

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025803.D
 Acq On : 13 Jun 2023 13:06
 Operator : MA/JU
 Sample : 02960-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6DL

Quant Time: Jun 13 23:16:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

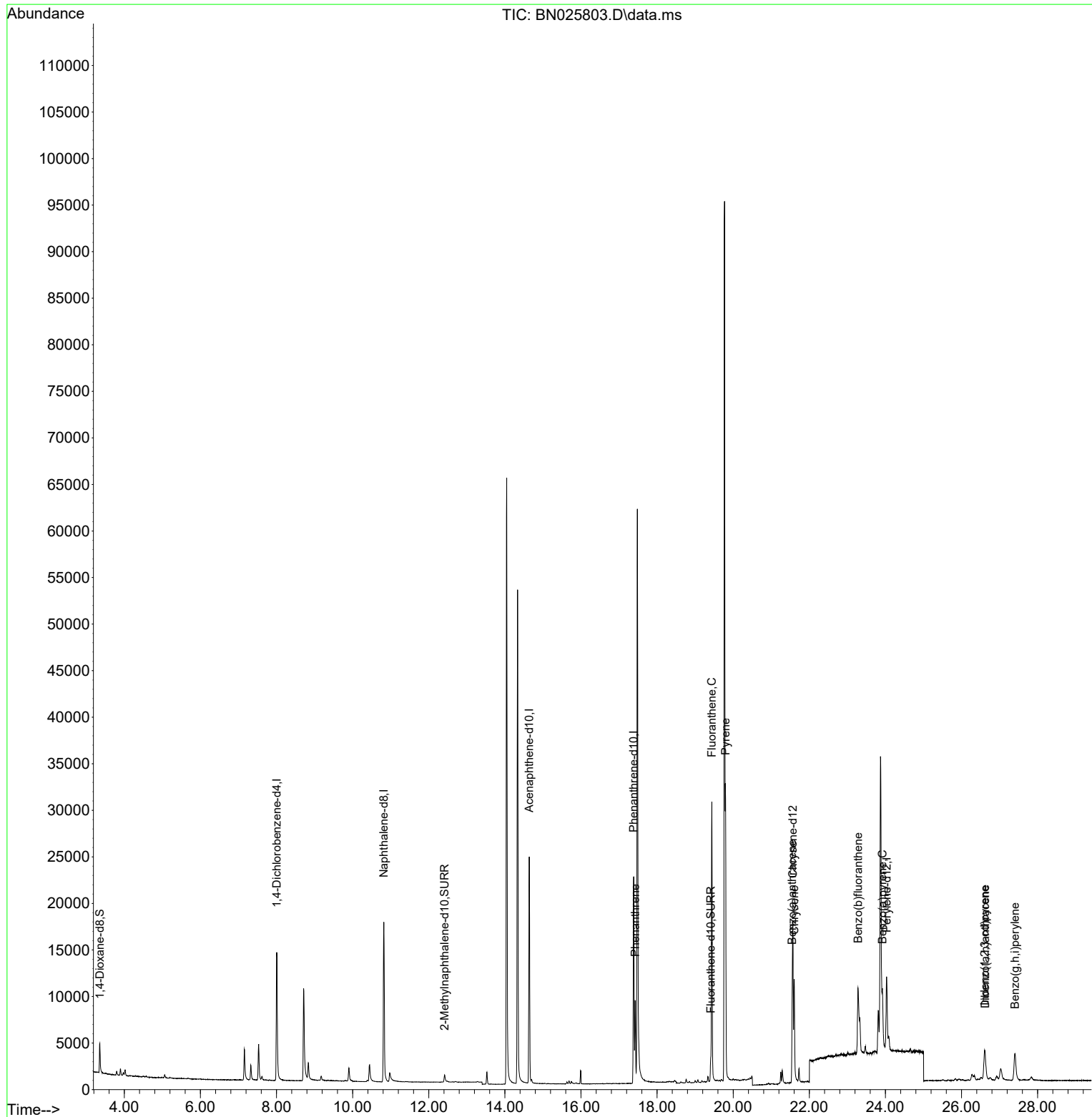
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	25104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	27330	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	13987	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	11851	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	2257	0.269	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.414	152	1421	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	2675	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.427	178	9649	0.121	ng/ul	98
19) Fluoranthene	19.438	202	27101	0.424	ng/ul	99
20) Pyrene	19.800	202	25928	0.391	ng/ul	100
21) Benzo(a)anthracene	21.549	228	8280	0.186	ng/ul	97
22) Chrysene	21.602	228	12264	0.240	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	18984	0.392	ng/ul	82
26) Benzo(a)pyrene	23.920	252	8204	0.200	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.608	276	6578	0.140	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.621	278	1430	0.040	ng/ul#	9
29) Benzo(g,h,i)perylene	27.403	276	7067	0.168	ng/ul	93

