

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026102.D
 Acq On : 29 Jun 2023 19:43
 Operator : MA/JU
 Sample : 03143-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFU5

Quant Time: Jun 30 00:45:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

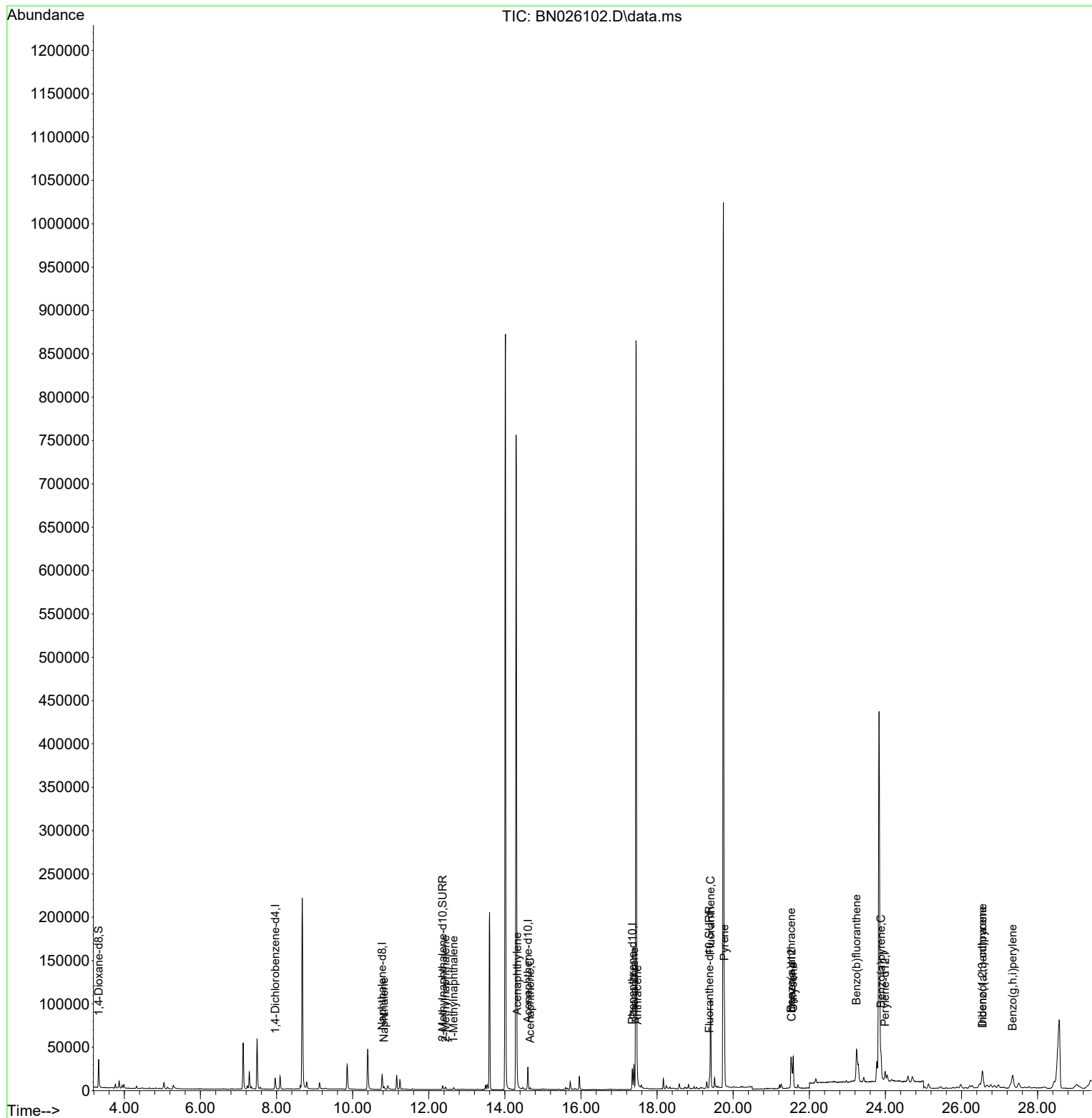
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	24774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	14704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	29072	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	15176	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	16406	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	22147	2.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6339	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	12008	0.208	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.823	128	4575	0.064	ng/ul#	91
7) 2-Methylnaphthalene	12.440	142	2396	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.655	142	1731	0.037	ng/ul	96
10) Acenaphthylene	14.324	152	2573	0.037	ng/ul#	84
11) Acenaphthene	14.666	153	1319	0.023	ng/ul	94
15) Phenanthrene	17.392	178	31078	0.324	ng/ul	99
16) Anthracene	17.481	178	4943	0.058	ng/ul#	87
19) Fluoranthene	19.408	202	88743	1.095	ng/ul	100
20) Pyrene	19.771	202	73944	0.877	ng/ul	97
21) Benzo(a)anthracene	21.522	228	31102	0.497	ng/ul	96
22) Chrysene	21.577	228	44246	0.679	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	93011	1.328	ng/ul	98
26) Benzo(a)pyrene	23.884	252	38998	0.641	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.549	276	38035	0.573	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.556	278	8385	0.167	ng/ul#	71
29) Benzo(g,h,i)perylene	27.344	276	33970	0.575	ng/ul	94

