

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025183.D
 Acq On : 27 Apr 2023 18:21
 Operator : CG/JU
 Sample : 02418-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152446BL

Quant Time: Apr 28 01:49:41 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)

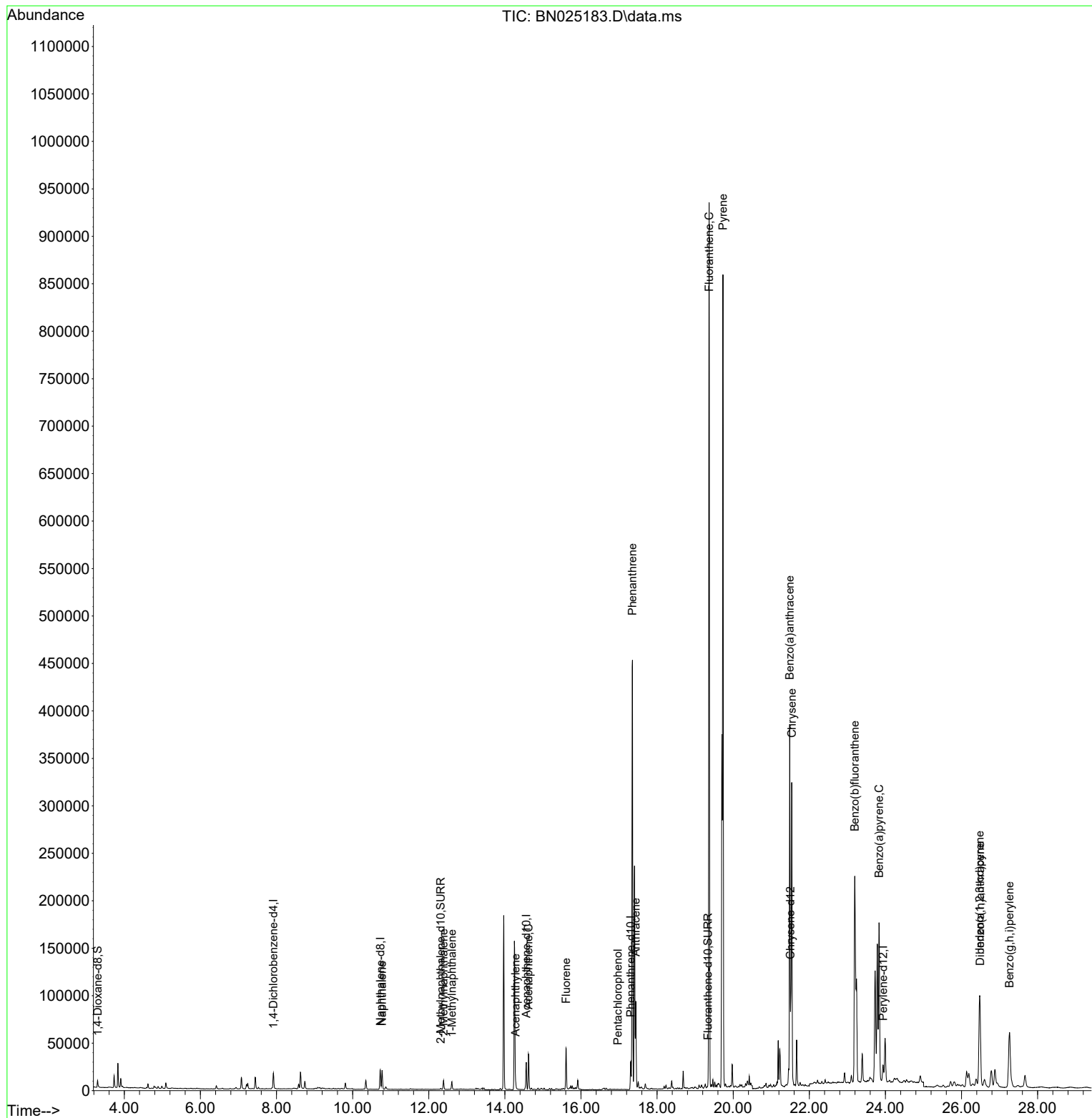
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	26214	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	15549	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	33382	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	26150	0.400	ng/ul	0.00
23) Perylene-d12	23.938	264	22584	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4410	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1435	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	3242	0.047	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.776	128	27215	0.405	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	6734	0.164	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	5585	0.127	ng/ul	100
10) Acenaphthylene	14.283	152	9342	0.161	ng/ul	95
11) Acenaphthene	14.621	153	21533	0.441	ng/ul	99
12) Fluorene	15.606	166	27414	0.502	ng/ul	98
14) Pentachlorophenol	16.967	266	143	0.022	ng/ul#	68
15) Phenanthrene	17.351	178	475570	5.047	ng/ul	99
16) Anthracene	17.440	178	95188	1.235	ng/ul	99
19) Fluoranthene	19.368	202	782913	8.279	ng/ul	100
20) Pyrene	19.731	202	665108	6.846	ng/ul	99
21) Benzo(a)anthracene	21.485	228	313049	3.973	ng/ul	99
22) Chrysene	21.538	228	316326	3.680	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	492299	5.373	ng/ul	95
26) Benzo(a)pyrene	23.832	252	233114	3.075	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.477	276	158344	1.813	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.490	278	39350	0.577	ng/ul#	93
29) Benzo(g,h,i)perylene	27.262	276	128627	1.732	ng/ul	99