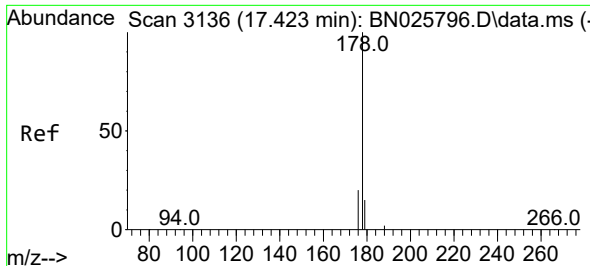
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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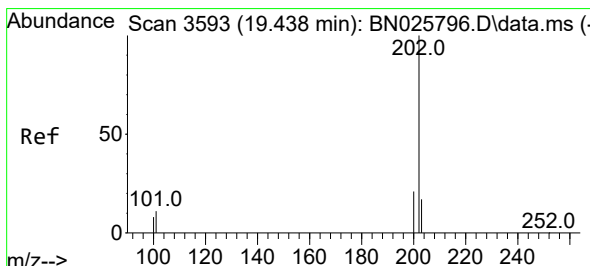
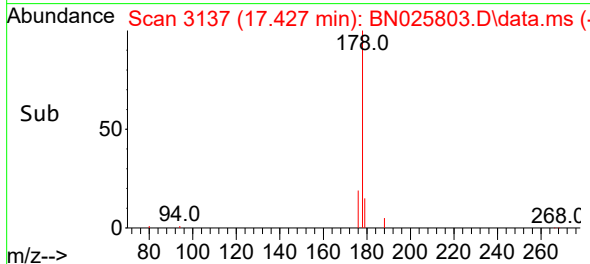
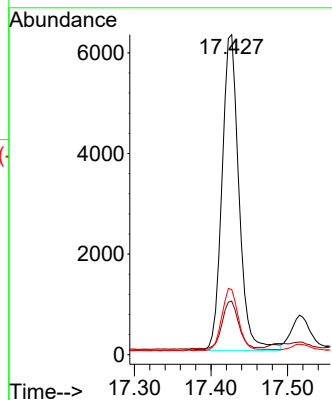
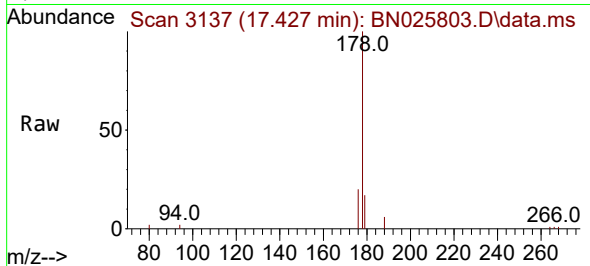




