

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025184.D
 Acq On : 27 Apr 2023 18:56
 Operator : CG/JU
 Sample : 02418-22DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Apr 28 01:49:52 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)

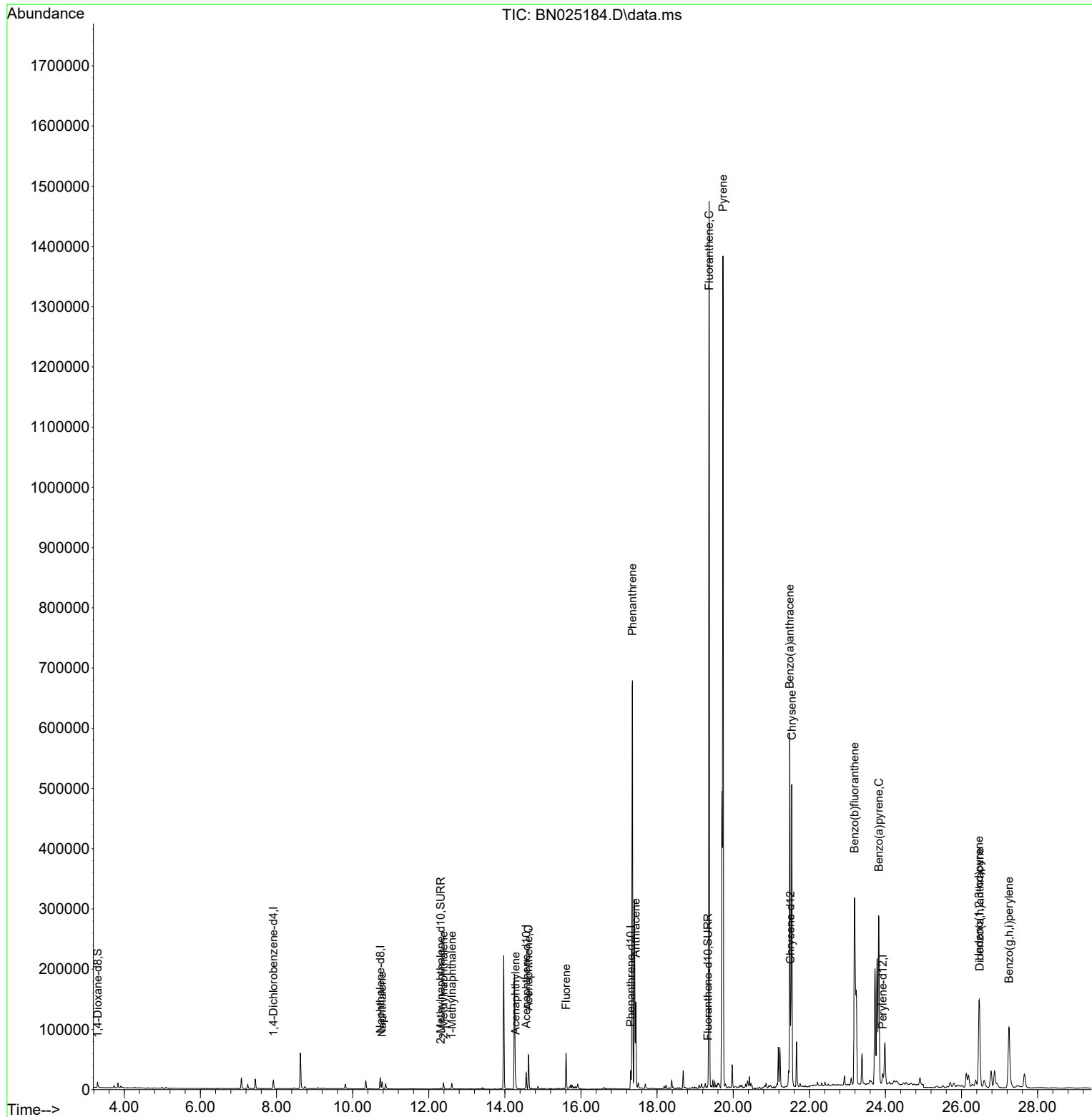
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	24336	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	14642	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	33309	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	26711	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	23705	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5167	0.697	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1676	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4310	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	16554	0.265	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	6736	0.176	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	6183	0.152	ng/ul	99
10) Acenaphthylene	14.283	152	17537	0.322	ng/ul	98
11) Acenaphthene	14.621	153	31825	0.692	ng/ul	99
12) Fluorene	15.611	166	36362	0.707	ng/ul	100
15) Phenanthrene	17.351	178	705130	7.500	ng/ul	99
16) Anthracene	17.440	178	143549	1.866	ng/ul	99
19) Fluoranthene	19.368	202	1217673	12.606	ng/ul	99
20) Pyrene	19.731	202	1089626	10.979	ng/ul	98
21) Benzo(a)anthracene	21.485	228	493526	6.132	ng/ul	99
22) Chrysene	21.538	228	478268	5.447	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	733679	7.629	ng/ul	95
26) Benzo(a)pyrene	23.827	252	375273	4.716	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.460	276	232578	2.537	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.477	278	55998	0.782	ng/ul	97
29) Benzo(g,h,i)perylene	27.249	276	206163	2.645	ng/ul	99