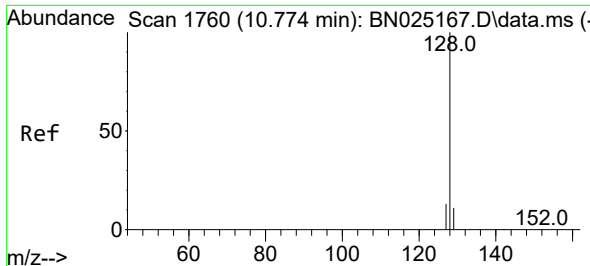
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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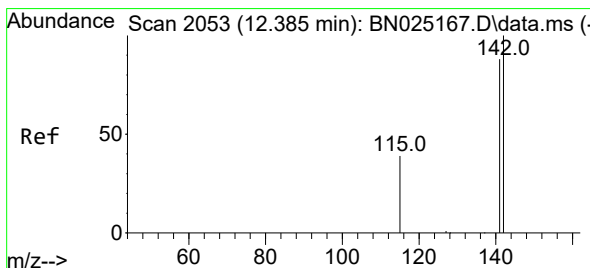
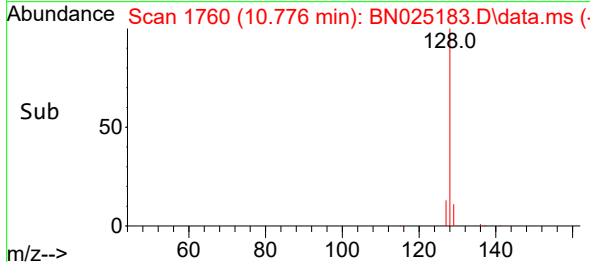
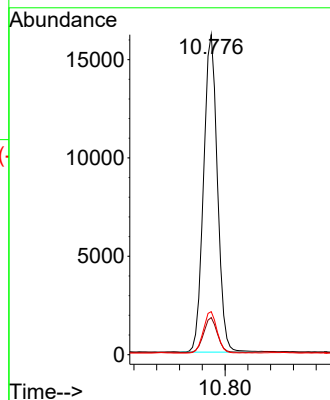
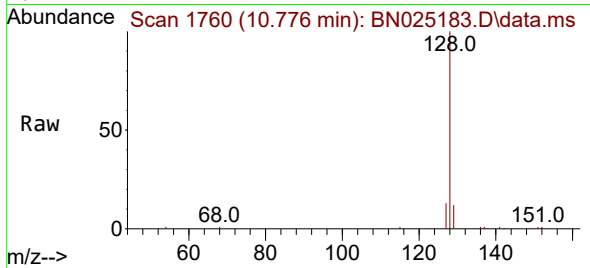




#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

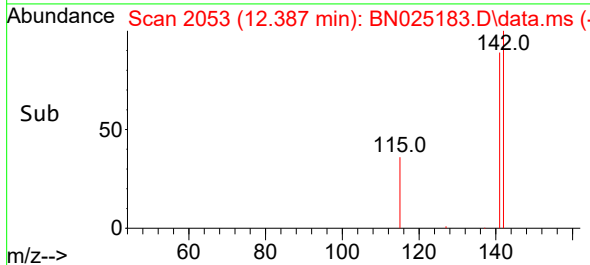
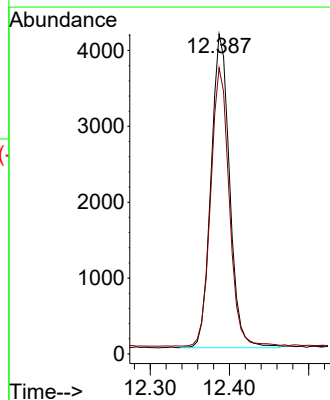
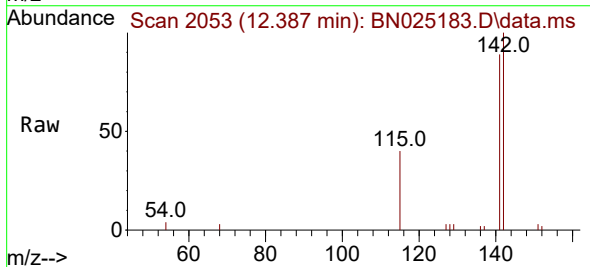
Instrument :
BNA_N
ClientSampleId :
PB152446BL

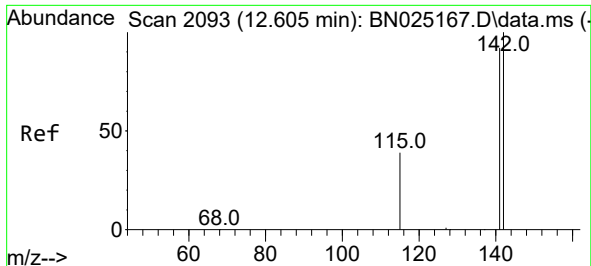
Tgt Ion:128 Resp: 27215
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.164 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Tgt Ion:142 Resp: 6734
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0

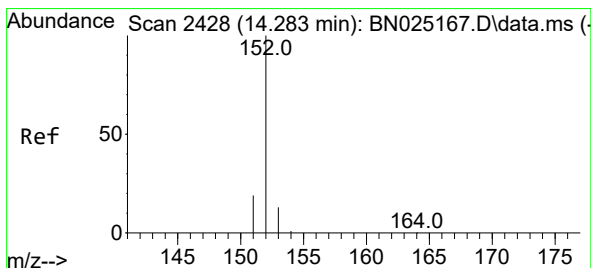
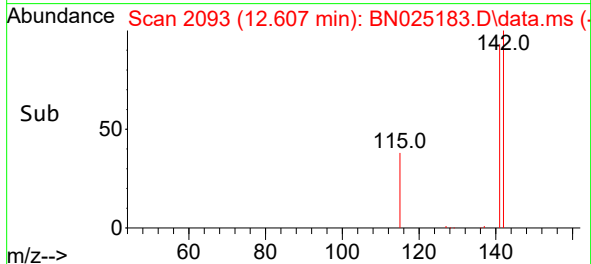
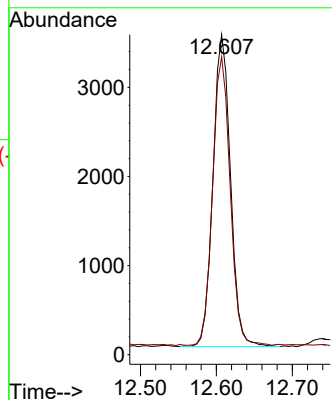
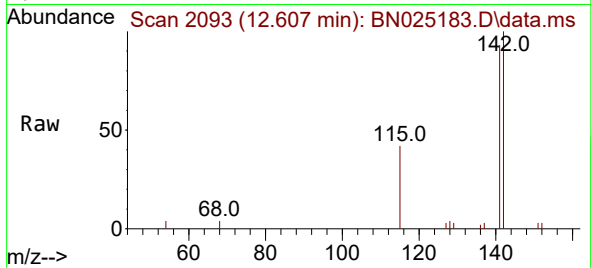




