477	0.400	ng/ul	0.00
23) Perylene-d12	23.937	264	21649	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4843	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	1463	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	3184	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.774	128	3238	0.047	ng/ul#	92
7) 2-Methylnaphthalene	12.391	142	2545	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.606	142	1991	0.044	ng/ul	100
10) Acenaphthylene	14.283	152	7597	0.129	ng/ul	96
11) Acenaphthene	14.621	153	2847	0.057	ng/ul	99
12) Fluorene	15.611	166	3422	0.062	ng/ul#	96
14) Pentachlorophenol	16.966	266	165	0.025	ng/ul	95
15) Phenanthrene	17.351	178	101098	1.064	ng/ul	99
16) Anthracene	17.439	178	15839	0.204	ng/ul	98
19) Fluoranthene	19.367	202	211026	2.291	ng/ul	99
20) Pyrene	19.730	202	187631	1.982	ng/ul	98
21) Benzo(a)anthracene	21.487	228	81117	1.057	ng/ul	98
22) Chrysene	21.537	228	85839	1.025	ng/ul	98
24) Benzo(b)fluoranthene	23.194	252	141388	1.610	ng/ul	99
26) Benzo(a)pyrene	23.834	252	69003	0.950	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.473	276	47089	0.562	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.486	278	10618	0.162	ng/ul#	79
29) Benzo(g,h,i)perylene	27.257	276	42193	0.593	ng/ul	98

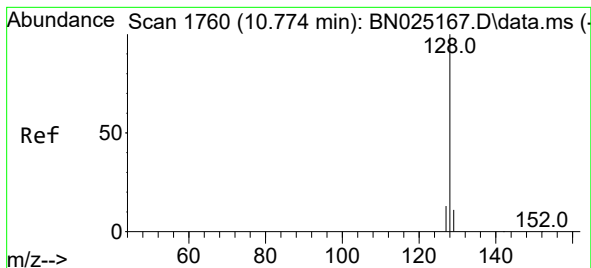
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.047 ng/ul

RT: 10.774 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025185.D

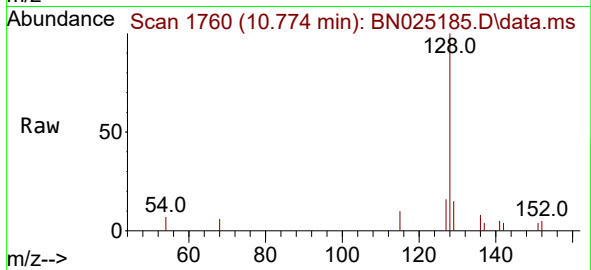
Acq: 27 Apr 2023 19:32

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD



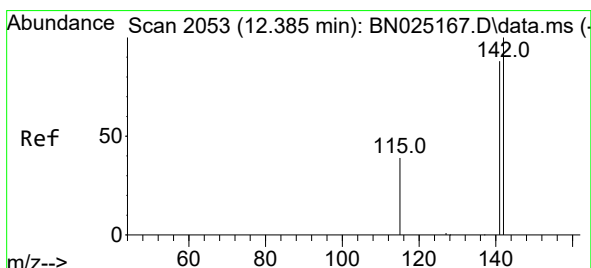
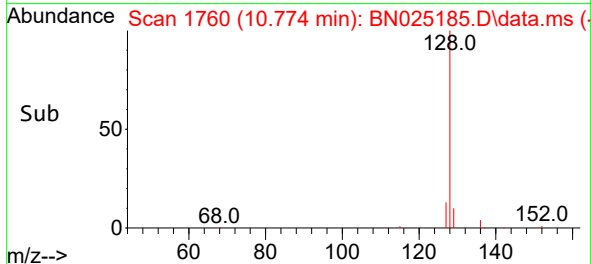
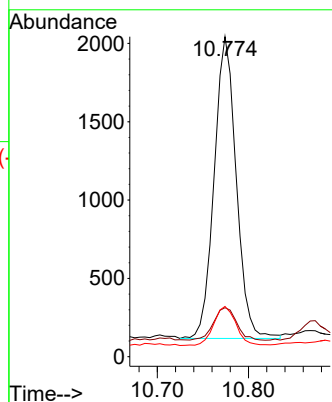
Tgt Ion:128 Resp: 3238

Ion Ratio Lower Upper

128 100

129 15.3 9.0 13.6#

127 15.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.391 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BN025185.D

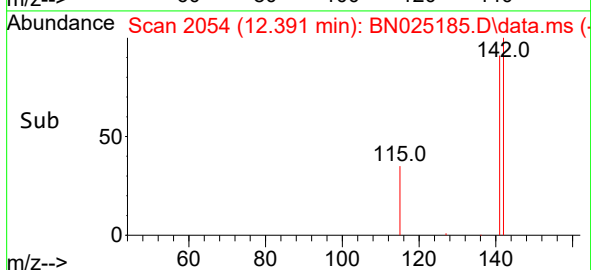
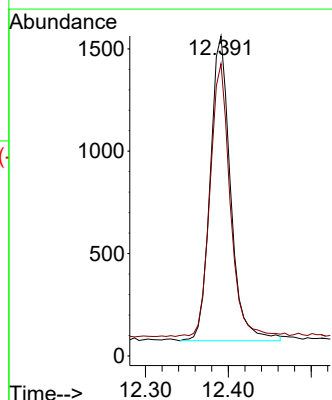
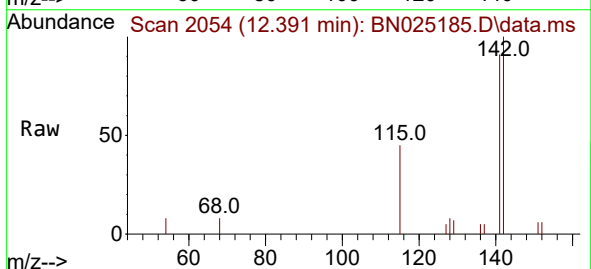
Acq: 27 Apr 2023 19:32

