

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025240.D
 Acq On : 03 May 2023 15:31
 Operator : CG/JU
 Sample : 02447-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW934

Quant Time: May 04 04:29:35 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

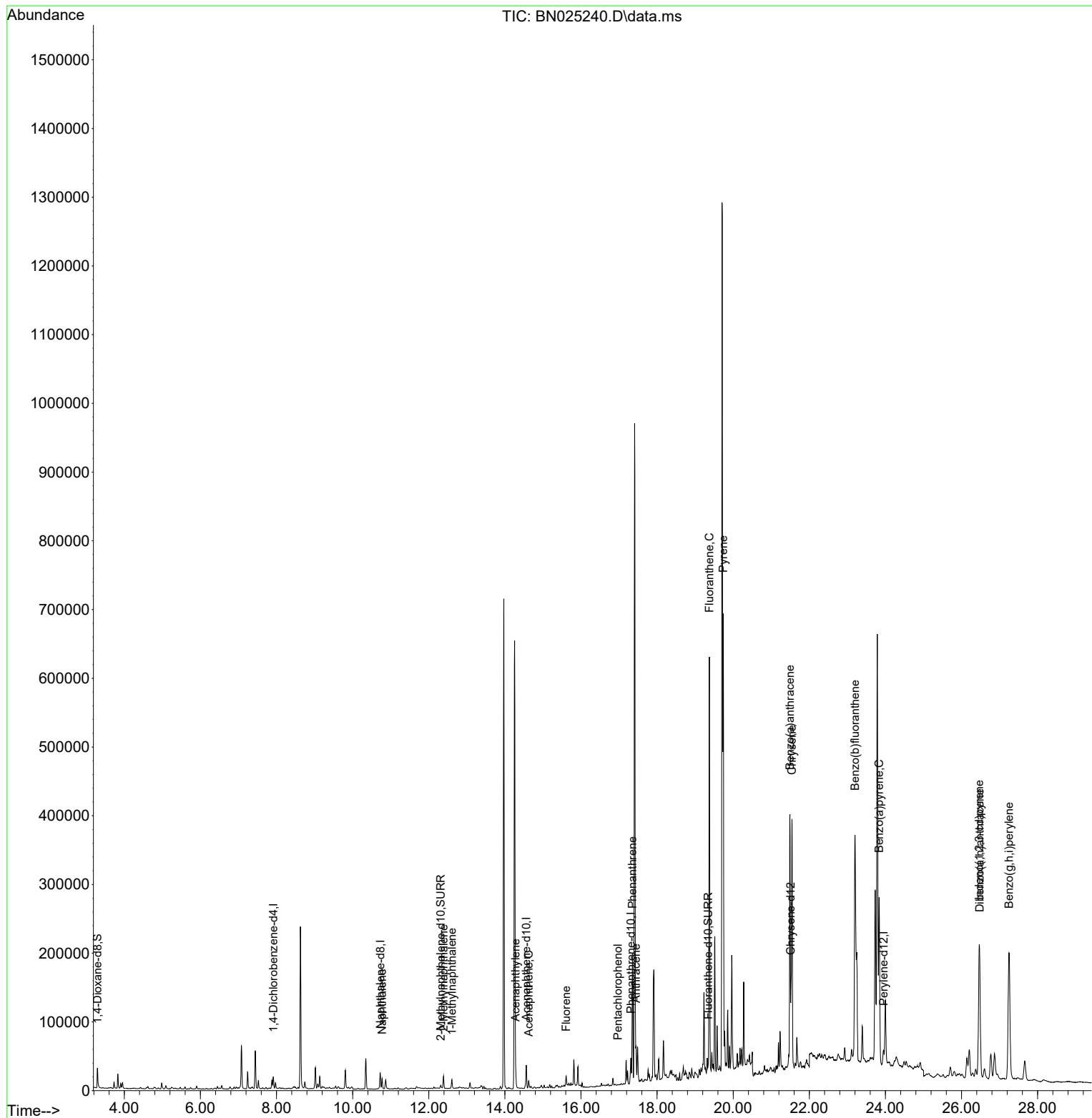
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	29706	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	18553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	50727	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.508	240	31077	0.400	ng/ul	# 0.00
23) Perylene-d12	23.949	264	26642	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17247	1.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	5908	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.345	212	14171	0.173	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	19840	0.261	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	12196	0.262	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	8725	0.176	ng/ul	99
10) Acenaphthylene	14.283	152	29507	0.427	ng/ul#	94
11) Acenaphthene	14.626	153	6788	0.117	ng/ul	98
12) Fluorene	15.611	166	9834	0.151	ng/ul#	89
14) Pentachlorophenol	16.967	266	375	0.038	ng/ul#	76
15) Phenanthrene	17.351	178	198268	1.385	ng/ul	99
16) Anthracene	17.444	178	50651	0.432	ng/ul#	94
19) Fluoranthene	19.373	202	500195	4.451	ng/ul	97
20) Pyrene	19.740	202	527338	4.567	ng/ul	99
21) Benzo(a)anthracene	21.491	228	330576	3.530	ng/ul	94
22) Chrysene	21.543	228	382761	3.747	ng/ul#	95
24) Benzo(b)fluoranthene	23.201	252	770682	7.130	ng/ul	95
26) Benzo(a)pyrene	23.835	252	346832	3.878	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.467	276	335683	3.258	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.477	278	79043	0.982	ng/ul#	80
29) Benzo(g,h,i)perylene	27.248	276	414649	4.733	ng/ul	98

