

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025801.D
 Acq On : 13 Jun 2023 11:54
 Operator : MA/JU
 Sample : 02960-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 13 23:16:17 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)

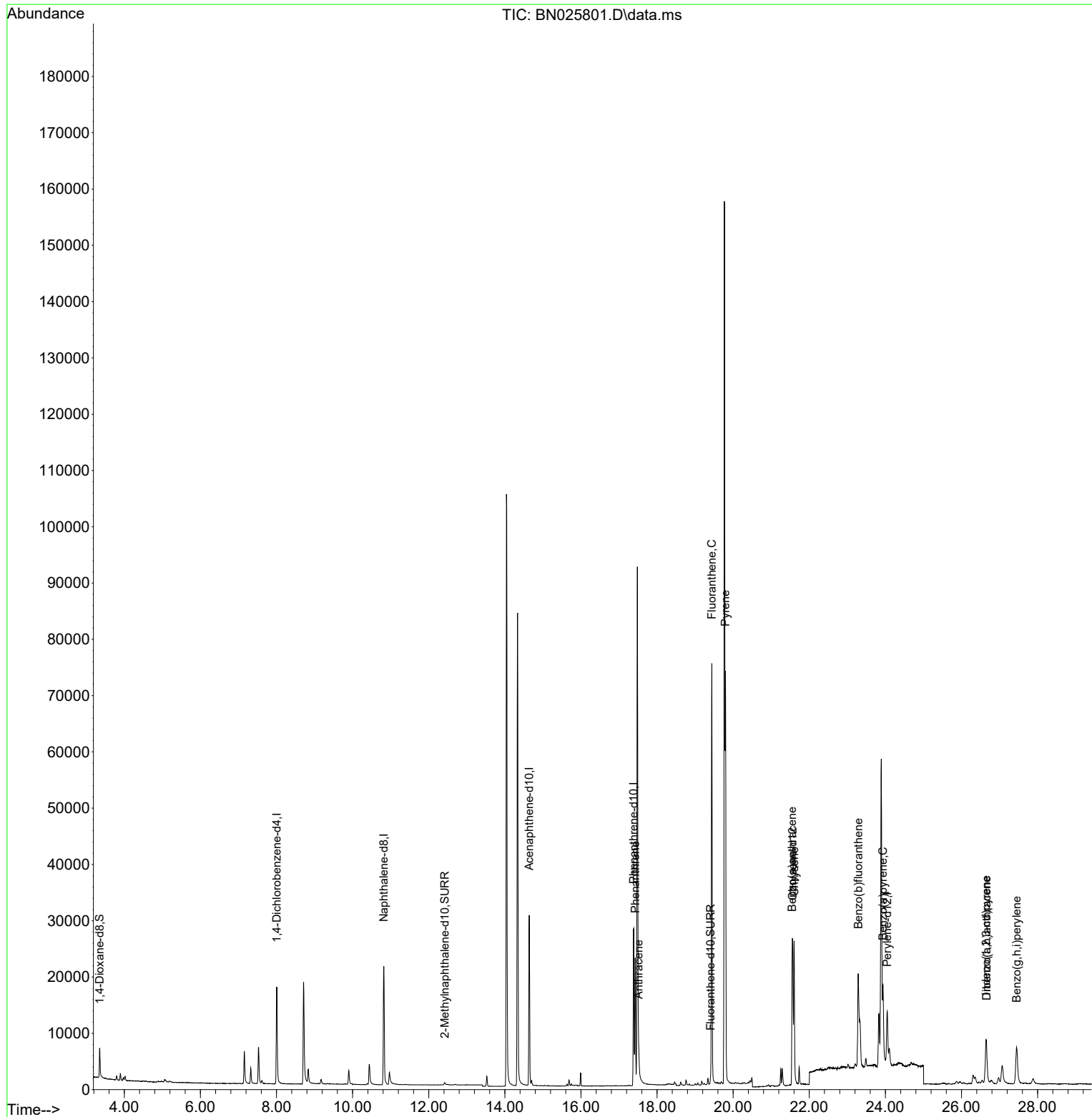
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	10272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	30663	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	17166	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	33721	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	17585	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	13745	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3522	0.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.420	152	826	0.021	ng/ul	0.01
18) Fluoranthene-d10	19.406	212	1608	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.424	178	24272	0.247	ng/ul	100
16) Anthracene	17.517	178	3595	0.043	ng/ul#	88
19) Fluoranthene	19.439	202	65394	0.813	ng/ul	99
20) Pyrene	19.796	202	60650	0.728	ng/ul	98
21) Benzo(a)anthracene	21.547	228	19428	0.346	ng/ul	98
22) Chrysene	21.603	228	27799	0.434	ng/ul	98
24) Benzo(b)fluoranthene	23.286	252	40648	0.723	ng/ul	96
26) Benzo(a)pyrene	23.938	252	18034	0.378	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.646	276	14455	0.266	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.659	278	3203	0.078	ng/ul#	65
29) Benzo(g,h,i)perylene	27.447	276	15012	0.308	ng/ul	97