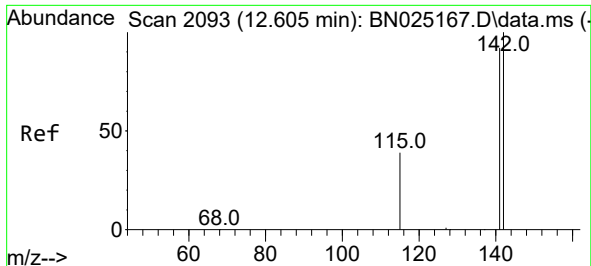
Tgt Ion:142 Resp: 2545

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.0

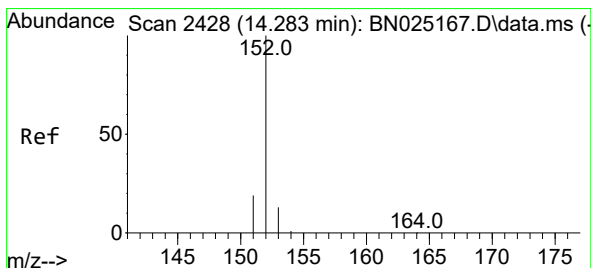
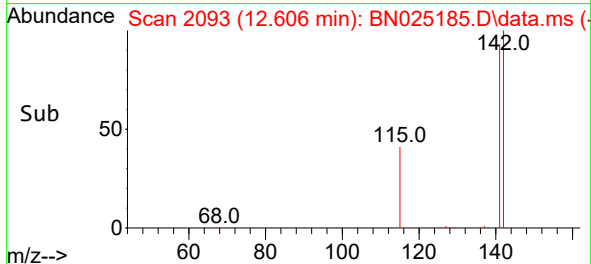
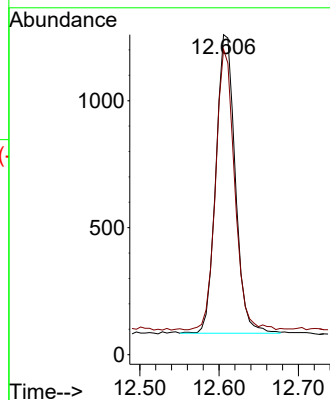
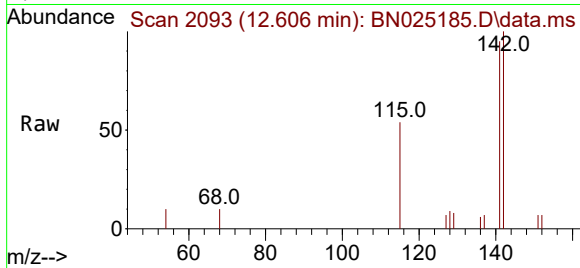




#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32

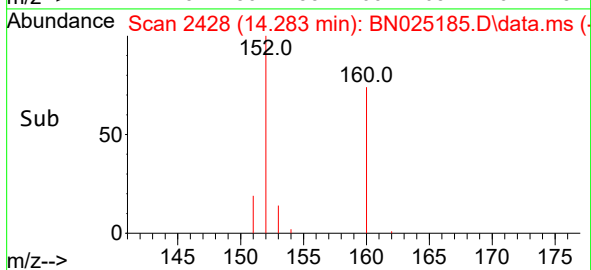
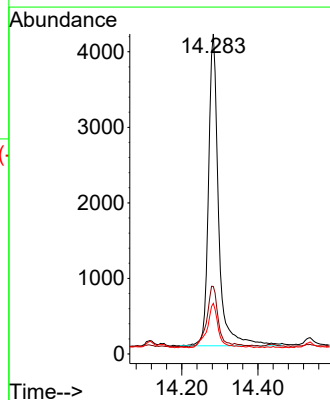
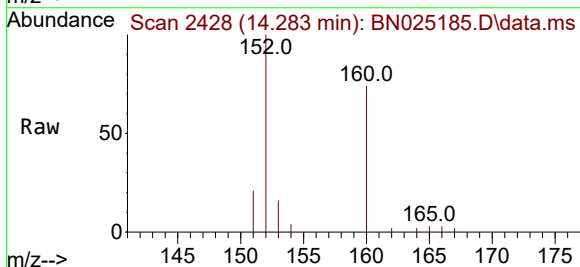
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

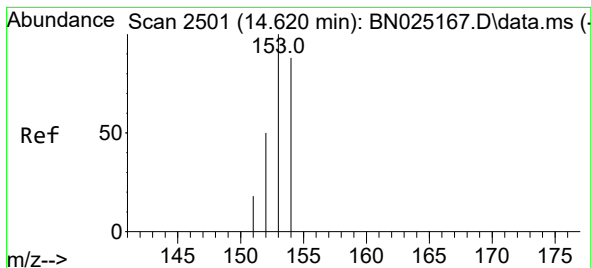
Tgt Ion:142 Resp: 1991
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32