#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

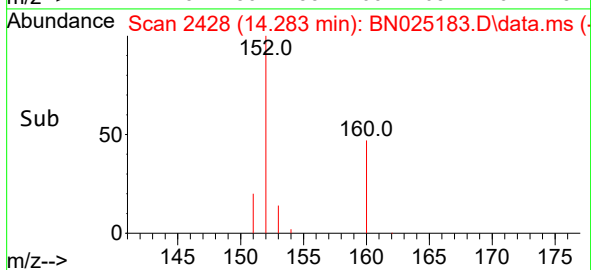
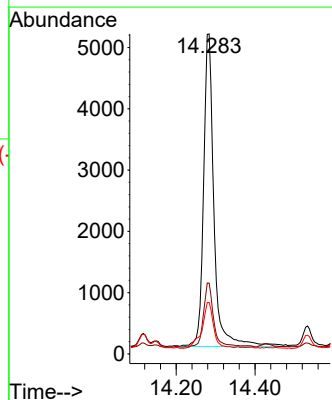
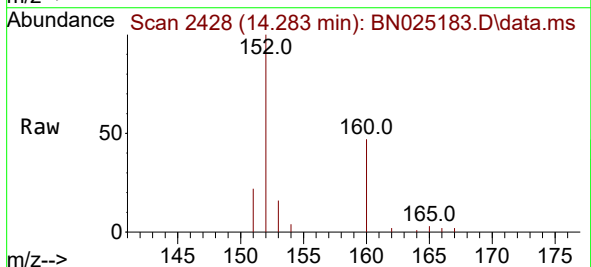
Instrument :
BNA_N
ClientSampleId :
PB152446BL

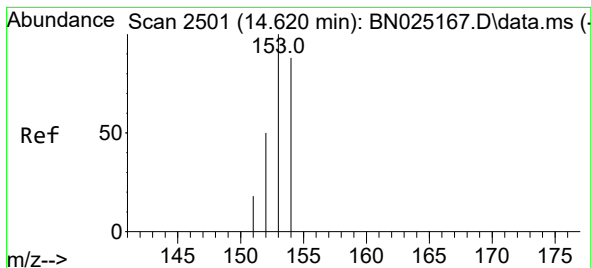
Tgt Ion:142 Resp: 5585
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6



#10
Acenaphthylene
Concen: 0.161 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Tgt Ion:152 Resp: 9342
Ion Ratio Lower Upper
152 100
151 22.1 16.0 24.0
153 16.0 10.8 16.2





#11

Acenaphthene

Concen: 0.441 ng/ul

RT: 14.621 min Scan# 21533

Delta R.T. 0.001 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

Instrument :

BNA_N

ClientSampleId :

PB152446BL

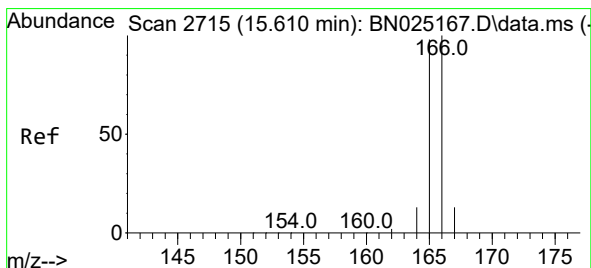
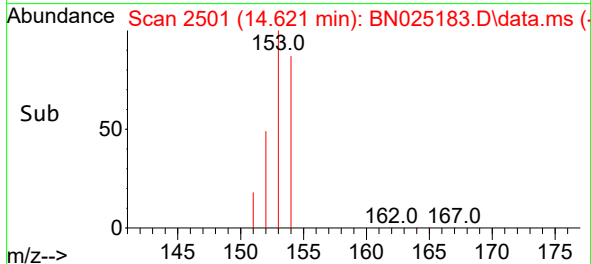
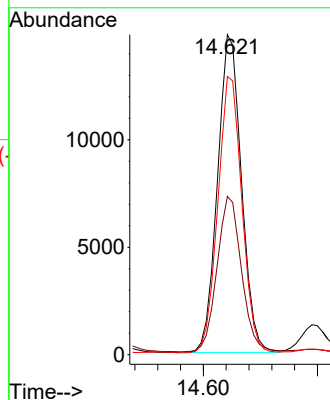
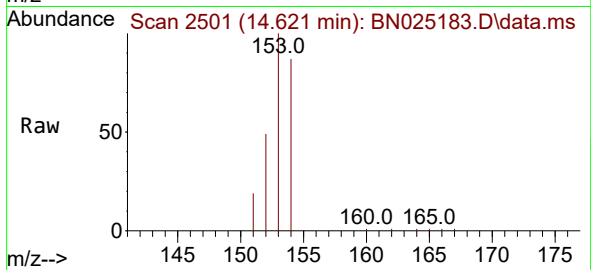
Tgt Ion:153 Resp: 21533