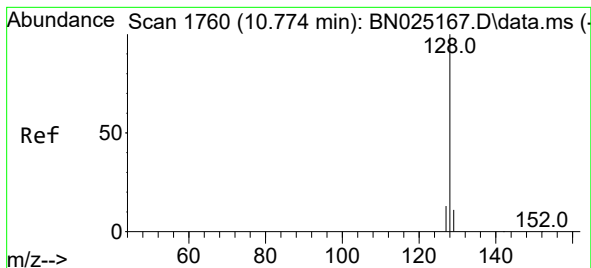
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.265 ng/ul

RT: 10.776 min Scan# 1760

Delta R.T. 0.002 min

Lab File: BN025184.D

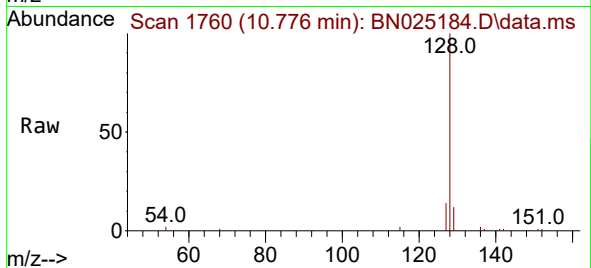
Acq: 27 Apr 2023 18:56

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623



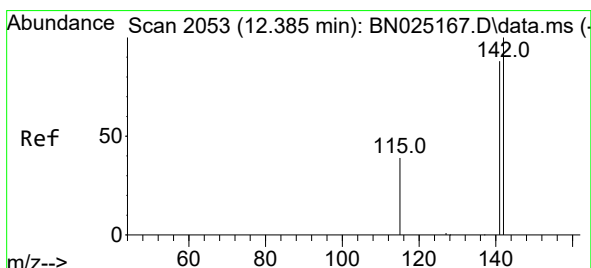
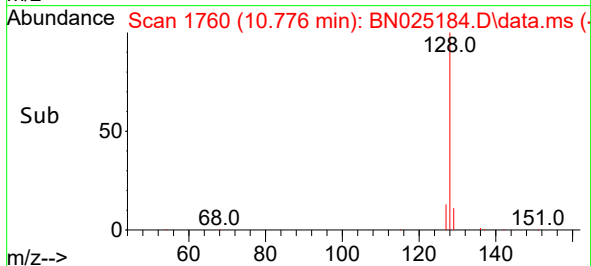
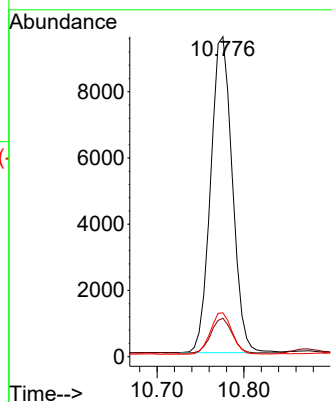
Tgt Ion:128 Resp: 16554

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 13.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.176 ng/ul

RT: 12.387 min Scan# 2053

Delta R.T. 0.002 min

Lab File: BN025184.D

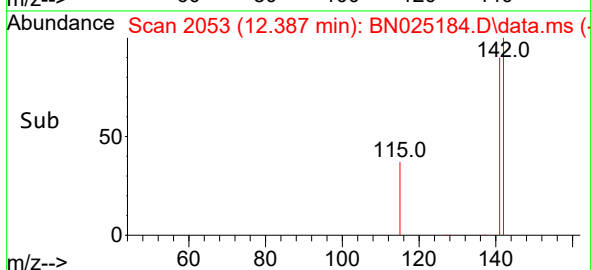
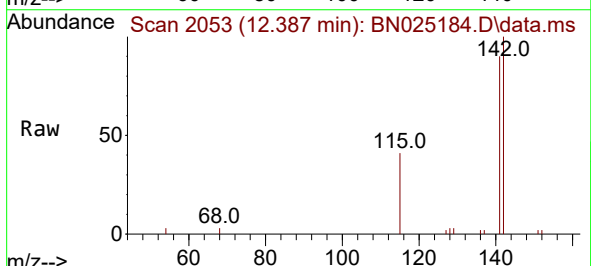
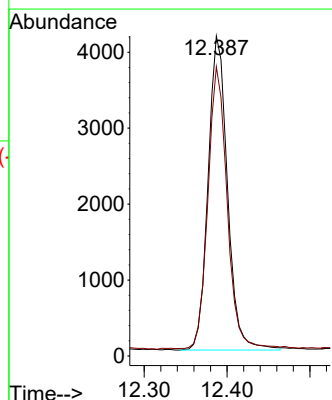
Acq: 27 Apr 2023 18:56

