

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021423\
 Data File : BN024020.D
 Acq On : 14 Feb 2023 11:11
 Operator : CG/JU
 Sample : 01443-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3E92

Quant Time: Feb 14 11:57:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 01:13:07 2023
 Response via : Initial Calibration

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

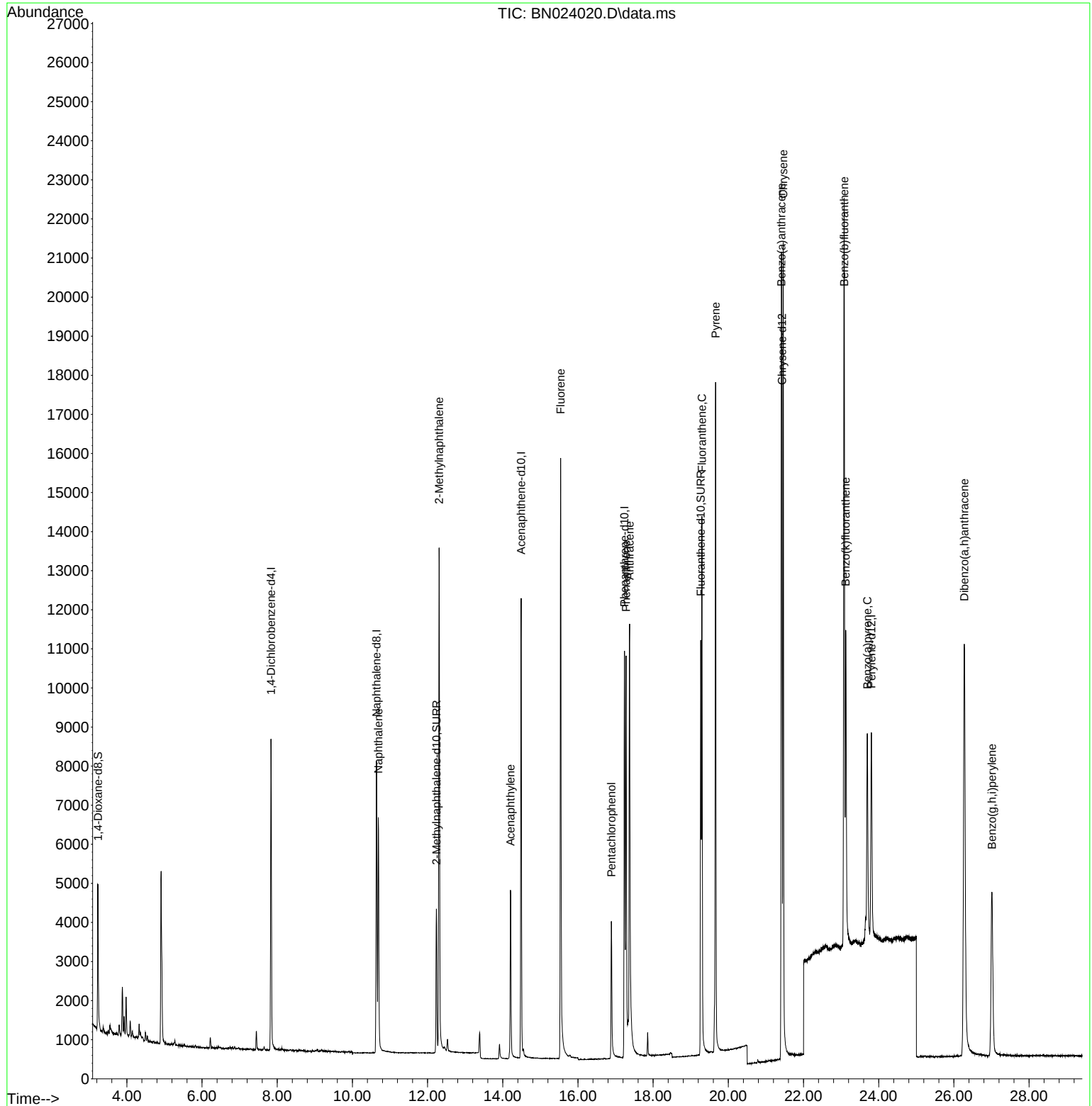
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	4166	0.400	ng/u1	0.00
4) Naphthalene-d8	10.639	136	10865	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.488	164	6365	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.238	188	13970	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.426	240	11495	0.400	ng/u1	0.00
23) Perylene-d12	23.805	264	7740	0.400	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	2427	0.543	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.234	152	4924	0.290	ng/u1	0.00
18) Fluoranthene-d10	19.267	212	12100	0.392	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	8308	0.280	ng/u1	99
7) 2-Methylnaphthalene	12.306	142	9678	0.501	ng/u1	100
10) Acenaphthylene	14.206	152	5409	0.222	ng/u1	99
12) Fluorene	15.538	166	11119	0.429	ng/u1	97
14) Pentachlorophenol	16.888	266	2613	0.567	ng/u1	97
15) Phenanthrene	17.280	178	11697	0.281	ng/u1	99
16) Anthracene	17.373	178	14991	0.430	ng/u1	99
19) Fluoranthene	19.295	202	12141	0.318	ng/u1#	95
20) Pyrene	19.662	202	15311	0.387	ng/u1	96
21) Benzo(a)anthracene	21.408	228	15383	0.394	ng/u1	99
22) Chrysene	21.461	228	18183	0.442	ng/u1	99
24) Benzo(b)fluoranthene	23.080	252	24688	0.722	ng/u1	97
25) Benzo(k)fluoranthene	23.124	252	11384	0.341	ng/u1#	93
26) Benzo(a)pyrene	23.697	252	8928	0.313	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.275	278	19802	0.620	ng/u1	98
29) Benzo(g,h,i)perylene	27.013	276	9988	0.304	ng/u1	96

