

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025173.D
 Acq On : 27 Apr 2023 12:24
 Operator : CG/JU
 Sample : 02418-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y7

Quant Time: Apr 28 01:20:14 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

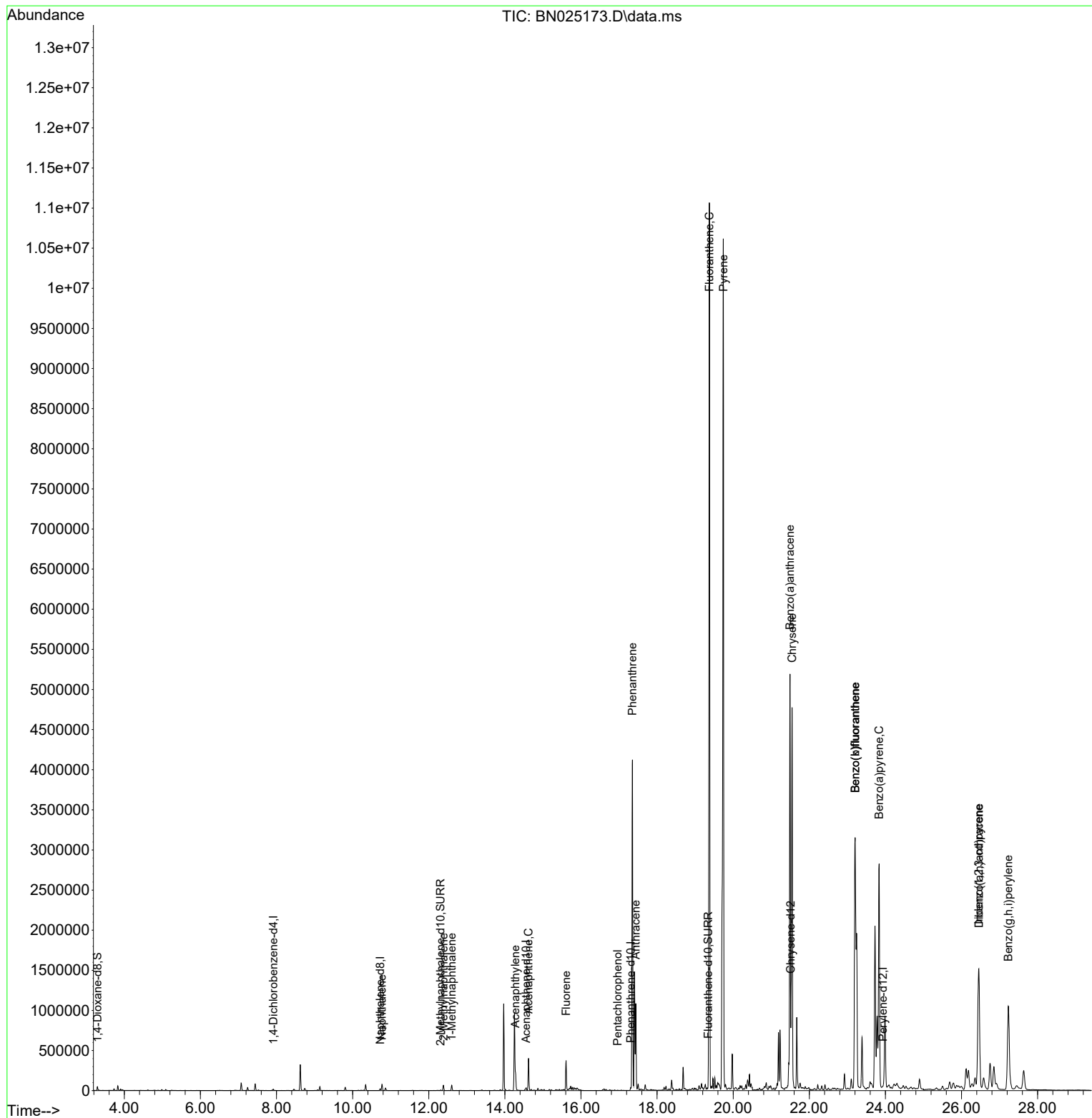
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28359	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	18248	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	39047	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	30722	0.400	ng/ul	# 0.00
23) Perylene-d12	23.935	264	33202	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26611	3.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	8083	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	19828	0.245	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	104345	1.436	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	46701	1.049	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	44996	0.949	ng/ul	100
10) Acenaphthylene	14.280	152	256331	3.771	ng/ul	99
11) Acenaphthene	14.622	153	222910	3.890	ng/ul	98
12) Fluorene	15.607	166	224295	3.501	ng/ul	99
14) Pentachlorophenol	16.959	266	381	0.050	ng/ul	95
15) Phenanthrene	17.352	178	4536881	41.164	ng/ul	100
16) Anthracene	17.441	178	1110602	12.318	ng/ul	99
19) Fluoranthene	19.374	202	9814017	88.338	ng/ul#	92
20) Pyrene	19.741	202	9282351	81.320	ng/ul	95
21) Benzo(a)anthracene	21.492	228	4806652	51.921	ng/ul	96
22) Chrysene	21.547	228	4989857	49.410	ng/ul	96
24) Benzo(b)fluoranthene	23.205	252	8007676	59.446	ng/ul	95
25) Benzo(k)fluoranthene	23.205	252	6337392	48.911	ng/ul	95
26) Benzo(a)pyrene	23.833	252	4161565	37.339	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.454	276	2724205	21.214	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.458	278	640325	6.384	ng/ul	98
29) Benzo(g,h,i)perylene	27.229	276	2300534	21.069	ng/ul	99