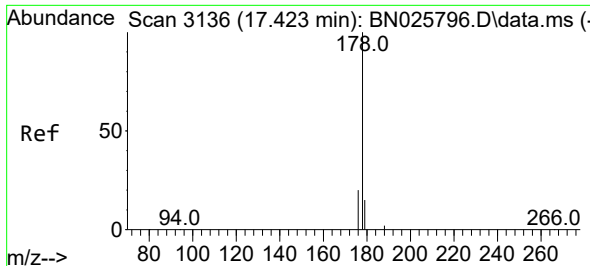
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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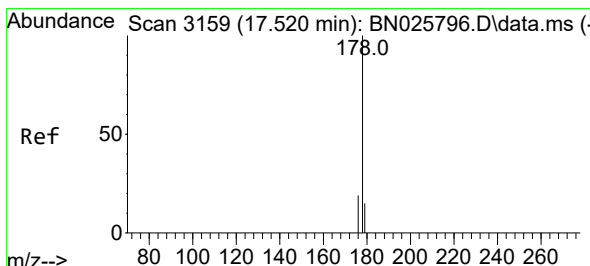
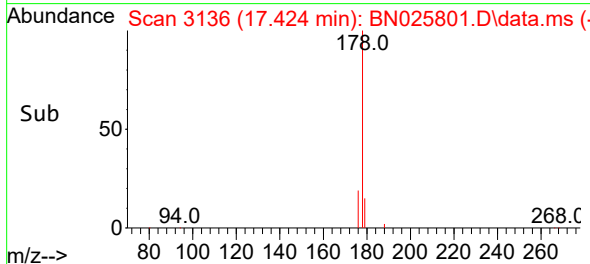
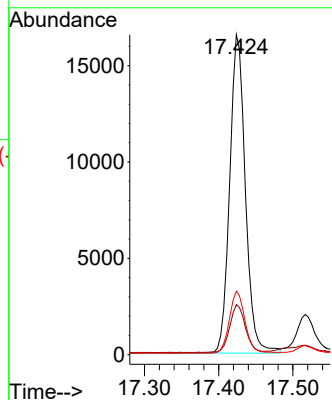
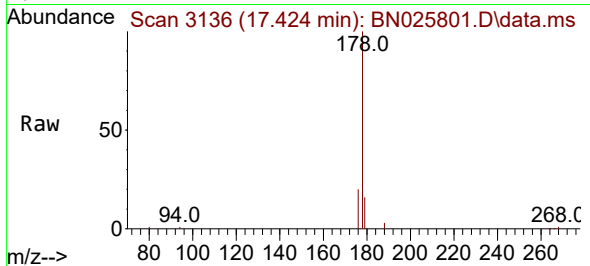




#15
 Phenanthrene
 Concen: 0.247 ng/ul
 RT: 17.424 min Scan# 3136
 Delta R.T. -0.007 min
 Lab File: BN025801.D
 Acq: 13 Jun 2023 11:54