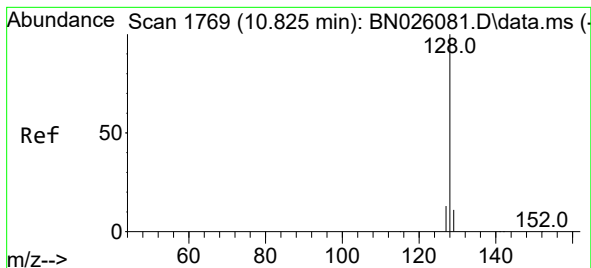
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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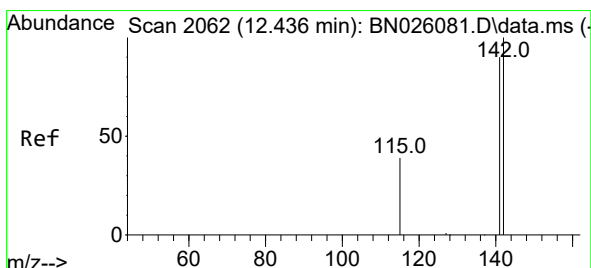
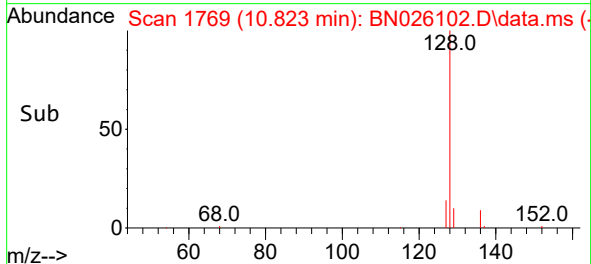
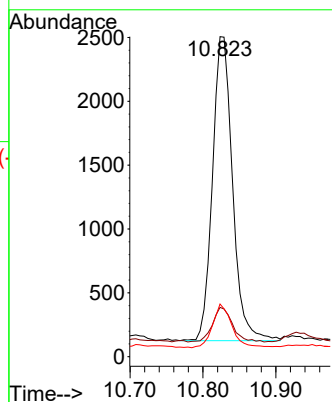
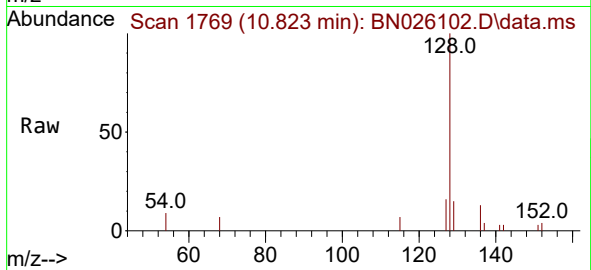




#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.013 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

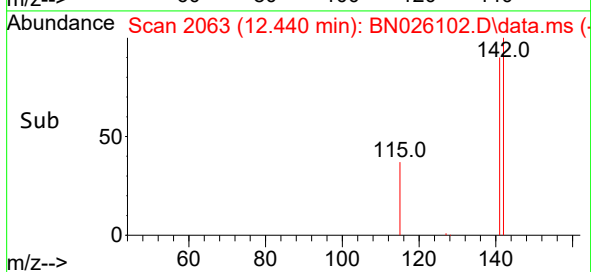
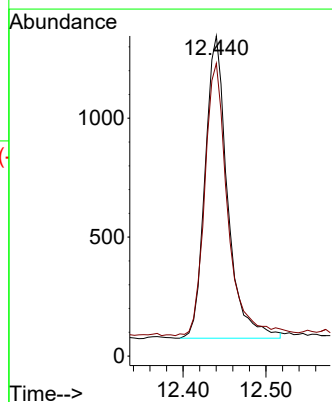
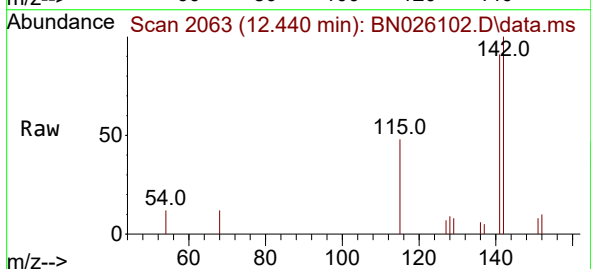
Instrument :
BNA_N
ClientSampleId :
DCFU5

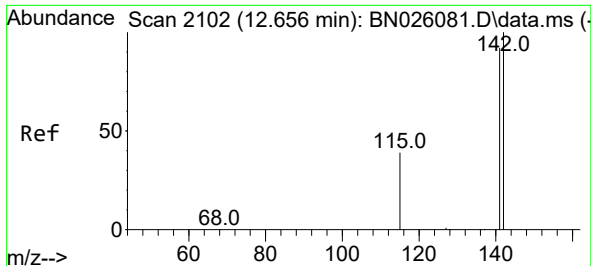
Tgt Ion:128 Resp: 4575
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7#
127 16.4 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

