

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026964.D
 Acq On : 18 Aug 2023 18:00
 Operator : MA/JU
 Sample : 03965-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H7

Quant Time: Aug 18 19:10:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

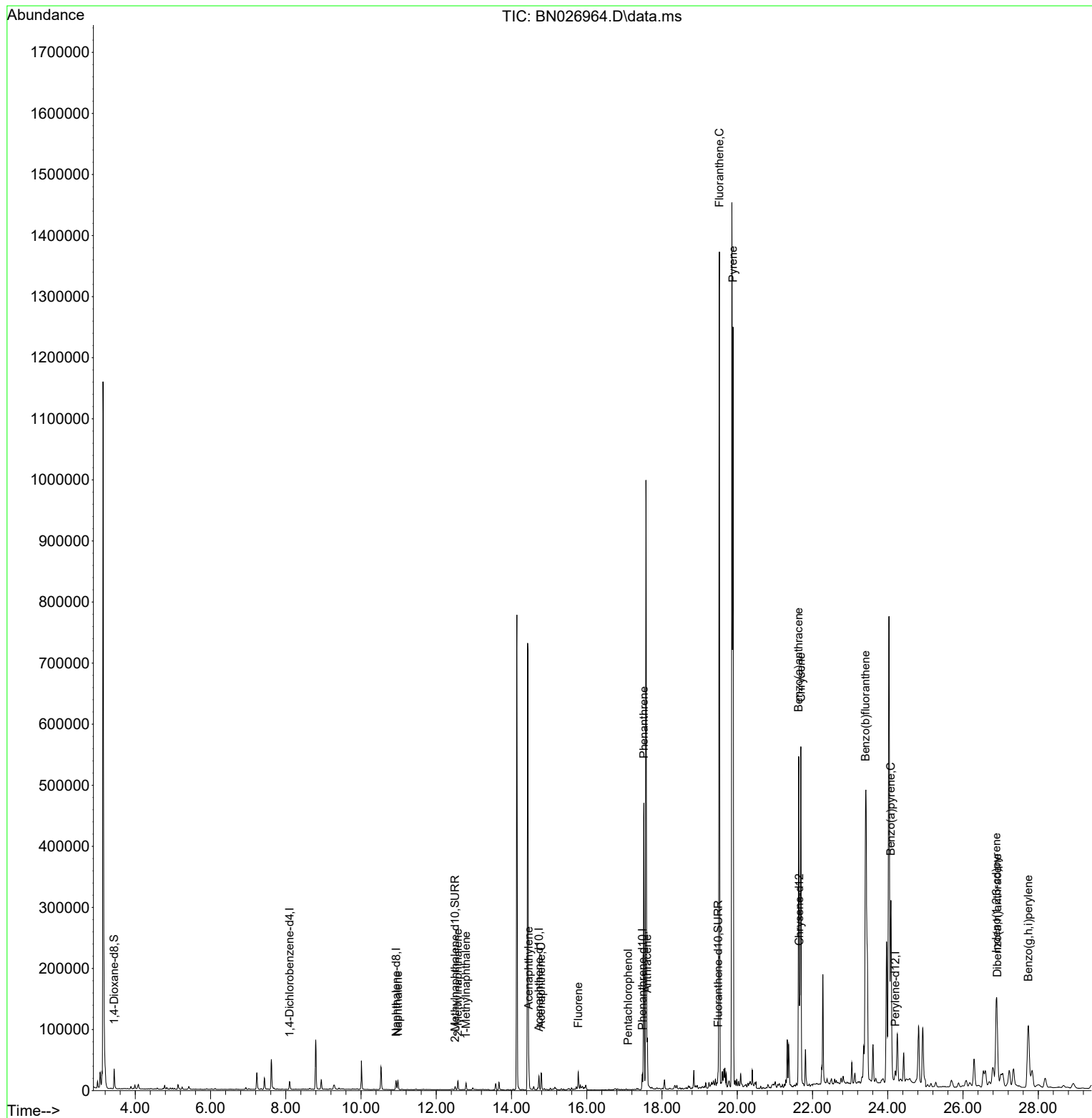
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	20942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	12534	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	29427	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	25405	0.400	ng/ul	# 0.00
23) Perylene-d12	24.199	264	22719	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	22630	2.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6744	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	16844	0.210	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.982	128	20374	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	10065	0.281	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	7264	0.194	ng/ul	100
10) Acenaphthylene	14.458	152	42413	0.604	ng/ul	100
11) Acenaphthene	14.791	153	16125	0.332	ng/ul	98
12) Fluorene	15.776	166	18949	0.345	ng/ul	98
14) Pentachlorophenol	17.097	266	322	0.039	ng/ul	97
15) Phenanthrene	17.519	178	488964	5.058	ng/ul	99
16) Anthracene	17.607	178	83510	0.956	ng/ul	100
19) Fluoranthene	19.524	202	1145853	10.858	ng/ul	100
20) Pyrene	19.887	202	1050824	9.332	ng/ul	99
21) Benzo(a)anthracene	21.632	228	495939	4.908	ng/ul	99
22) Chrysene	21.691	228	568565	5.701	ng/ul	98
24) Benzo(b)fluoranthene	23.410	252	1040043	12.103	ng/ul#	82
26) Benzo(a)pyrene	24.085	252	464920	5.996	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.891	276	298525	2.943	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.911	278	69265	0.857	ng/ul#	93
29) Benzo(g,h,i)perylene	27.736	276	275469	3.262	ng/ul	99