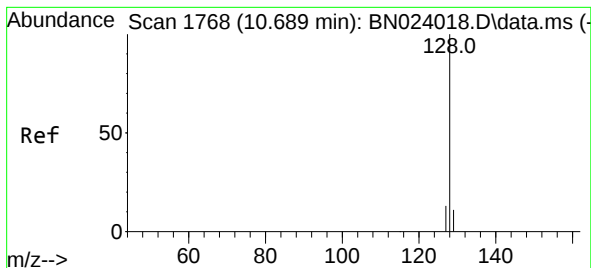
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.280 ng/ul

RT: 10.689 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Instrument :

BNA_N

ClientSampleId :

X3E92

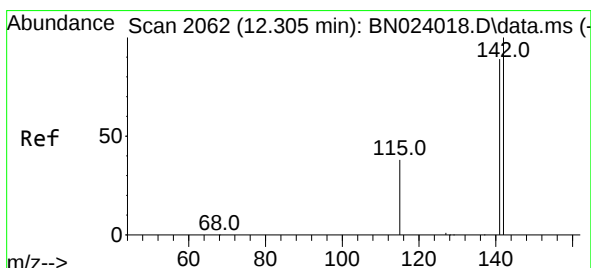
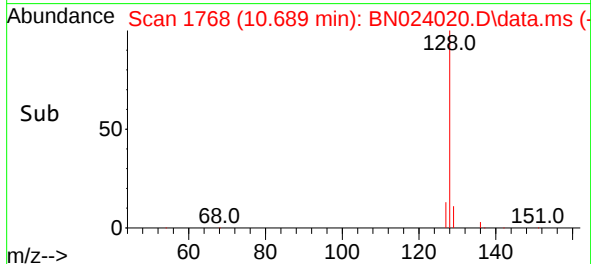
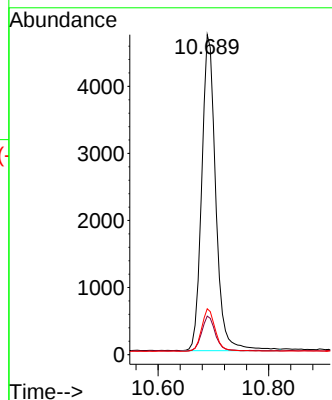
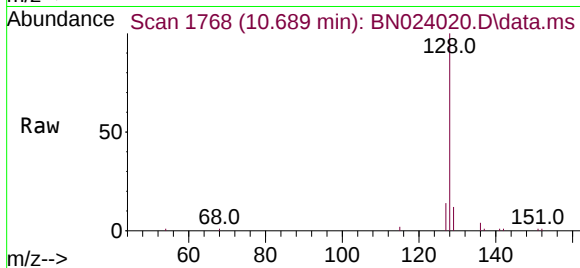
Tgt Ion:128 Resp: 8308