#15
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

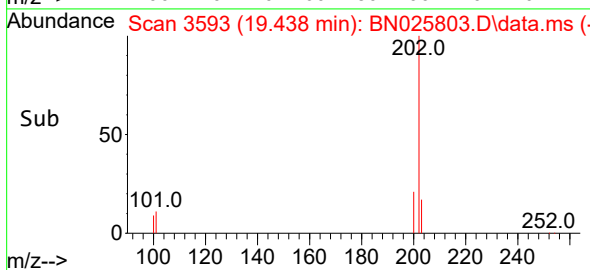
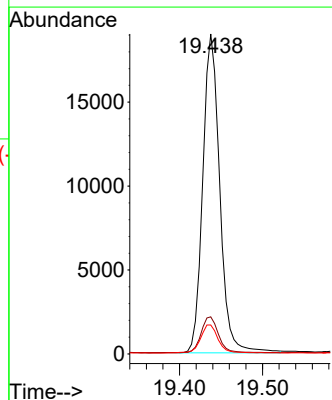
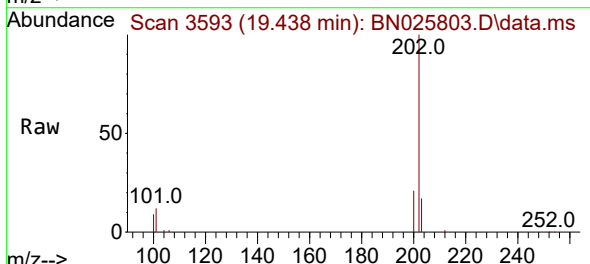
Instrument :
BNA_N
ClientSampleId :
H0FN6DL

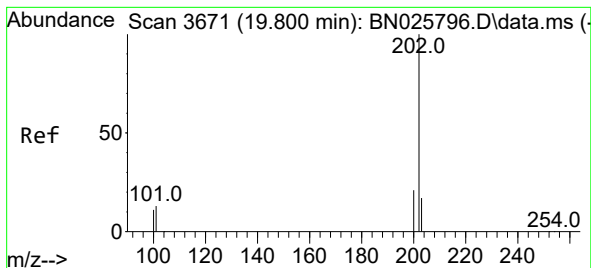
Tgt Ion:178 Resp: 9649
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 20.3 15.8 23.8



#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:202 Resp: 27101
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 9.1 7.0 10.6





#20

Pyrene

Concen: 0.391 ng/ul

RT: 19.800 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

Instrument :

BNA_N

ClientSampleId :

H0FN6DL

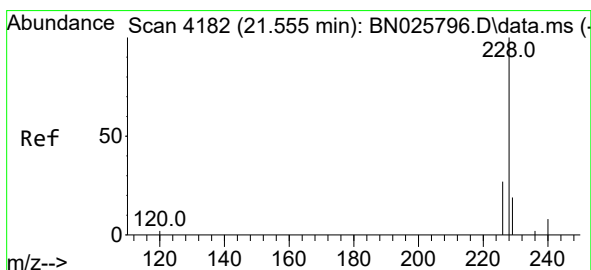
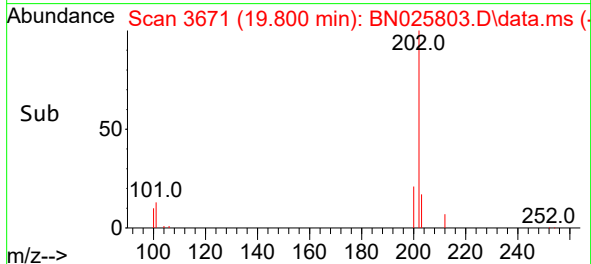
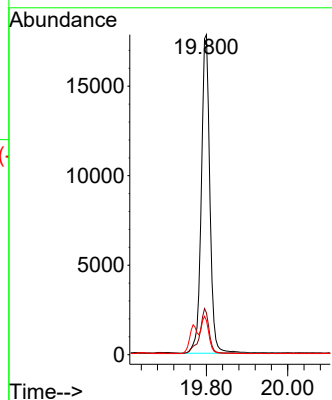
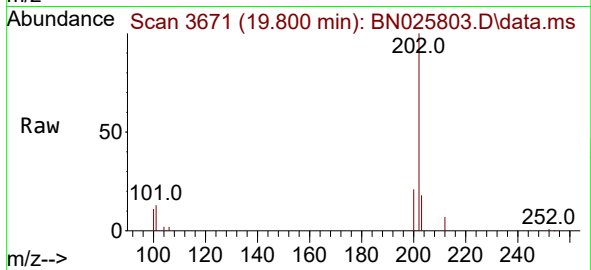
Tgt Ion:202 Resp: 25928