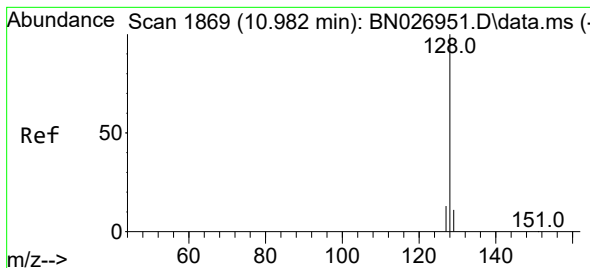
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.344 ng/ul

RT: 10.982 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

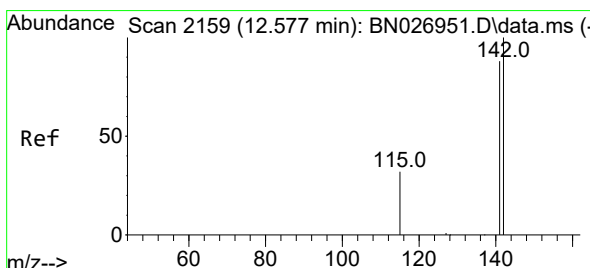
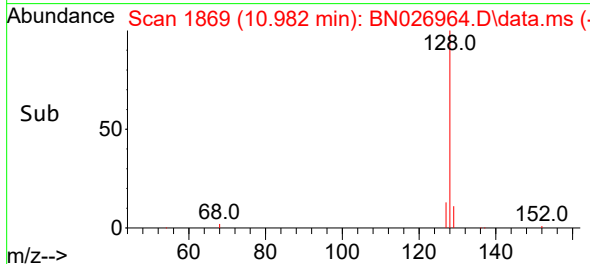
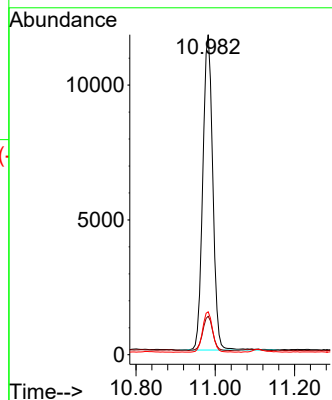
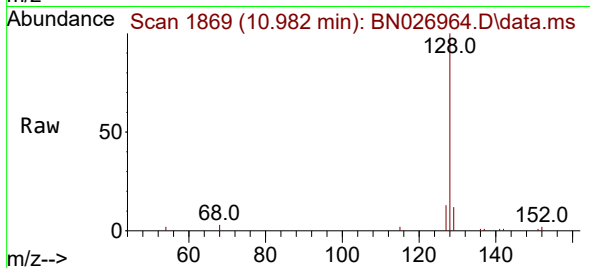
Tgt Ion:128 Resp: 20374

Ion Ratio Lower Upper

128 100

129 12.0 9.2 13.8

127 13.4 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.281 ng/ul

RT: 12.577 min Scan# 2159

Delta R.T. -0.000 min

Lab File: BN026964.D

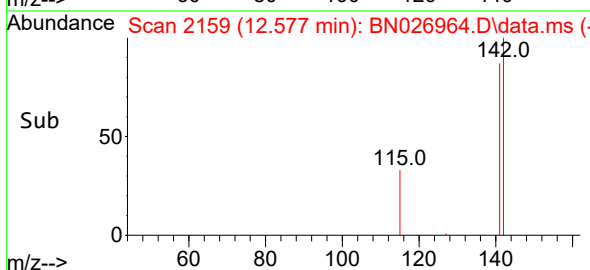
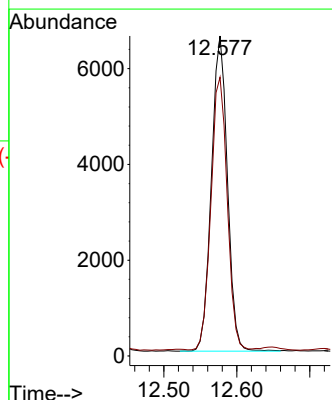
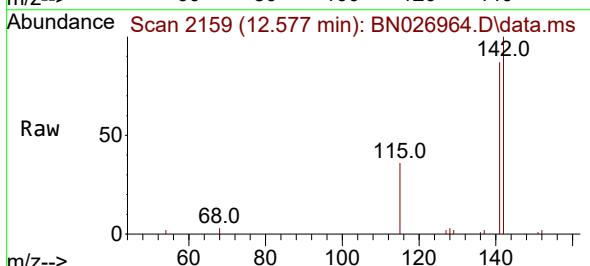
Acq: 18 Aug 2023 18:00