Ion Ratio Lower Upper

153 100

152 49.5 40.2 60.4

154 86.9 69.4 104.2



#12

Fluorene

Concen: 0.502 ng/ul

RT: 15.606 min Scan# 2714

Delta R.T. -0.004 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

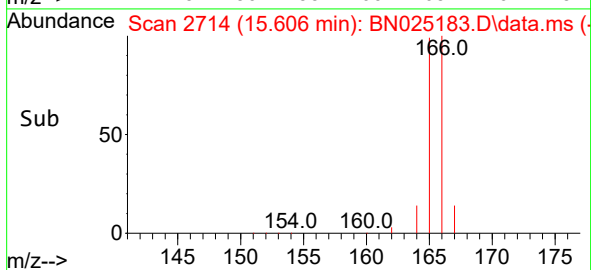
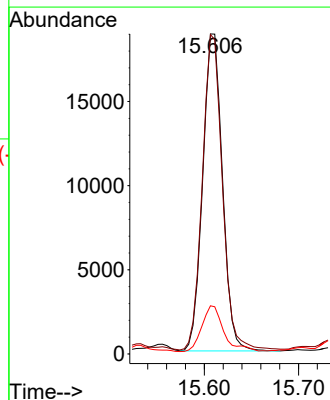
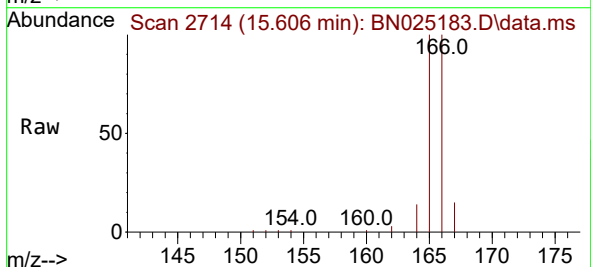
Tgt Ion:166 Resp: 27414

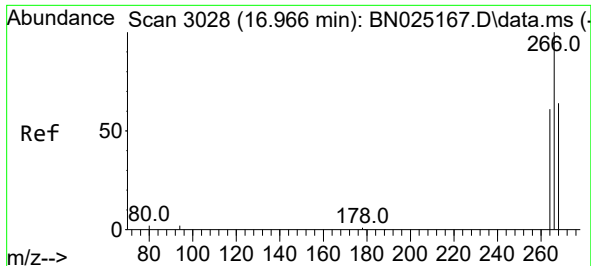
Ion Ratio Lower Upper

166 100

165 99.9 78.1 117.1

167 15.0 11.0 16.6

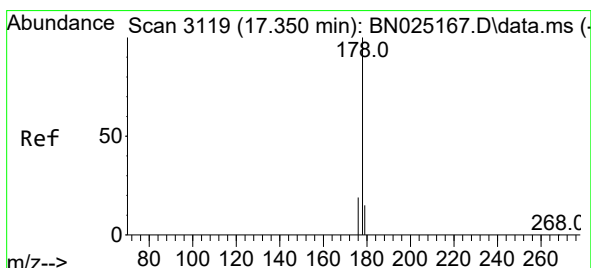
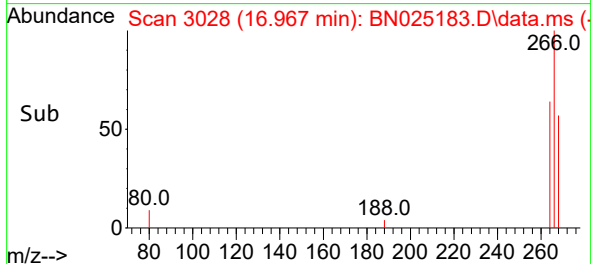
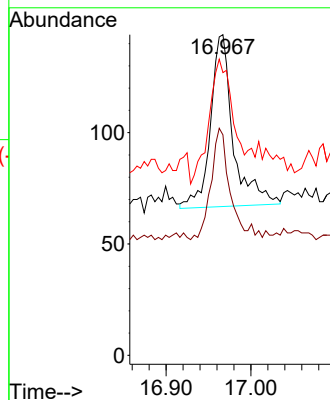
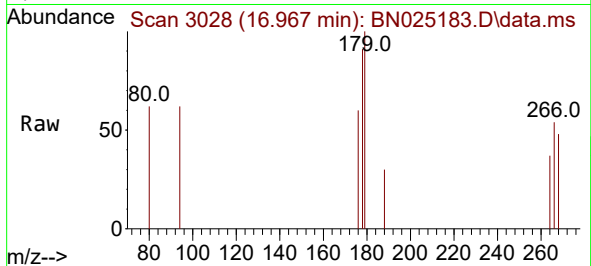




#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

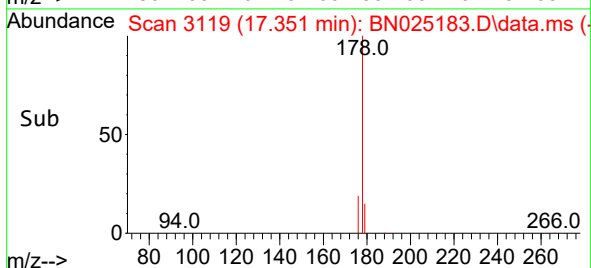
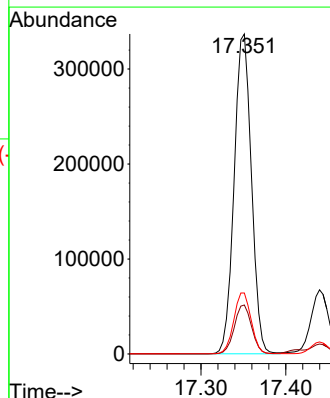
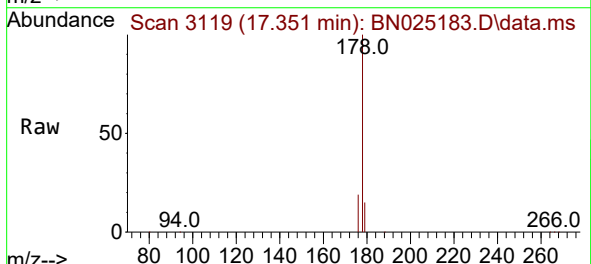
Instrument :
BNA_N
ClientSampleId :
PB152446BL