Tgt Ion:142 Resp: 2396
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9

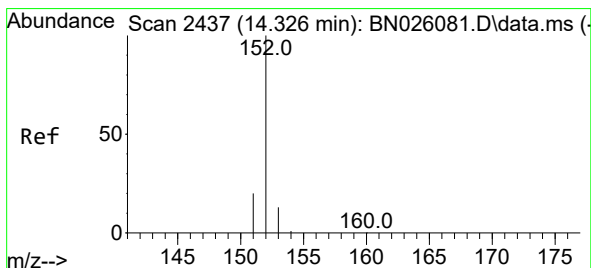
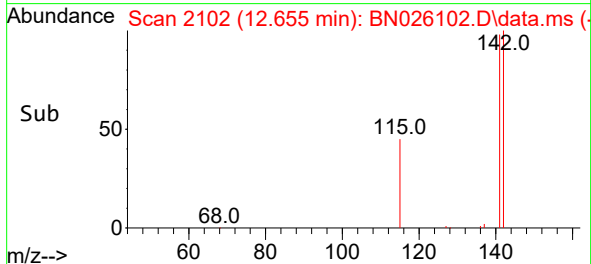
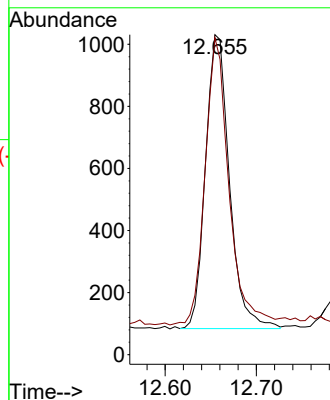
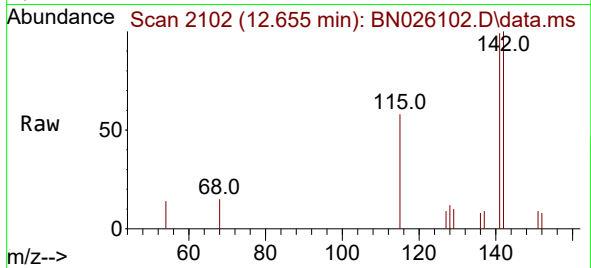




#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.655 min Scan# 2102
Delta R.T. -0.007 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

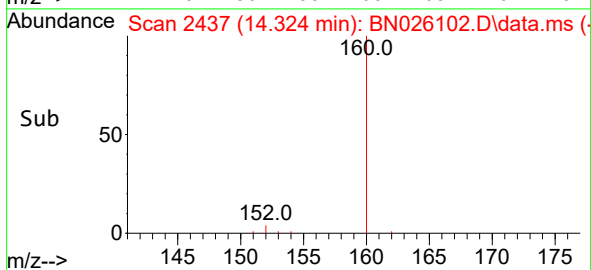
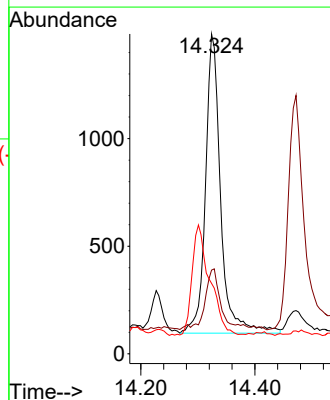
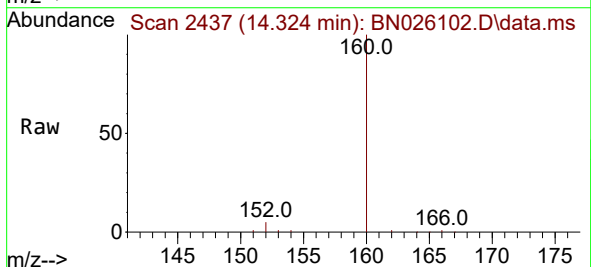
Instrument :
BNA_N
ClientSampleId :
DCFU5

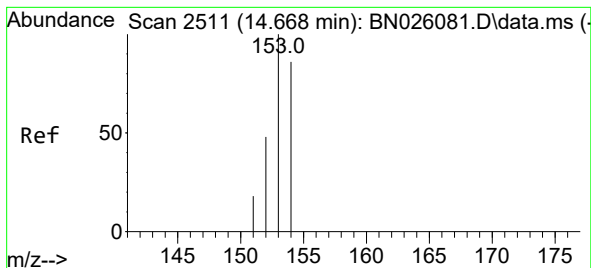
Tgt Ion:142 Resp: 1731
Ion Ratio Lower Upper
142 100
141 96.9 74.2 111.4



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

Tgt Ion:152 Resp: 2573
Ion Ratio Lower Upper
152 100
151 26.2 16.2 24.4#
153 22.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.023 ng/ul

