

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026002.D
 Acq On : 24 Jun 2023 12:34
 Operator : MA/JU
 Sample : 03085-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ3

Quant Time: Jun 24 23:49:11 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

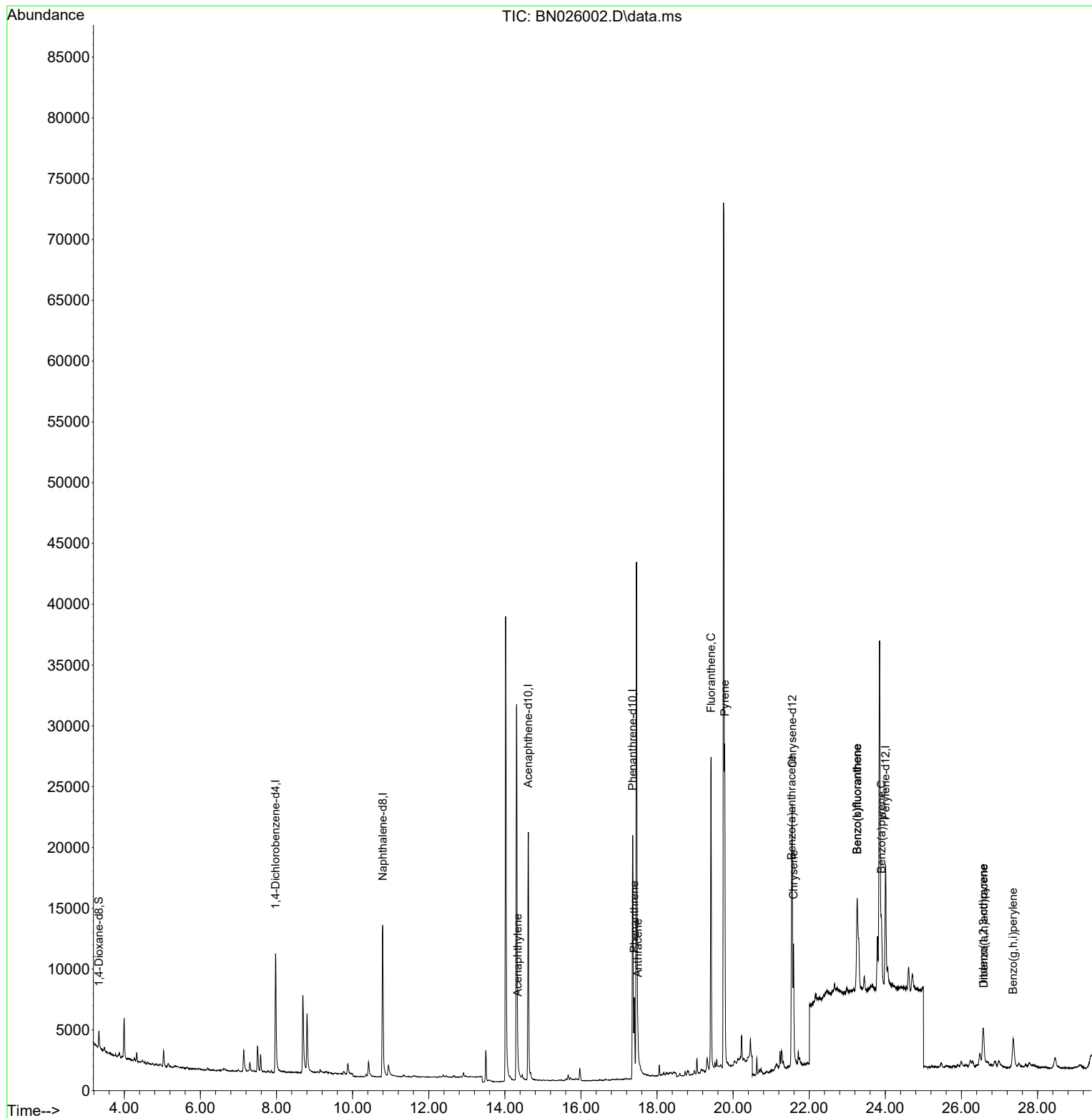
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	20137	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	12305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	26494	0.400	ng/ul	0.00
17) Chrysene-d12	21.551	240	18251	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	15000	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1118	0.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	330	0.011	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	863	0.012	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.338	152	1283	0.022	ng/ul#	76
15) Phenanthrene	17.401	178	7288	0.083	ng/ul	95
16) Anthracene	17.494	178	1590	0.020	ng/ul#	72
19) Fluoranthene	19.418	202	24047	0.247	ng/ul	99
20) Pyrene	19.780	202	20647	0.204	ng/ul	99
21) Benzo(a)anthracene	21.534	228	9224	0.123	ng/ul#	93
22) Chrysene	21.586	228	10768	0.137	ng/ul#	92
24) Benzo(b)fluoranthene	23.258	252	19710	0.308	ng/ul	74
25) Benzo(k)fluoranthene	23.258	252	15240	0.237	ng/ul#	77
26) Benzo(a)pyrene	23.898	252	7974	0.143	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.573	276	6197	0.102	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.583	278	1538	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	27.358	276	5841	0.108	ng/ul#	79