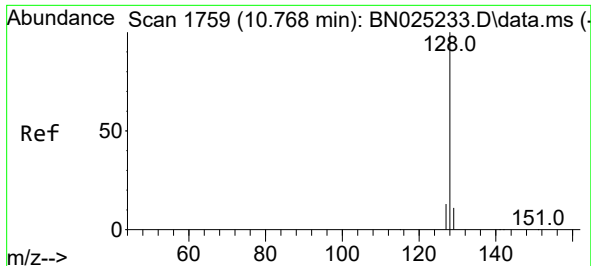
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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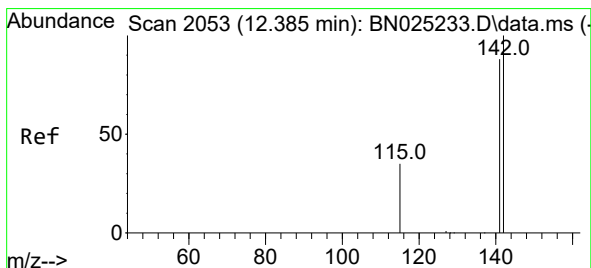
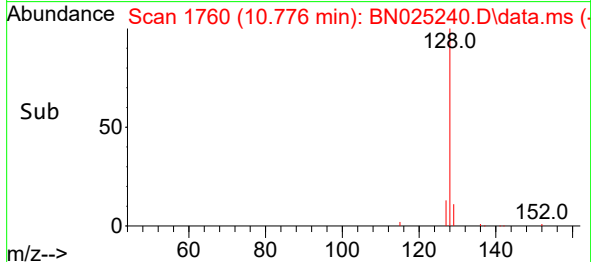
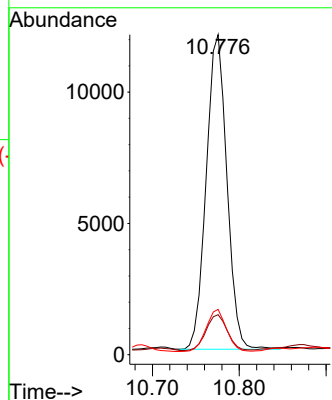
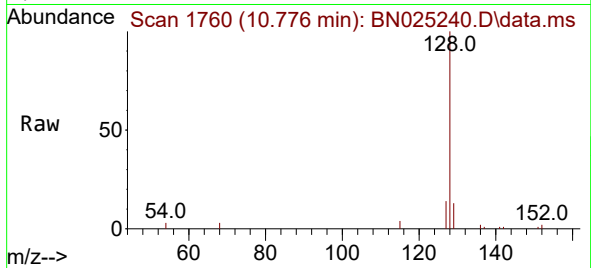




#5
Naphthalene
Concen: 0.261 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

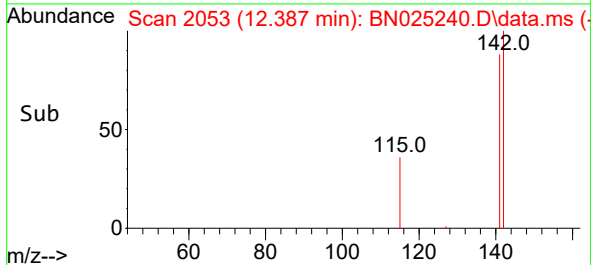
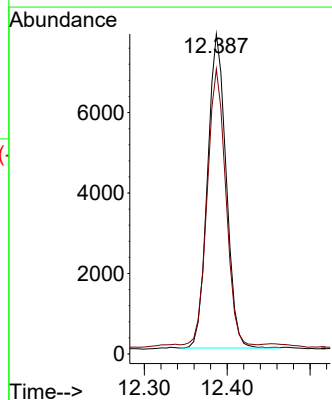
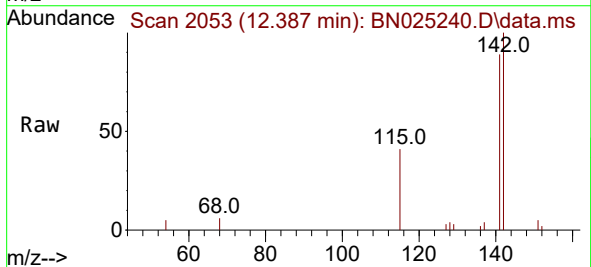
Instrument :
BNA_N
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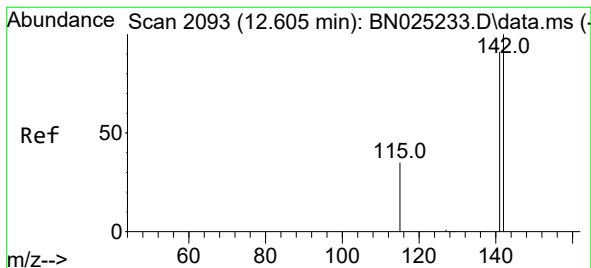
Tgt Ion:128 Resp: 19840
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 14.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

Tgt Ion:142 Resp: 12196
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.176 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.002 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

Instrument :

BNA_N

ClientSampleId :

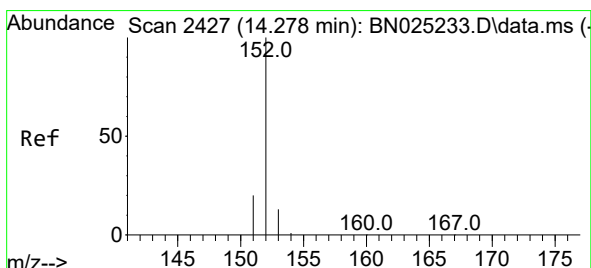
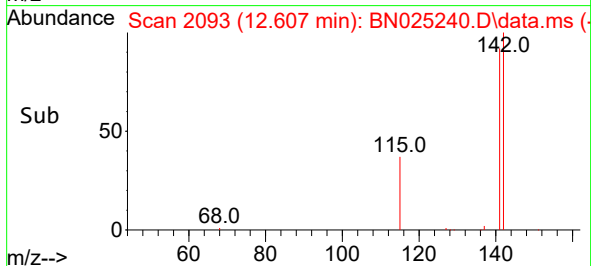
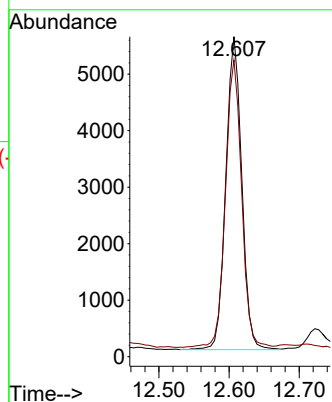
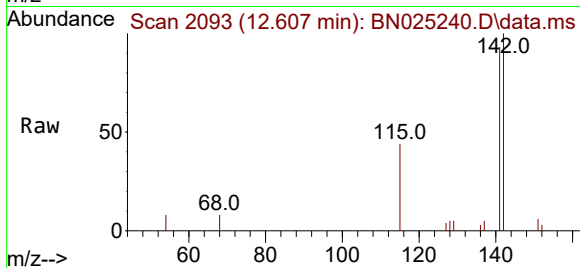
EW934