RT: 14.666 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5

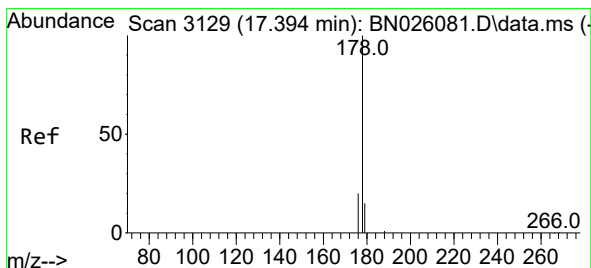
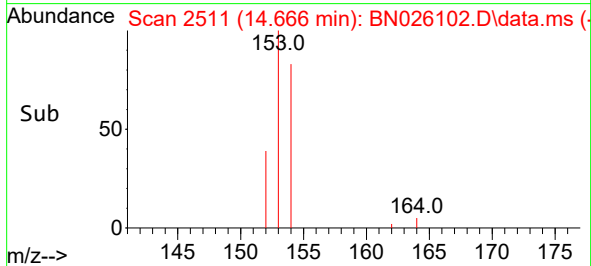
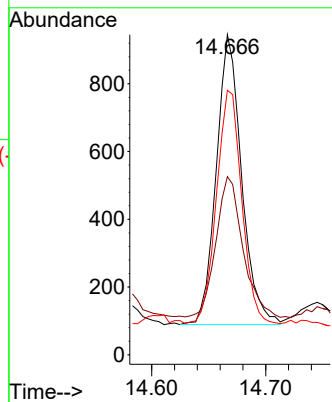
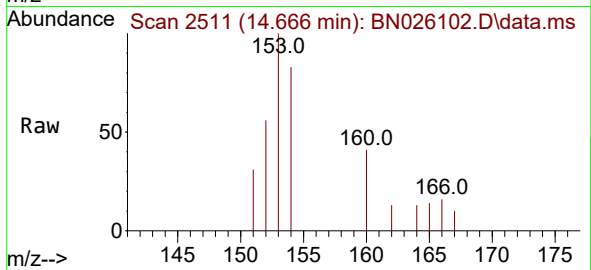
Tgt Ion:153 Resp: 1319

Ion Ratio Lower Upper

153 100

152 55.7 39.4 59.0

154 82.6 68.9 103.3



#15

Phenanthrene

Concen: 0.324 ng/ul

RT: 17.392 min Scan# 3129

Delta R.T. -0.009 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

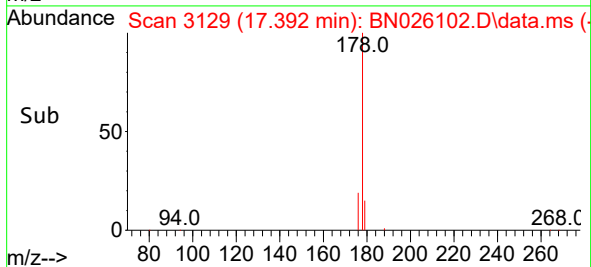
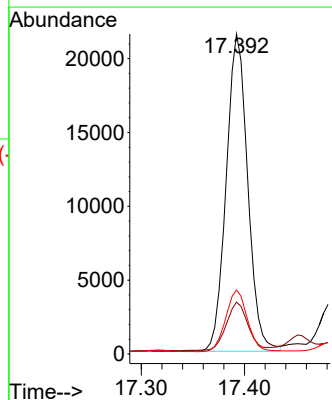
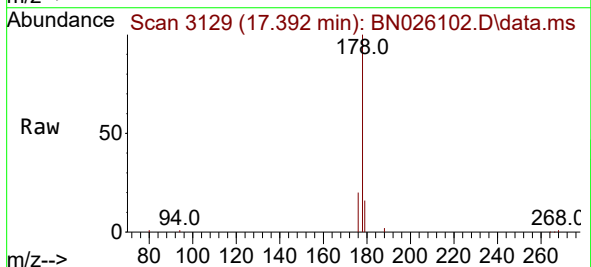
Tgt Ion:178 Resp: 31078

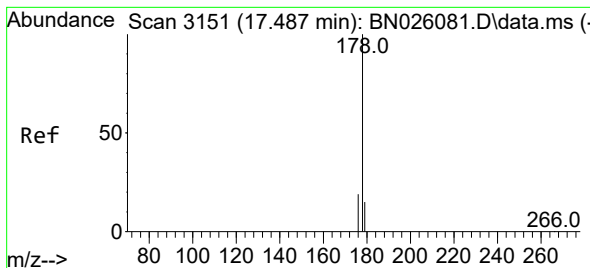
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 20.0 15.8 23.6