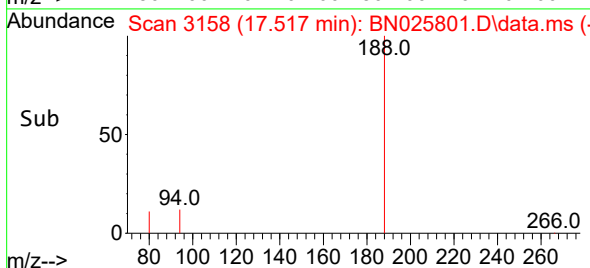
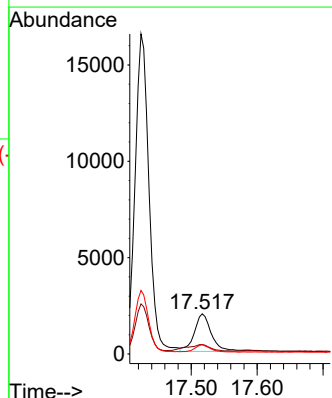
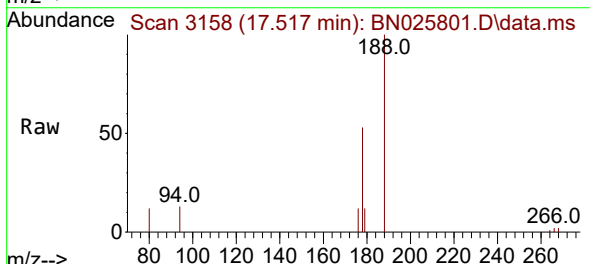
Instrument :
 BNA_N
 ClientSampleId :

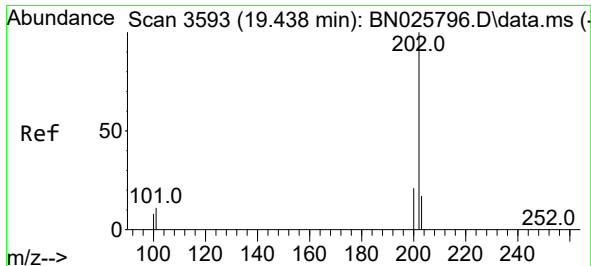
Tgt Ion:178 Resp: 24272
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 18.8
 176 19.8 15.8 23.8



#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.517 min Scan# 3158
 Delta R.T. -0.007 min
 Lab File: BN025801.D
 Acq: 13 Jun 2023 11:54

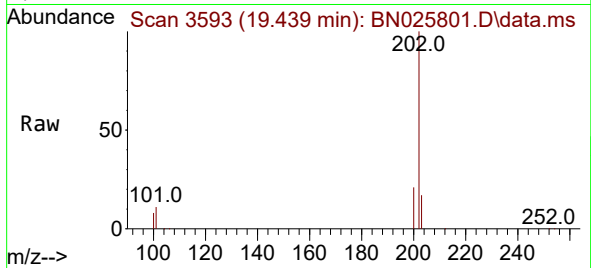
Tgt Ion:178 Resp: 3595
 Ion Ratio Lower Upper
 178 100
 179 23.5 12.6 19.0#
 176 22.7 15.4 23.2



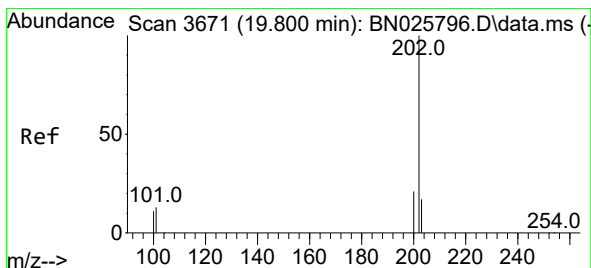
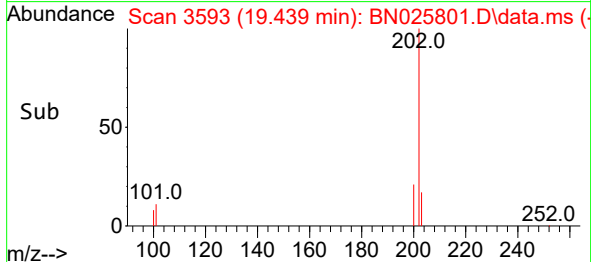
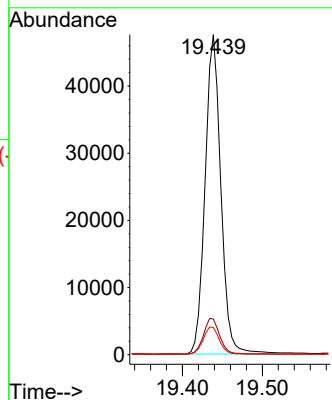


#19
Fluoranthene
Concen: 0.813 ng/ul
RT: 19.439 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

Instrument :
BNA_N
ClientSampleId :