Tgt Ion:142 Resp: 8725

Ion Ratio Lower Upper

142 100

141 92.9 73.8 110.6



#10

Acenaphthylene

Concen: 0.427 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.005 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

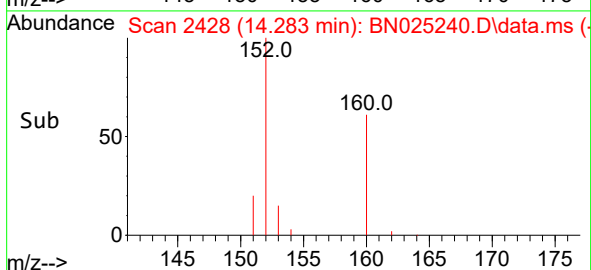
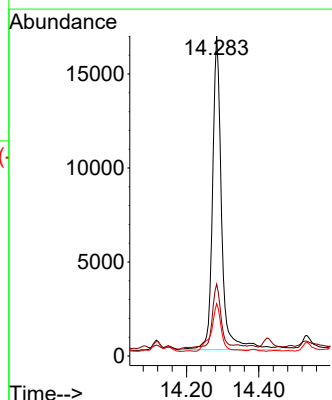
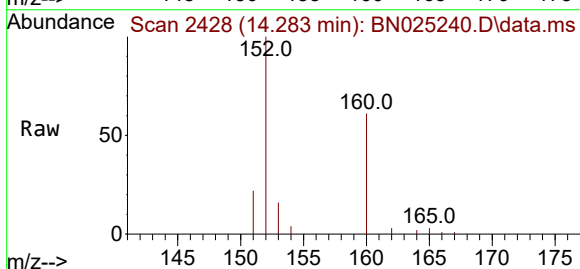
Tgt Ion:152 Resp: 29507

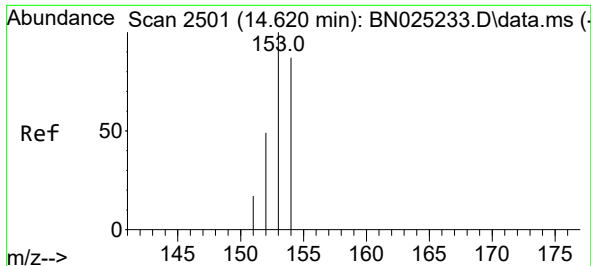
Ion Ratio Lower Upper

152 100

151 22.4 16.0 24.0

153 16.3 10.8 16.2#

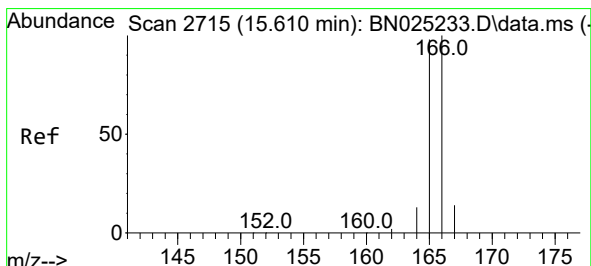
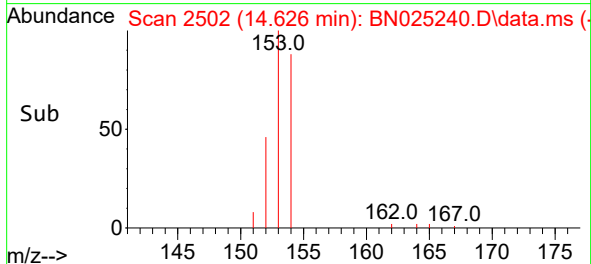
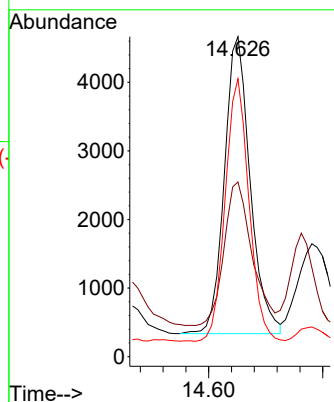
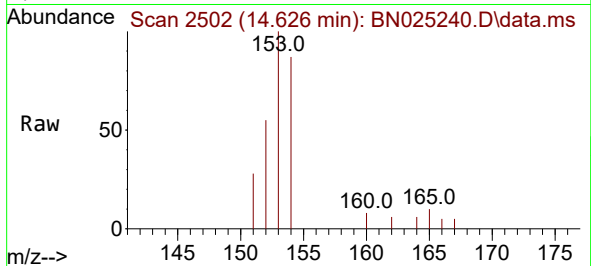




#11
Acenaphthene
Concen: 0.117 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. 0.005 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