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

127 14.3 11.1 16.7



#7

2-Methylnaphthalene

Concen: 0.501 ng/ul

RT: 12.306 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BN024020.D

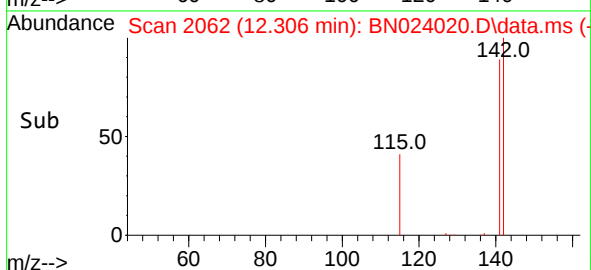
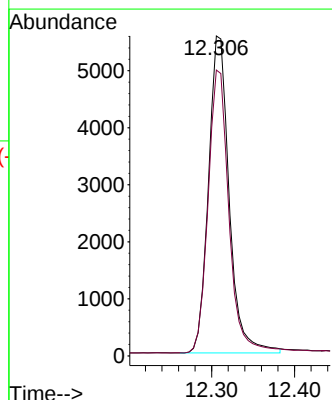
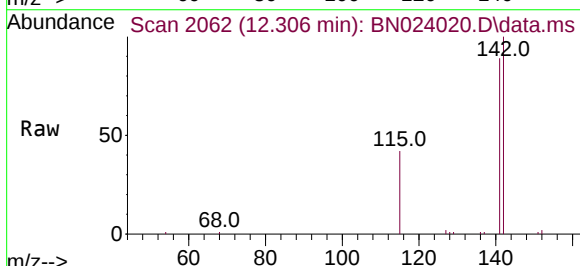
Acq: 14 Feb 2023 11:11

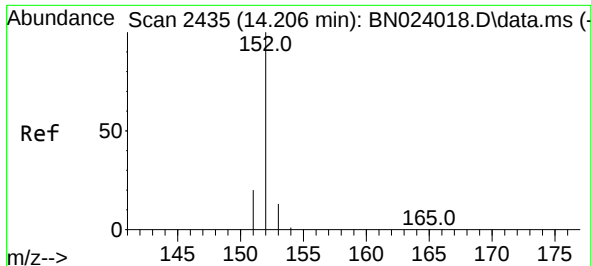
Tgt Ion:142 Resp: 9678

Ion Ratio Lower Upper

142 100

141 89.7 71.6 107.4

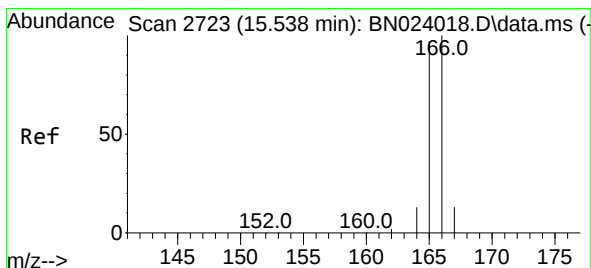
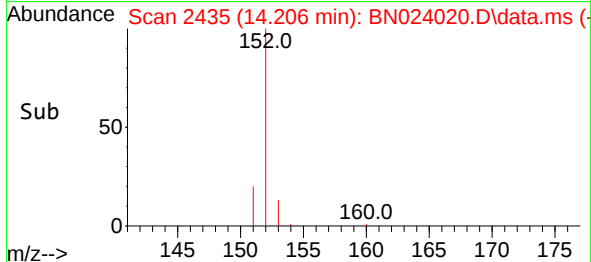
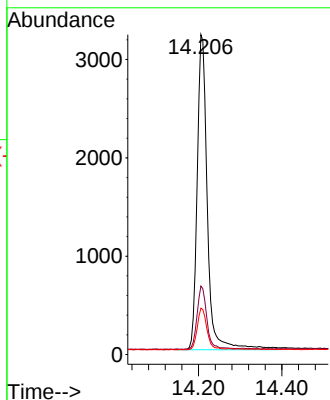
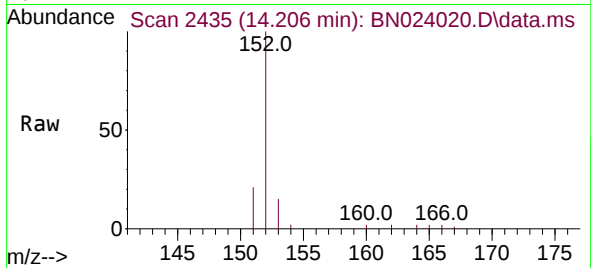




#10
Acenaphthylene
Concen: 0.222 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN024020.D
Acq: 14 Feb 2023 11:11

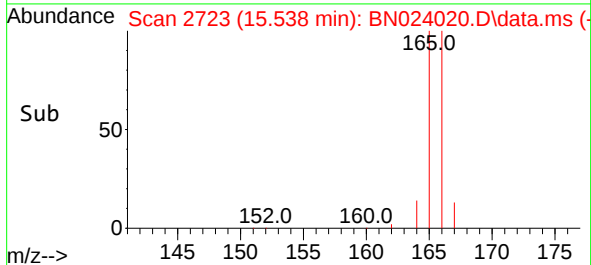
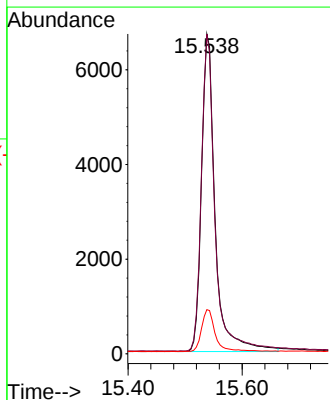
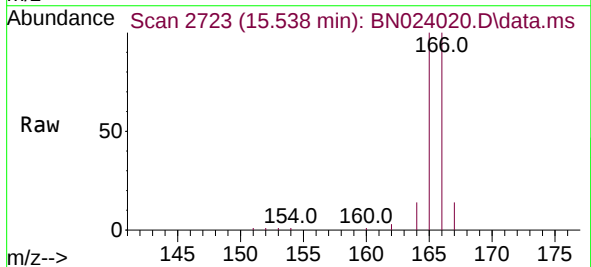
Instrument :
BNA_N
ClientSampleId :
X3E92