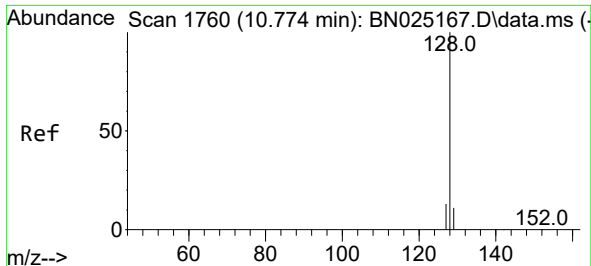
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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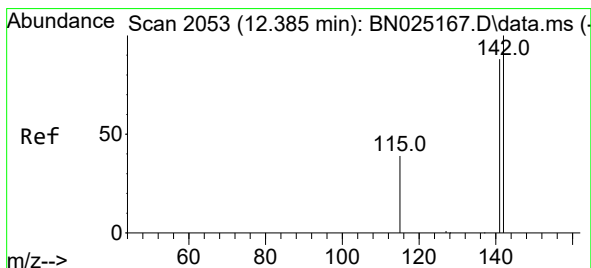
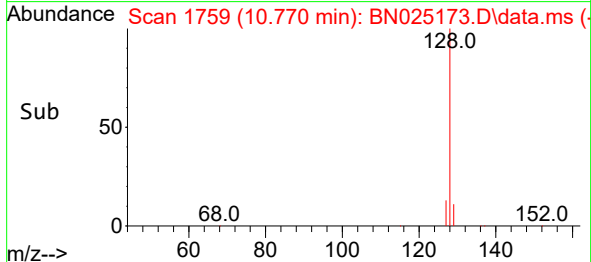
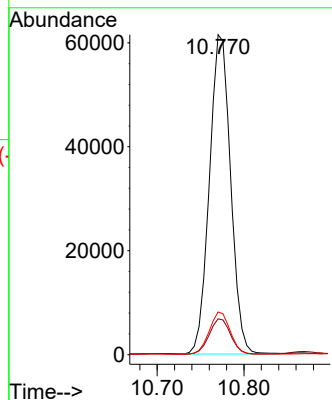
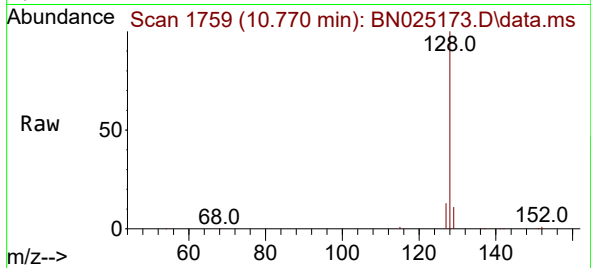




#5
Naphthalene
Concen: 1.436 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

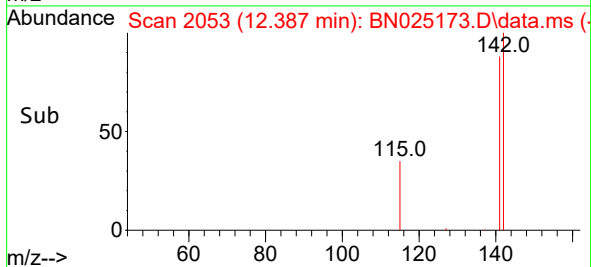
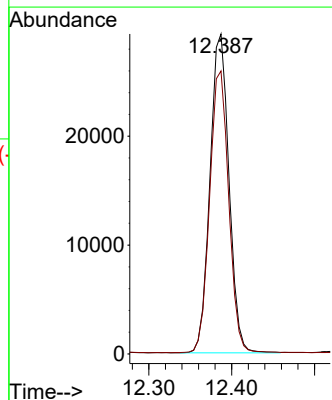
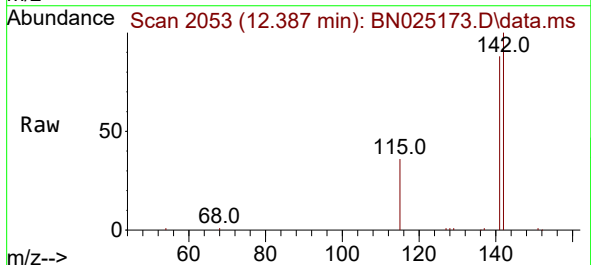
Instrument :
BNA_N
ClientSampleId :
EW8Y7

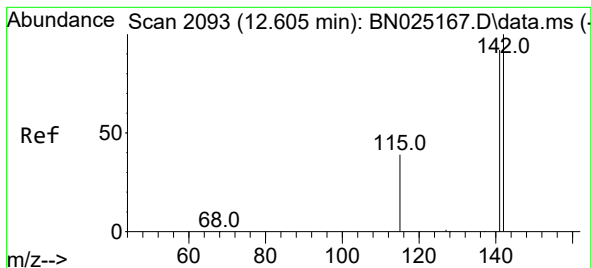
Tgt Ion:128 Resp: 104345
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.7 16.1



#7
2-Methylnaphthalene
Concen: 1.049 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

Tgt Ion:142 Resp: 46701
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.949 ng/ul

RT: 12.601 min Scan# 2092

Delta R.T. -0.004 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

Instrument :

BNA_N

ClientSampleId :

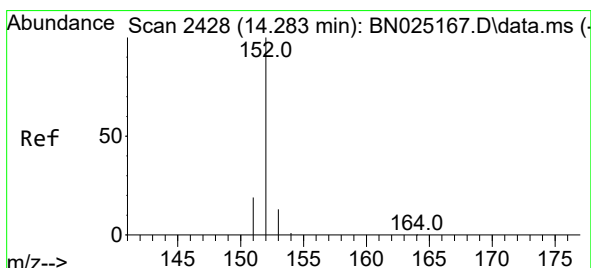
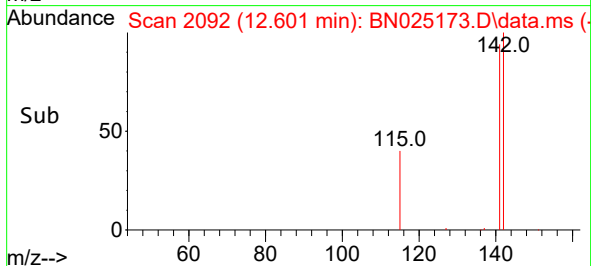
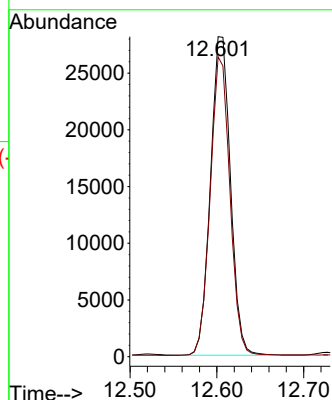
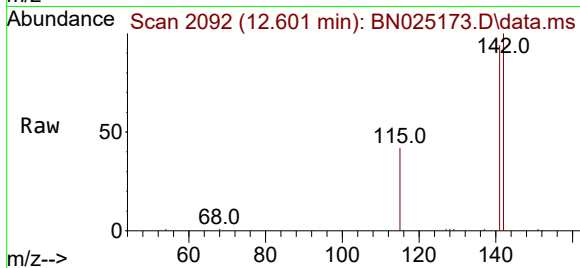
EW8Y7