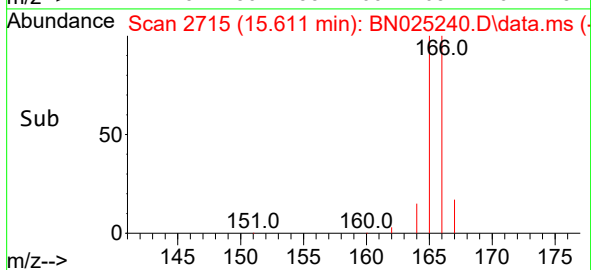
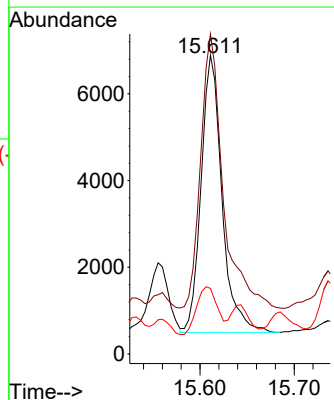
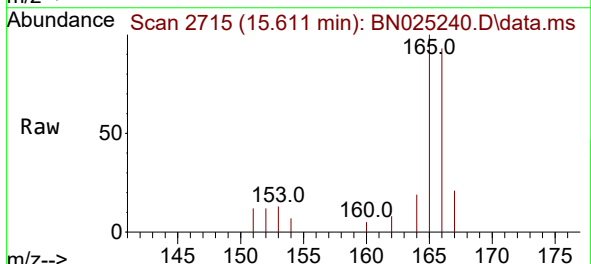
Instrument :
BNA_N
ClientSampleId :
EW934

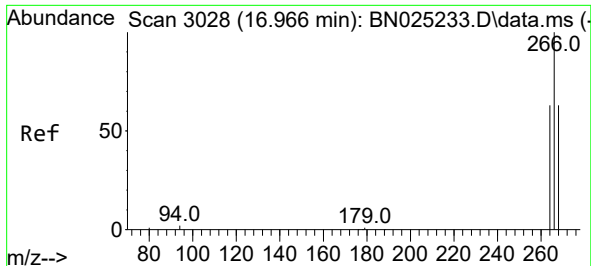
Tgt Ion:153 Resp: 6788
Ion Ratio Lower Upper
153 100
152 54.6 40.2 60.4
154 86.8 69.4 104.2



#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

Tgt Ion:166 Resp: 9834
Ion Ratio Lower Upper
166 100
165 107.1 78.1 117.1
167 22.0 11.0 16.6#

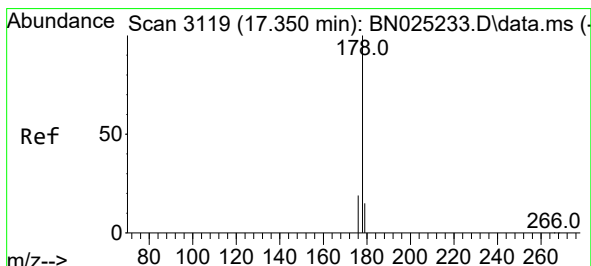
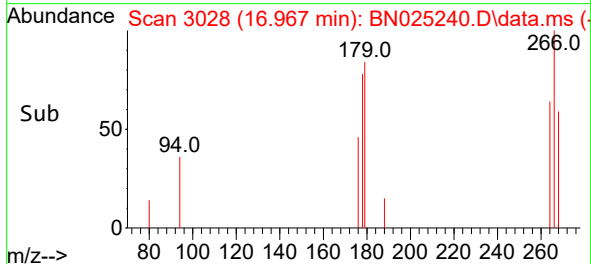
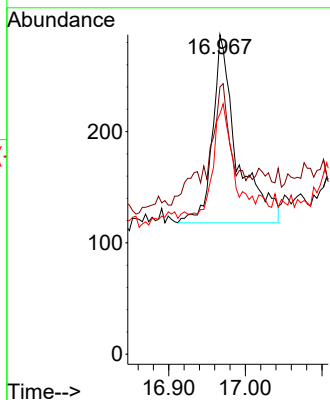
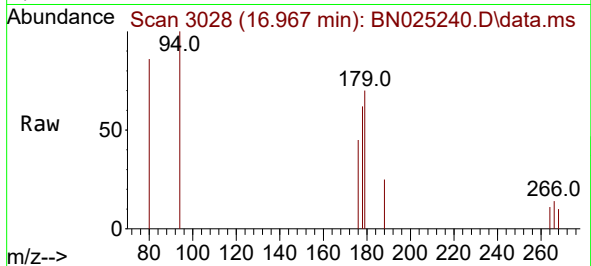




#14
 Pentachlorophenol
 Concen: 0.038 ng/ul
 RT: 16.967 min Scan# 3028
 Delta R.T. 0.001 min
 Lab File: BN025240.D
 Acq: 03 May 2023 15:31

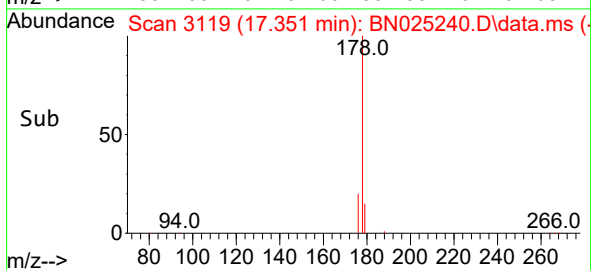
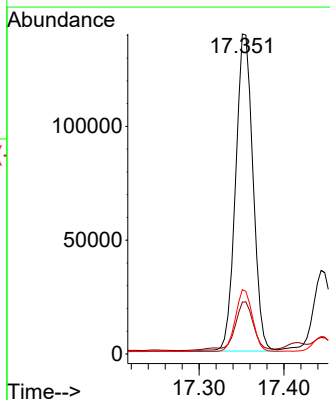
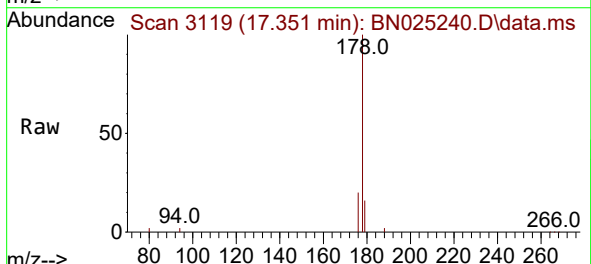
Instrument :
 BNA_N
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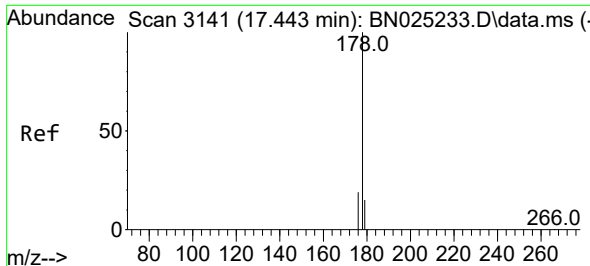
Tgt Ion:266 Resp: 375
 Ion Ratio Lower Upper
 266 100
 264 42.7 49.6 74.4#
 268 45.6 51.3 76.9#