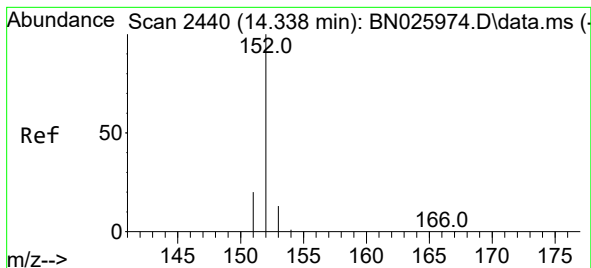
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

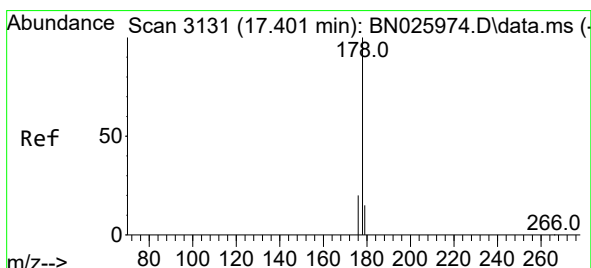
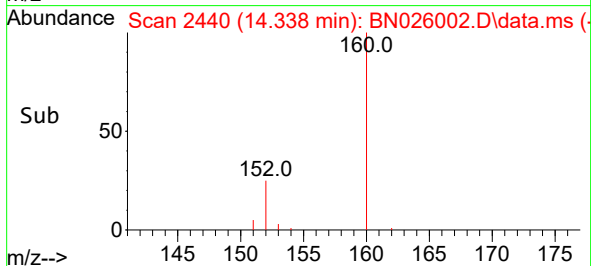
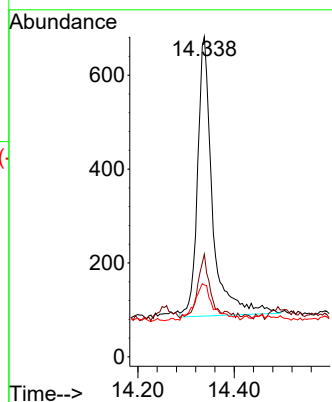
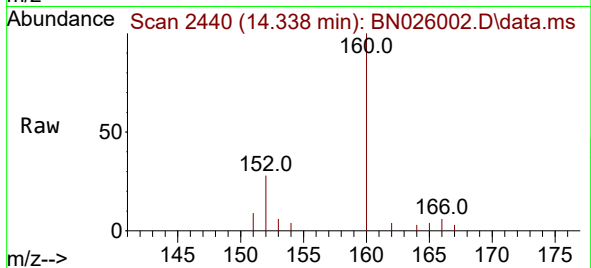
Tgt Ion:152 Resp: 1283