Ion Ratio Lower Upper

202 100

101 13.1 10.4 15.6

100 10.7 8.8 13.2



#21

Benzo(a)anthracene

Concen: 0.186 ng/ul

RT: 21.549 min Scan# 4180

Delta R.T. -0.003 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

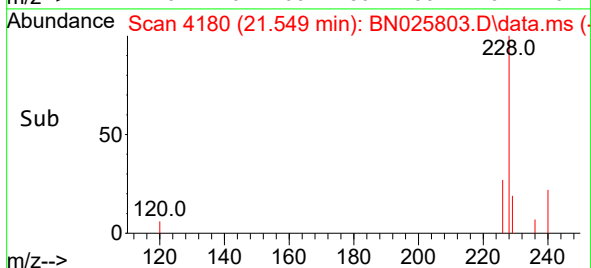
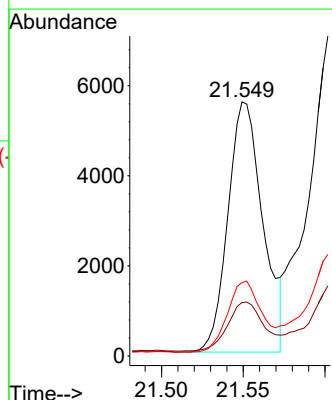
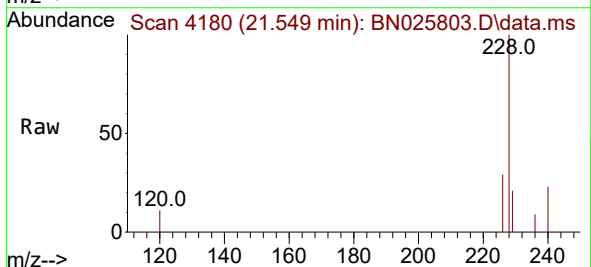
Tgt Ion:228 Resp: 8280

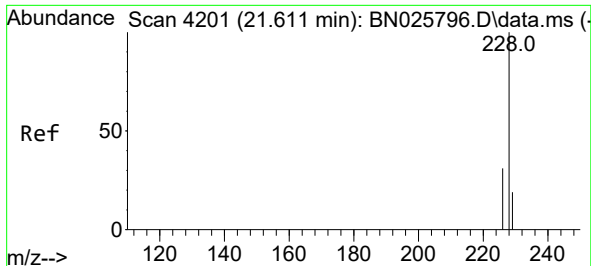
Ion Ratio Lower Upper

228 100

229 21.0 15.5 23.3

226 28.9 22.0 33.0





#22

Chrysene

Concen: 0.240 ng/ul

RT: 21.602 min Scan# 4198

Delta R.T. -0.006 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

Instrument :

BNA_N

ClientSampleId :