#16

Anthracene

Concen: 0.058 ng/ul

RT: 17.481 min Scan# 3151

Delta R.T. -0.013 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5

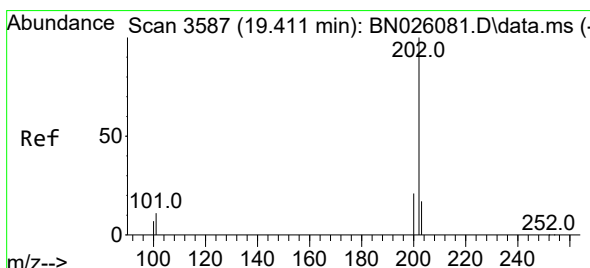
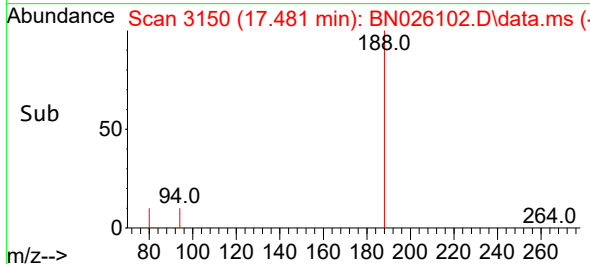
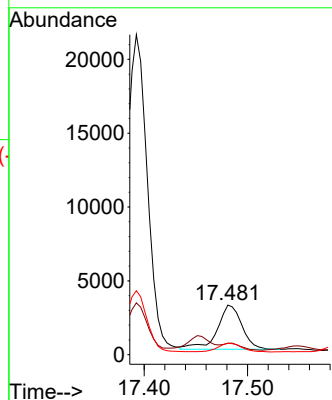
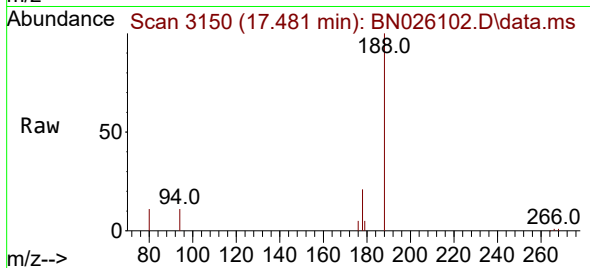
Tgt Ion:178 Resp: 4943

Ion Ratio Lower Upper

178 100

179 23.1 12.6 18.8#

176 23.0 15.1 22.7#



#19

Fluoranthene

Concen: 1.095 ng/ul

RT: 19.408 min Scan# 3587

Delta R.T. -0.006 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

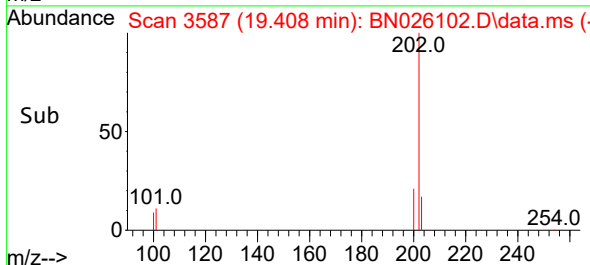
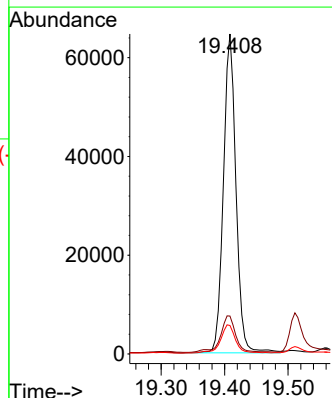
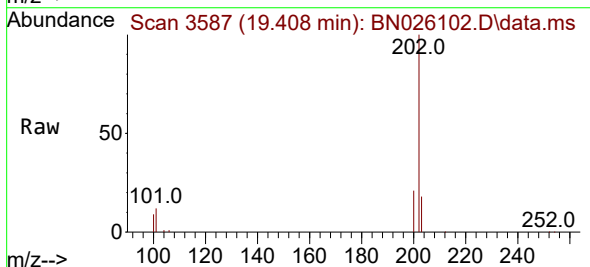
Tgt Ion:202 Resp: 88743

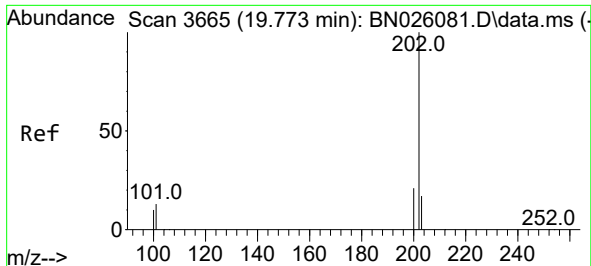
Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

100 8.9 7.3 10.9

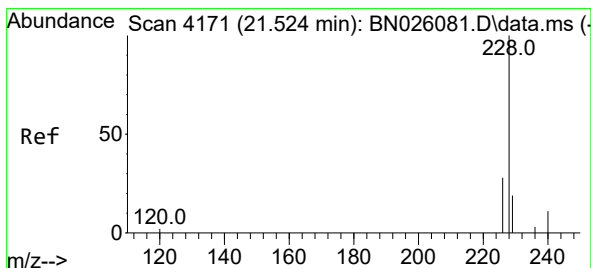
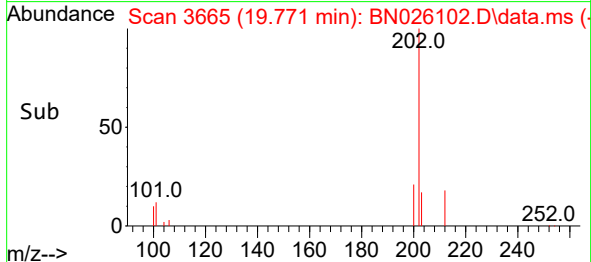
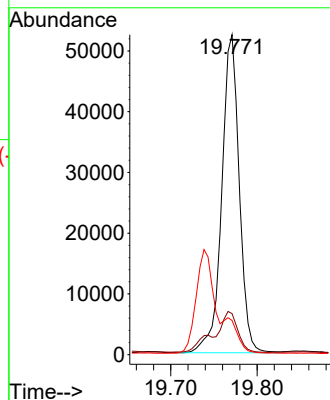
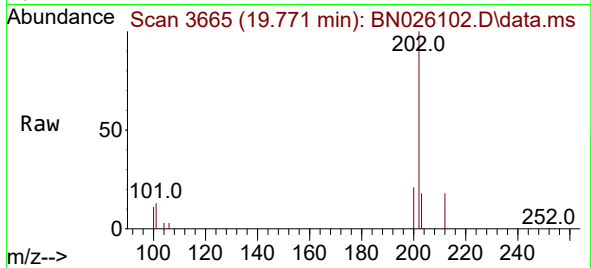