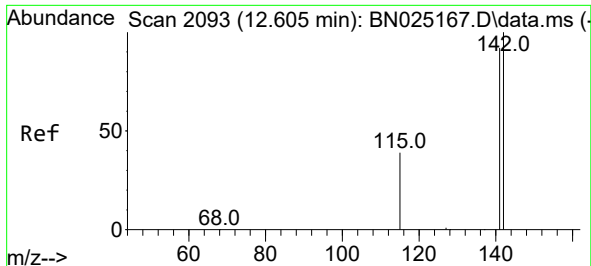
Tgt Ion:142 Resp: 6736

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.0

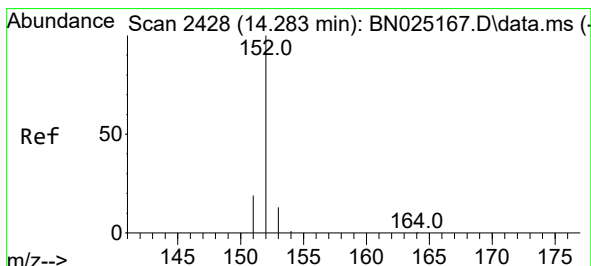
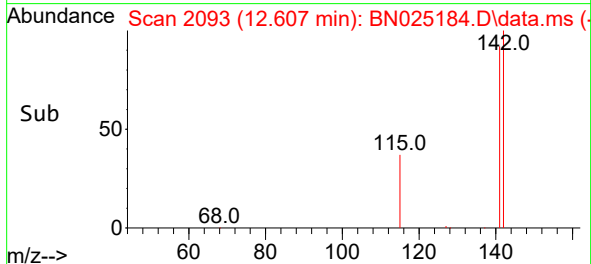
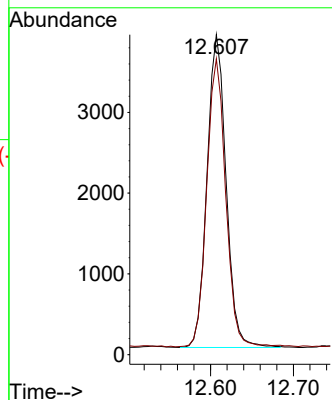
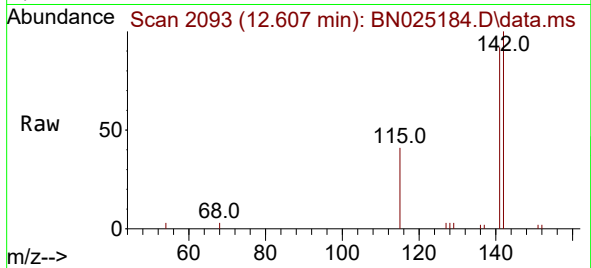




#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

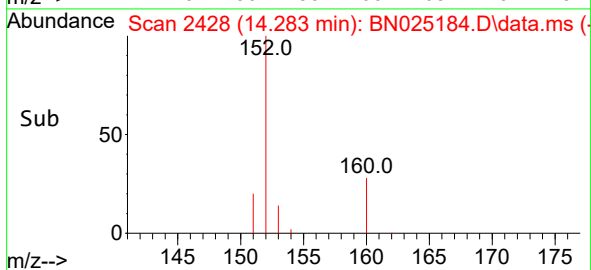
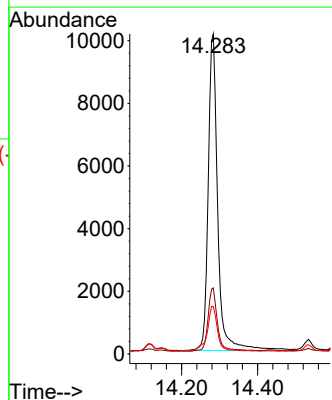
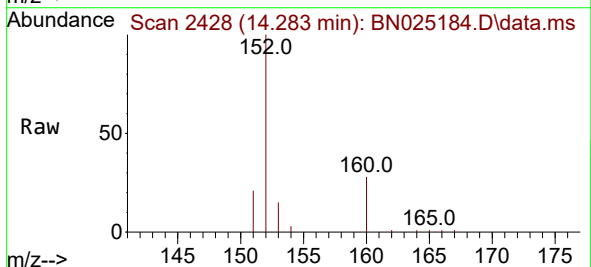
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623

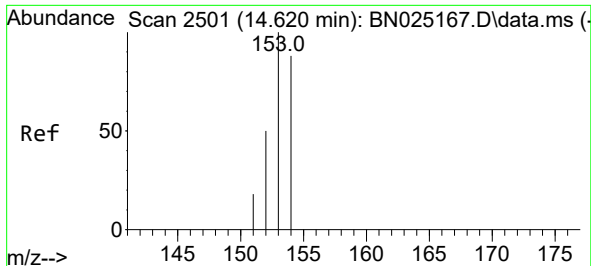
Tgt Ion:142 Resp: 6183
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6



#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

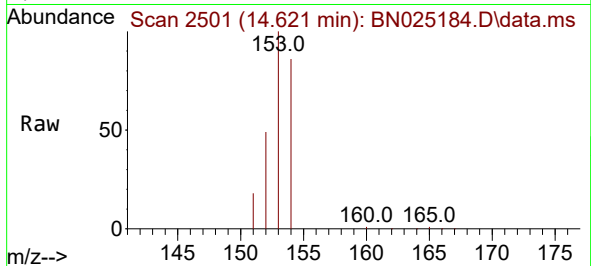
Tgt Ion:152 Resp: 17537
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.8 10.8 16.2



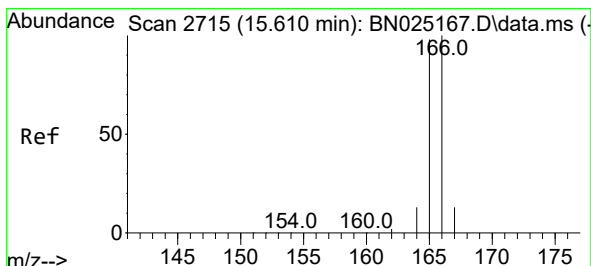
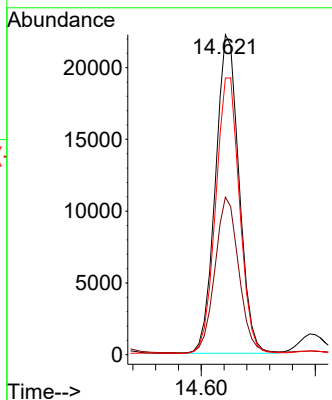
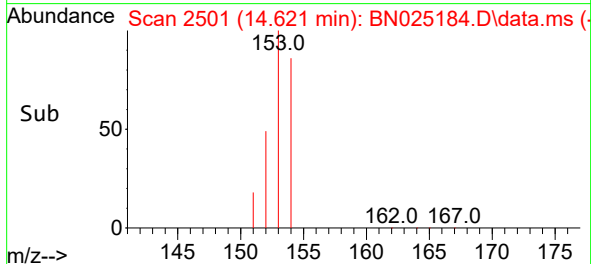