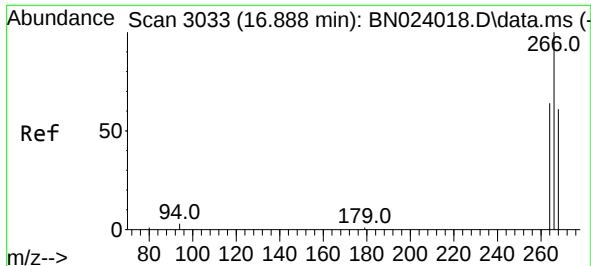
Tgt Ion:	152	Resp:	5409
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.0	25.4
153	14.5	11.1	16.7



#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.538 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BN024020.D
Acq: 14 Feb 2023 11:11

Tgt Ion:	166	Resp:	11119
Ion Ratio	Lower	Upper	
166	100		
165	99.9	77.4	116.2
167	13.8	11.4	17.0

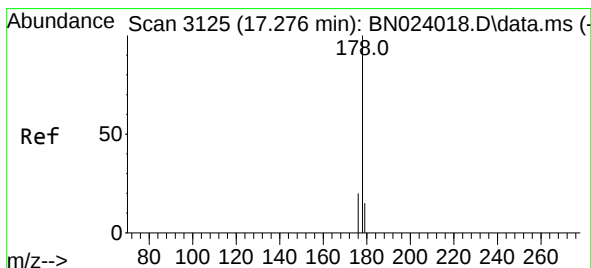
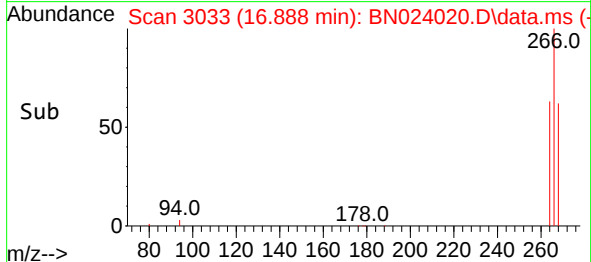
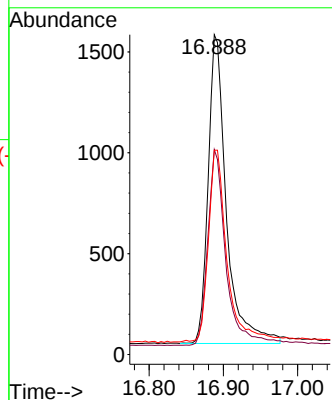
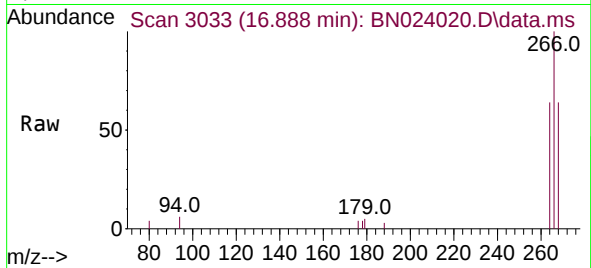




#14
 Pentachlorophenol
 Concen: 0.567 ng/ul
 RT: 16.888 min Scan# 3033
 Delta R.T. -0.004 min
 Lab File: BN024020.D
 Acq: 14 Feb 2023 11:11