#20
Pyrene
Concen: 0.877 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

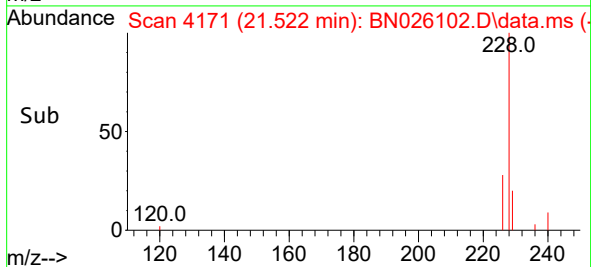
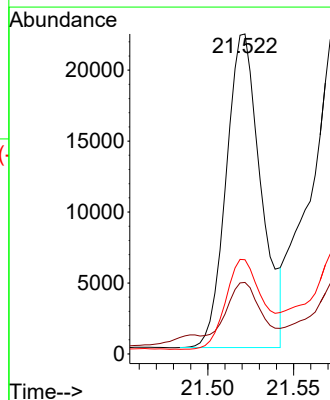
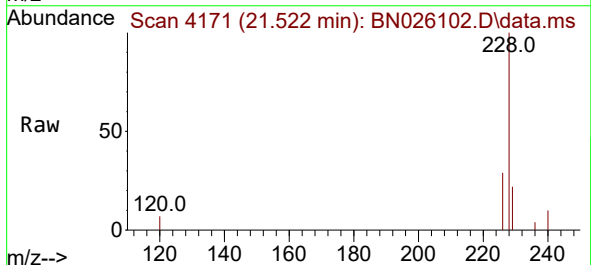
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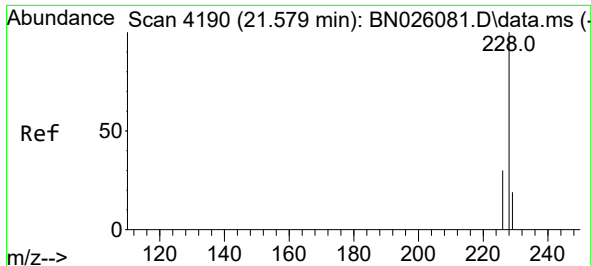
Tgt Ion:202 Resp: 73944
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.497 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

Tgt Ion:228 Resp: 31102
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 29.4 22.5 33.7





#22

Chrysene

Concen: 0.679 ng/ul

RT: 21.577 min Scan# 41

Delta R.T. -0.001 min

Lab File: BN026102.D

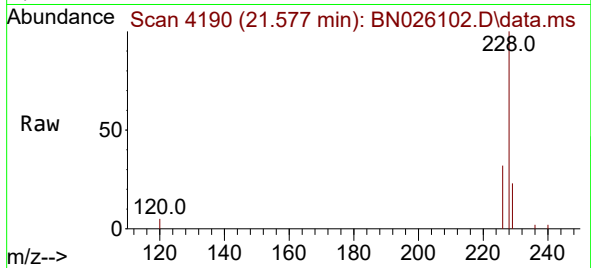
Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5



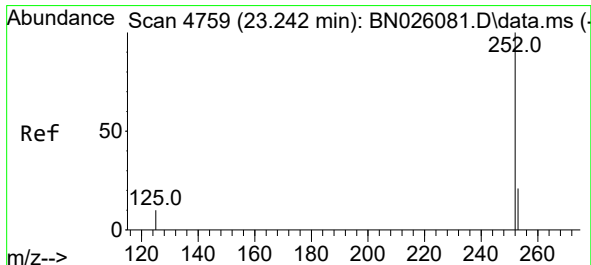
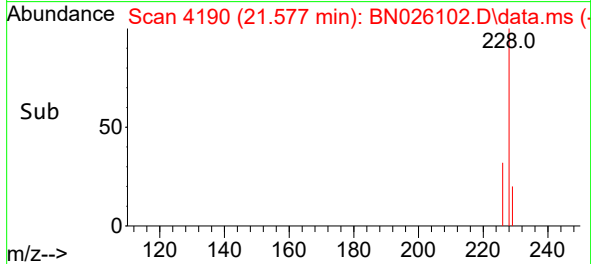
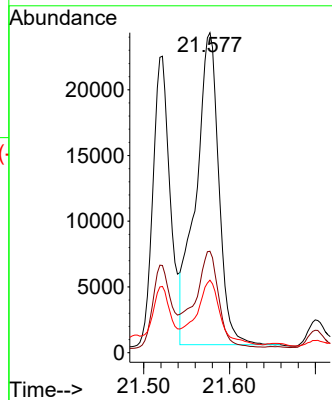
Tgt Ion:228 Resp: 44246