#11
Acenaphthene
Concen: 0.692 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. 0.001 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

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

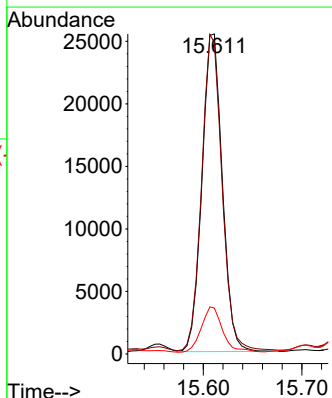
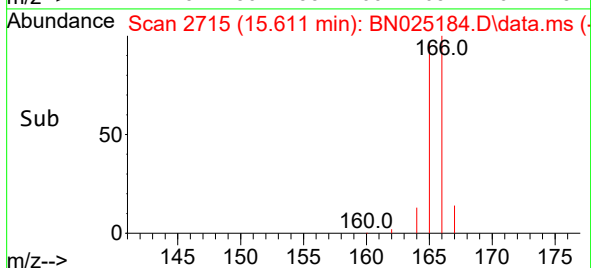
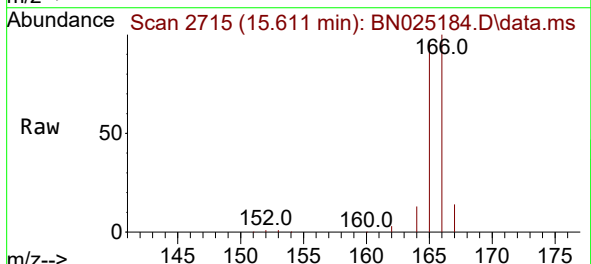


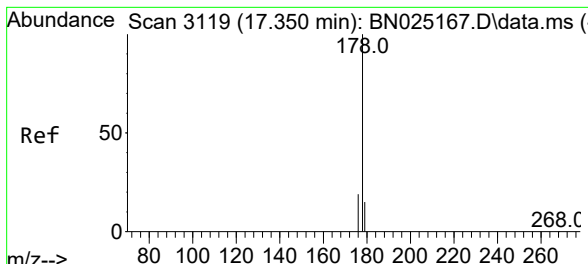
Tgt Ion:153 Resp: 31825
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 86.4 69.4 104.2



#12
Fluorene
Concen: 0.707 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

Tgt Ion:166 Resp: 36362
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 14.3 11.0 16.6



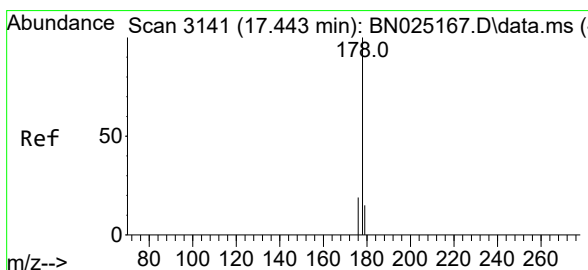
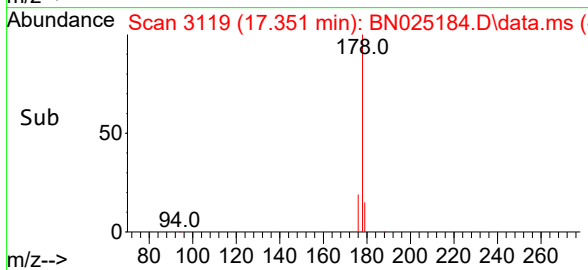
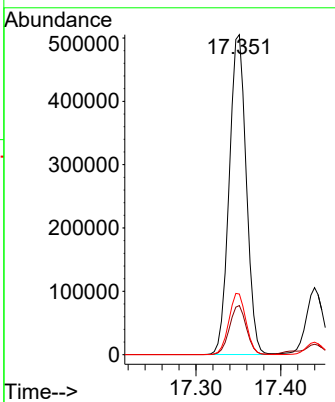
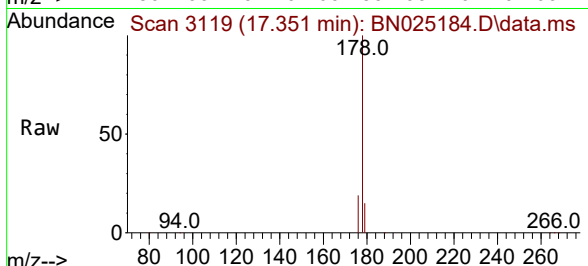


#15
 Phenanthrene
 Concen: 7.500 ng/ul
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025184.D
 Acq: 27 Apr 2023 18:56