#15
 Phenanthrene
 Concen: 1.385 ng/ul
 RT: 17.351 min Scan# 3119
 Delta R.T. 0.001 min
 Lab File: BN025240.D
 Acq: 03 May 2023 15:31

Tgt Ion:178 Resp: 198268
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 20.1 15.6 23.4

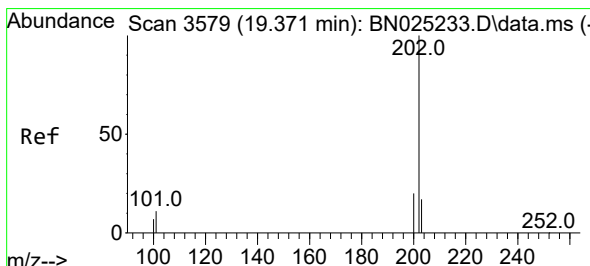
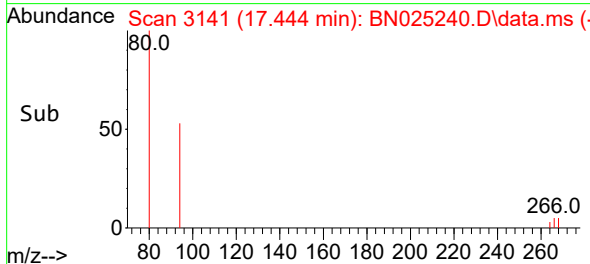
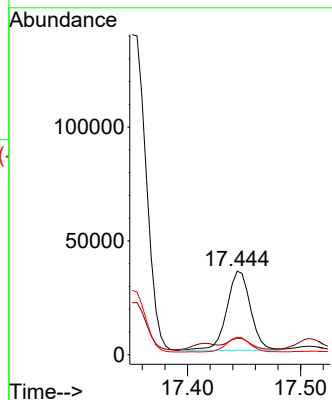
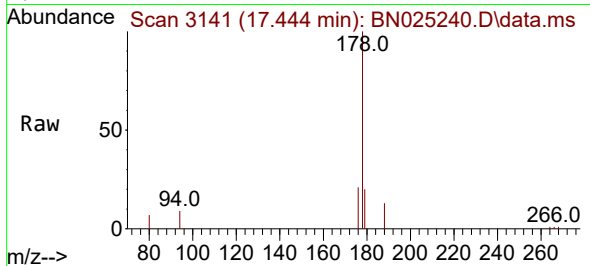




#16
 Anthracene
 Concen: 0.432 ng/ul
 RT: 17.444 min Scan# 3141
 Delta R.T. 0.001 min
 Lab File: BN025240.D
 Acq: 03 May 2023 15:31

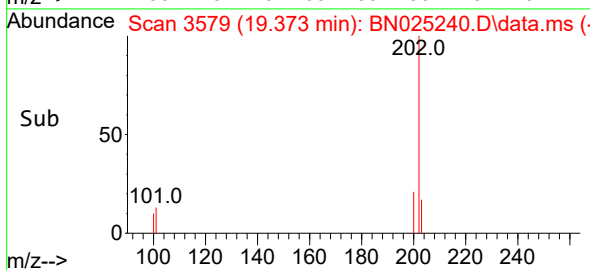
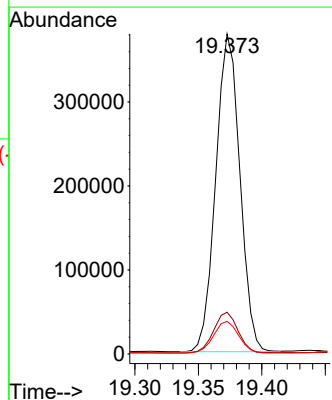
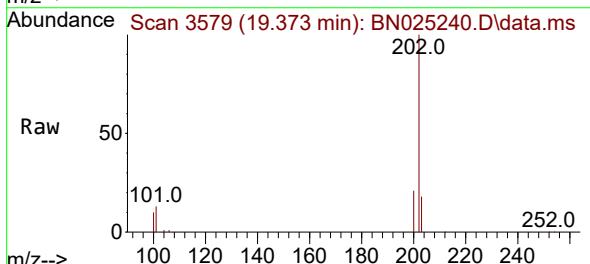
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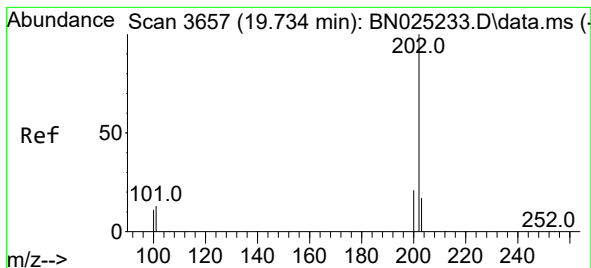
Tgt Ion:178 Resp: 50651
 Ion Ratio Lower Upper
 178 100
 179 19.8 12.7 19.1#
 176 20.9 15.3 22.9