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

229 22.6 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 1.328 ng/ul

RT: 23.243 min Scan# 4760

Delta R.T. -0.010 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

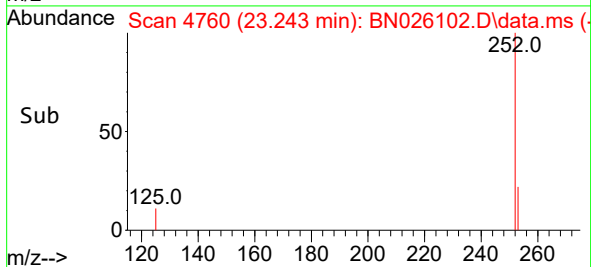
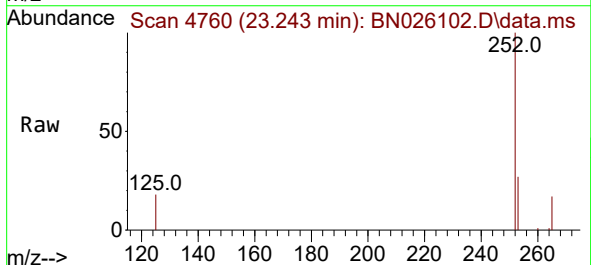
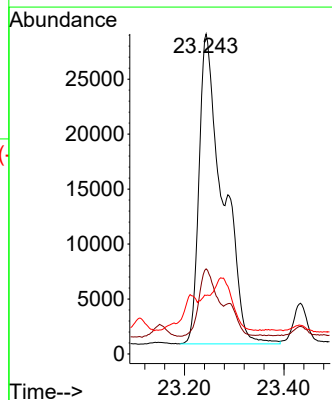
Tgt Ion:252 Resp: 93011

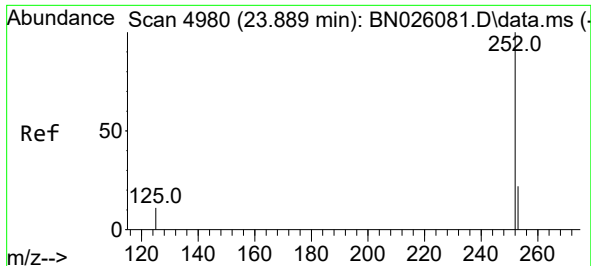
Ion Ratio Lower Upper

252 100

253 26.6 0.0 55.6

125 18.3 0.0 35.8

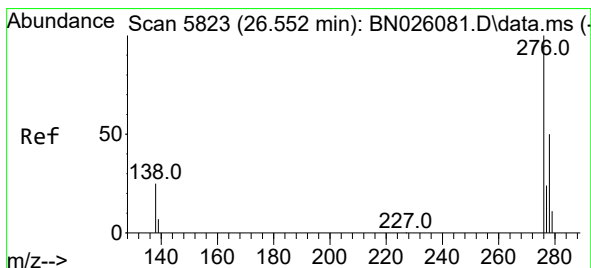
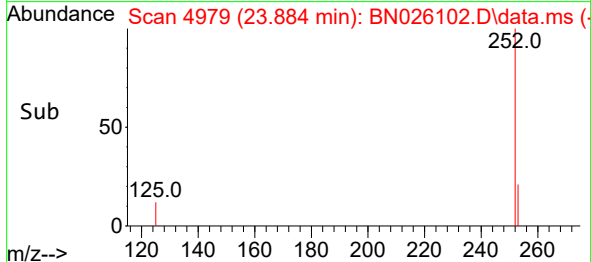
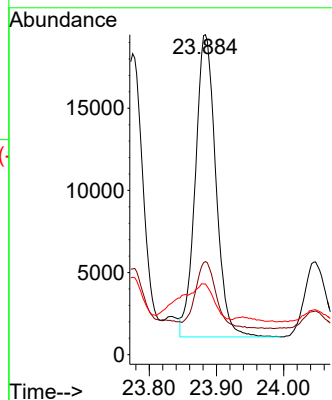
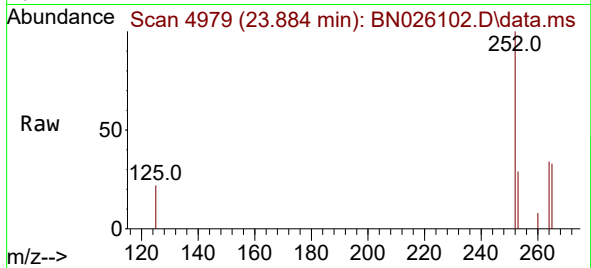




#26
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.022 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