Tgt Ion:152 Resp: 7597
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 15.8 10.8 16.2





#11

Acenaphthene

Concen: 0.057 ng/ul

RT: 14.621 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD

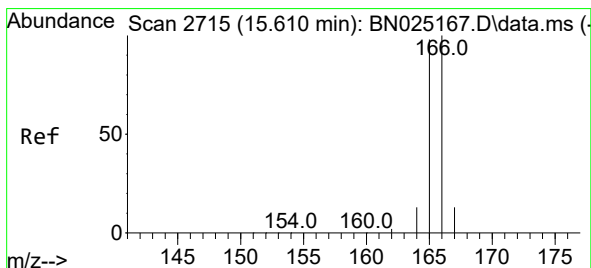
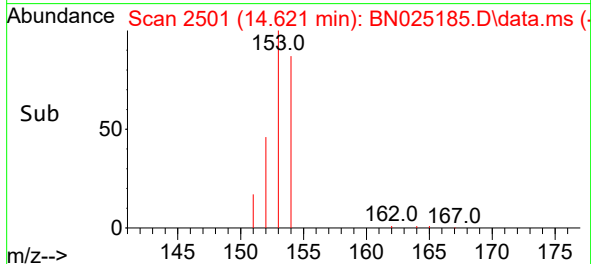
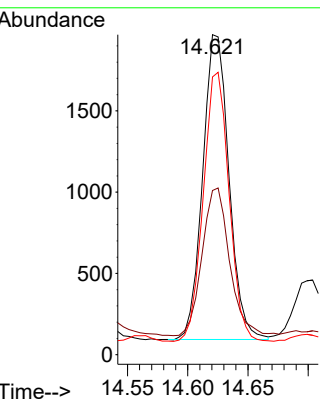
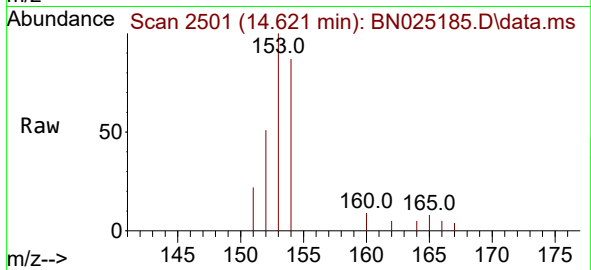
Tgt Ion:153 Resp: 2847

Ion Ratio Lower Upper

153 100

152 51.3 40.2 60.4

154 86.8 69.4 104.2



#12

Fluorene

Concen: 0.062 ng/ul

RT: 15.611 min Scan# 2715

Delta R.T. 0.000 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

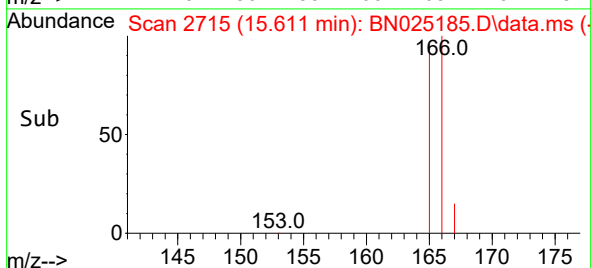
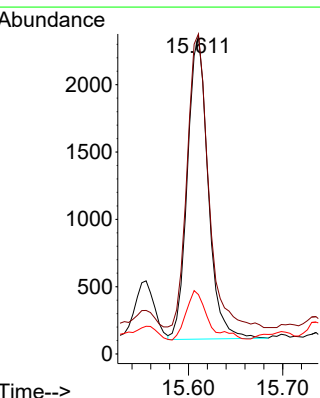
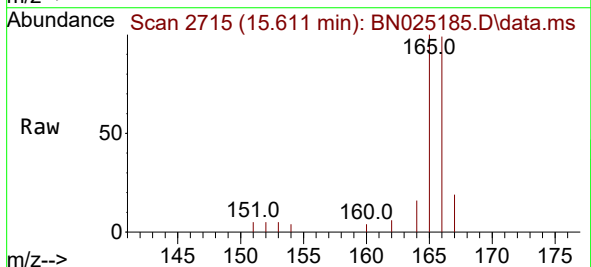
Tgt Ion:166 Resp: 3422