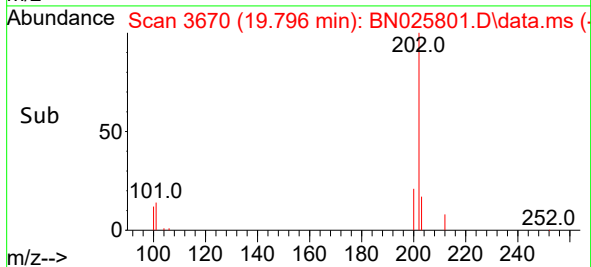
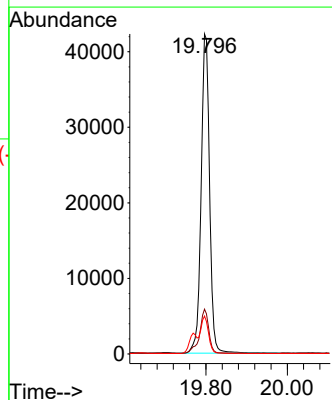
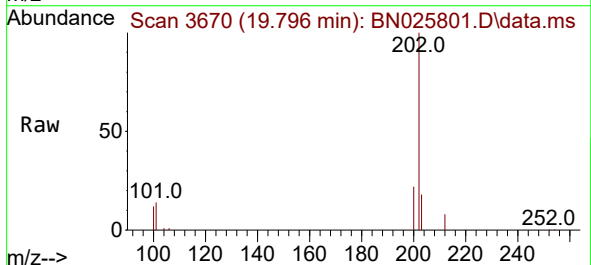


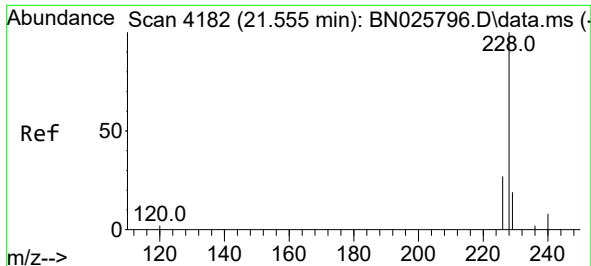
Tgt Ion:202 Resp: 65394
Ion Ratio Lower Upper
202 100
101 11.1 9.1 13.7
100 8.5 7.0 10.6



#20
Pyrene
Concen: 0.728 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

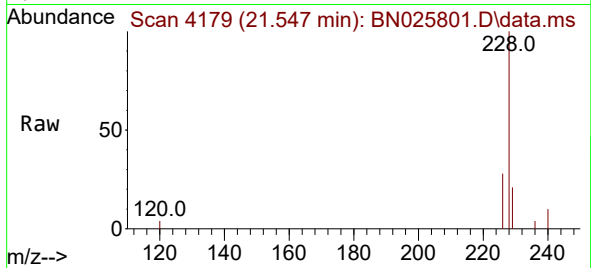
Tgt Ion:202 Resp: 60650
Ion Ratio Lower Upper
202 100
101 14.0 10.4 15.6
100 11.8 8.8 13.2



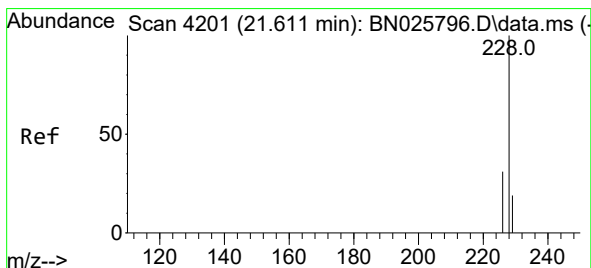
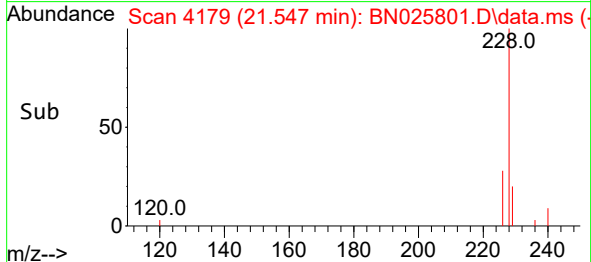
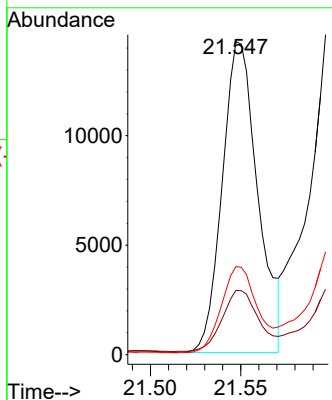