Tgt Ion:142 Resp: 44996

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6



#10

Acenaphthylene

Concen: 3.771 ng/ul

RT: 14.280 min Scan# 2427

Delta R.T. -0.003 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

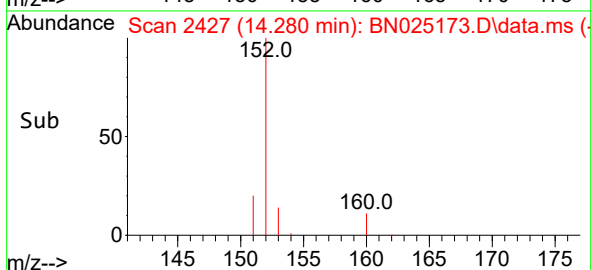
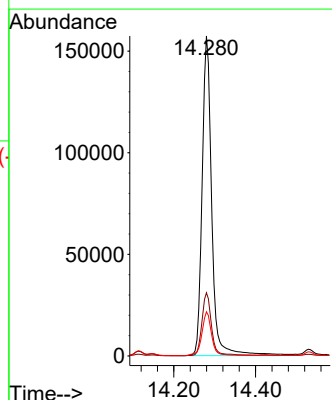
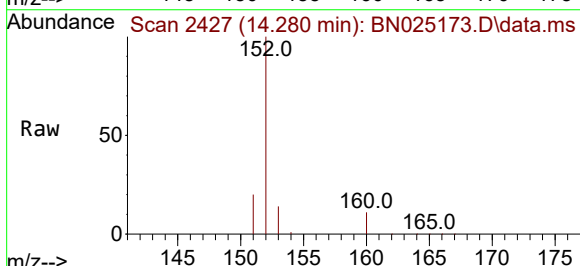
Tgt Ion:152 Resp: 256331

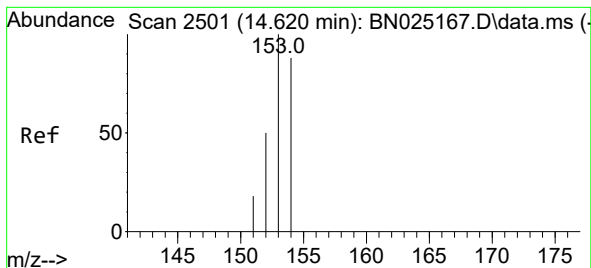
Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.8 10.8 16.2





#11

Acenaphthene

Concen: 3.890 ng/ul

RT: 14.622 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

Instrument :

BNA_N

ClientSampleId :

EW8Y7

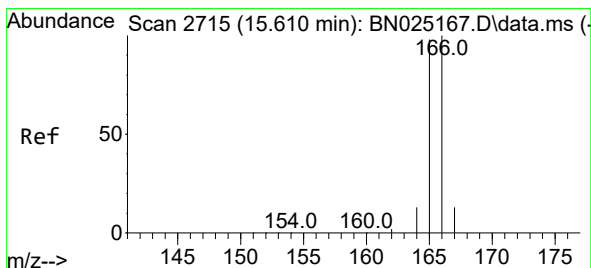
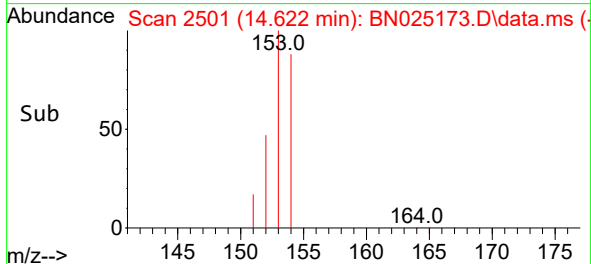
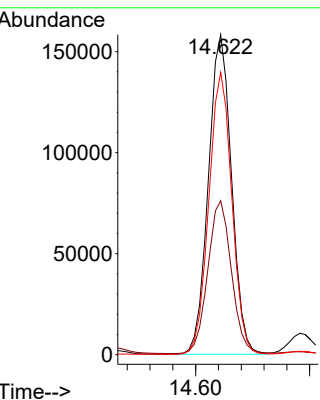
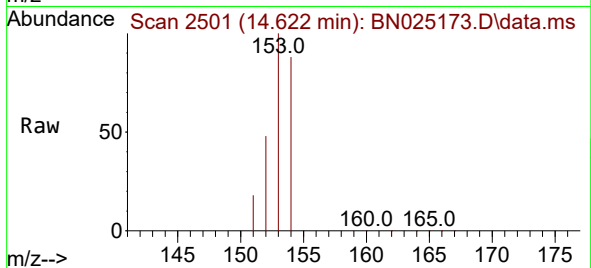
Tgt Ion:153 Resp: 222910

Ion Ratio Lower Upper

153 100

152 48.1 40.2 60.4

154 88.2 69.4 104.2



#12

Fluorene

Concen: 3.501 ng/ul

RT: 15.607 min Scan# 2714

Delta R.T. -0.003 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

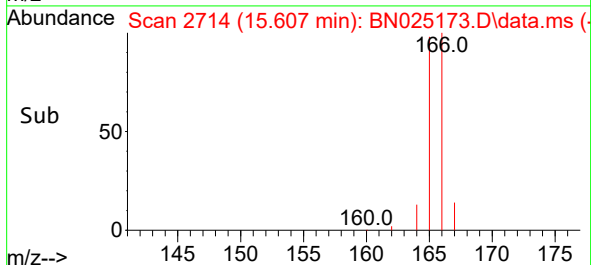
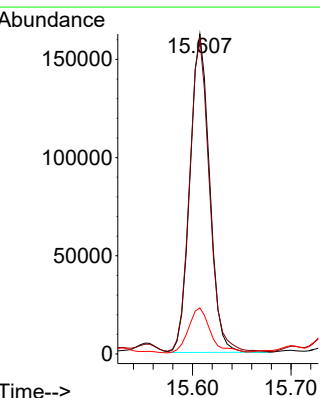
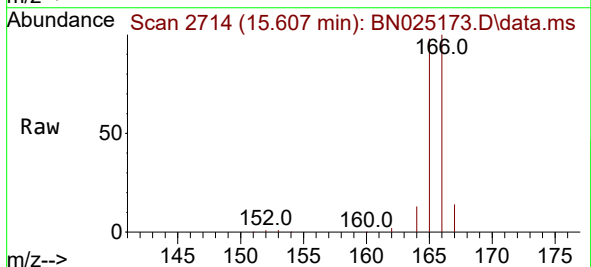
Tgt Ion:166 Resp: 224295