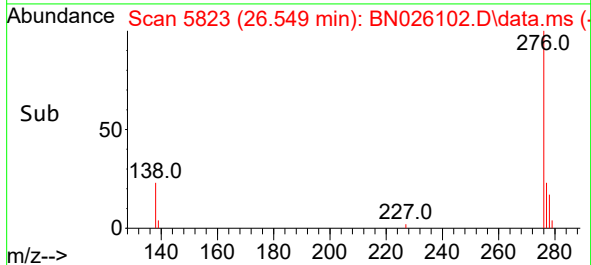
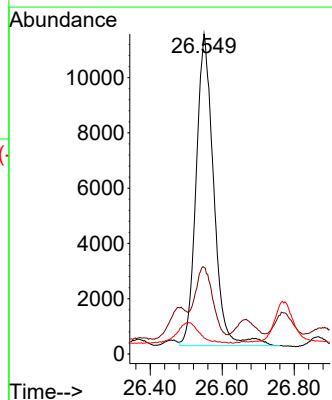
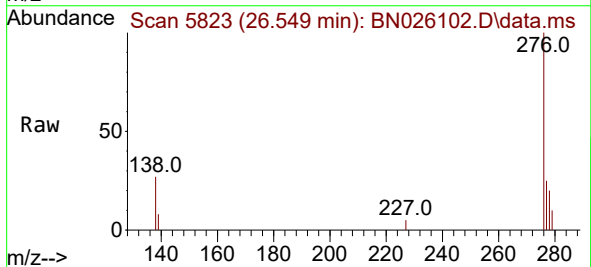
Instrument :
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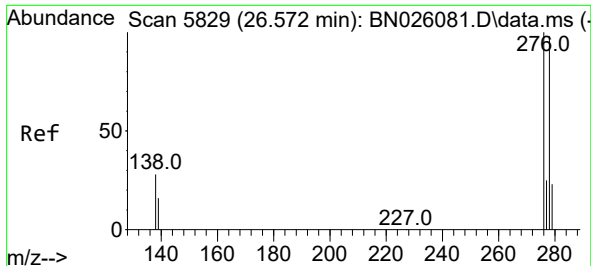
Tgt Ion:252 Resp: 38998
Ion Ratio Lower Upper
252 100
253 29.1 26.0 39.0
125 22.1 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.573 ng/ul
RT: 26.549 min Scan# 5823
Delta R.T. -0.045 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

Tgt Ion:276 Resp: 38035
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.167 ng/ul

RT: 26.556 min Scan# 51

Delta R.T. -0.058 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5

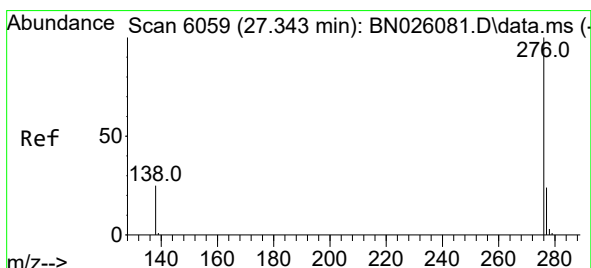
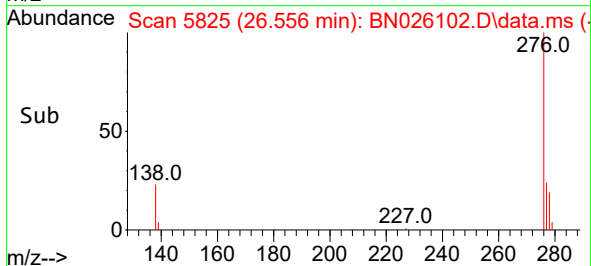
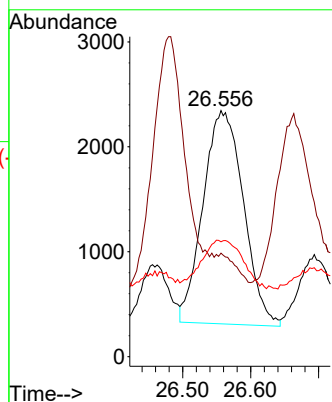
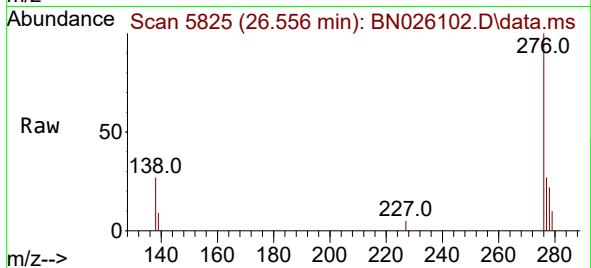
Tgt Ion:278 Resp: 8385

Ion Ratio Lower Upper

278 100

139 42.1 19.0 28.4#

279 46.6 26.7 40.1#



#29

Benzo(g,h,i)perylene

Concen: 0.575 ng/ul

RT: 27.344 min Scan# 6060

Delta R.T. -0.042 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

Tgt Ion:276 Resp: 33970

Ion Ratio Lower Upper

276 100

138 34.3 23.4 35.0

277 26.1 20.0 30.0