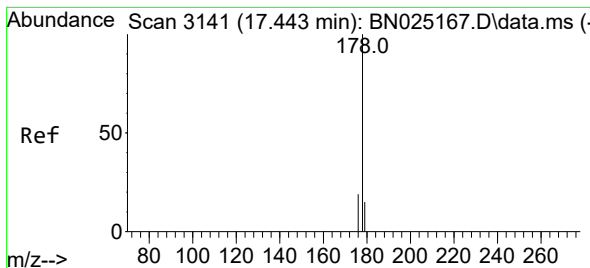
Tgt Ion:266 Resp: 143
Ion Ratio Lower Upper
266 100
264 55.2 49.6 74.4
268 107.0 51.3 76.9#



#15
Phenanthrene
Concen: 5.047 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Tgt Ion:178 Resp: 475570
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.0 15.6 23.4





#16

Anthracene

Concen: 1.235 ng/ul

RT: 17.440 min Scan# 3141

Delta R.T. -0.004 min

Lab File: BN025183.D

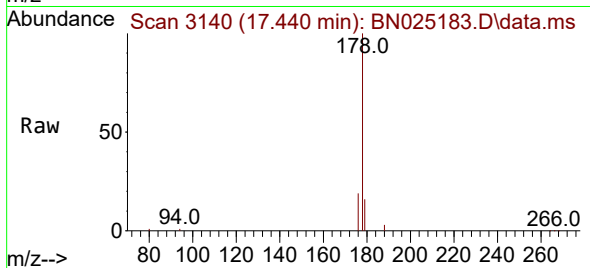
Acq: 27 Apr 2023 18:21

Instrument :

BNA_N

ClientSampleId :

PB152446BL



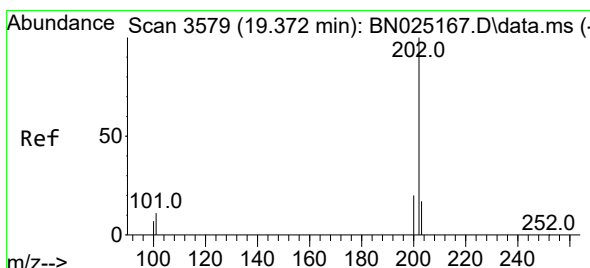
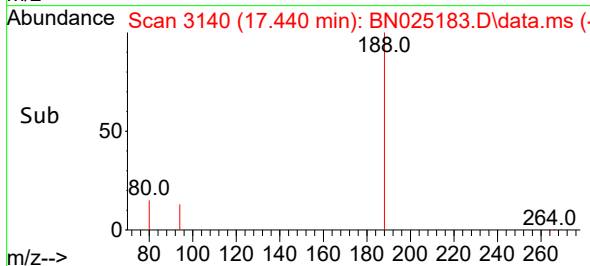
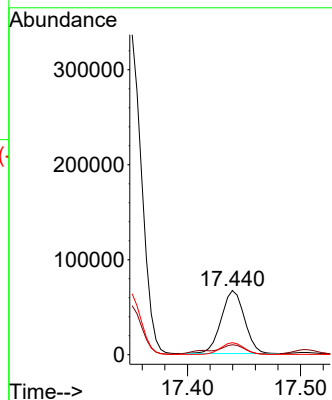
Tgt Ion:178 Resp: 95188

Ion	Ratio	Lower	Upper
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178	100		
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179	15.5	12.7	19.1
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176	18.7	15.3	22.9
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#19

Fluoranthene

Concen: 8.279 ng/ul

RT: 19.368 min Scan# 3578

Delta R.T. -0.003 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

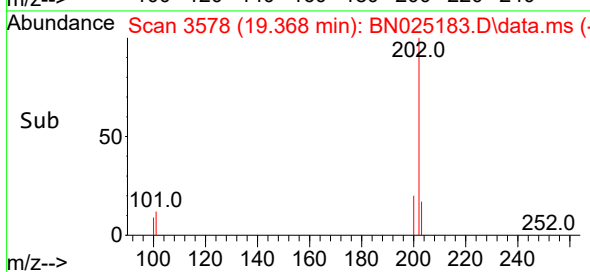
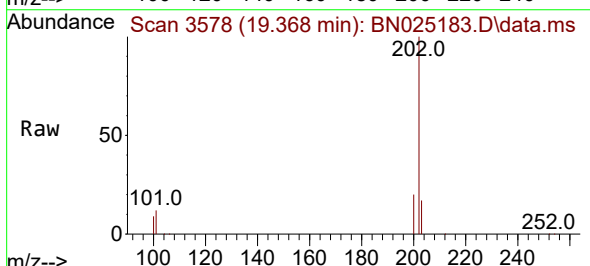
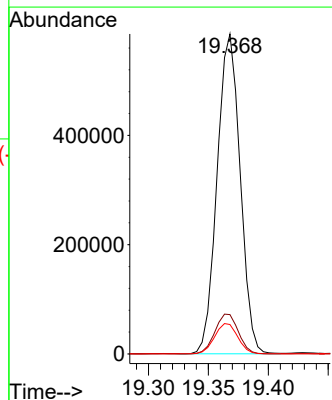
Tgt Ion:202 Resp: 782913

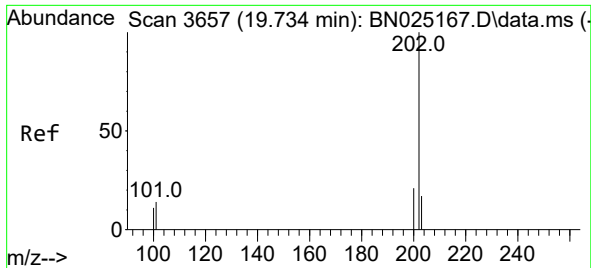
Ion	Ratio	Lower	Upper
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202	100		
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101	12.3	9.7	14.5
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100	9.2	7.3	10.9
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#20