#19
 Fluoranthene
 Concen: 4.451 ng/ul
 RT: 19.373 min Scan# 3579
 Delta R.T. 0.001 min
 Lab File: BN025240.D
 Acq: 03 May 2023 15:31

Tgt Ion:202 Resp: 500195
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 10.2 7.3 10.9





#20

Pyrene

Concen: 4.567 ng/ul

RT: 19.740 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

Instrument :

BNA_N

ClientSampleId :

EW934

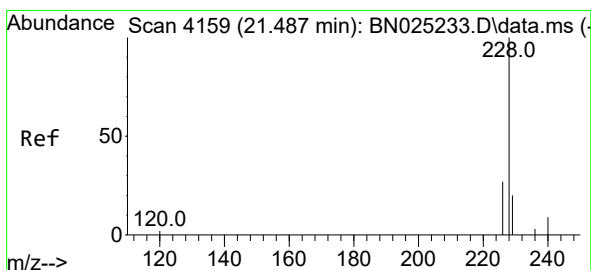
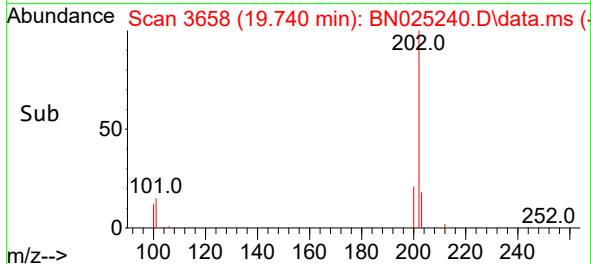
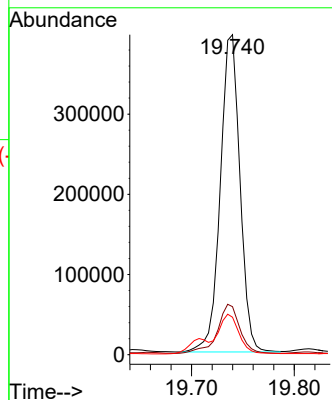
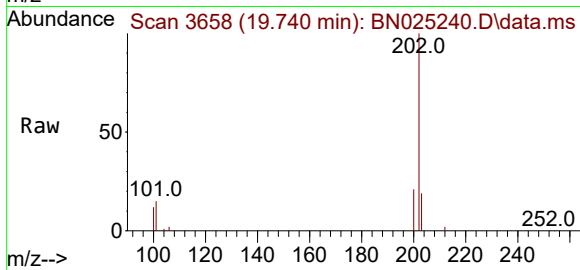
Tgt Ion:202 Resp: 527338

Ion Ratio Lower Upper

202 100

101 15.0 11.3 16.9

100 11.7 9.2 13.8



#21

Benzo(a)anthracene

Concen: 3.530 ng/ul

RT: 21.491 min Scan# 4160

Delta R.T. 0.004 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

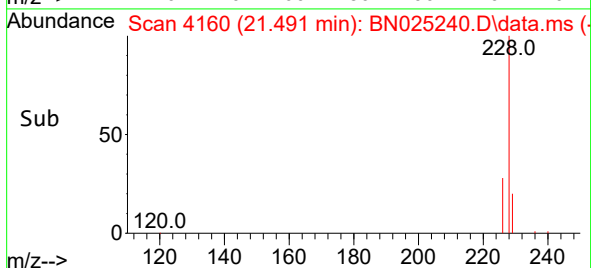
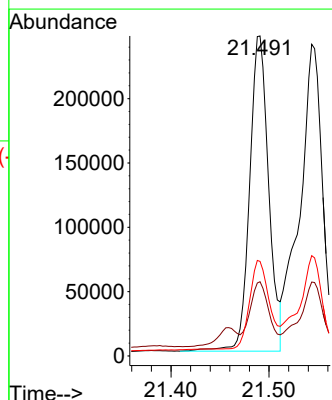
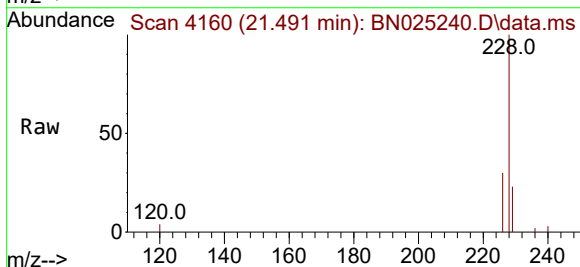
Tgt Ion:228 Resp: 330576

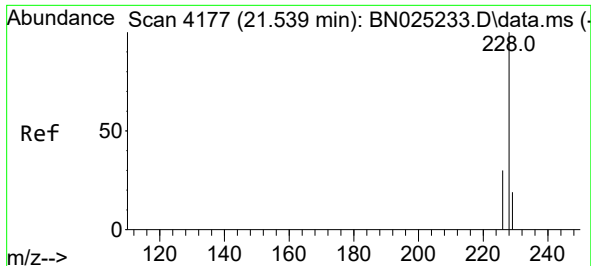
Ion Ratio Lower Upper

228 100

229 23.2 15.6 23.4

226 29.6 22.1 33.1





#22

Chrysene

Concen: 3.747 ng/ul

RT: 21.543 min Scan# 4177

Delta R.T. 0.004 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

Instrument :