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

Tgt Ion:178 Resp: 705130

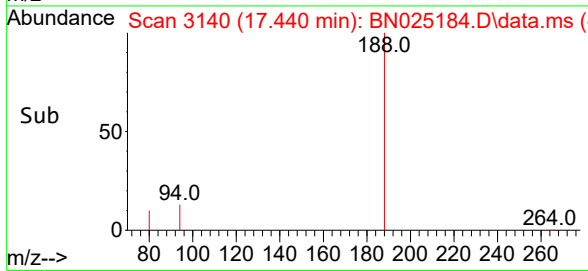
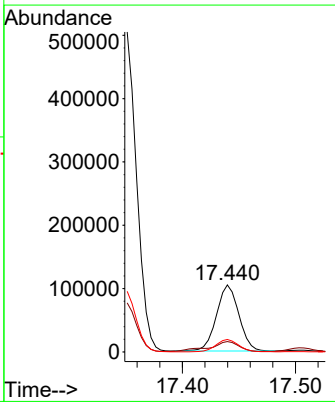
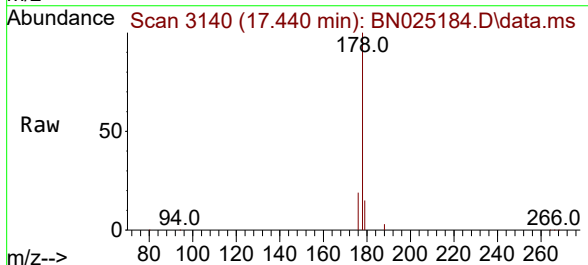
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.6	23.4

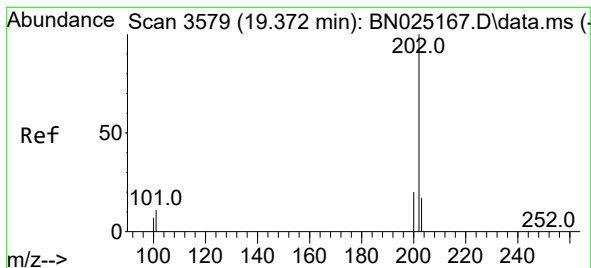


#16
 Anthracene
 Concen: 1.866 ng/ul
 RT: 17.440 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN025184.D
 Acq: 27 Apr 2023 18:56

Tgt Ion:178 Resp: 143549

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	18.6	15.3	22.9





#19

Fluoranthene

Concen: 12.606 ng/ul

RT: 19.368 min Scan# 3578

Delta R.T. -0.003 min

Lab File: BN025184.D

Acq: 27 Apr 2023 18:56

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623

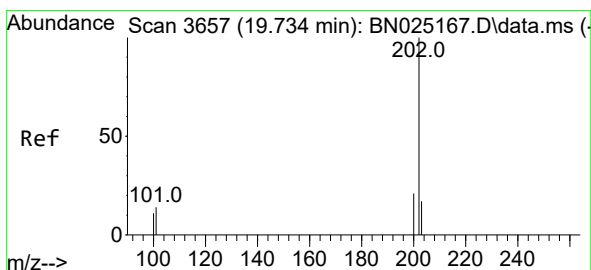
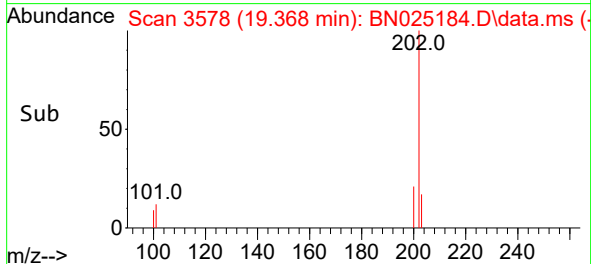
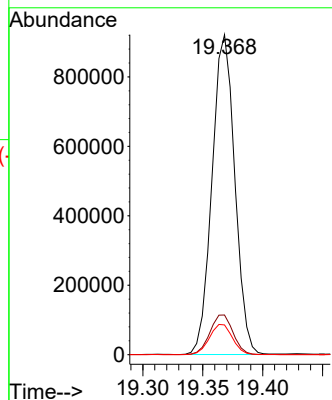
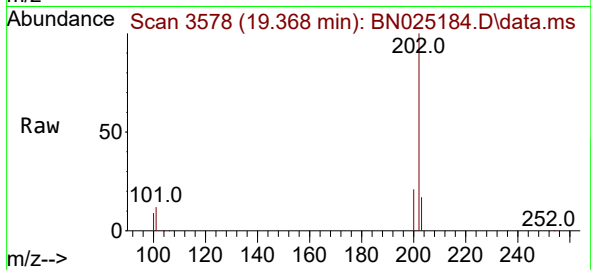
Tgt Ion:202 Resp: 1217673

Ion Ratio Lower Upper

202 100

101 12.4 9.7 14.5

100 9.3 7.3 10.9



#20

Pyrene

Concen: 10.979 ng/ul

RT: 19.731 min Scan# 3656

Delta R.T. -0.003 min

Lab File: BN025184.D

Acq: 27 Apr 2023 18:56

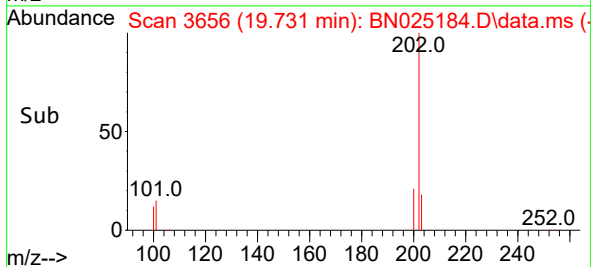
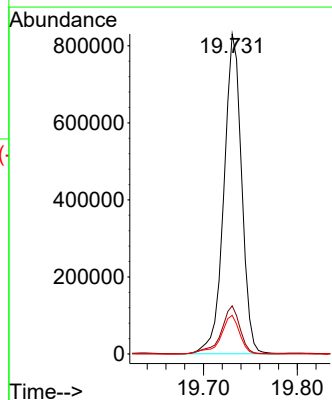
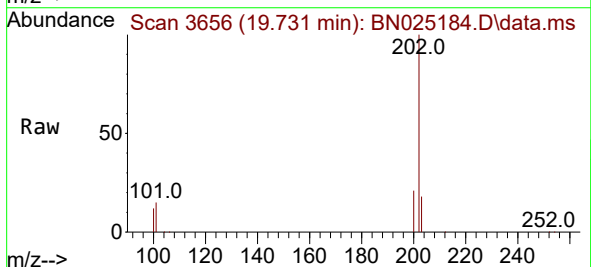
Tgt Ion:202 Resp: 1089626