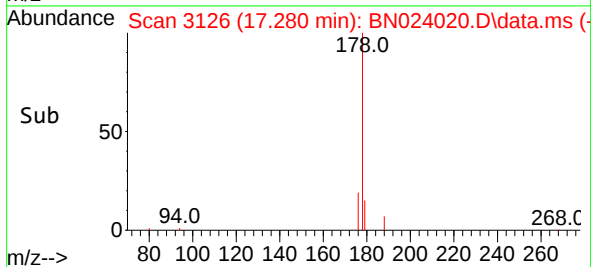
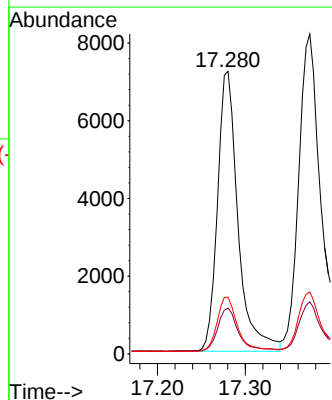
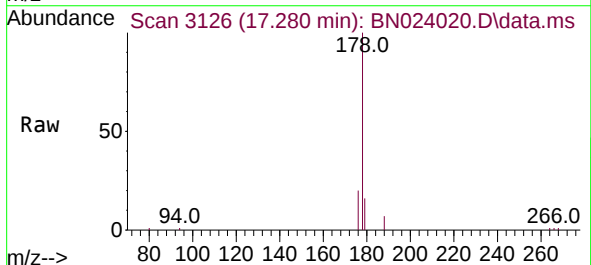
Instrument :
 BNA_N
 ClientSampleId :
 X3E92

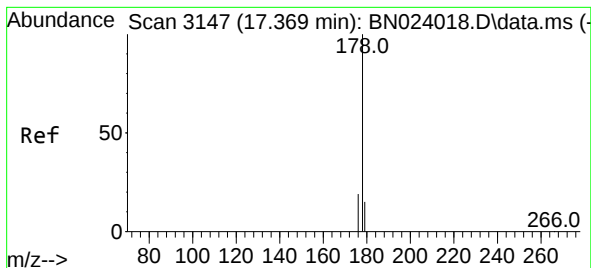
Tgt Ion:	266	Resp:	2613
Ion Ratio	Lower	Upper	
266	100		
264	63.1	49.4	74.0
268	62.3	52.0	78.0



#15
 Phenanthrene
 Concen: 0.281 ng/ul
 RT: 17.280 min Scan# 3126
 Delta R.T. -0.000 min
 Lab File: BN024020.D
 Acq: 14 Feb 2023 11:11

Tgt Ion:	178	Resp:	11697
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	20.1	15.7	23.5





#16

Anthracene

Concen: 0.430 ng/ul

RT: 17.373 min Scan# 3148

Delta R.T. 0.004 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Instrument :

BNA_N

ClientSampleId :

X3E92

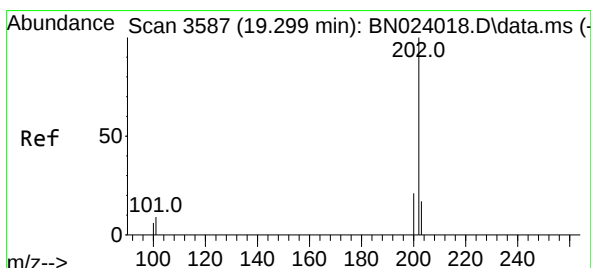
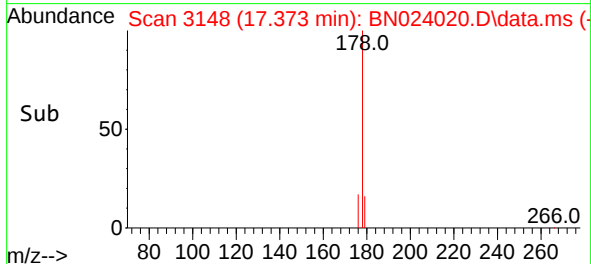
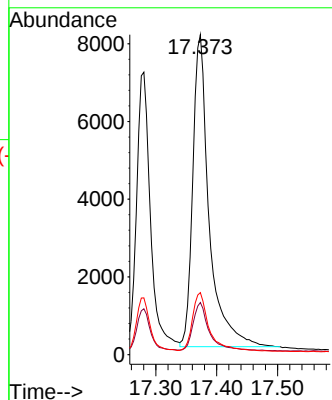
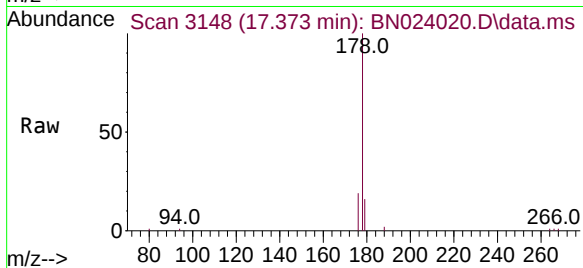
Tgt Ion:178 Resp: 14991