Ion Ratio Lower Upper

152 100

151 32.1 16.2 24.4#

153 22.4 10.9 16.3#



#15

Phenanthrene

Concen: 0.083 ng/ul

RT: 17.401 min Scan# 3131

Delta R.T. -0.005 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

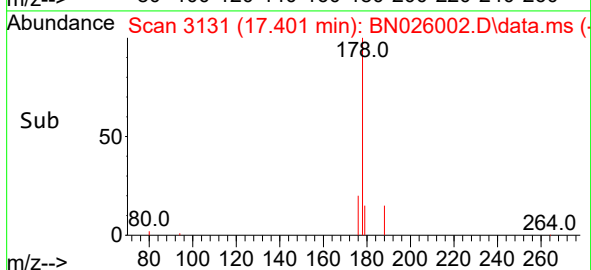
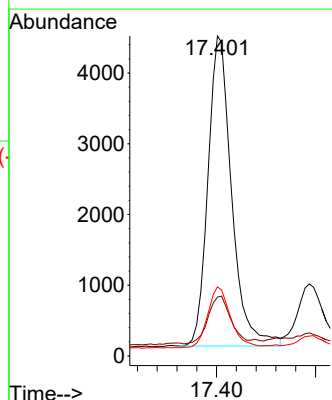
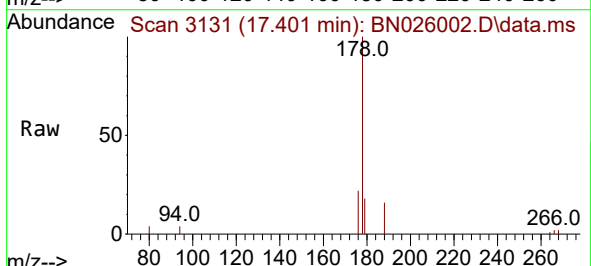
Tgt Ion:178 Resp: 7288

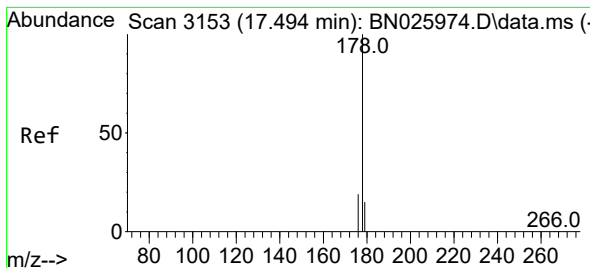
Ion Ratio Lower Upper

178 100

179 18.4 12.6 19.0

176 21.6 15.8 23.6





#16

Anthracene

Concen: 0.020 ng/ul

RT: 17.494 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

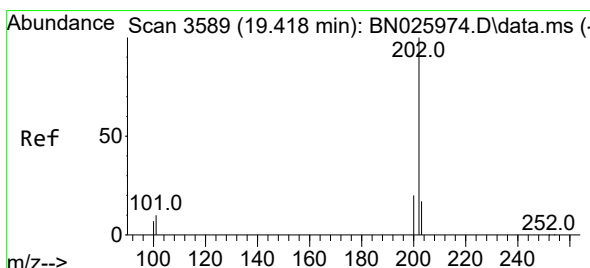
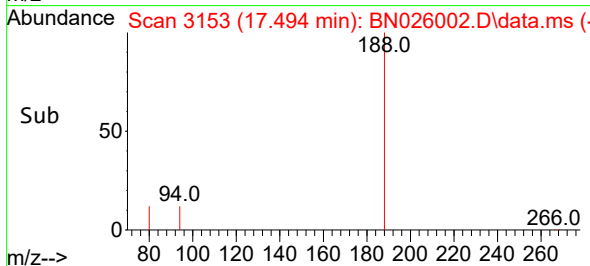
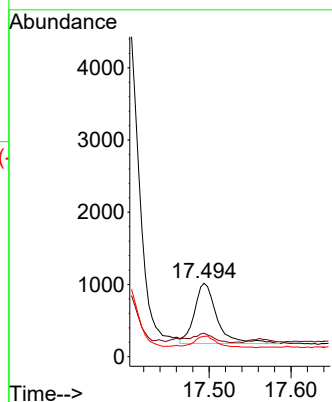
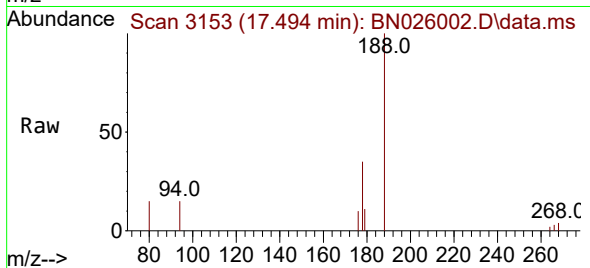
Tgt Ion:178 Resp: 1590