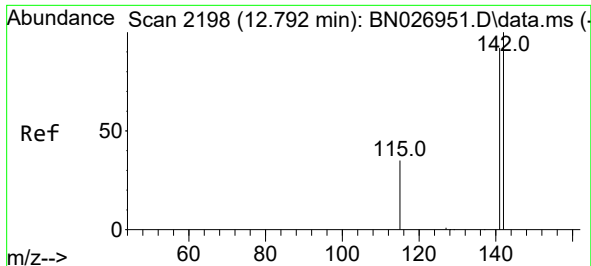
Tgt Ion:142 Resp: 10065

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3

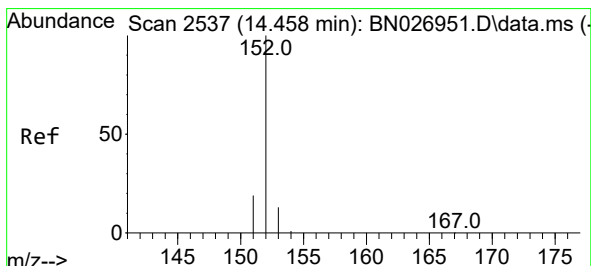
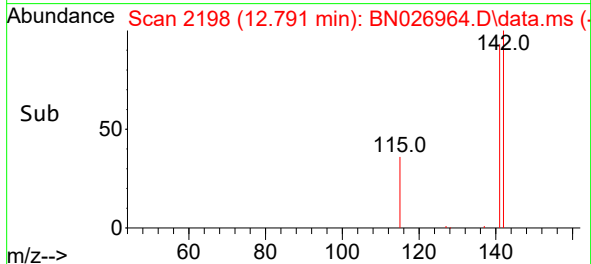
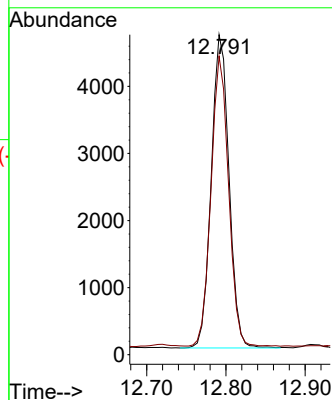
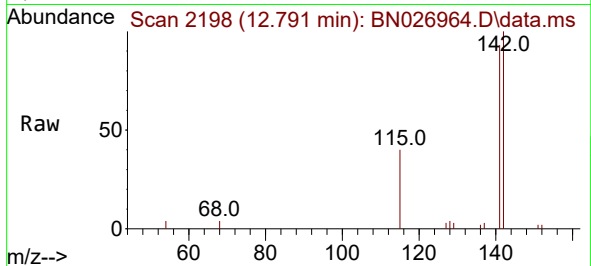




#8
1-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

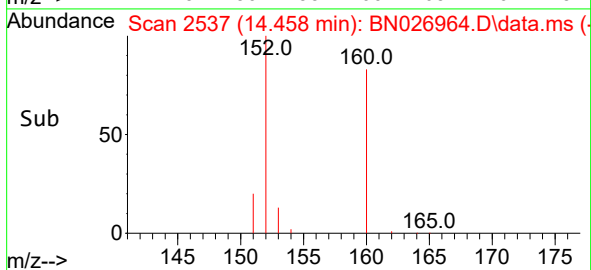
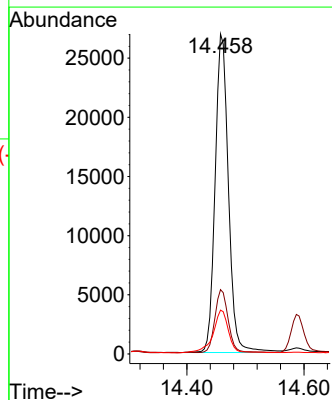
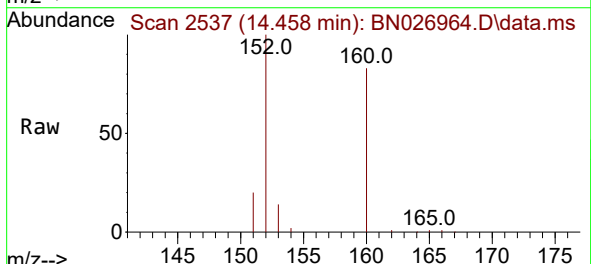
Instrument :
BNA_N
ClientSampleId :
A48H7

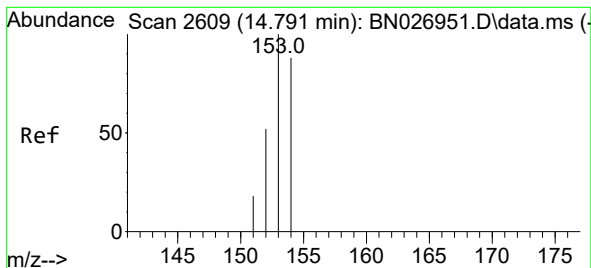
Tgt Ion:142 Resp: 7264
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8



#10
Acenaphthylene
Concen: 0.604 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

Tgt Ion:152 Resp: 42413
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 11.0 16.6





#11

Acenaphthene

Concen: 0.332 ng/ul

RT: 14.791 min Scan# 2609

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

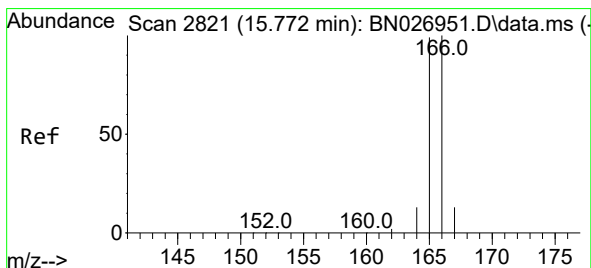
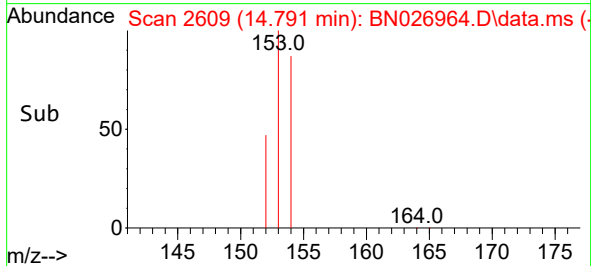
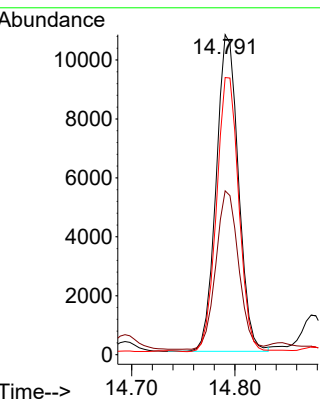
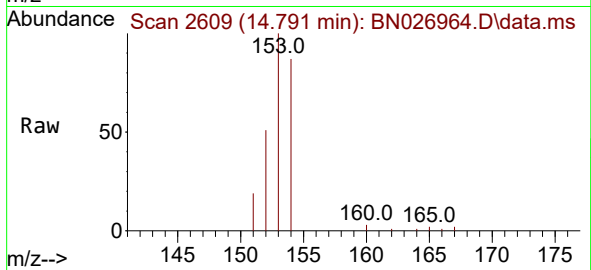
Tgt Ion:153 Resp: 16125