BNA_N

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EW934

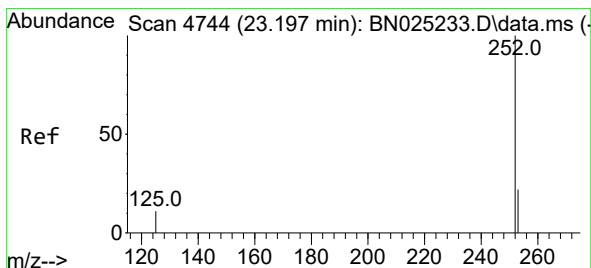
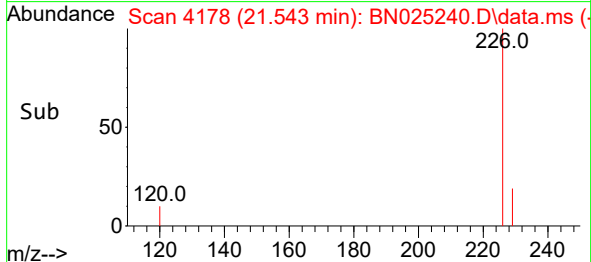
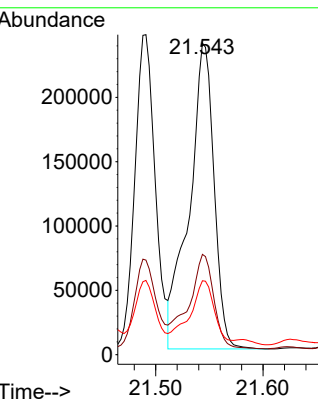
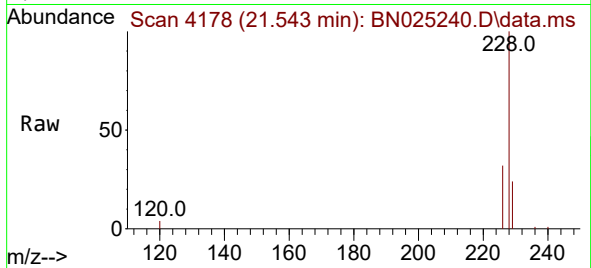
Tgt Ion:228 Resp: 382761

Ion Ratio Lower Upper

228 100

226 32.2 24.5 36.7

229 23.7 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 7.130 ng/ul

RT: 23.201 min Scan# 4745

Delta R.T. 0.004 min

Lab File: BN025240.D

Acq: 03 May 2023 15:31

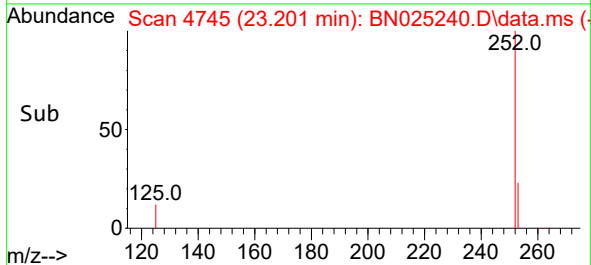
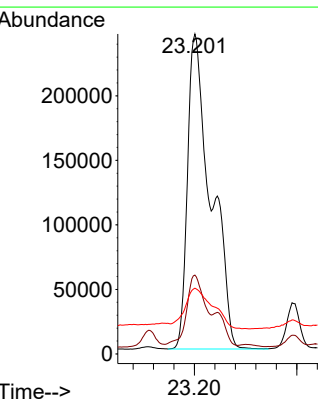
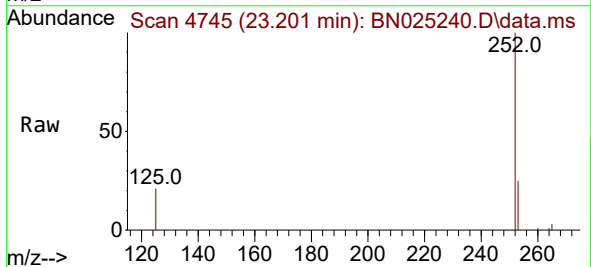
Tgt Ion:252 Resp: 770682

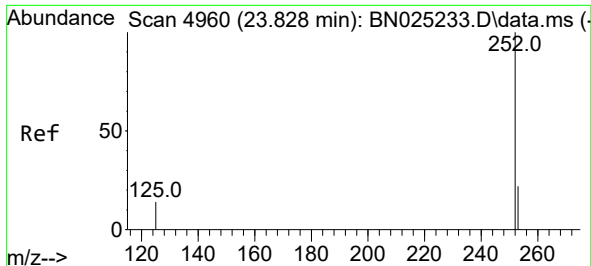
Ion Ratio Lower Upper

252 100

253 24.7 0.0 50.2

125 20.6 0.0 30.4

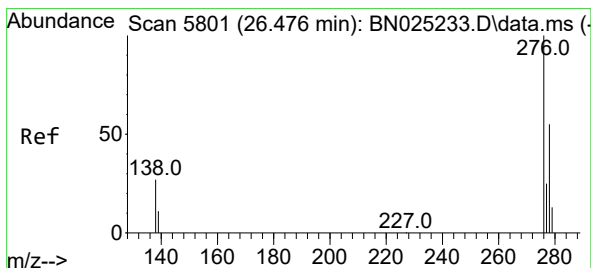
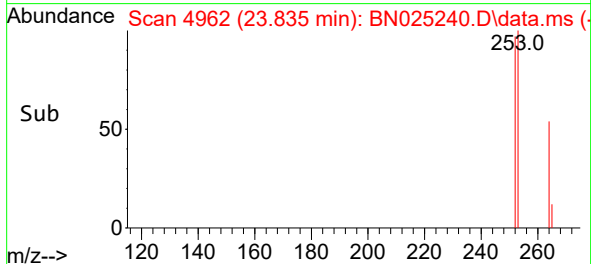
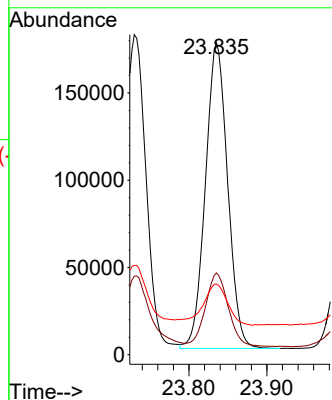
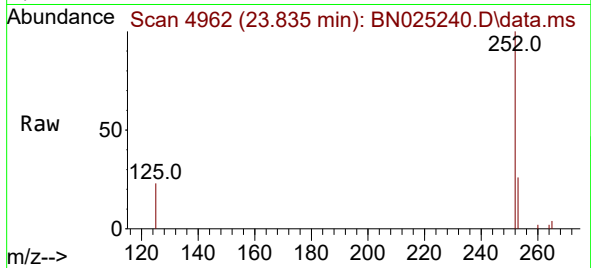