Pyrene

Concen: 6.846 ng/ul

RT: 19.731 min Scan# 3657

Delta R.T. -0.003 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

Instrument :

BNA_N

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PB152446BL

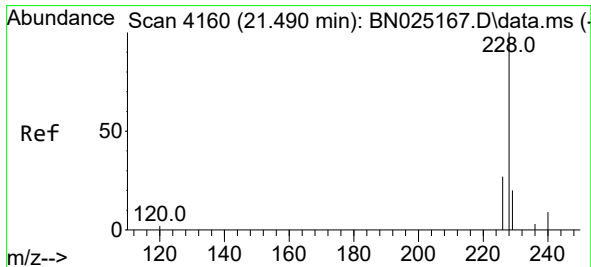
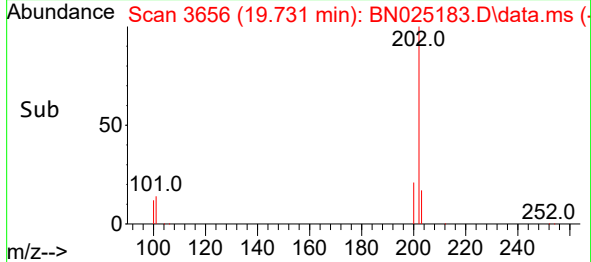
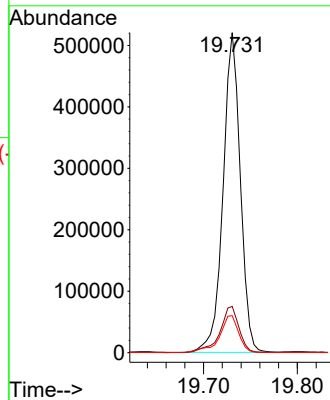
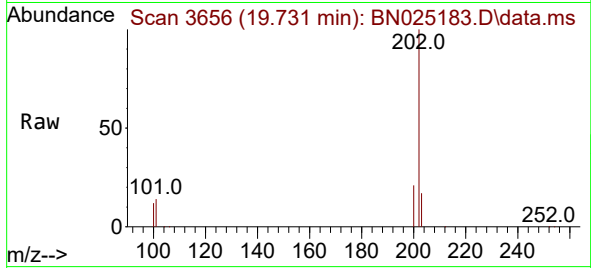
Tgt Ion:202 Resp: 665108

Ion Ratio Lower Upper

202 100

101 14.5 11.3 16.9

100 11.5 9.2 13.8



#21

Benzo(a)anthracene

Concen: 3.973 ng/ul

RT: 21.485 min Scan# 4158

Delta R.T. -0.005 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

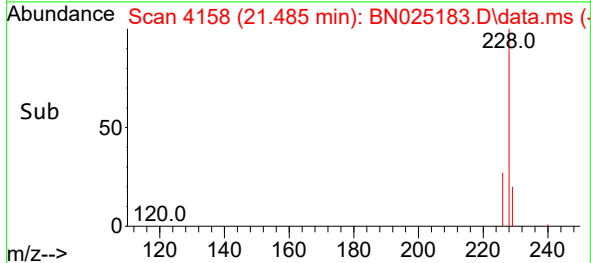
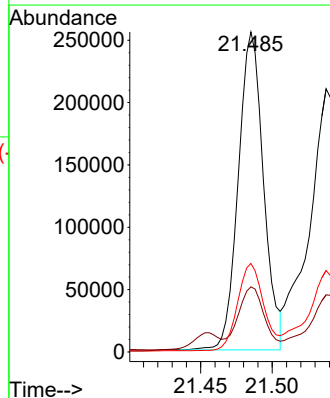
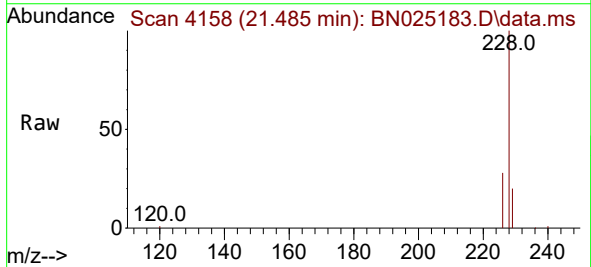
Tgt Ion:228 Resp: 313049

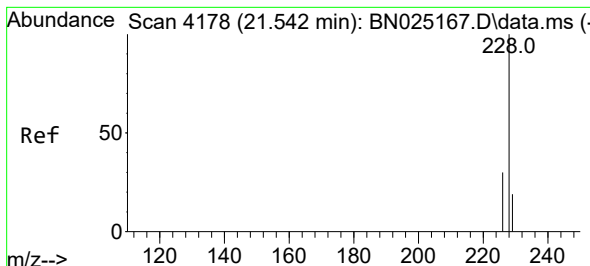
Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