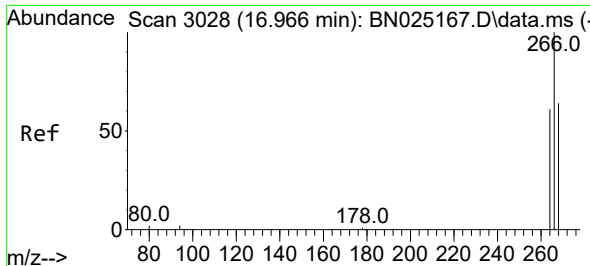
Ion Ratio Lower Upper

166 100

165 98.4 78.1 117.1

167 14.4 11.0 16.6

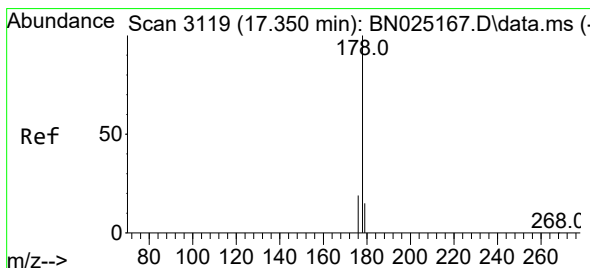
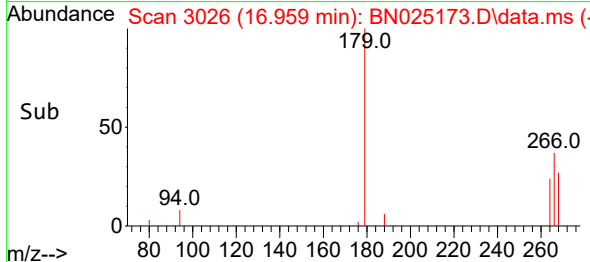
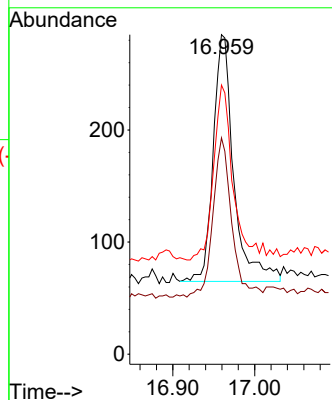
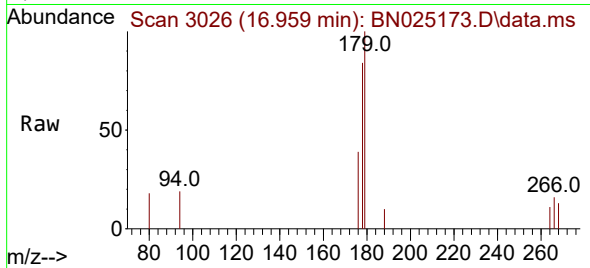




#14
 Pentachlorophenol
 Concen: 0.050 ng/ul
 RT: 16.959 min Scan# 3026
 Delta R.T. -0.007 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

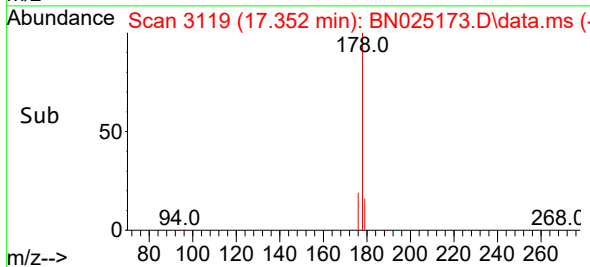
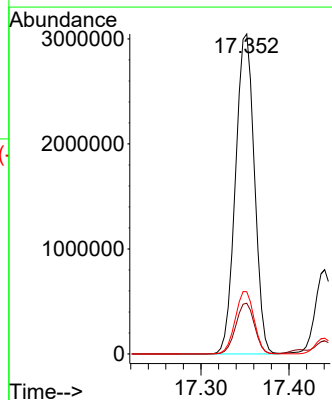
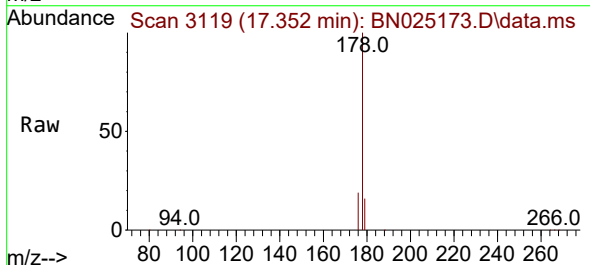
Instrument :
 BNA_N
 ClientSampleId :
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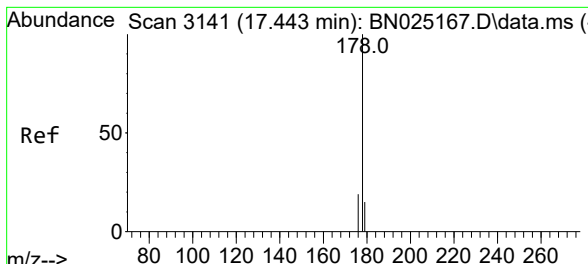
Tgt Ion:266 Resp: 381
 Ion Ratio Lower Upper
 266 100
 264 59.1 49.6 74.4
 268 69.3 51.3 76.9



#15
 Phenanthrene
 Concen: 41.164 ng/ul
 RT: 17.352 min Scan# 3119
 Delta R.T. 0.002 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

Tgt Ion:178 Resp: 4536881
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 19.5 15.6 23.4