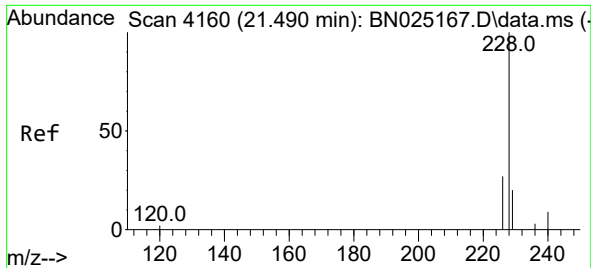
Ion Ratio Lower Upper

202 100

101 15.1 11.3 16.9

100 12.1 9.2 13.8

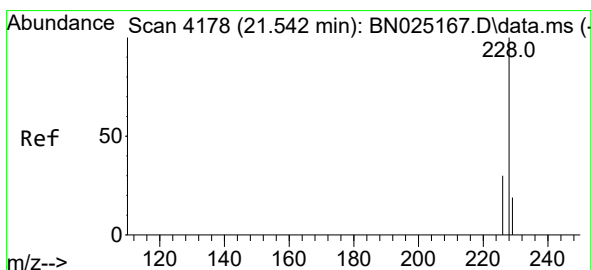
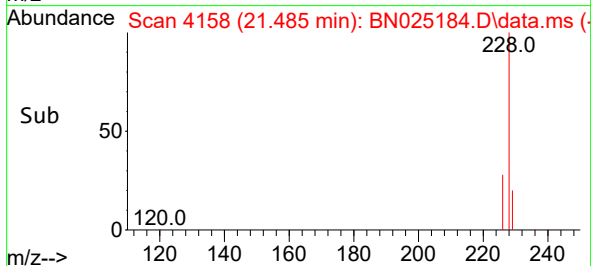
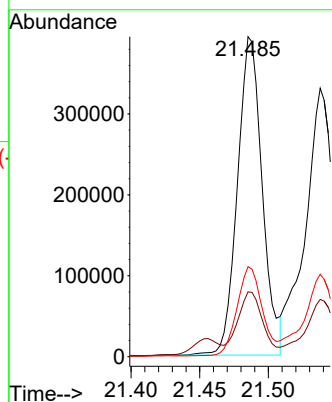
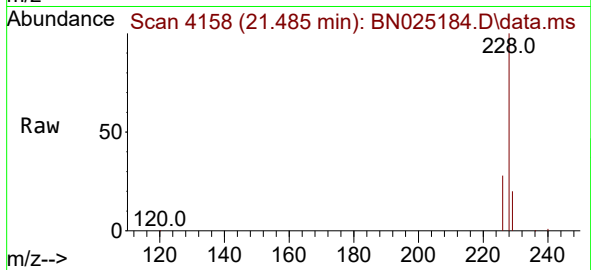




#21
Benzo(a)anthracene
Concen: 6.132 ng/ul
RT: 21.485 min Scan# 4158
Delta R.T. -0.005 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

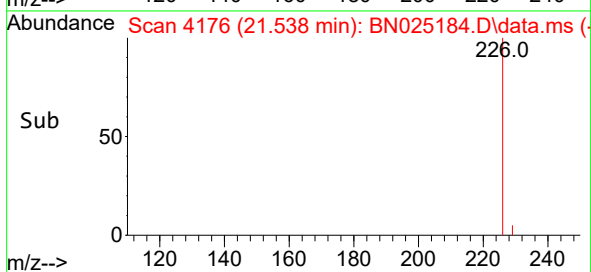
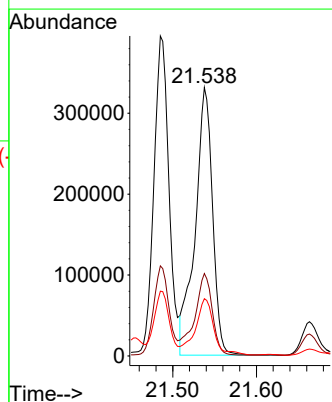
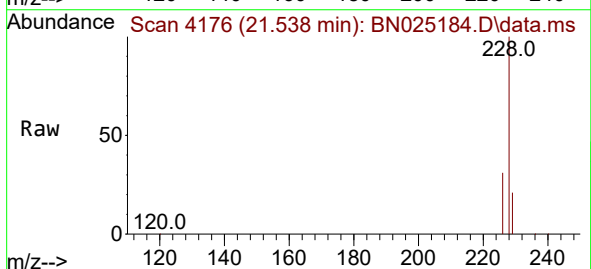
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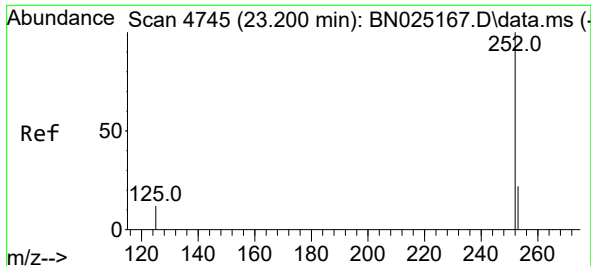
Tgt Ion:228 Resp: 493526
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.1 22.1 33.1