226 27.6 22.1 33.1





#22

Chrysene

Concen: 3.680 ng/ul

RT: 21.538 min Scan# 4178

Delta R.T. -0.005 min

Lab File: BN025183.D

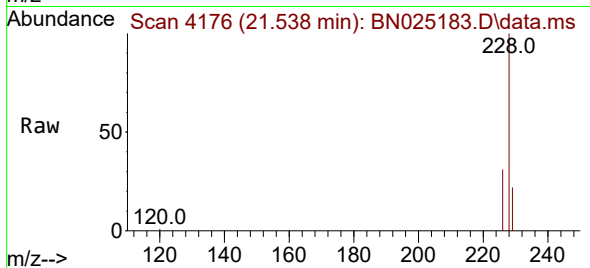
Acq: 27 Apr 2023 18:21

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BNA_N

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PB152446BL



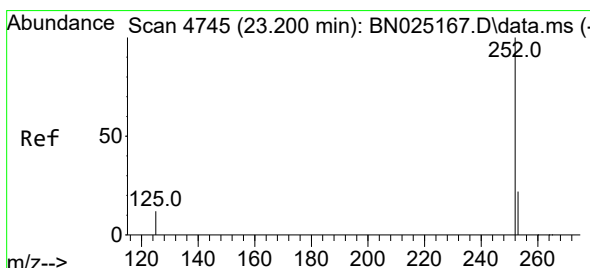
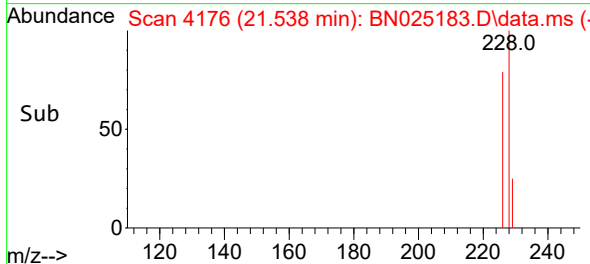
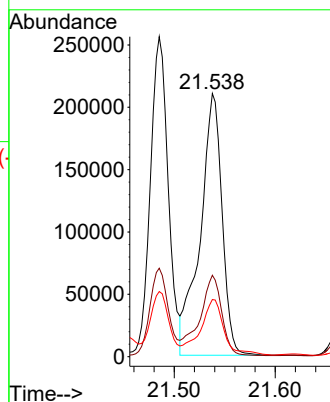
Tgt Ion:228 Resp: 316326

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

229 21.7 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 5.373 ng/ul

RT: 23.195 min Scan# 4743

Delta R.T. -0.005 min

Lab File: BN025183.D

Acq: 27 Apr 2023 18:21

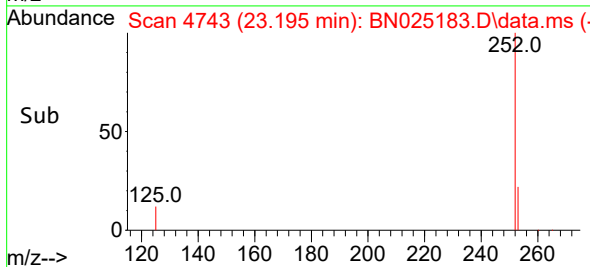
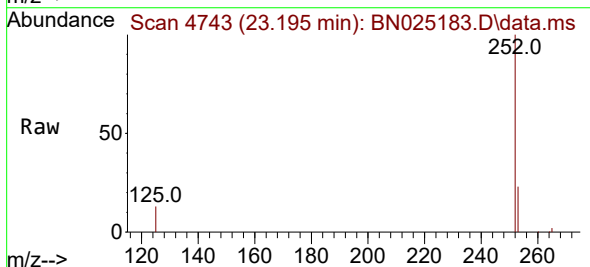
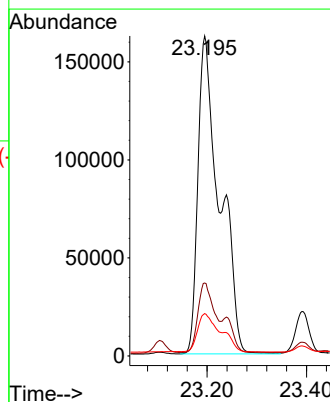
Tgt Ion:252 Resp: 492299

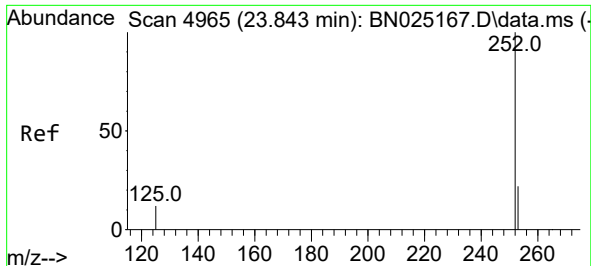
Ion Ratio Lower Upper

252 100

253 22.8 0.0 50.2

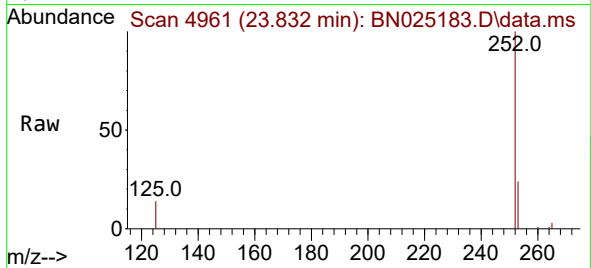
125 13.3 0.0 30.4



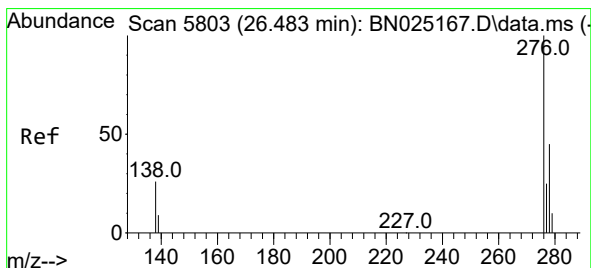
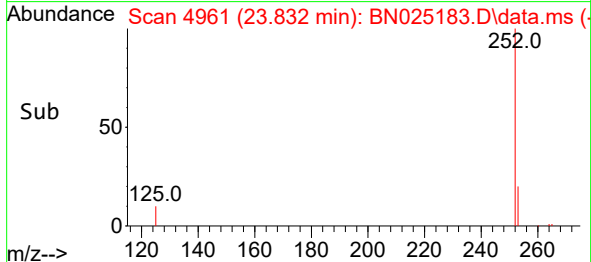
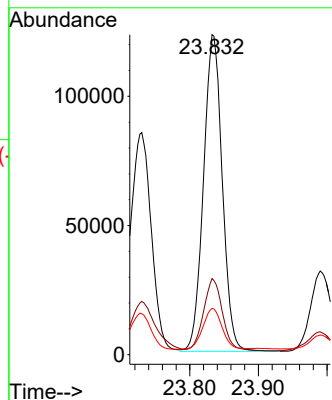