Ion Ratio Lower Upper

178 100

179 16.3 13.4 20.0

176 19.4 15.4 23.2



#19

Fluoranthene

Concen: 0.318 ng/ul

RT: 19.295 min Scan# 3586

Delta R.T. -0.005 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

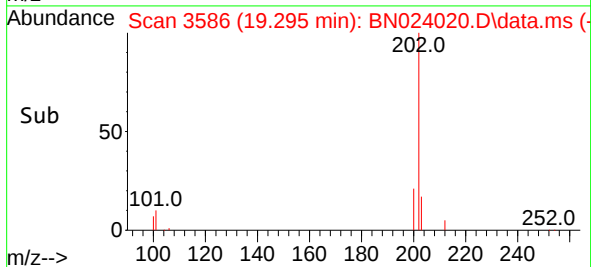
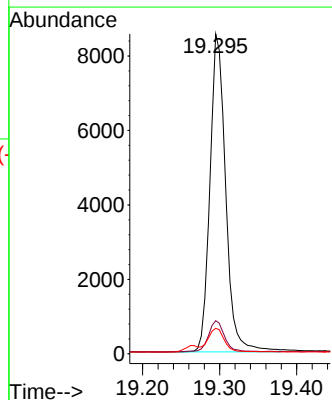
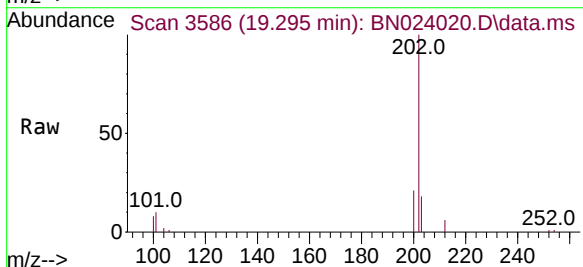
Tgt Ion:202 Resp: 12141

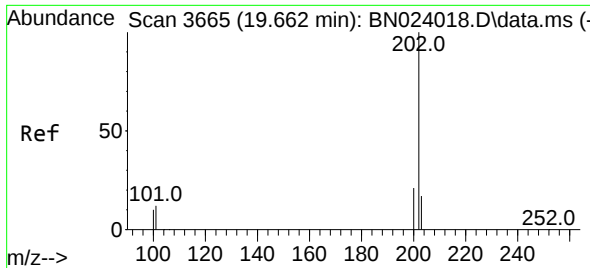
Ion Ratio Lower Upper

202 100

101 10.4 6.8 10.2#

100 8.0 5.2 7.8#





#20

Pyrene

Concen: 0.387 ng/ul

RT: 19.662 min Scan# 3665

Delta R.T. -0.000 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Instrument :

BNA_N

ClientSampleId :

X3E92

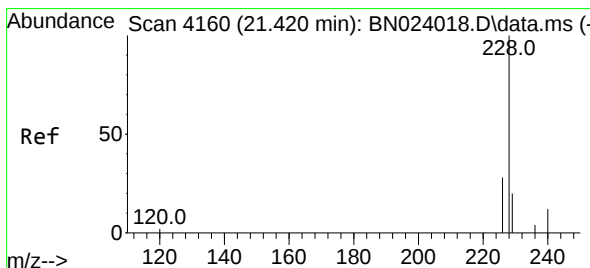
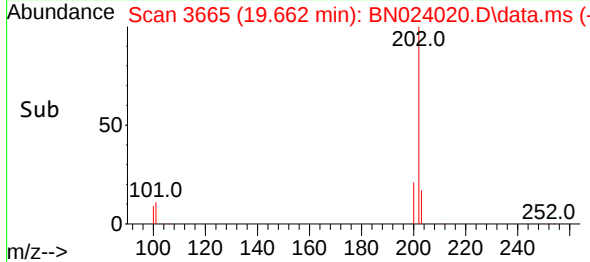
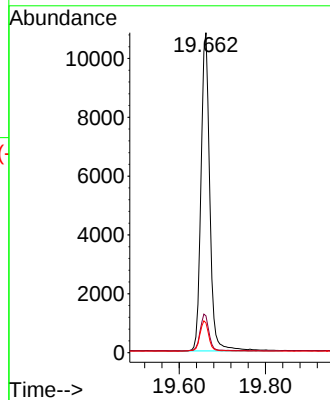
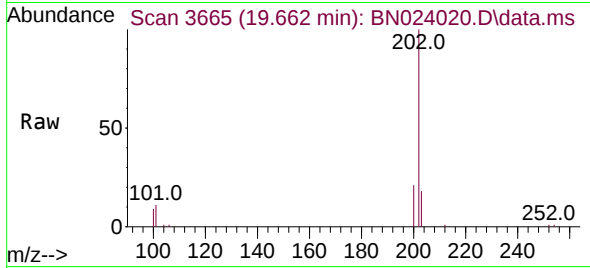
Tgt Ion:202 Resp: 15311