H0FN6DL

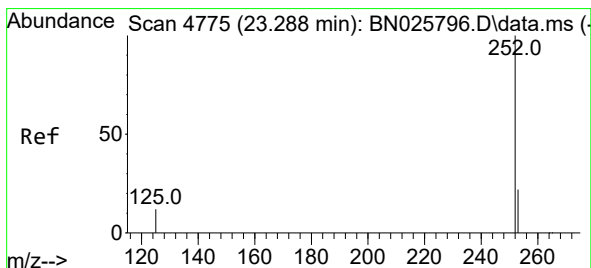
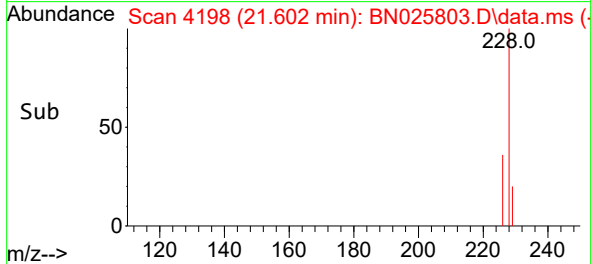
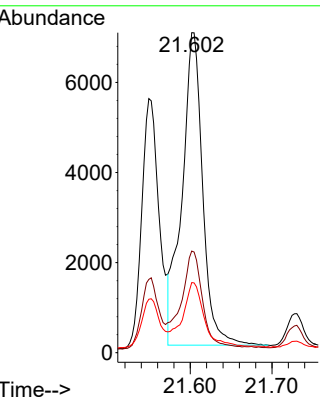
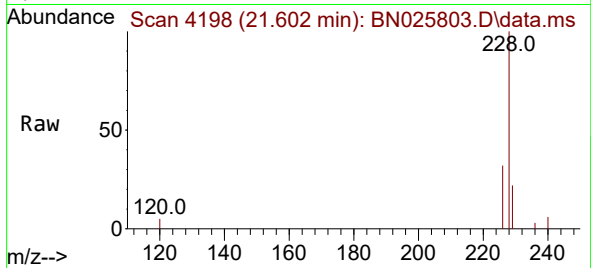
Tgt Ion:228 Resp: 12264

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

229 21.9 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.392 ng/ul

RT: 23.280 min Scan# 4772

Delta R.T. -0.011 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

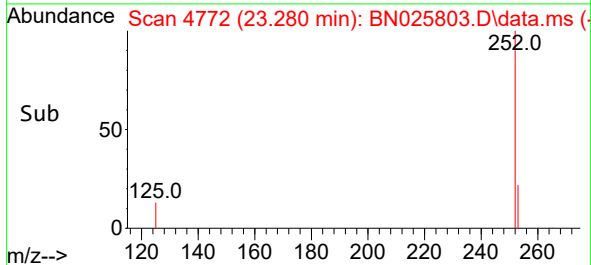
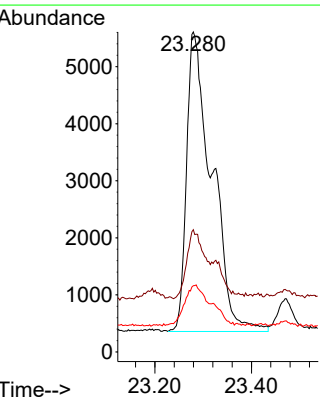
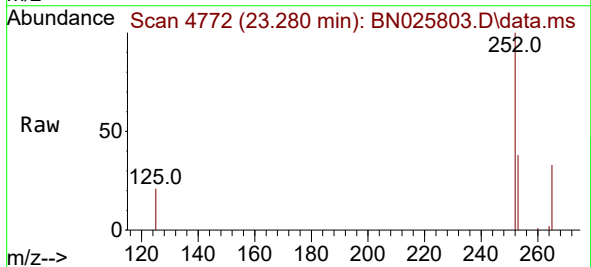
Tgt Ion:252 Resp: 18984

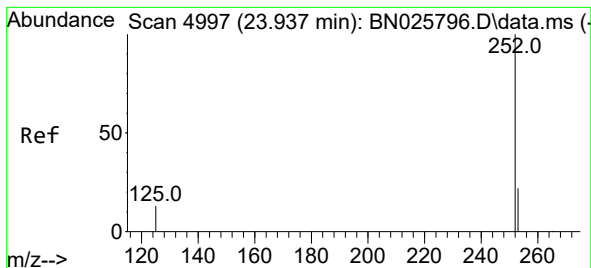
Ion Ratio Lower Upper

252 100

253 38.2 0.0 56.0

125 20.7 0.0 28.0





#26

Benzo(a)pyrene

Concen: 0.200 ng/ul

RT: 23.920 min Scan# 4997

Delta R.T. -0.023 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

Instrument :