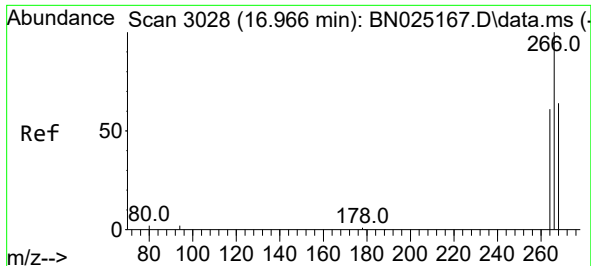
Ion Ratio Lower Upper

166 100

165 100.5 78.1 117.1

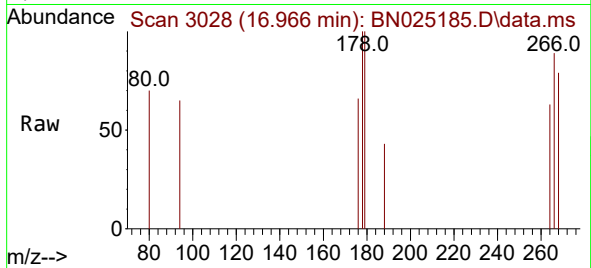
167 18.6 11.0 16.6#



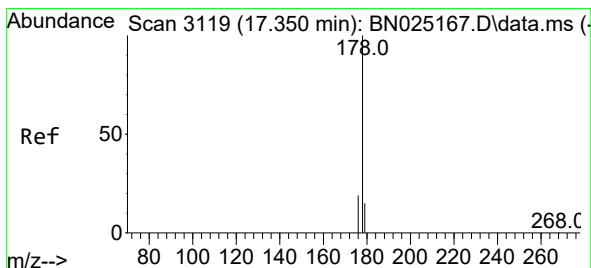
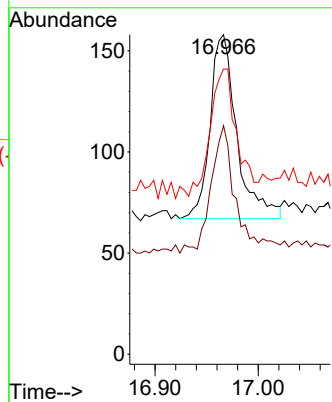
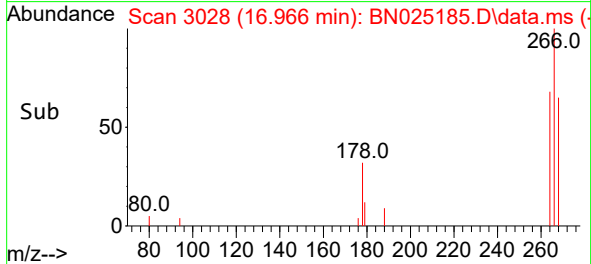


#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.966 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32

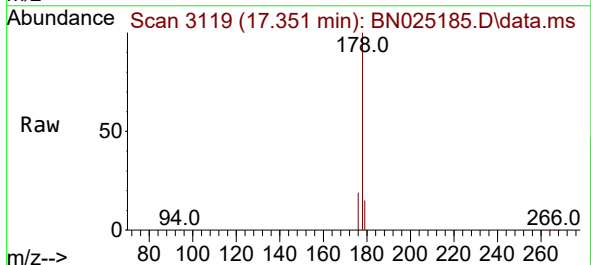
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD



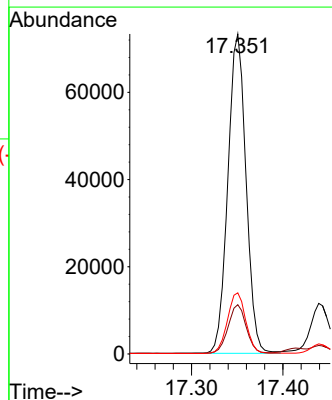
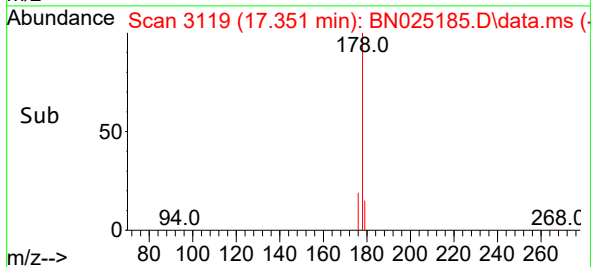
Tgt Ion:266 Resp: 165
Ion Ratio Lower Upper
266 100
264 66.1 49.6 74.4
268 67.9 51.3 76.9

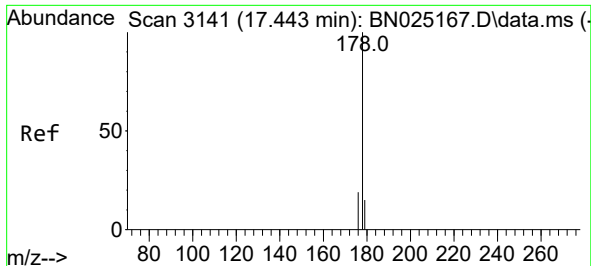


#15
Phenanthrene
Concen: 1.064 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32



Tgt Ion:178 Resp: 101098
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 19.1 15.6 23.4