Ion Ratio Lower Upper

153 100

152 51.2 41.1 61.7

154 86.6 71.6 107.4



#12

Fluorene

Concen: 0.345 ng/ul

RT: 15.776 min Scan# 2822

Delta R.T. 0.004 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

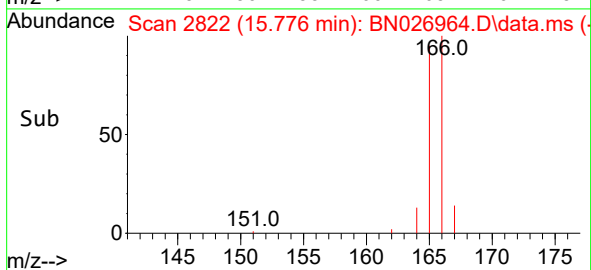
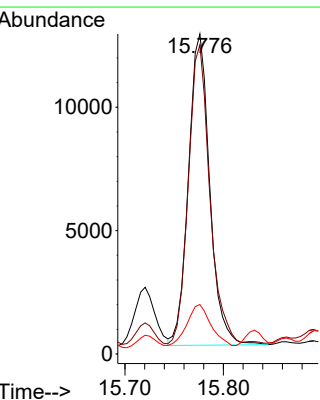
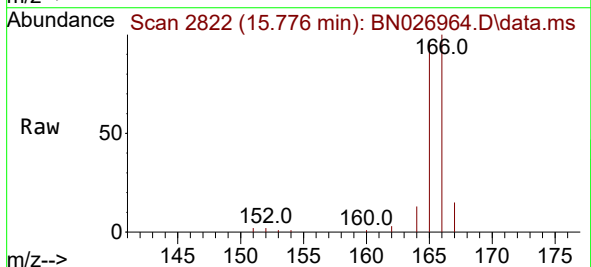
Tgt Ion:166 Resp: 18949

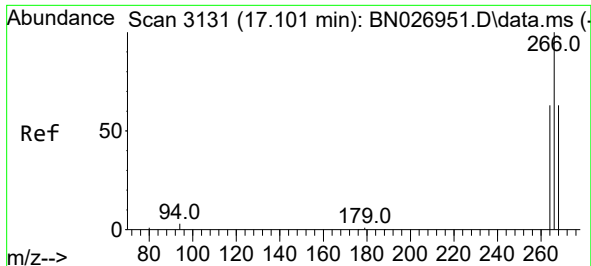
Ion Ratio Lower Upper

166 100

165 96.6 79.1 118.7

167 15.4 11.4 17.0

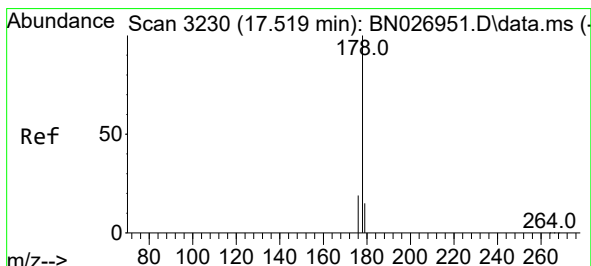
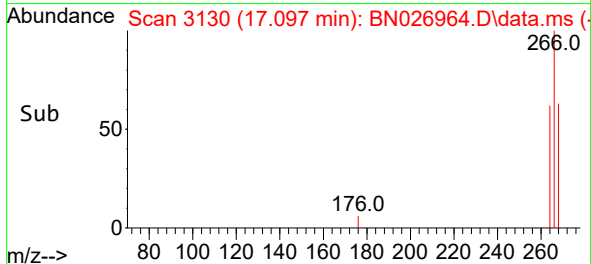
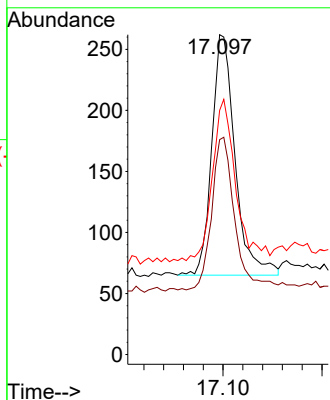
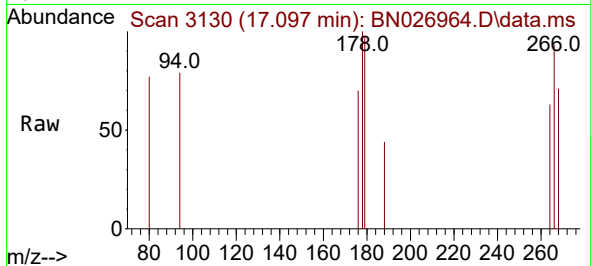




#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 17.097 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