Ion Ratio Lower Upper

178 100

179 32.0 12.6 18.8#

176 27.6 15.1 22.7#



#19

Fluoranthene

Concen: 0.247 ng/ul

RT: 19.418 min Scan# 3589

Delta R.T. -0.001 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

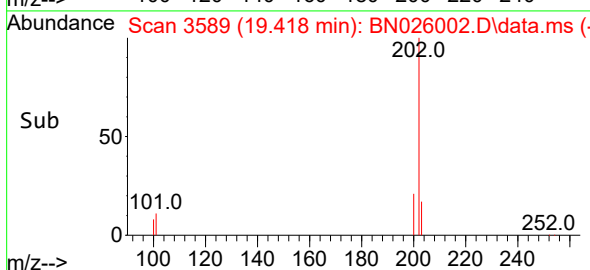
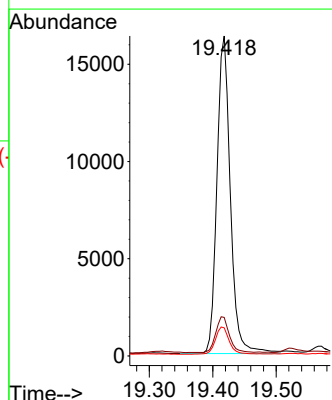
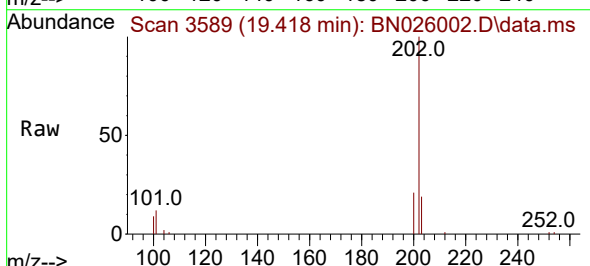
Tgt Ion:202 Resp: 24047

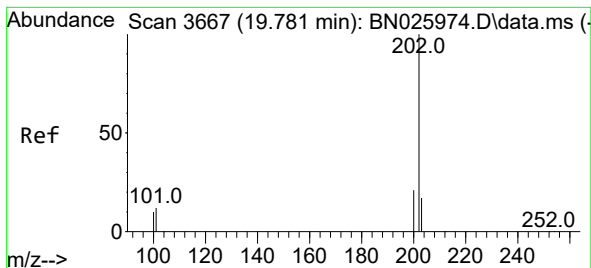
Ion Ratio Lower Upper

202 100

101 12.1 9.5 14.3

100 8.8 7.3 10.9





#20

Pyrene

Concen: 0.204 ng/ul

RT: 19.780 min Scan# 3

Delta R.T. -0.001 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

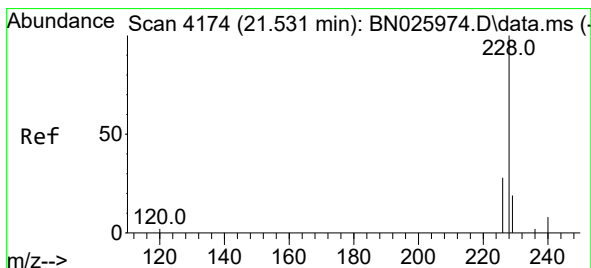
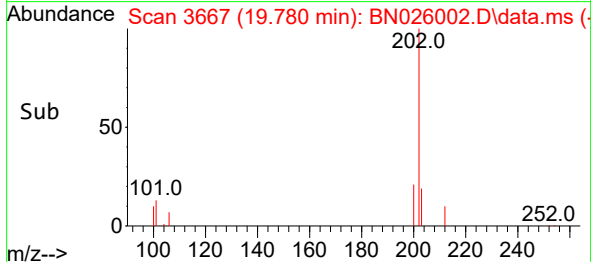
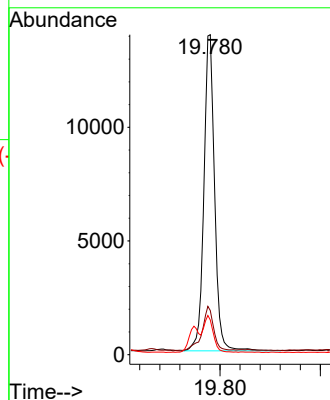
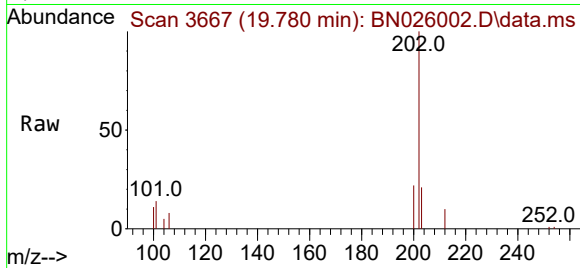
Tgt Ion:202 Resp: 20647