#22
Chrysene
Concen: 5.447 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.005 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

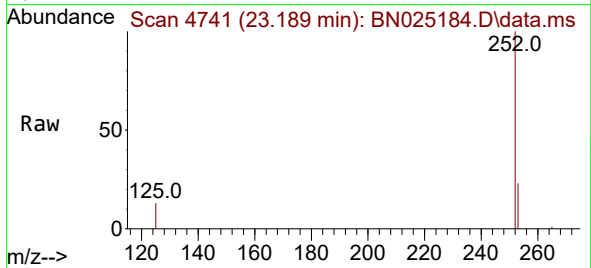
Tgt Ion:228 Resp: 478268
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.4 15.8 23.6



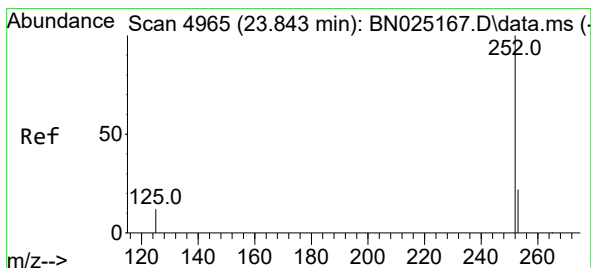
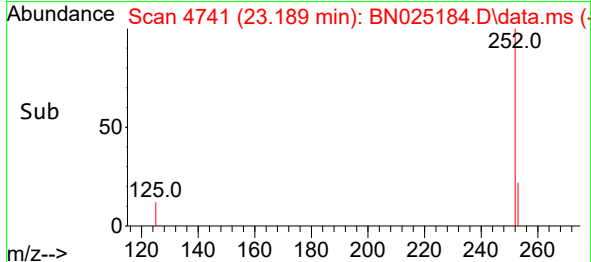
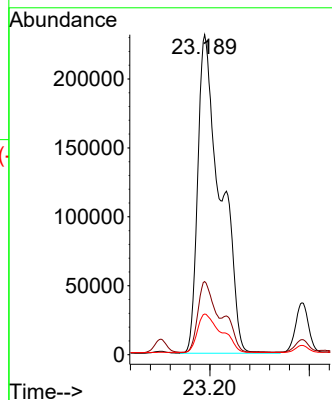


#24
Benzo(b)fluoranthene
Concen: 7.629 ng/ul
RT: 23.189 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

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

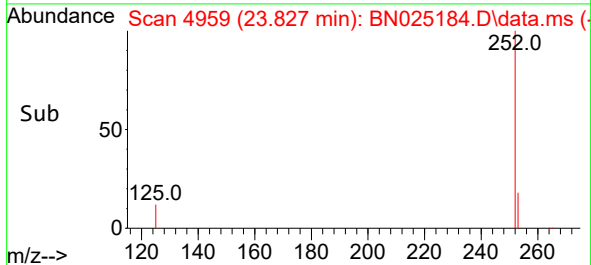
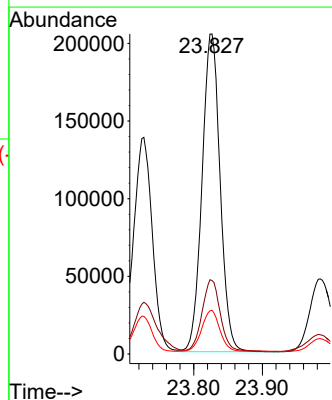
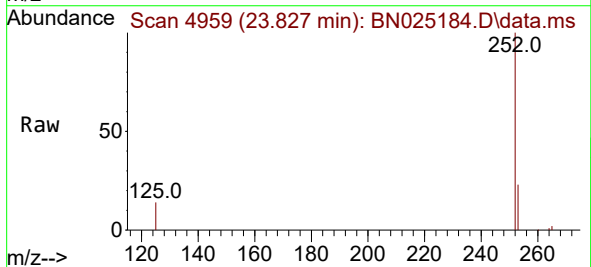


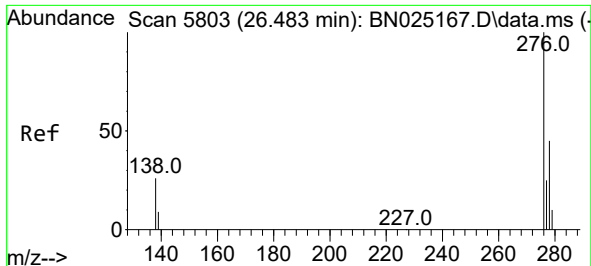
Tgt Ion:252 Resp: 733679
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 12.7 0.0 30.4



#26
Benzo(a)pyrene
Concen: 4.716 ng/ul
RT: 23.827 min Scan# 4959
Delta R.T. -0.016 min
Lab File: BN025184.D
Acq: 27 Apr 2023 18:56

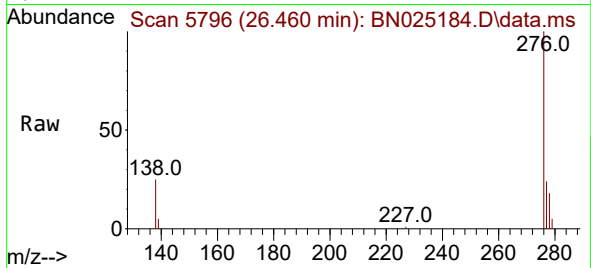
Tgt Ion:252 Resp: 375273
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.6 14.6 22.0#