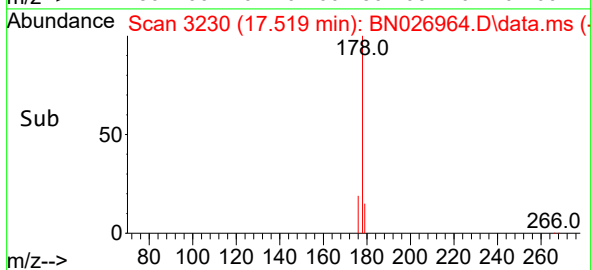
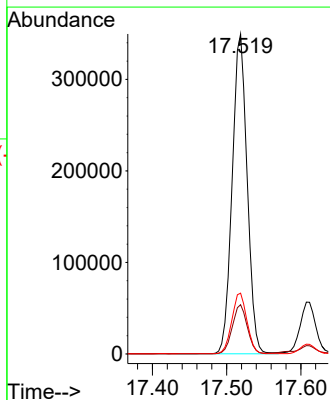
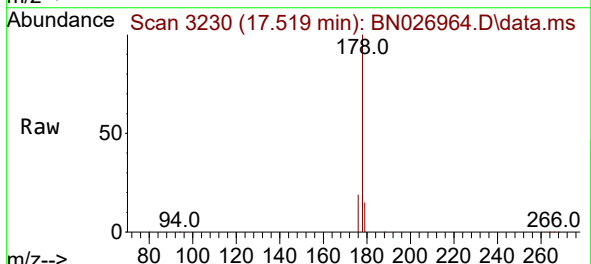
Instrument :
BNA_N
ClientSampleId :
A48H7

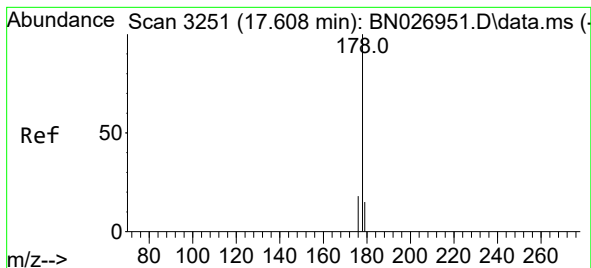
Tgt Ion:266 Resp: 322
Ion Ratio Lower Upper
266 100
264 64.3 50.4 75.6
268 66.8 51.2 76.8



#15
Phenanthrene
Concen: 5.058 ng/ul
RT: 17.519 min Scan# 3230
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

Tgt Ion:178 Resp: 488964
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.0 15.4 23.2





#16

Anthracene

Concen: 0.956 ng/ul

RT: 17.607 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

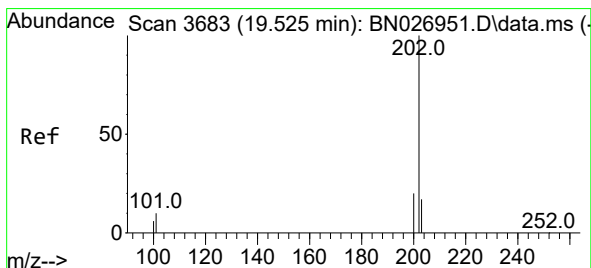
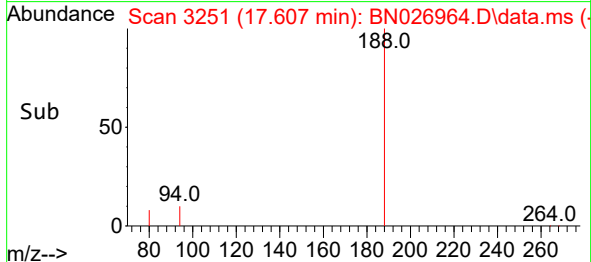
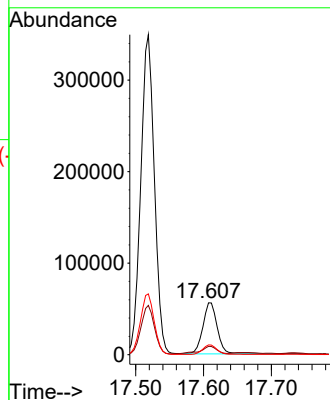
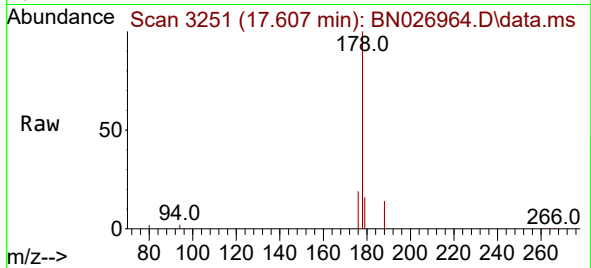
Tgt Ion:178 Resp: 83510

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

176 19.0 15.0 22.6



#19

Fluoranthene

Concen: 10.858 ng/ul

RT: 19.524 min Scan# 3683

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

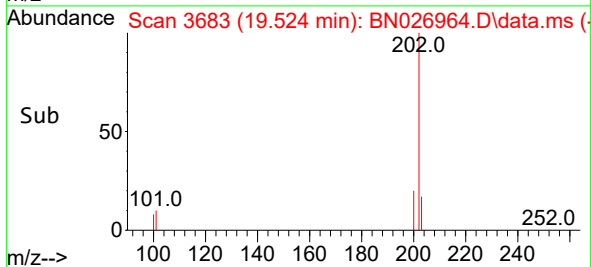
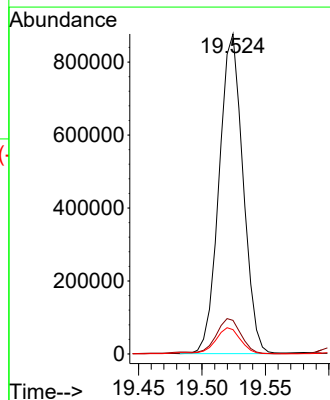
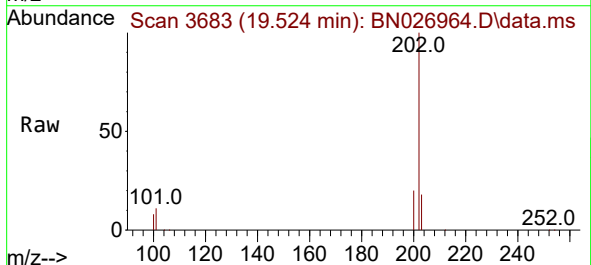
Tgt Ion:202 Resp: 1145853