Ion Ratio Lower Upper

202 100

101 13.8 11.4 17.0

100 10.9 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.123 ng/ul

RT: 21.534 min Scan# 4175

Delta R.T. 0.002 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

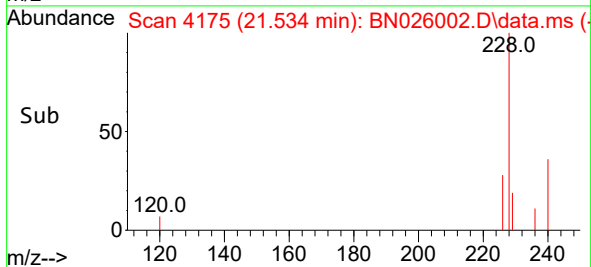
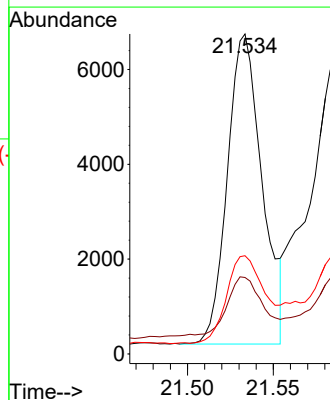
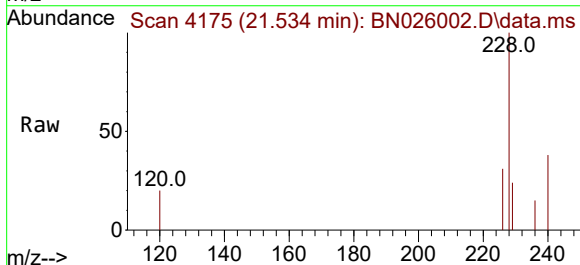
Tgt Ion:228 Resp: 9224

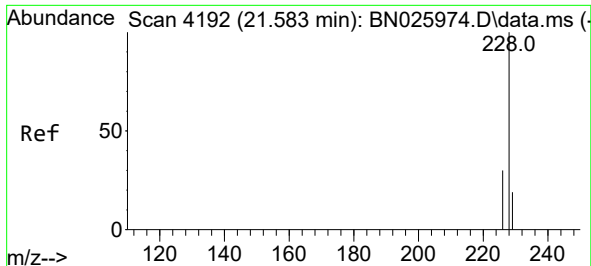
Ion Ratio Lower Upper

228 100

229 23.9 15.8 23.6#

226 30.7 22.5 33.7





#22

Chrysene

Concen: 0.137 ng/ul

RT: 21.586 min Scan# 4192

Delta R.T. 0.002 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

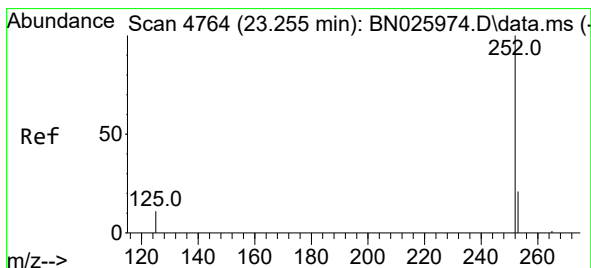
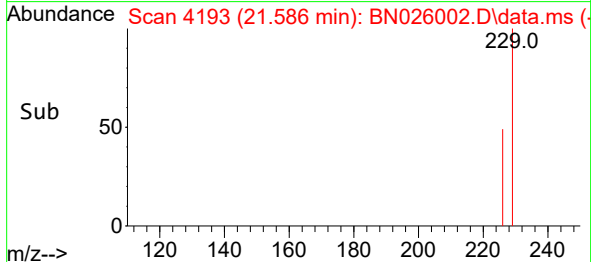
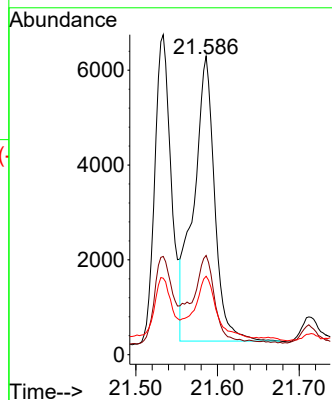
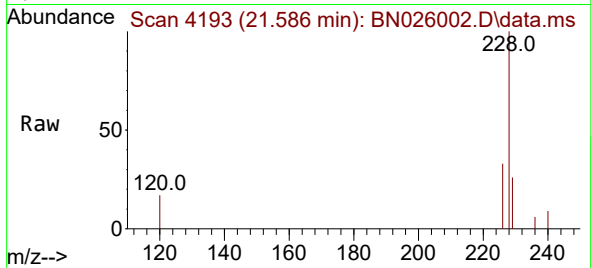
Tgt Ion:228 Resp: 10768