BNA_N

ClientSampleId :

H0FN6DL

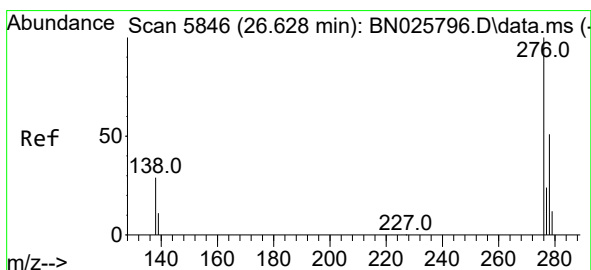
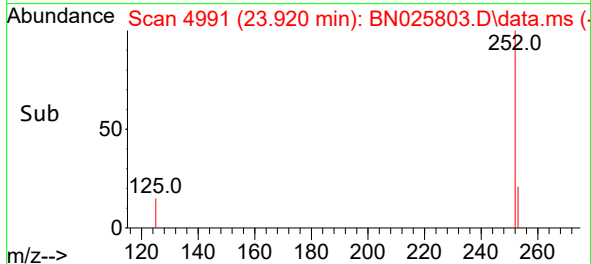
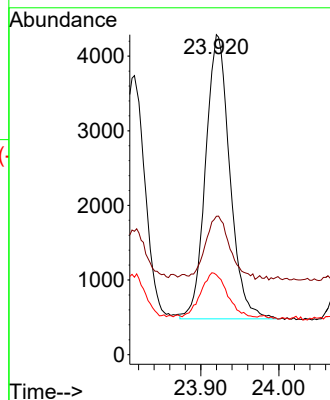
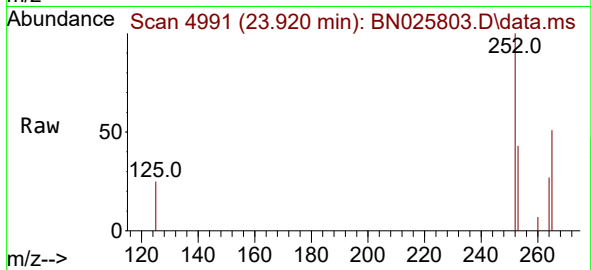
Tgt Ion:252 Resp: 8204

Ion Ratio Lower Upper

252 100

253 43.2 25.8 38.8#

125 24.9 13.5 20.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.140 ng/ul

RT: 26.608 min Scan# 5840

Delta R.T. -0.050 min

Lab File: BN025803.D

Acq: 13 Jun 2023 13:06

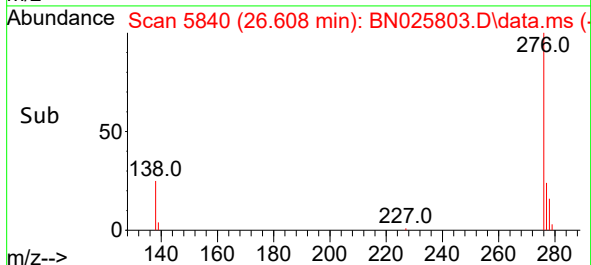
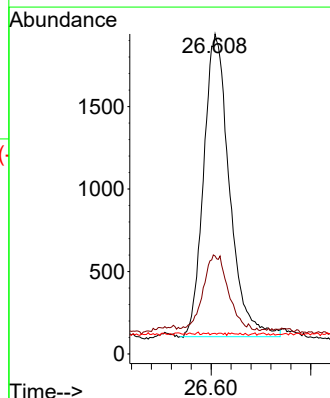
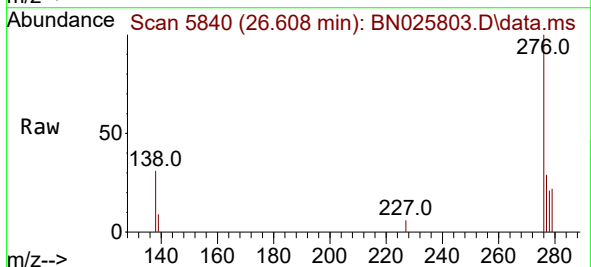
Tgt Ion:276 Resp: 6578