Ion Ratio Lower Upper

202 100

101 11.5 8.1 12.1

100 9.3 6.2 9.4



#21

Benzo(a)anthracene

Concen: 0.394 ng/ul

RT: 21.408 min Scan# 4156

Delta R.T. -0.003 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

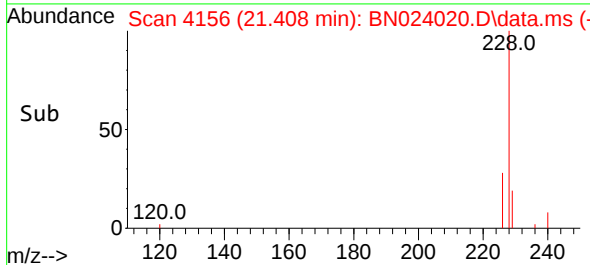
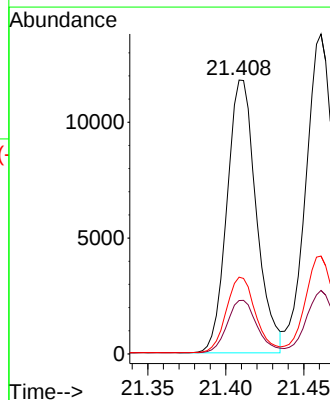
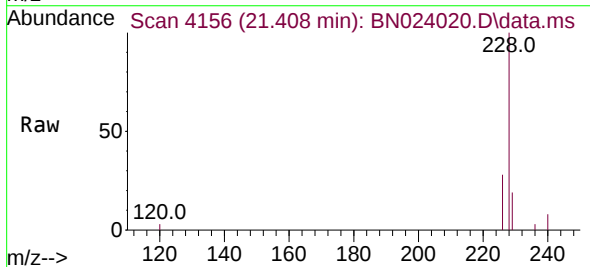
Tgt Ion:228 Resp: 15383

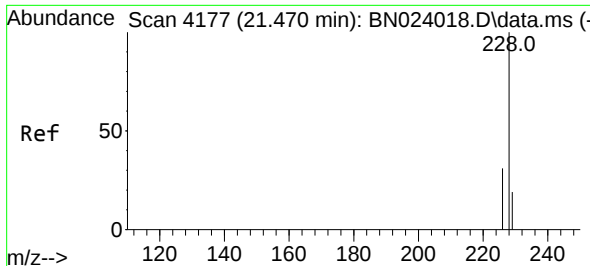
Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.8

226 28.0 22.0 33.0





#22

Chrysene

Concen: 0.442 ng/ul

RT: 21.461 min Scan# 4174

Delta R.T. -0.006 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Instrument :

BNA_N

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X3E92

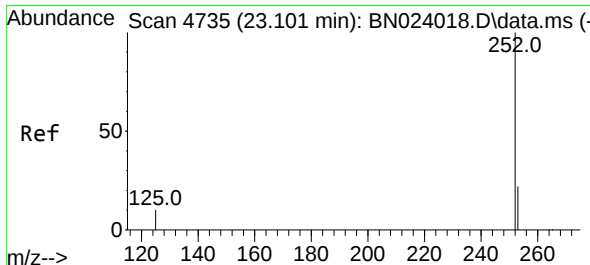
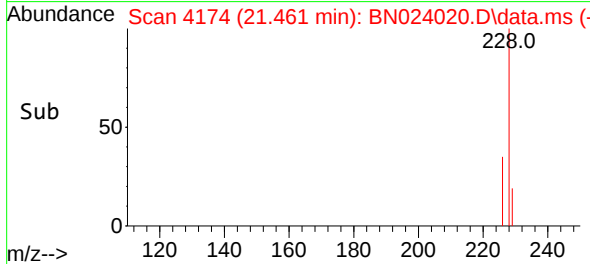
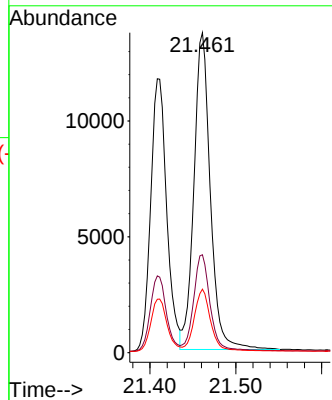
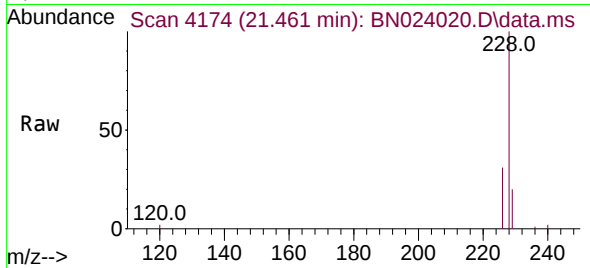
Tgt Ion:228 Resp: 18183