Ion Ratio Lower Upper

228 100

226 33.2 24.8 37.2

229 26.3 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.308 ng/ul

RT: 23.258 min Scan# 4765

Delta R.T. 0.002 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

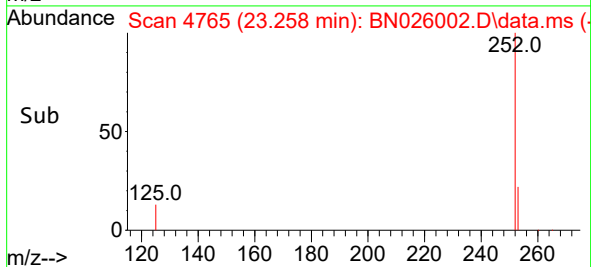
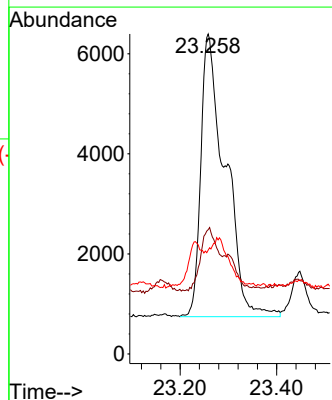
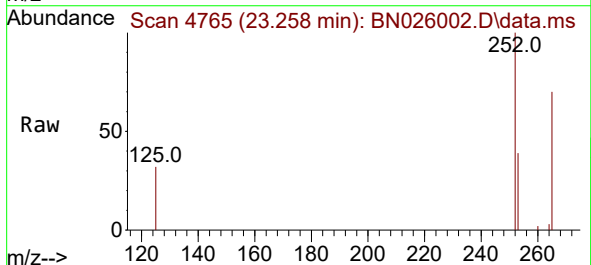
Tgt Ion:252 Resp: 19710

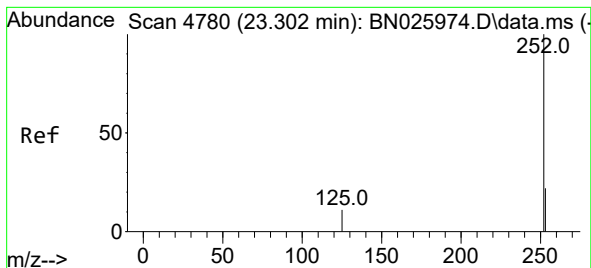
Ion Ratio Lower Upper

252 100

253 38.9 0.0 55.6

125 32.5 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.237 ng/ul

RT: 23.258 min Scan# 41

Delta R.T. -0.051 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

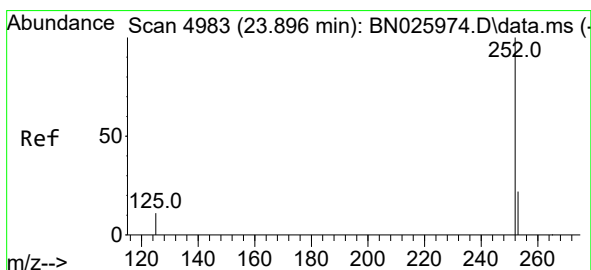
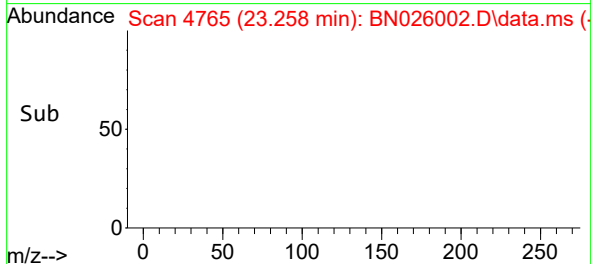
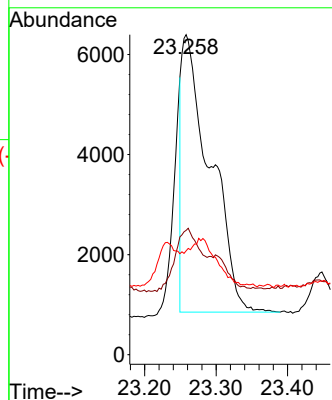
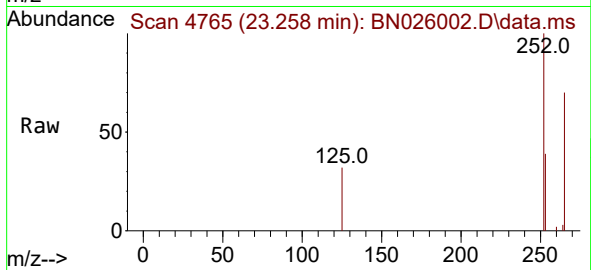
Tgt Ion:252 Resp: 15240