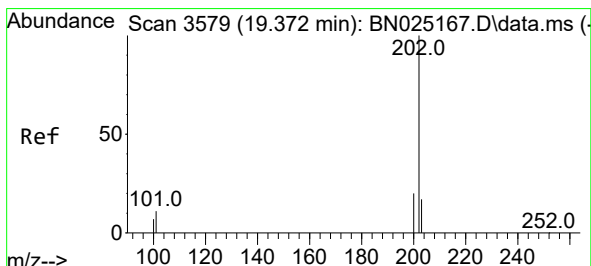
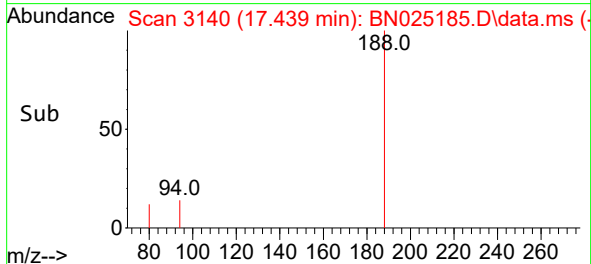
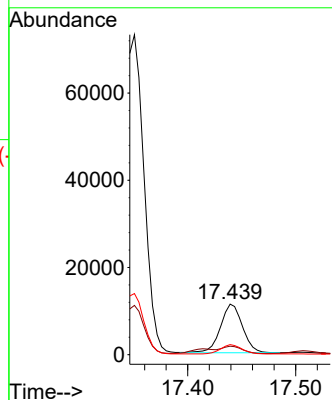
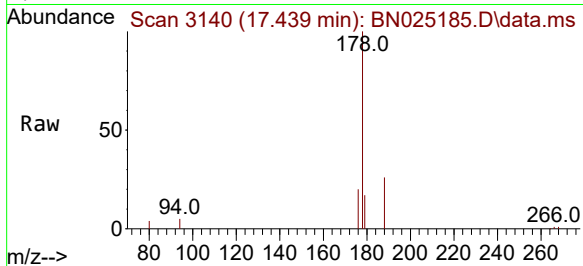




#16
 Anthracene
 Concen: 0.204 ng/ul
 RT: 17.439 min Scan# 3141
 Delta R.T. -0.004 min
 Lab File: BN025185.D
 Acq: 27 Apr 2023 19:32

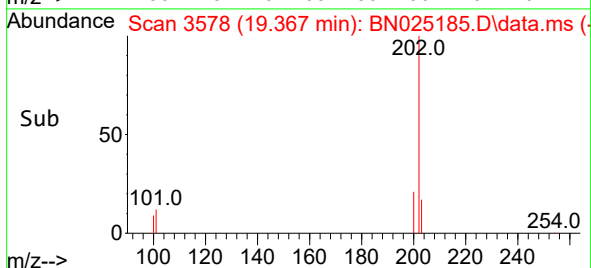
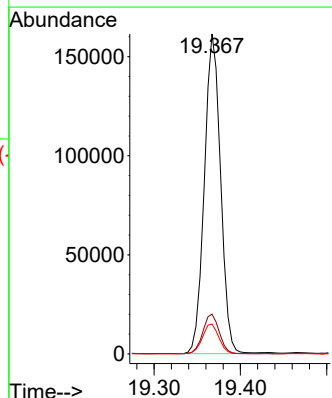
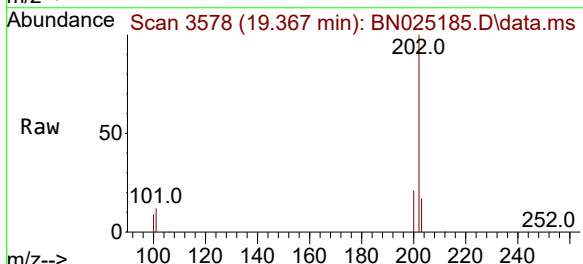
Instrument :
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 GWOW-06B-40-45-042623-FD

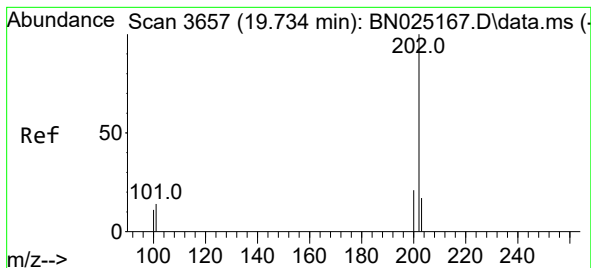
Tgt Ion:178 Resp: 15839
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.7 19.1
 176 19.8 15.3 22.9



#19
 Fluoranthene
 Concen: 2.291 ng/ul
 RT: 19.367 min Scan# 3578
 Delta R.T. -0.004 min
 Lab File: BN025185.D
 Acq: 27 Apr 2023 19:32

Tgt Ion:202 Resp: 211026
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.7 14.5
 100 9.3 7.3 10.9