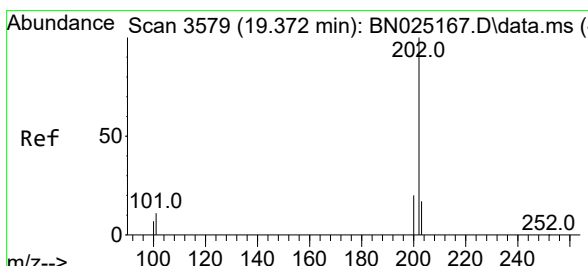
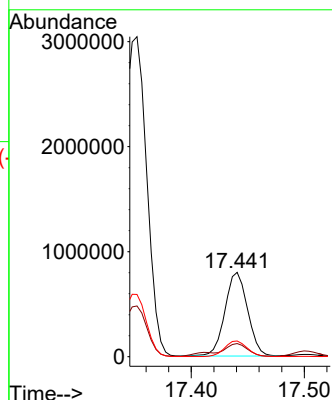
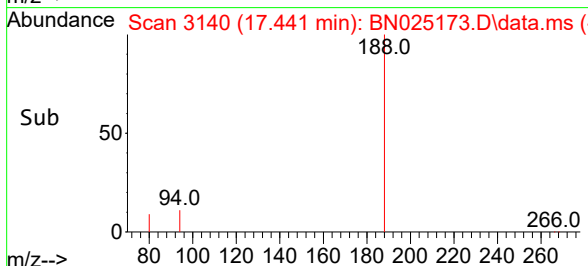
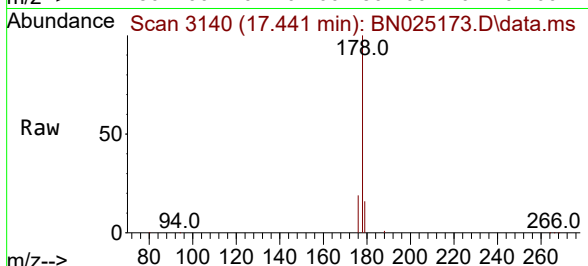




#16
 Anthracene
 Concen: 12.318 ng/ul
 RT: 17.441 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

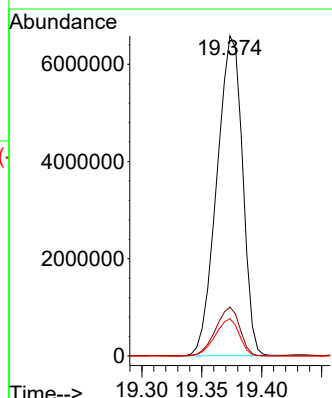
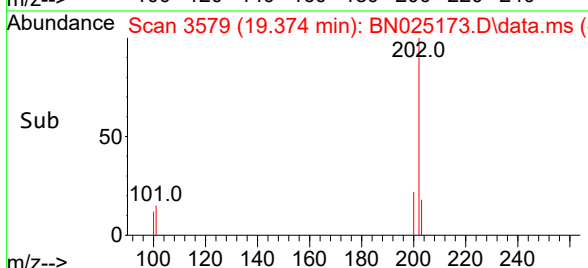
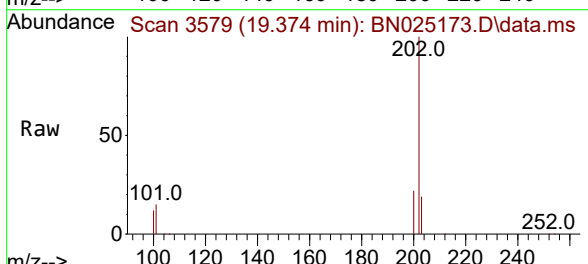
Instrument :
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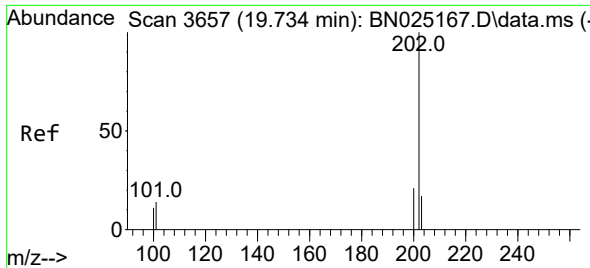
Tgt Ion:178 Resp: 1110602
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.7 19.1
 176 18.6 15.3 22.9



#19
 Fluoranthene
 Concen: 88.338 ng/ul
 RT: 19.374 min Scan# 3579
 Delta R.T. 0.002 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

Tgt Ion:202 Resp: 9814017
 Ion Ratio Lower Upper
 202 100
 101 15.3 9.7 14.5#
 100 11.7 7.3 10.9#

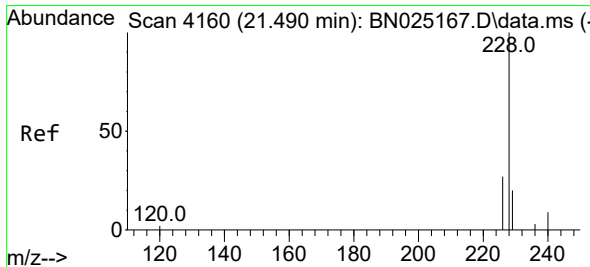
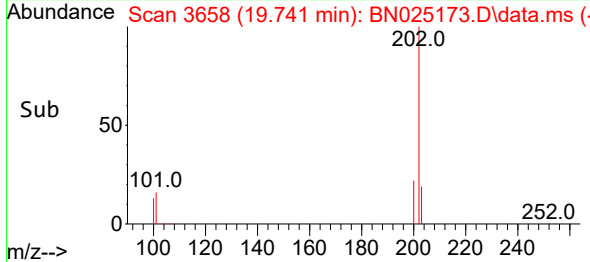
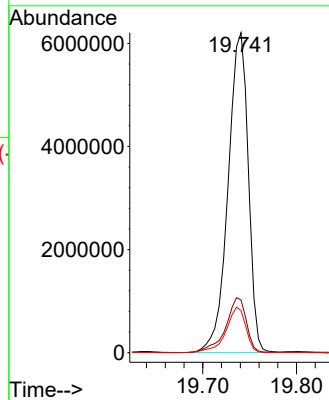
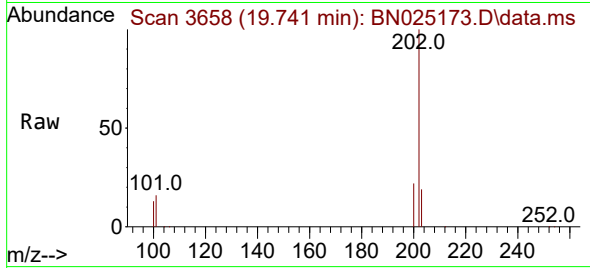