Ion Ratio Lower Upper

252 100

253 38.9 23.2 34.8#

125 32.5 15.0 22.4#



#26

Benzo(a)pyrene

Concen: 0.143 ng/ul

RT: 23.898 min Scan# 4984

Delta R.T. -0.010 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

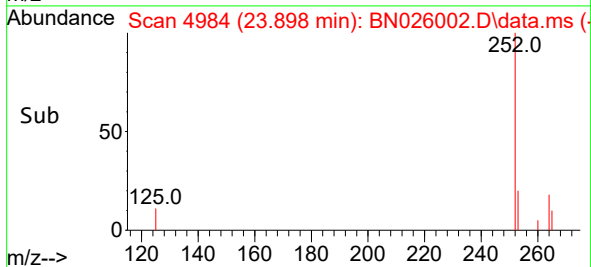
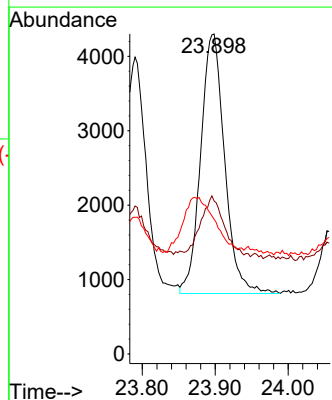
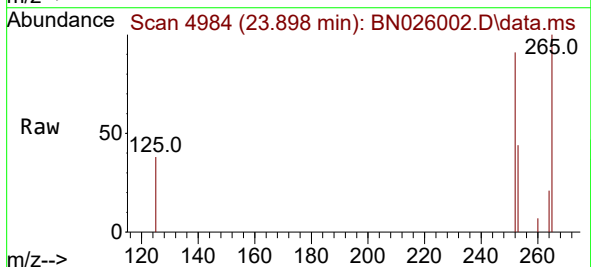
Tgt Ion:252 Resp: 7974

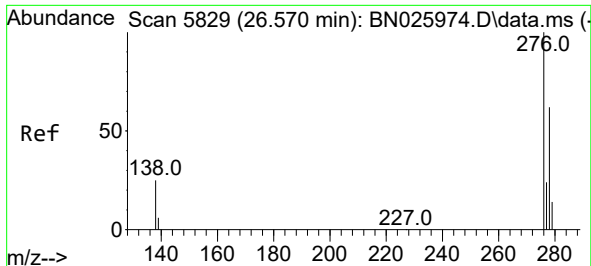
Ion Ratio Lower Upper

252 100

253 47.8 26.0 39.0#

125 42.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.102 ng/ul

RT: 26.573 min Scan# 5829

Delta R.T. -0.021 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFQ3

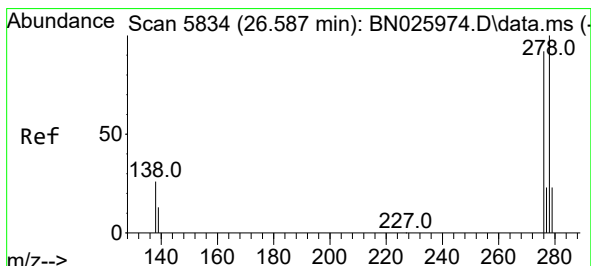
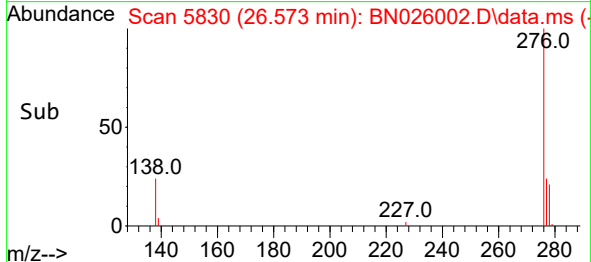
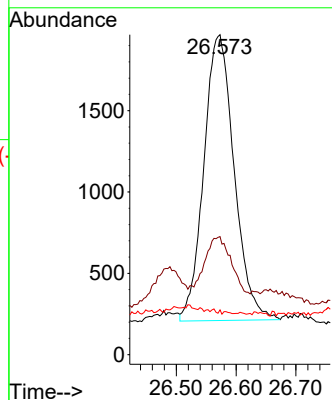
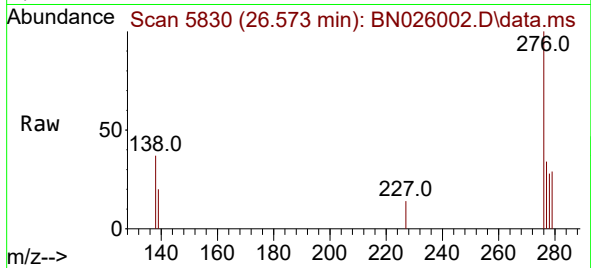
Tgt Ion:276 Resp: 6197