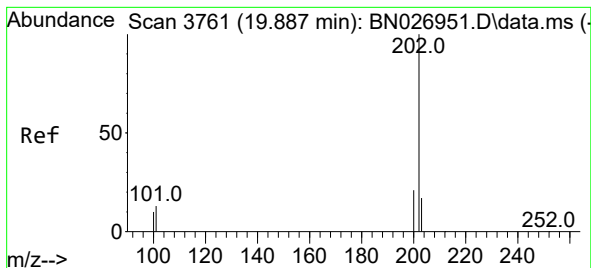
Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

100 7.6 6.2 9.2





#20

Pyrene

Concen: 9.332 ng/ul

RT: 19.887 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

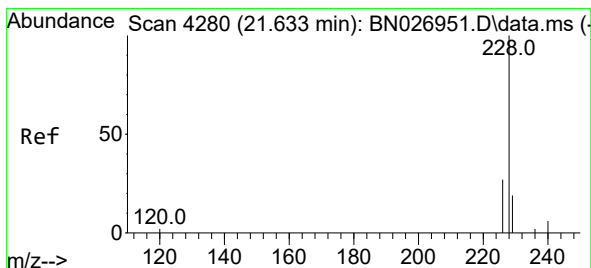
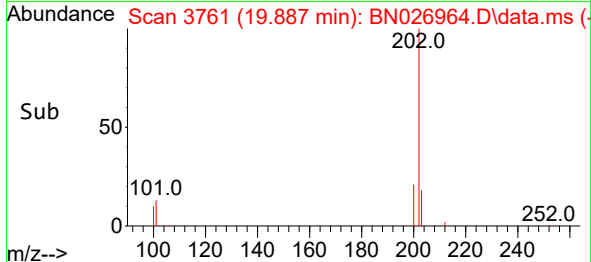
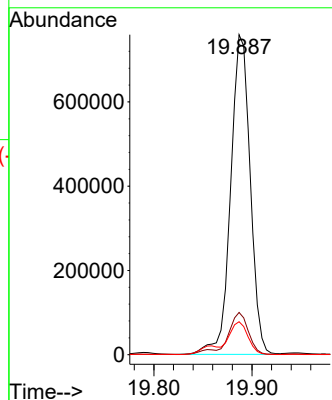
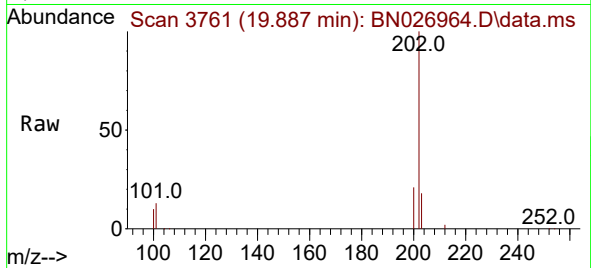
Tgt Ion:202 Resp: 1050824

Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

100 10.3 8.5 12.7



#21

Benzo(a)anthracene

Concen: 4.908 ng/ul

RT: 21.632 min Scan# 4280

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

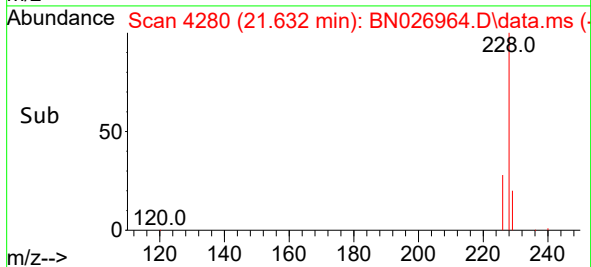
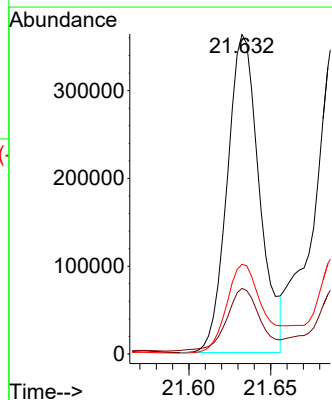
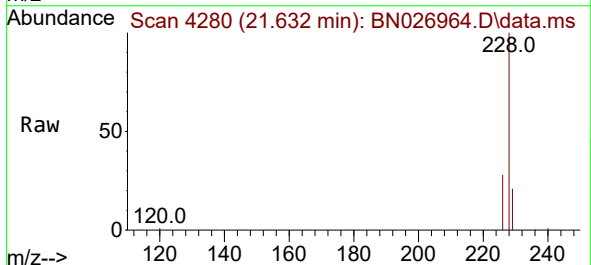
Tgt Ion:228 Resp: 495939