#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.547 min Scan# 4117
Delta R.T. -0.005 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

Instrument :
BNA_N
ClientSampleId :

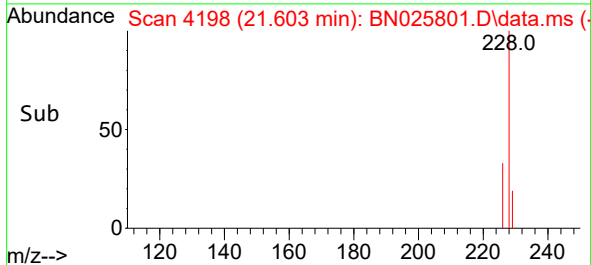
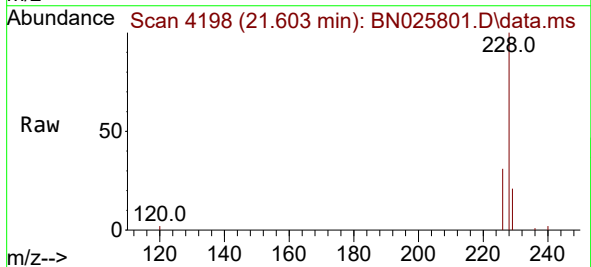
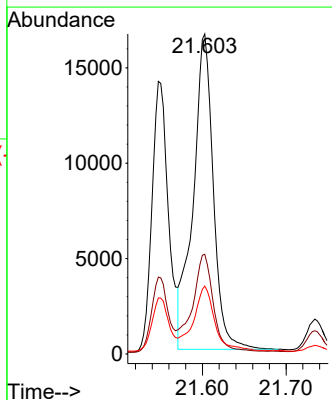


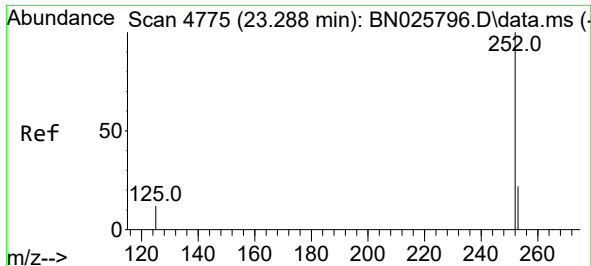
Tgt Ion:228 Resp: 19428
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

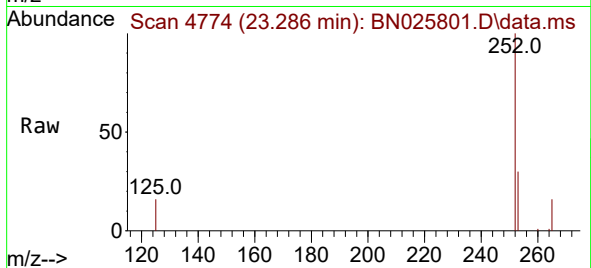
Tgt Ion:228 Resp: 27799
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 21.2 15.7 23.5



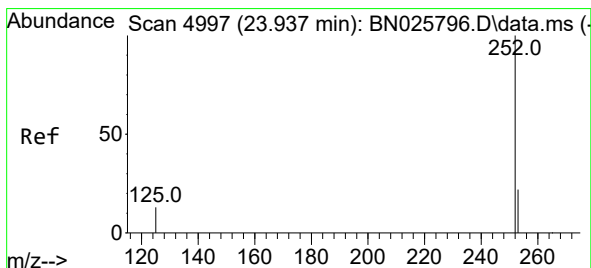
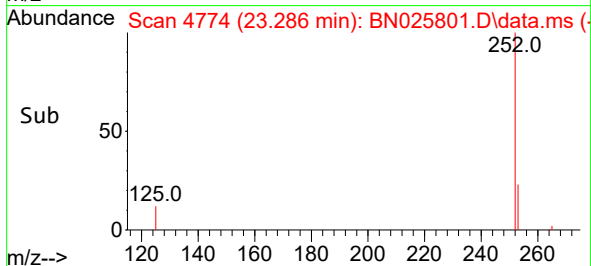
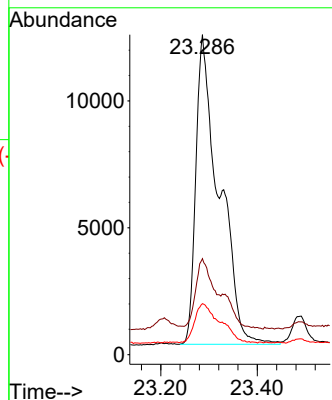