#26
Benzo(a)pyrene
Concen: 3.878 ng/ul
RT: 23.835 min Scan# 4960
Delta R.T. 0.007 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

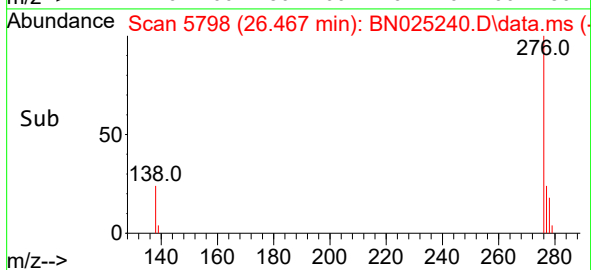
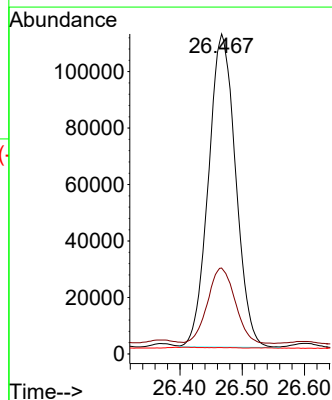
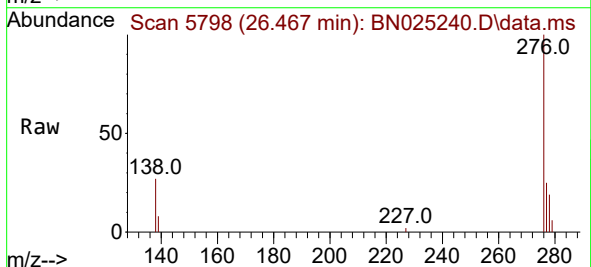
Instrument :
BNA_N
ClientSampleId :
EW934

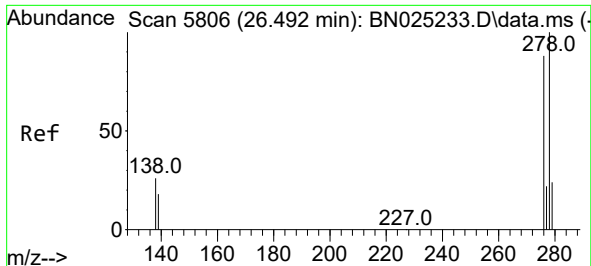
Tgt Ion:252 Resp: 346832
Ion Ratio Lower Upper
252 100
253 26.2 21.4 32.2
125 22.7 14.6 22.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.258 ng/ul
RT: 26.467 min Scan# 5798
Delta R.T. -0.009 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

Tgt Ion:276 Resp: 335683
Ion Ratio Lower Upper
276 100
138 24.6 21.9 32.9
227 0.0 0.1 0.1#

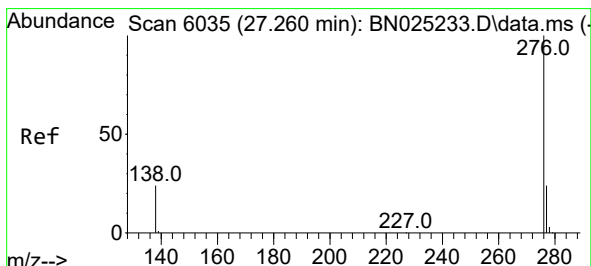
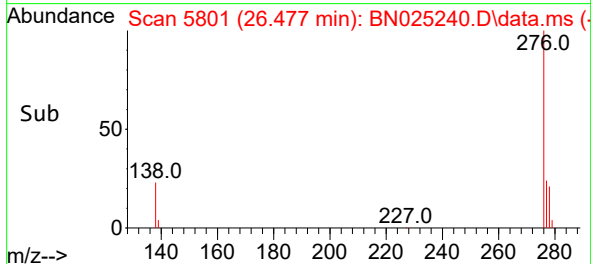
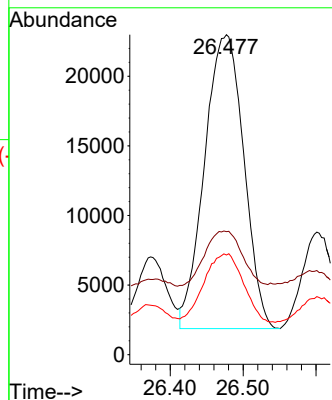
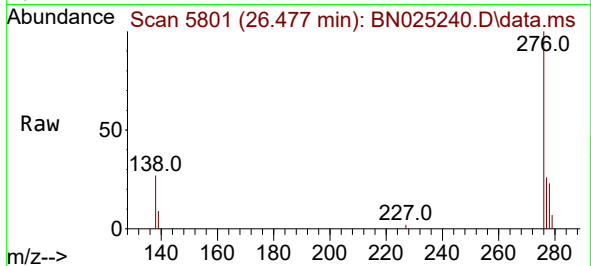




#28
Dibenzo(a,h)anthracene
Concen: 0.982 ng/ul
RT: 26.477 min Scan# 5806
Delta R.T. -0.016 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

Instrument :
BNA_N
ClientSampleId :
EW934

Tgt Ion:278 Resp: 79043
Ion Ratio Lower Upper
278 100
139 38.5 17.0 25.6#
279 31.2 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 4.733 ng/ul
RT: 27.248 min Scan# 6031
Delta R.T. -0.012 min
Lab File: BN025240.D
Acq: 03 May 2023 15:31

Tgt Ion:276 Resp: 414649
Ion Ratio Lower Upper
276 100
138 27.3 20.3 30.5
277 24.4 19.8 29.6