#20
Pyrene
Concen: 81.320 ng/ul
RT: 19.741 min Scan# 3658
Delta R.T. 0.007 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

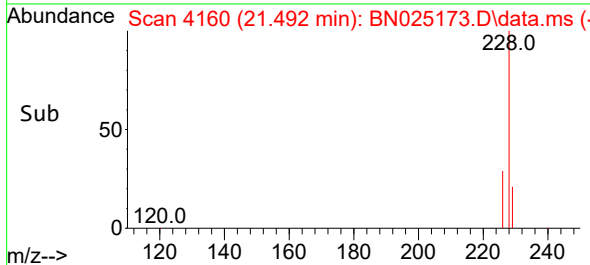
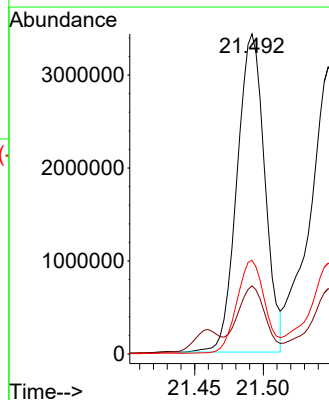
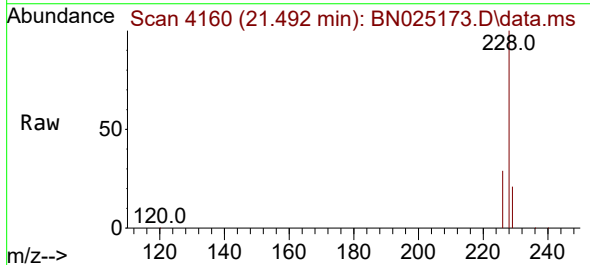
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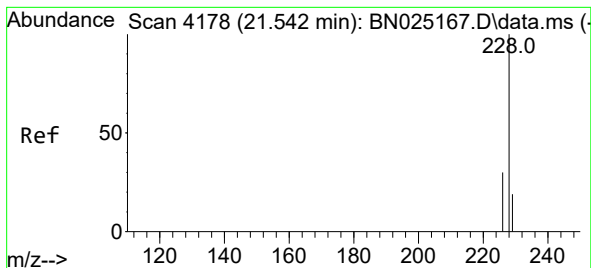
Tgt Ion:202 Resp: 9282351
Ion Ratio Lower Upper
202 100
101 16.5 11.3 16.9
100 13.1 9.2 13.8



#21
Benzo(a)anthracene
Concen: 51.921 ng/ul
RT: 21.492 min Scan# 4160
Delta R.T. 0.002 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

Tgt Ion:228 Resp: 4806652
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 29.3 22.1 33.1





#22

Chrysene

Concen: 49.410 ng/ul

RT: 21.547 min Scan# 4178

Delta R.T. 0.005 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

Instrument :

BNA_N

ClientSampleId :

EW8Y7

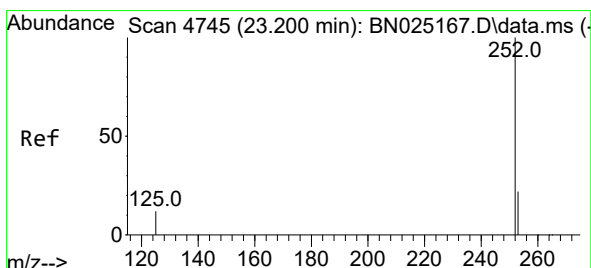
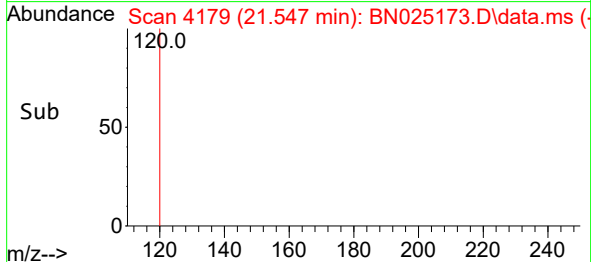
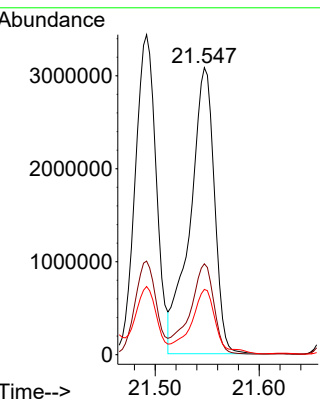
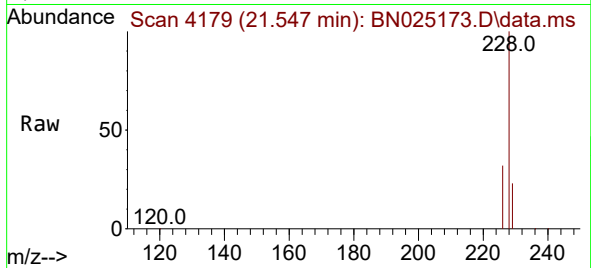
Tgt Ion:228 Resp: 4989857