#24
Benzo(b)fluoranthene
Concen: 0.723 ng/ul
RT: 23.286 min Scan# 4775
Delta R.T. -0.005 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

Instrument :
BNA_N
ClientSampleId :

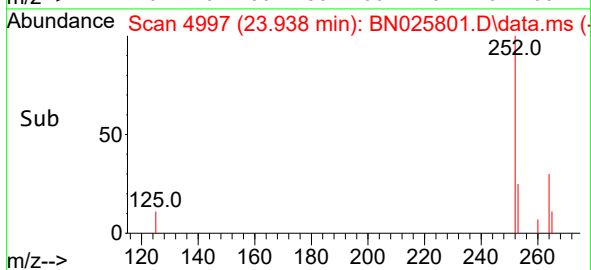
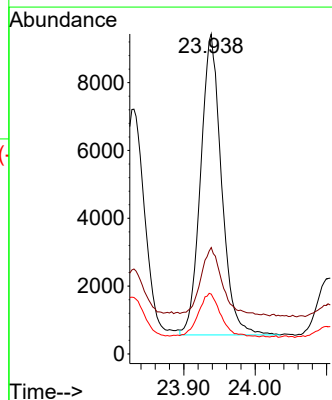
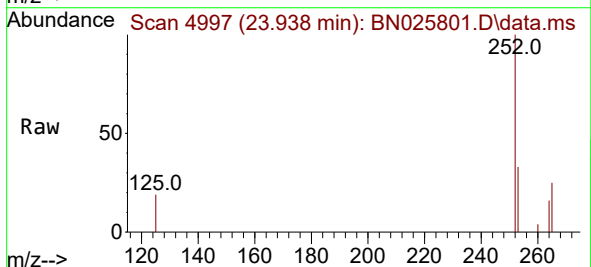


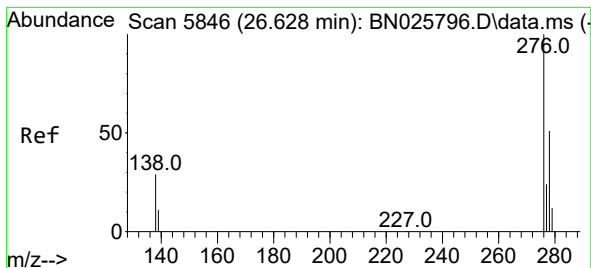
Tgt Ion:252 Resp: 40648
Ion Ratio Lower Upper
252 100
253 30.0 0.0 56.0
125 15.9 0.0 28.0



#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. -0.005 min
Lab File: BN025801.D
Acq: 13 Jun 2023 11:54

Tgt Ion:252 Resp: 18034
Ion Ratio Lower Upper
252 100
253 33.3 25.8 38.8
125 18.7 13.5 20.3





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.266 ng/ul

RT: 26.646 min Scan# 5851

Delta R.T. -0.012 min

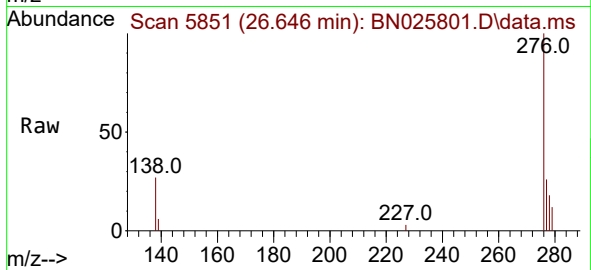
Lab File: BN025801.D

Acq: 13 Jun 2023 11:54

Instrument :

BNA_N

ClientSampleId :