#26
Benzo(a)pyrene
Concen: 3.075 ng/ul
RT: 23.832 min Scan# 4965
Delta R.T. -0.011 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Instrument :
BNA_N
ClientSampleId :
PB152446BL

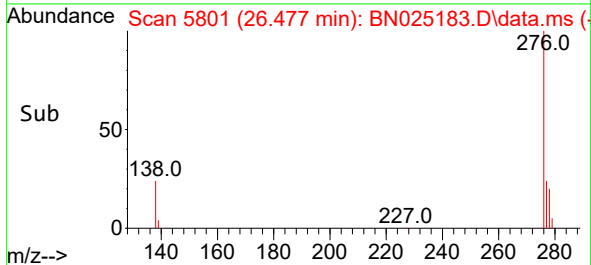
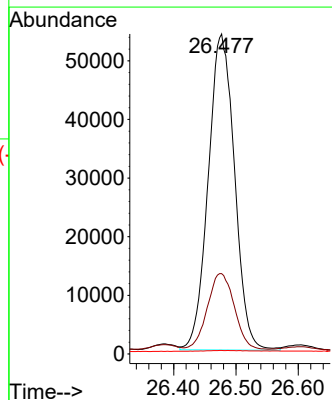
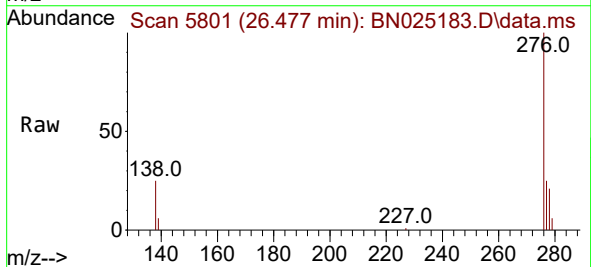


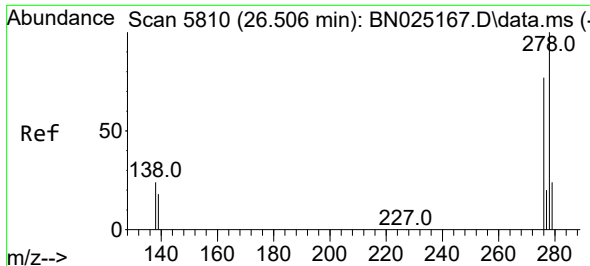
Tgt Ion:252 Resp: 233114
Ion Ratio Lower Upper
252 100
253 23.8 21.4 32.2
125 14.5 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.813 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. -0.006 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Tgt Ion:276 Resp: 158344
Ion Ratio Lower Upper
276 100
138 24.7 21.9 32.9
227 0.5 0.1 0.1#

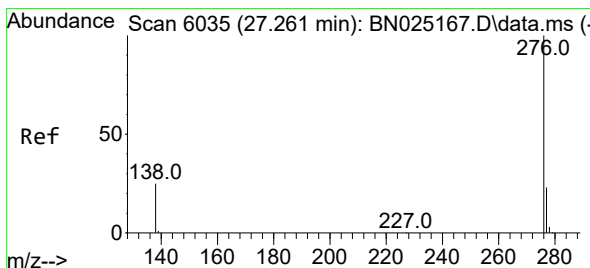
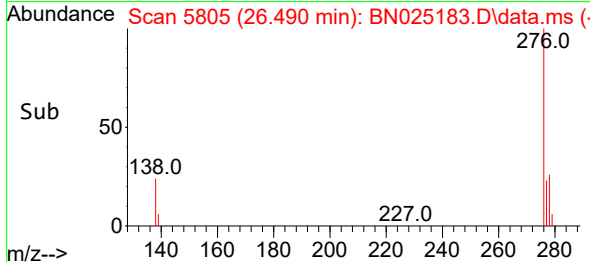
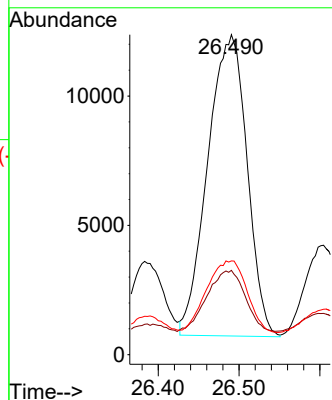
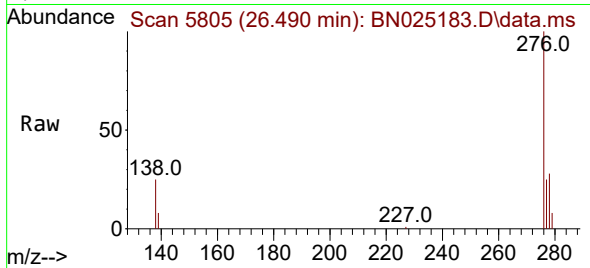




#28
Dibenzo(a,h)anthracene
Concen: 0.577 ng/ul
RT: 26.490 min Scan# 5810
Delta R.T. -0.016 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Instrument :
BNA_N
ClientSampleId :
PB152446BL

Tgt Ion:278 Resp: 39350
Ion Ratio Lower Upper
278 100
139 26.4 17.0 25.6#
279 29.3 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 1.732 ng/ul
RT: 27.262 min Scan# 6035
Delta R.T. 0.001 min
Lab File: BN025183.D
Acq: 27 Apr 2023 18:21

Tgt Ion:276 Resp: 128627
Ion Ratio Lower Upper
276 100
138 26.3 20.3 30.5
277 24.3 19.8 29.6