#20

Pyrene

Concen: 1.982 ng/ul

RT: 19.730 min Scan# 3656

Delta R.T. -0.004 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD

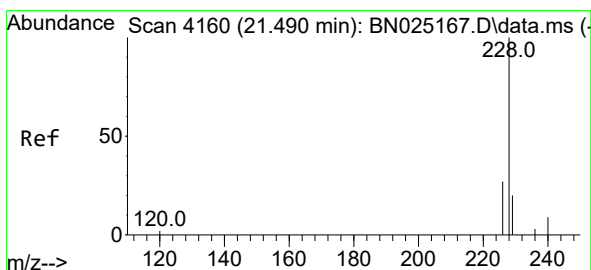
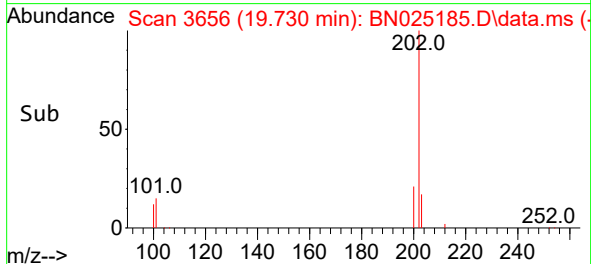
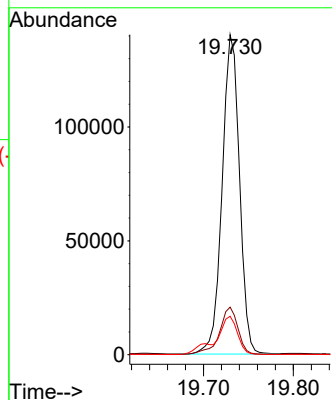
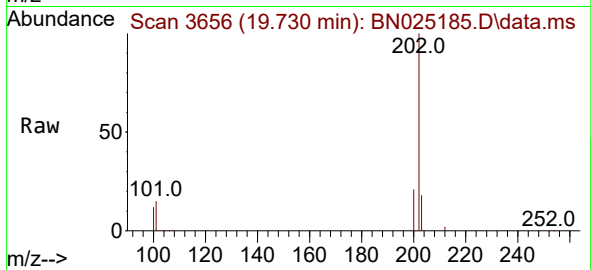
Tgt Ion:202 Resp: 187631

Ion Ratio Lower Upper

202 100

101 14.9 11.3 16.9

100 12.0 9.2 13.8



#21

Benzo(a)anthracene

Concen: 1.057 ng/ul

RT: 21.487 min Scan# 4159

Delta R.T. -0.003 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

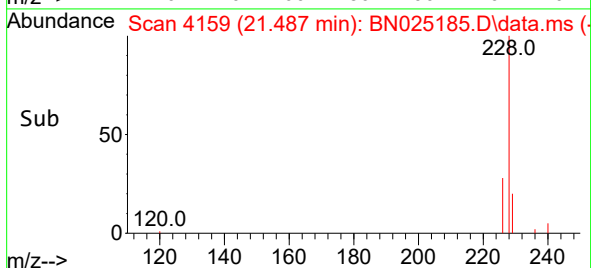
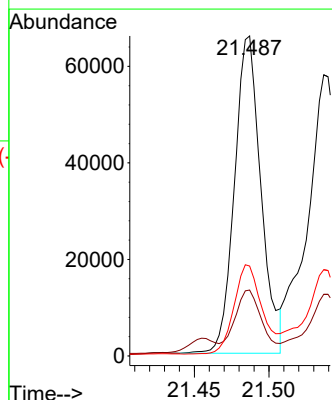
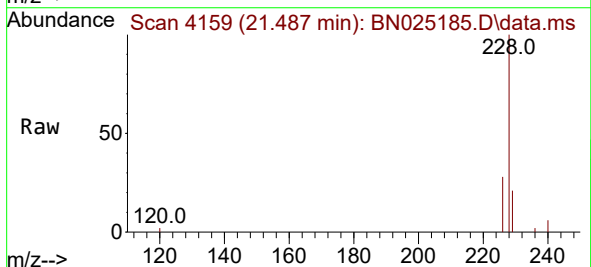
Tgt Ion:228 Resp: 81117

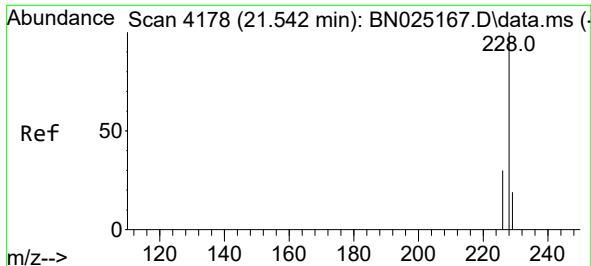
Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

226 28.1 22.1 33.1





#22

Chrysene

Concen: 1.025 ng/ul

RT: 21.537 min Scan# 4176

Delta R.T. -0.006 min

Lab File: BN025185.D

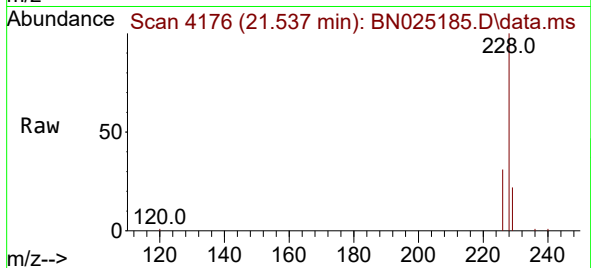
Acq: 27 Apr 2023 19:32

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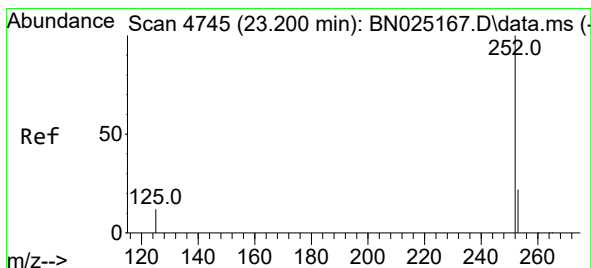
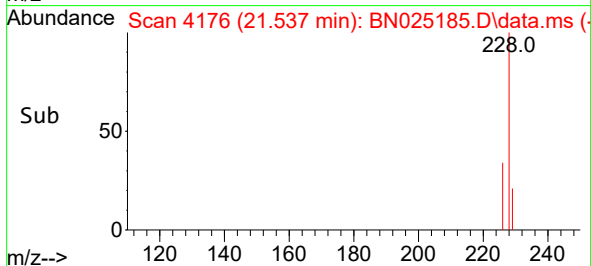
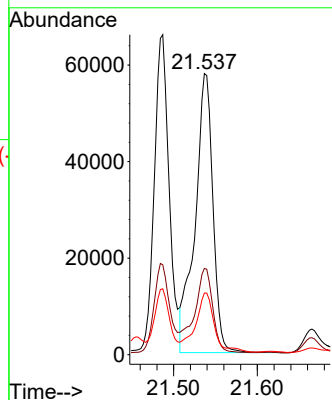
Tgt Ion:228 Resp: 85839