Ion Ratio Lower Upper

228 100

226 31.7 24.5 36.7

229 22.8 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 59.446 ng/ul

RT: 23.205 min Scan# 4746

Delta R.T. 0.005 min

Lab File: BN025173.D

Acq: 27 Apr 2023 12:24

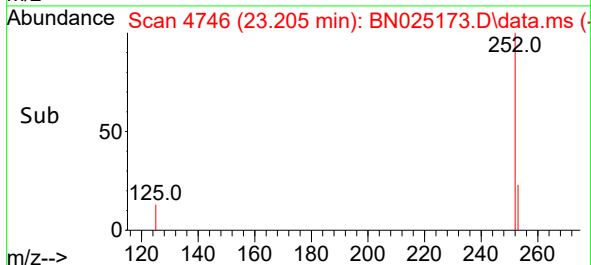
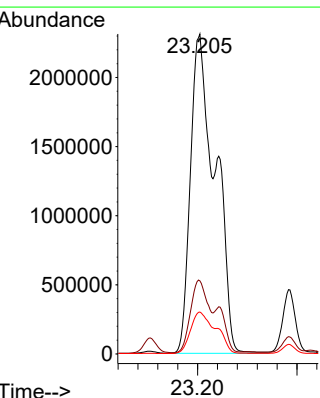
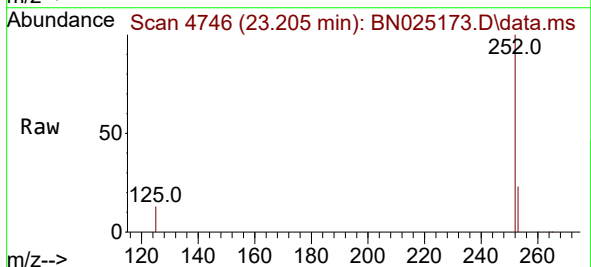
Tgt Ion:252 Resp: 8007676

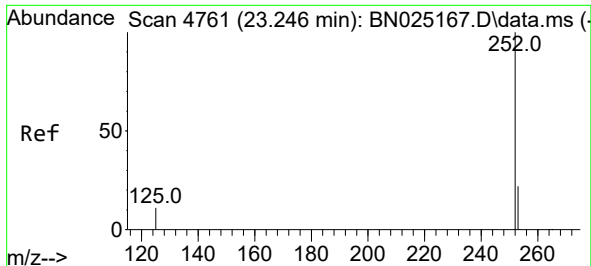
Ion Ratio Lower Upper

252 100

253 22.8 0.0 50.2

125 13.1 0.0 30.4

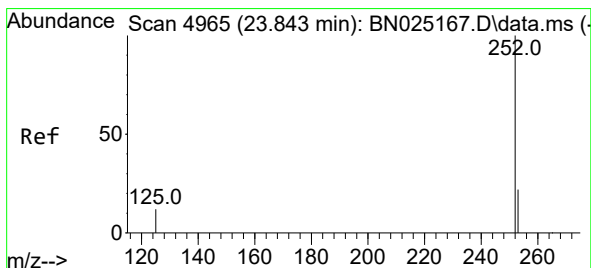
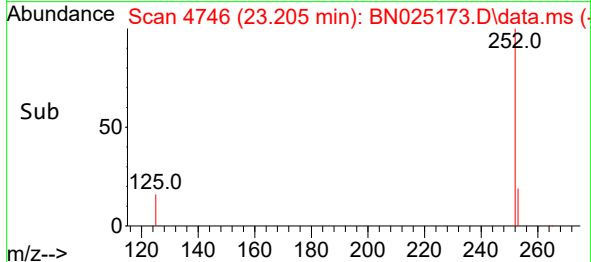
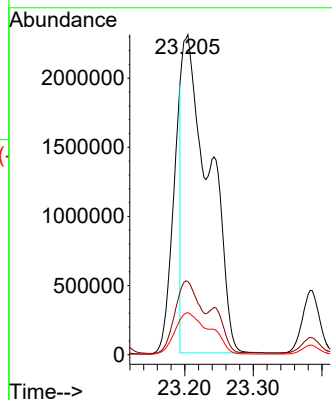
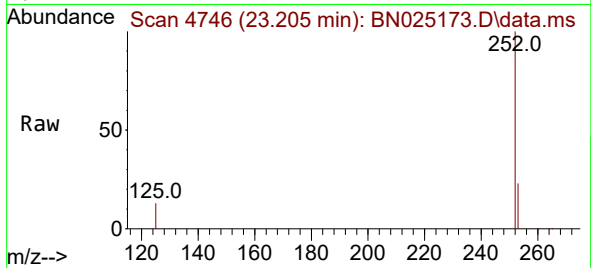




#25
Benzo(k)fluoranthene
Concen: 48.911 ng/ul
RT: 23.205 min Scan# 4761
Delta R.T. -0.042 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

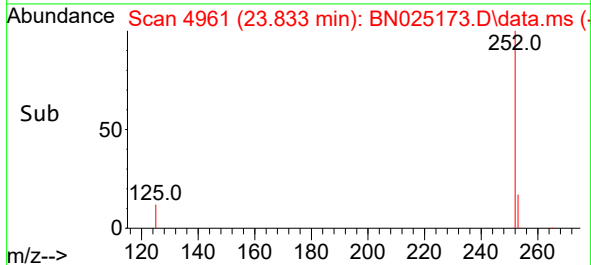
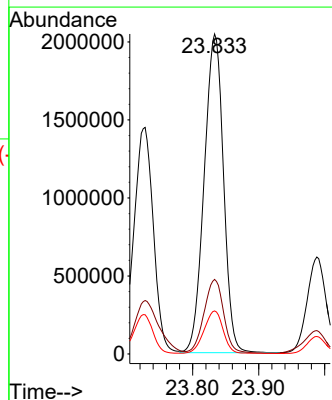
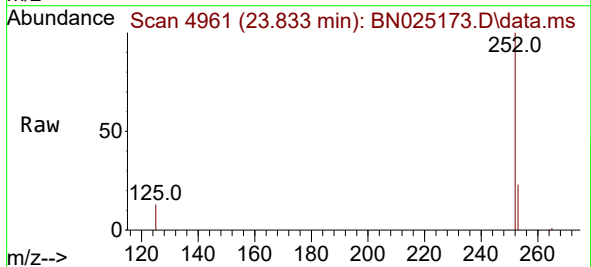
Instrument :
BNA_N
ClientSampleId :
EW8Y7

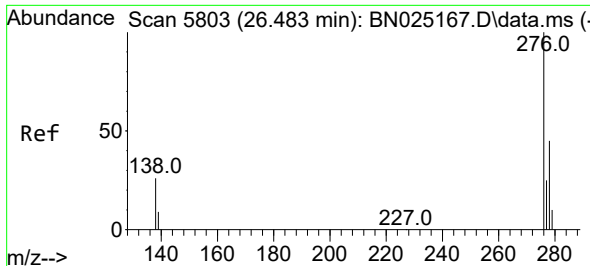
Tgt Ion:252 Resp: 6337392
Ion Ratio Lower Upper
252 100
253 22.8 20.2 30.4
125 13.1 11.8 17.8