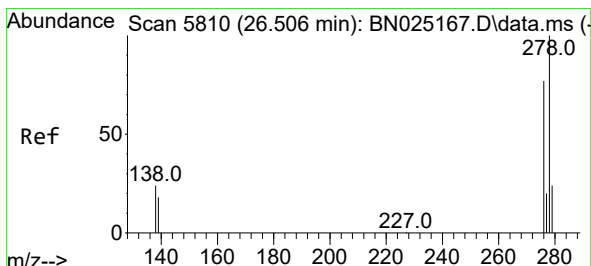
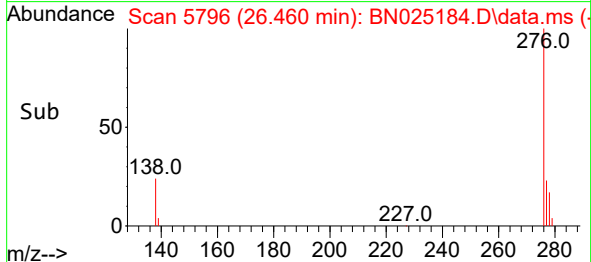
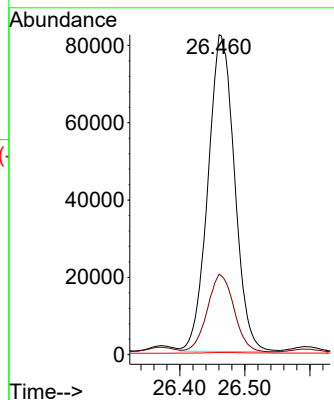


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.537 ng/ul
 RT: 26.460 min Scan# 5796
 Delta R.T. -0.022 min
 Lab File: BN025184.D
 Acq: 27 Apr 2023 18:56

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

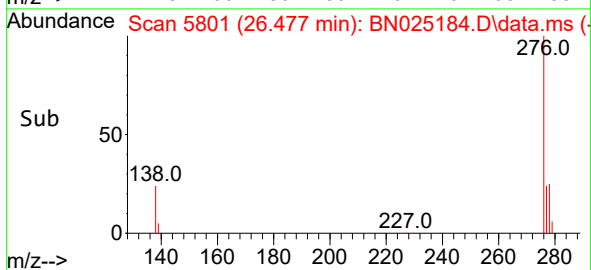
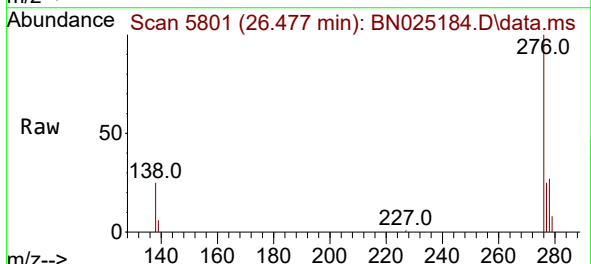
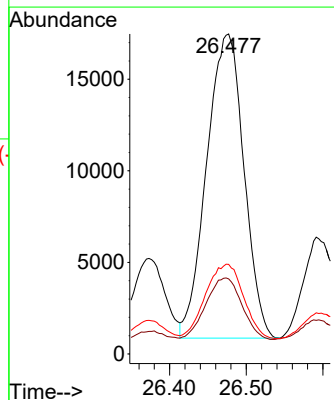


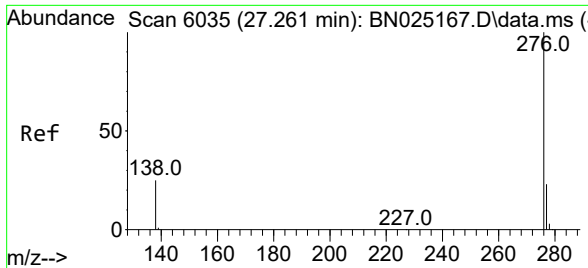
Tgt Ion:276 Resp: 232578
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.9 32.9
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.782 ng/ul
 RT: 26.477 min Scan# 5801
 Delta R.T. -0.029 min
 Lab File: BN025184.D
 Acq: 27 Apr 2023 18:56

Tgt Ion:278 Resp: 55998
 Ion Ratio Lower Upper
 278 100
 139 23.4 17.0 25.6
 279 28.0 21.8 32.8





#29

Benzo(g,h,i)perylene

Concen: 2.645 ng/ul

RT: 27.249 min Scan# 6031

Delta R.T. -0.012 min

Lab File: BN025184.D

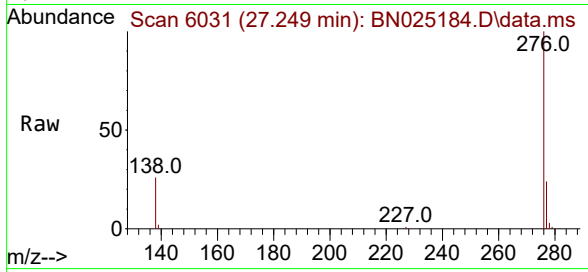
Acq: 27 Apr 2023 18:56

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623



Tgt Ion:276 Resp: 206163

Ion Ratio Lower Upper

276 100

138 25.6 20.3 30.5

277 24.4 19.8 29.6