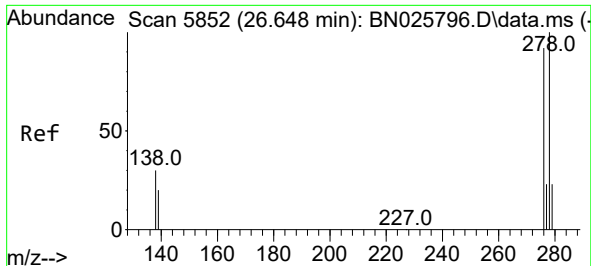
Ion Ratio Lower Upper

276 100

138 24.6 24.6 36.8

227 0.1 0.0 0.0#

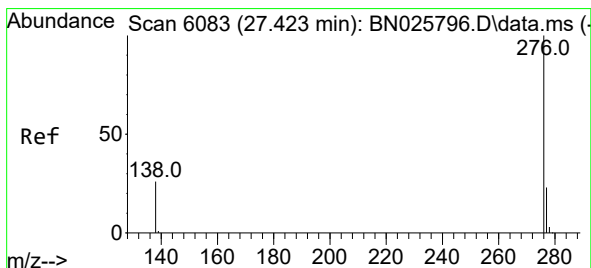
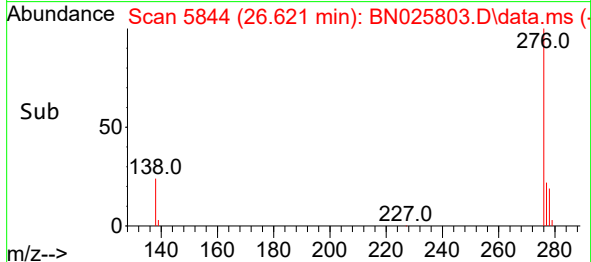
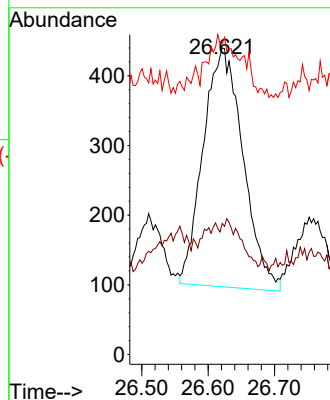
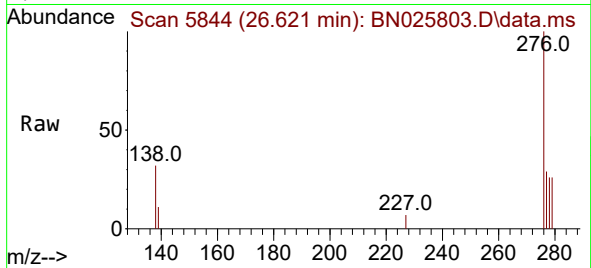




#28
 Dibenzo(a,h)anthracene
 Concen: 0.040 ng/ul
 RT: 26.621 min Scan# 5844
 Delta R.T. -0.064 min
 Lab File: BN025803.D
 Acq: 13 Jun 2023 13:06

Instrument :
 BNA_N
 ClientSampleId :
 H0FN6DL

Tgt Ion:278 Resp: 1430
 Ion Ratio Lower Upper
 278 100
 139 42.7 17.9 26.9#
 279 101.4 25.3 37.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.168 ng/ul
 RT: 27.403 min Scan# 6077
 Delta R.T. -0.046 min
 Lab File: BN025803.D
 Acq: 13 Jun 2023 13:06

Tgt Ion:276 Resp: 7067
 Ion Ratio Lower Upper
 276 100
 138 31.4 21.8 32.8
 277 27.7 19.4 29.2