#26
Benzo(a)pyrene
Concen: 37.339 ng/ul
RT: 23.833 min Scan# 4961
Delta R.T. -0.010 min
Lab File: BN025173.D
Acq: 27 Apr 2023 12:24

Tgt Ion:252 Resp: 4161565
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 13.5 14.6 22.0#

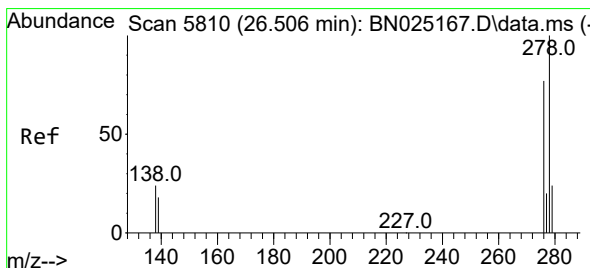
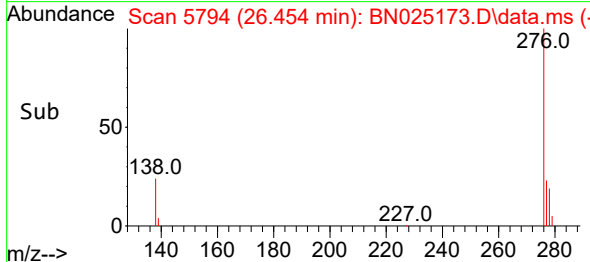
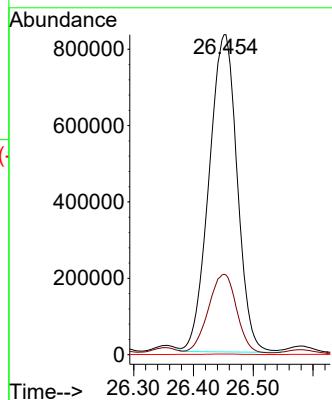
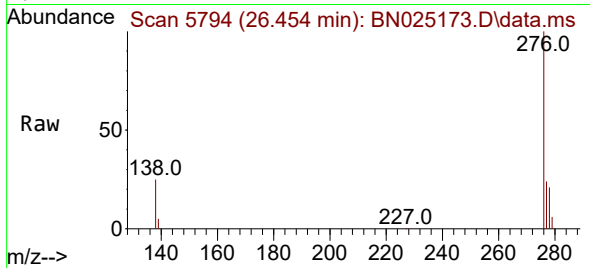




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 21.214 ng/ul
 RT: 26.454 min Scan# 51
 Delta R.T. -0.028 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

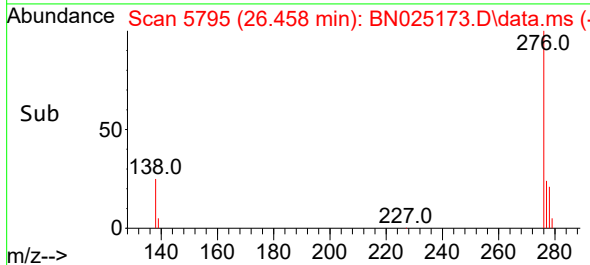
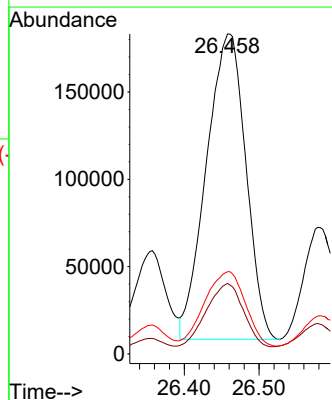
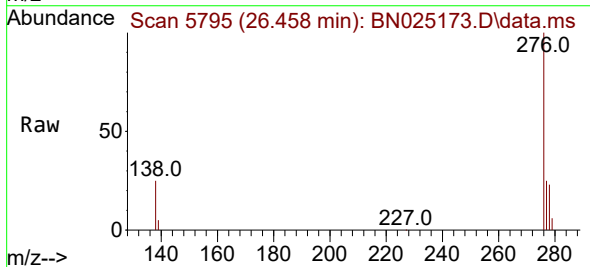
Instrument :
 BNA_N
 ClientSampleId :
 EW8Y7

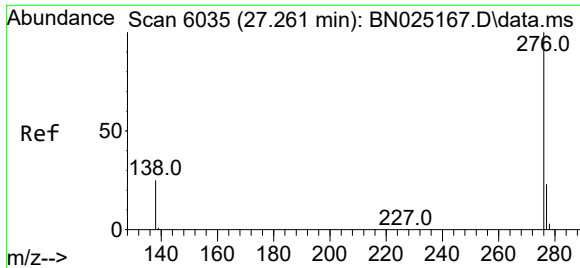
Tgt Ion:276 Resp: 2724205
 Ion Ratio Lower Upper
 276 100
 138 24.9 21.9 32.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 6.384 ng/ul
 RT: 26.458 min Scan# 5795
 Delta R.T. -0.048 min
 Lab File: BN025173.D
 Acq: 27 Apr 2023 12:24

Tgt Ion:278 Resp: 640325
 Ion Ratio Lower Upper
 278 100
 139 22.1 17.0 25.6
 279 25.7 21.8 32.8





#29

Benzo(g,h,i)perylene

Concen: 21.069 ng/ul

RT: 27.229 min Scan# 60

Delta R.T. -0.032 min

Lab File: BN025173.D

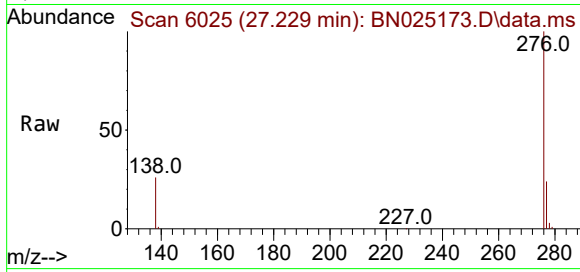
Acq: 27 Apr 2023 12:24

Instrument :

BNA_N

ClientSampleId :

EW8Y7



Tgt Ion:276 Resp: 2300534

Ion Ratio Lower Upper

276 100

138 25.7 20.3 30.5

277 24.0 19.8 29.6