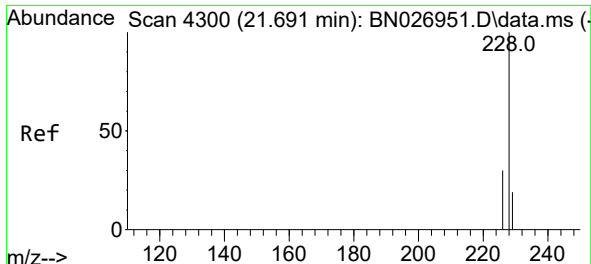
Ion Ratio Lower Upper

228 100

229 20.6 16.0 24.0

226 28.1 22.2 33.2

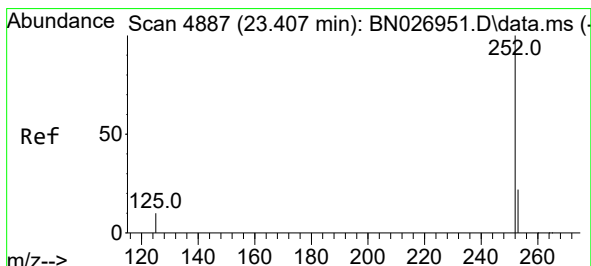
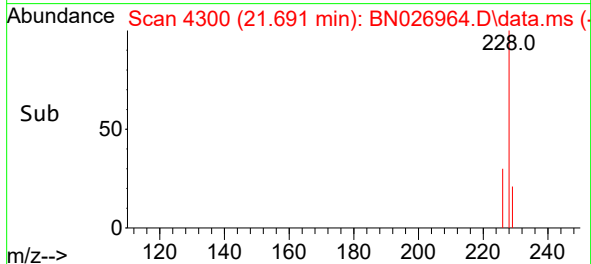
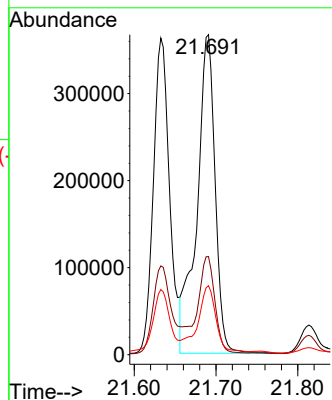
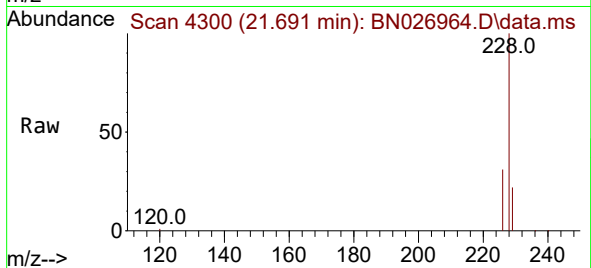




#22
Chrysene
Concen: 5.701 ng/ul
RT: 21.691 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

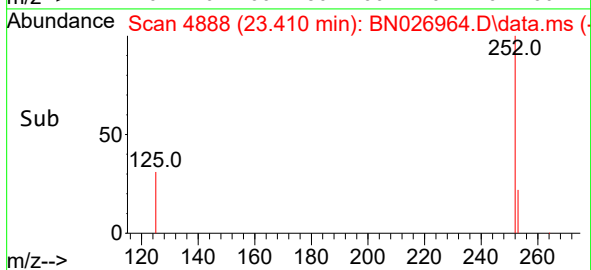
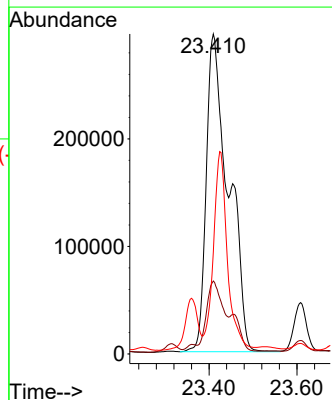
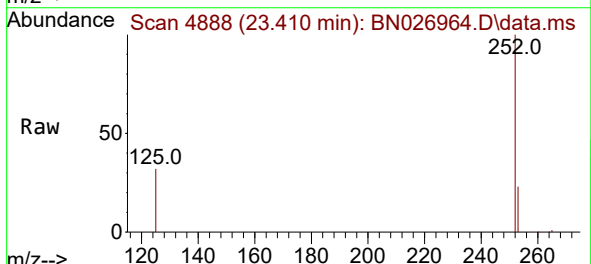
Instrument :
BNA_N
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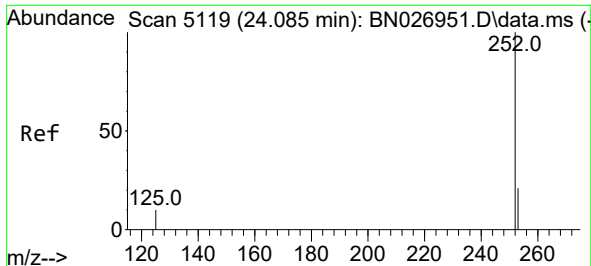
Tgt Ion:228 Resp: 568565
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.6 15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 12.103 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

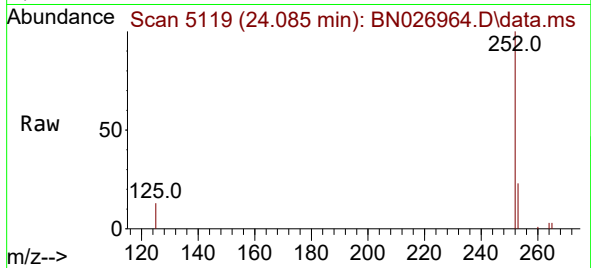
Tgt Ion:252 Resp: 1040043
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 31.8 0.0 25.2#



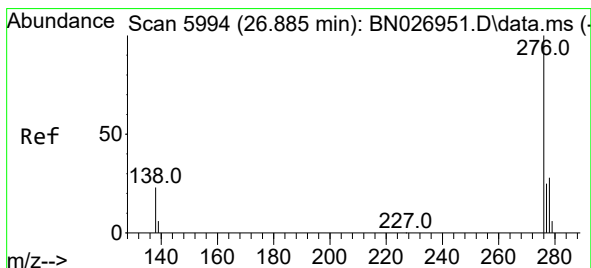
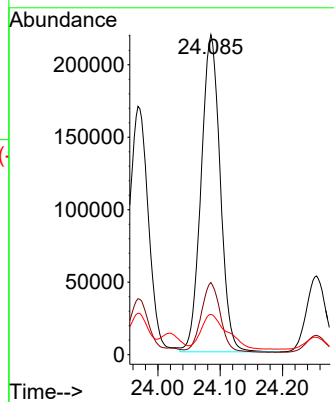
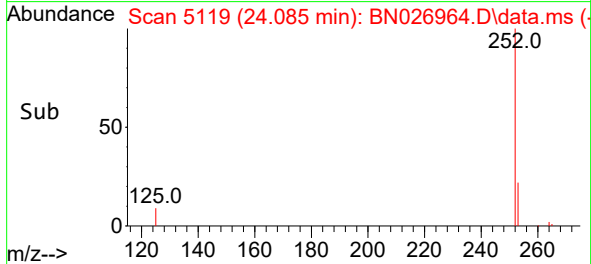