Ion Ratio Lower Upper

276 100

138 18.5 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 26.583 min Scan# 5833

Delta R.T. -0.038 min

Lab File: BN026002.D

Acq: 24 Jun 2023 12:34

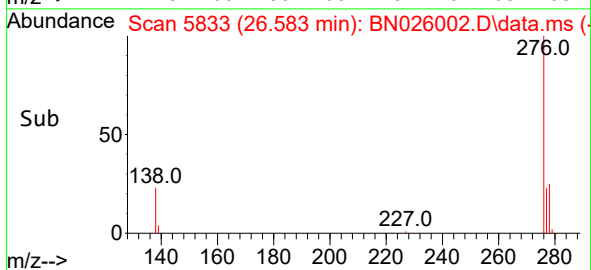
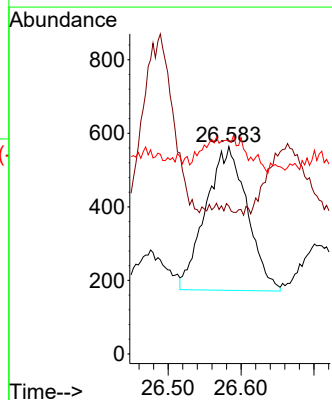
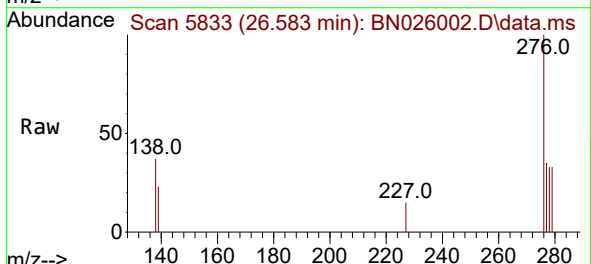
Tgt Ion:278 Resp: 1538

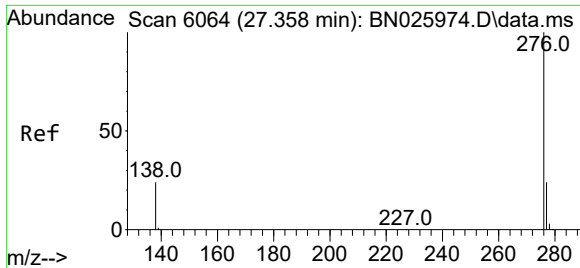
Ion Ratio Lower Upper

278 100

139 71.3 19.0 28.4#

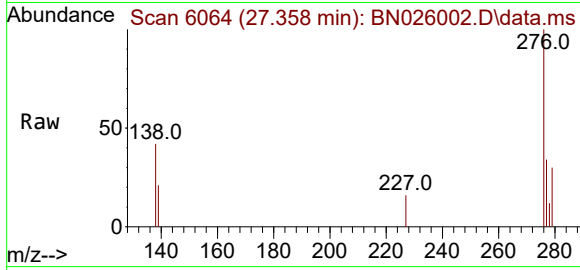
279 102.7 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.108 ng/ul
RT: 27.358 min Scan# 6064
Delta R.T. -0.028 min
Lab File: BN026002.D
Acq: 24 Jun 2023 12:34

Instrument :
BNA_N
ClientSampleId :
DCFQ3



Tgt Ion:276 Resp: 5841
Ion Ratio Lower Upper
276 100
138 41.6 23.4 35.0#
277 34.1 20.0 30.0#