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 21.9 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.610 ng/ul

RT: 23.194 min Scan# 4743

Delta R.T. -0.006 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

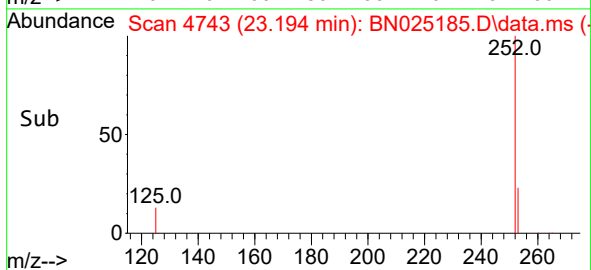
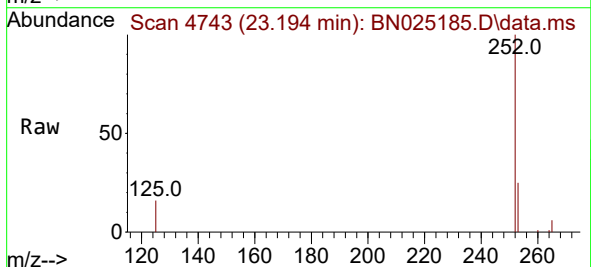
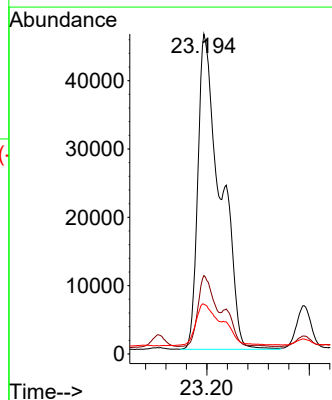
Tgt Ion:252 Resp: 141388

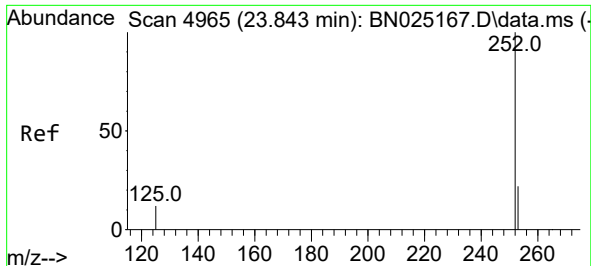
Ion Ratio Lower Upper

252 100

253 24.5 0.0 50.2

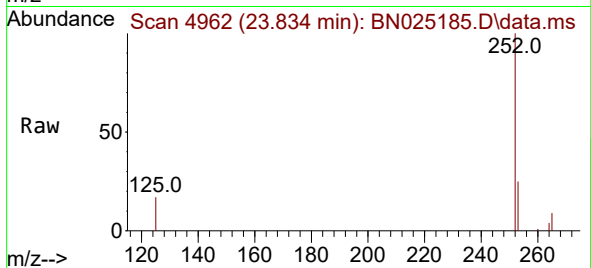
125 15.6 0.0 30.4



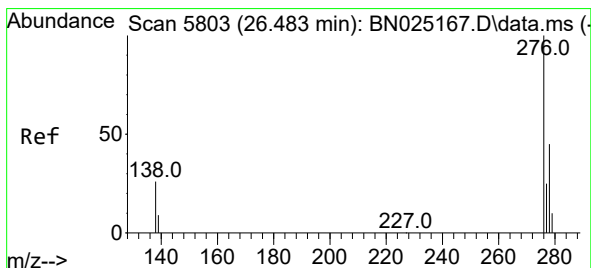
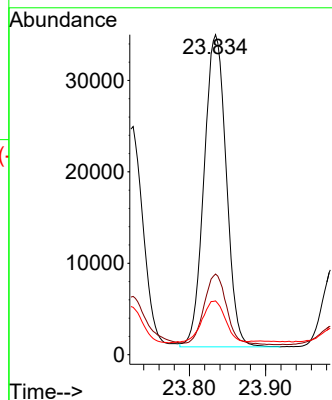
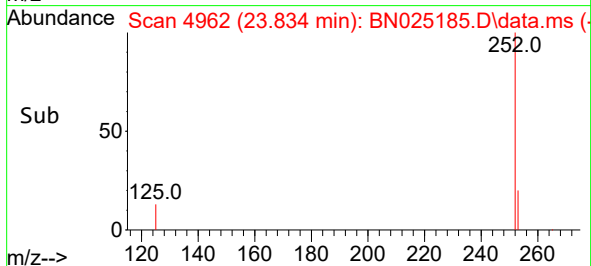


#26
Benzo(a)pyrene
Concen: 0.950 ng/ul
RT: 23.834 min Scan# 4965
Delta R.T. -0.009 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32

Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623-FD

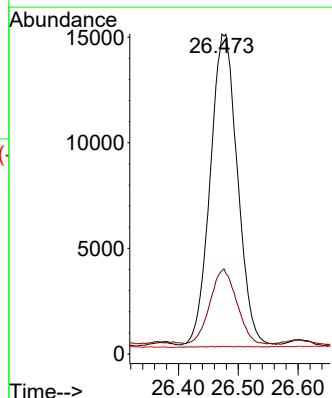
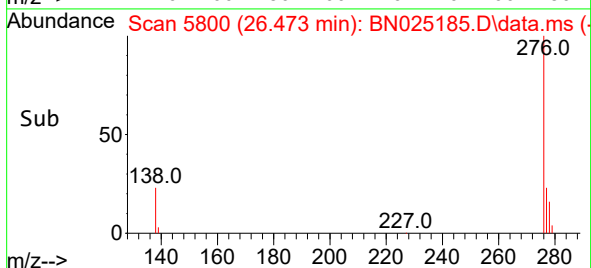
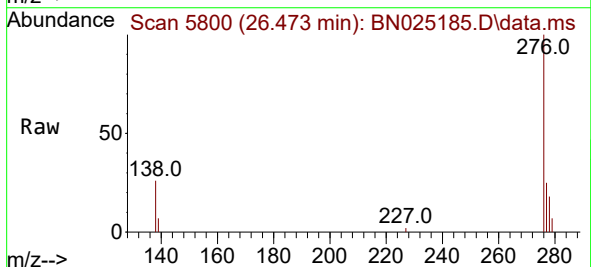


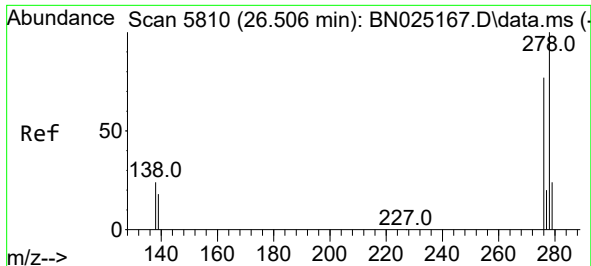
Tgt Ion:252 Resp: 69003
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.2
125 16.8 14.6 22.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng/ul
RT: 26.473 min Scan# 5800
Delta R.T. -0.010 min
Lab File: BN025185.D
Acq: 27 Apr 2023 19:32

Tgt Ion:276 Resp: 47089
Ion Ratio Lower Upper
276 100
138 23.4 21.9 32.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.162 ng/ul

RT: 26.486 min Scan# 5804

Delta R.T. -0.020 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623-FD

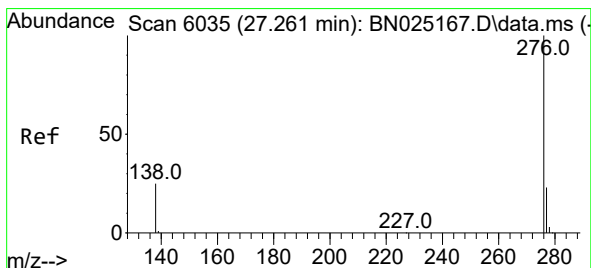
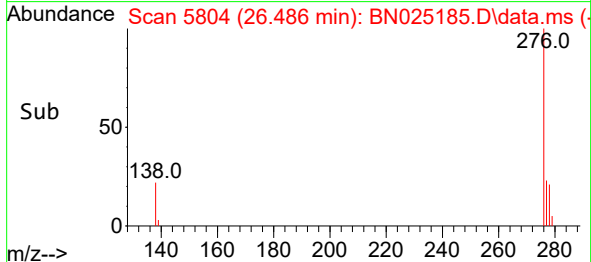
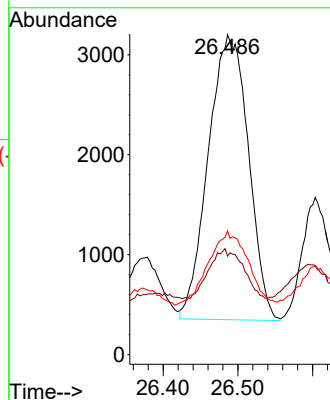
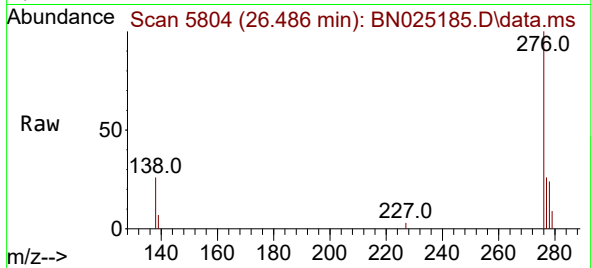
Tgt Ion:278 Resp: 10618

Ion Ratio Lower Upper

278 100

139 30.8 17.0 25.6#

279 38.7 21.8 32.8#



#29

Benzo(g,h,i)perylene

Concen: 0.593 ng/ul

RT: 27.257 min Scan# 6034

Delta R.T. -0.003 min

Lab File: BN025185.D

Acq: 27 Apr 2023 19:32

Tgt Ion:276 Resp: 42193

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

277 25.5 19.8 29.6