#26
Benzo(a)pyrene
Concen: 5.996 ng/ul
RT: 24.085 min Scan# 5119
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

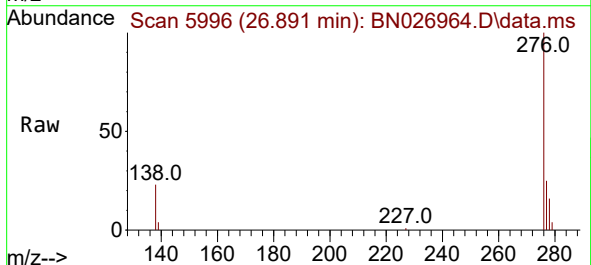
Instrument :
BNA_N
ClientSampleId :
A48H7



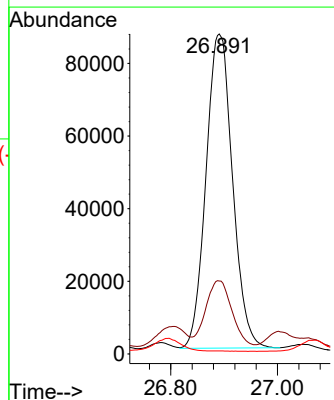
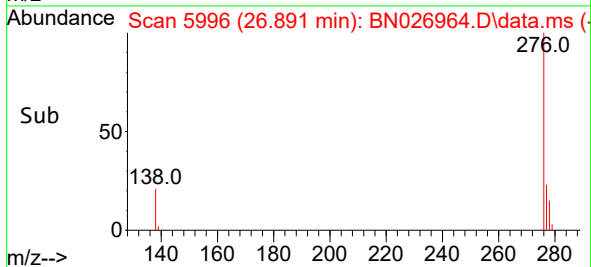
Tgt Ion:252 Resp: 464920
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.6
125 12.6 11.4 17.0

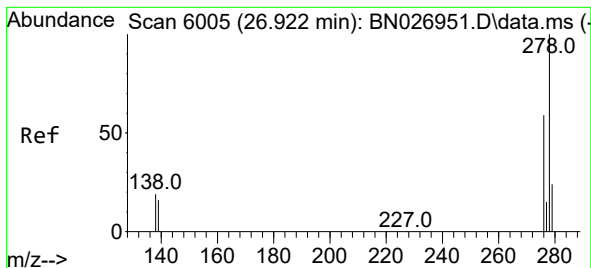


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.943 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. 0.006 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00



Tgt Ion:276 Resp: 298525
Ion Ratio Lower Upper
276 100
138 19.6 21.6 32.4#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.857 ng/ul

RT: 26.911 min Scan# 6005

Delta R.T. -0.011 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

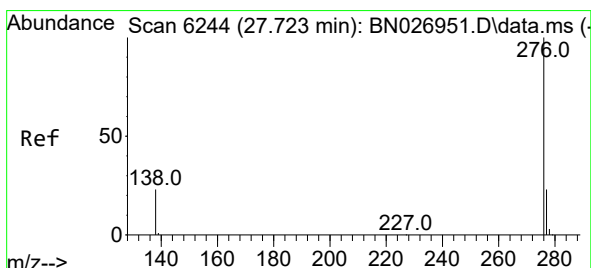
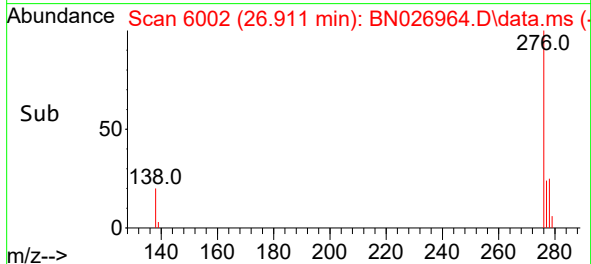
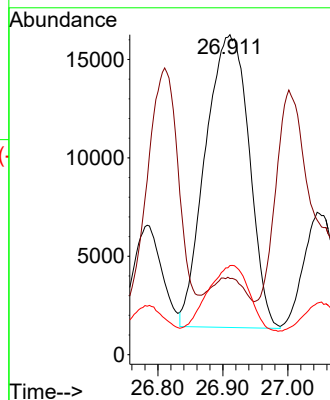
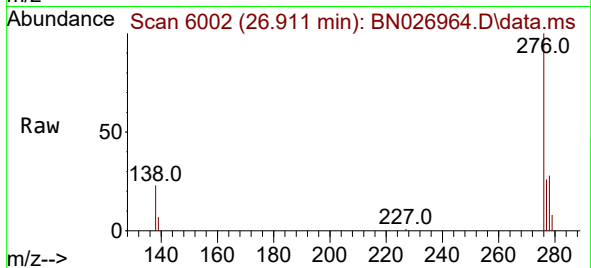
Tgt Ion:278 Resp: 69265

Ion Ratio Lower Upper

278 100

139 23.8 15.7 23.5#

279 27.8 20.2 30.4



#29

Benzo(g,h,i)perylene

Concen: 3.262 ng/ul

RT: 27.736 min Scan# 6248

Delta R.T. 0.013 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Tgt Ion:276 Resp: 275469

Ion Ratio Lower Upper

276 100

138 24.1 19.3 28.9

277 24.1 19.8 29.8