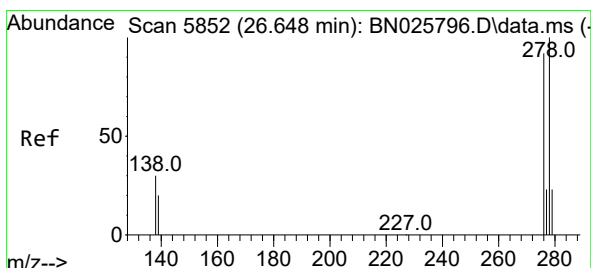
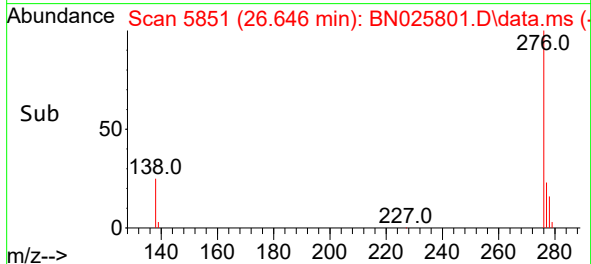
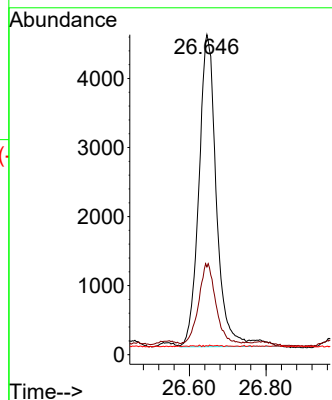
Tgt Ion:276 Resp: 14455

Ion Ratio Lower Upper

276 100

138 25.0 24.6 36.8

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 26.659 min Scan# 5855

Delta R.T. -0.026 min

Lab File: BN025801.D

Acq: 13 Jun 2023 11:54

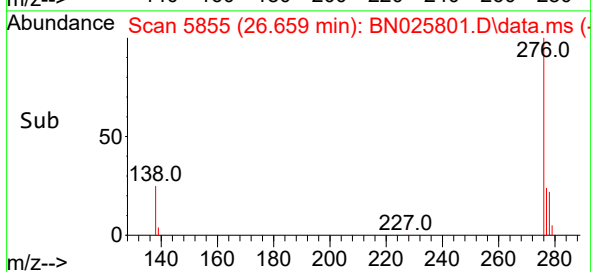
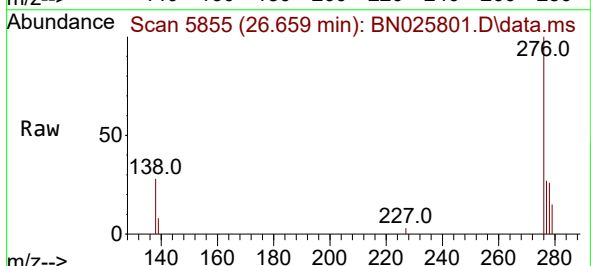
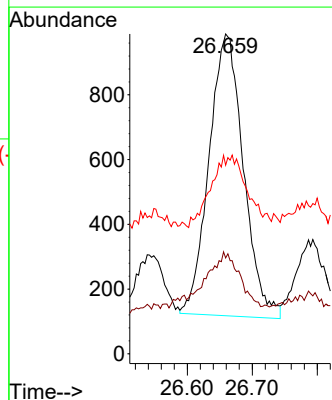
Tgt Ion:278 Resp: 3203

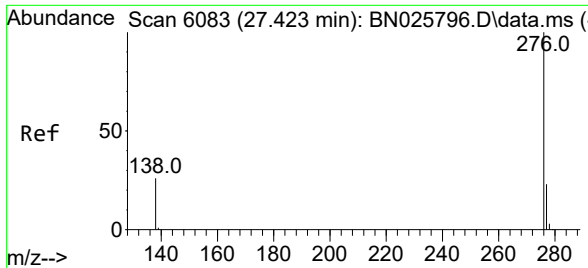
Ion Ratio Lower Upper

278 100

139 30.0 17.9 26.9#

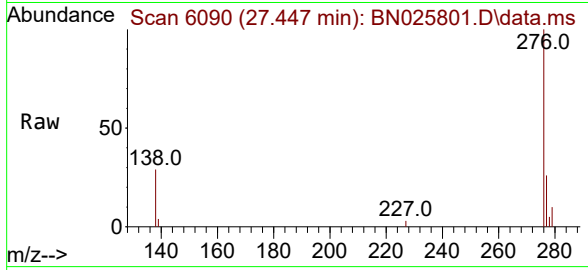
279 59.0 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 27.447 min Scan# 6090
 Delta R.T. -0.002 min
 Lab File: BN025801.D
 Acq: 13 Jun 2023 11:54

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	276	Resp:	15012
Ion Ratio	Lower	Upper	
276	100		
138	29.2	21.8	32.8
277	25.5	19.4	29.2