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.8 15.5 23.3



#24

Benzo(b)fluoranthene

Concen: 0.722 ng/ul

RT: 23.080 min Scan# 4728

Delta R.T. -0.012 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

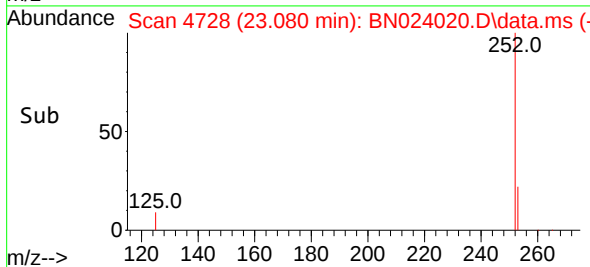
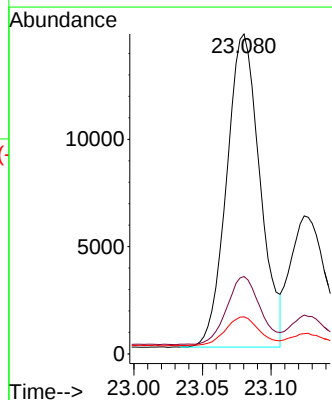
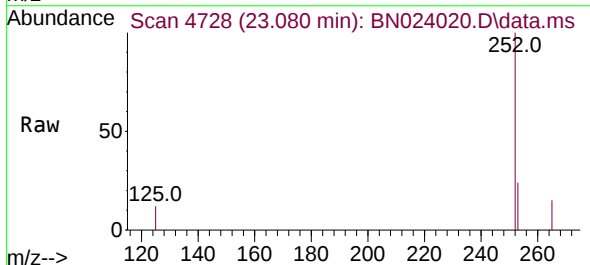
Tgt Ion:252 Resp: 24688

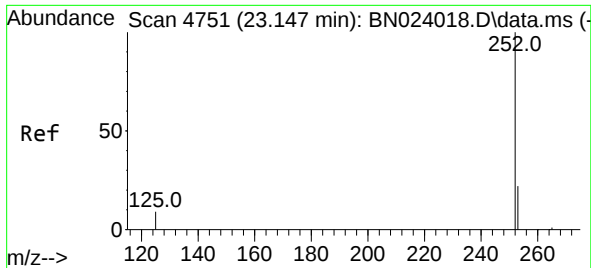
Ion Ratio Lower Upper

252 100

253 24.2 0.0 51.8

125 11.6 0.0 23.6

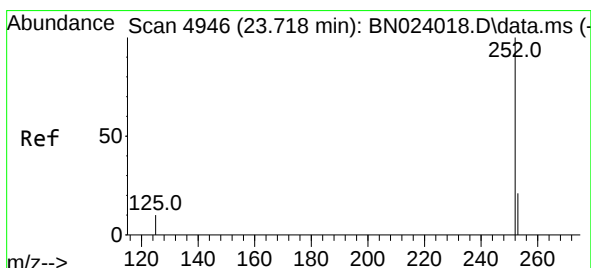
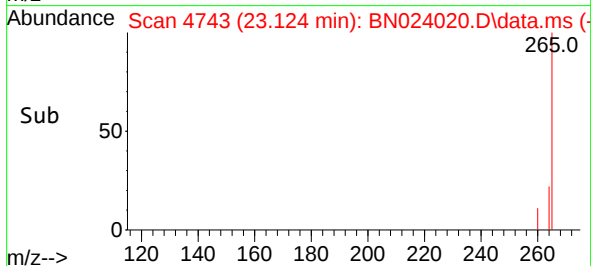
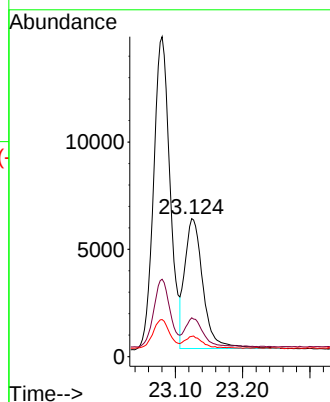
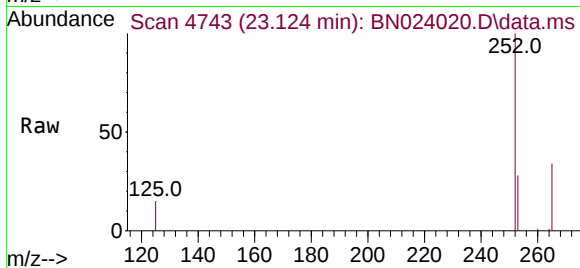




#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.124 min Scan# 4751
Delta R.T. -0.015 min
Lab File: BN024020.D
Acq: 14 Feb 2023 11:11

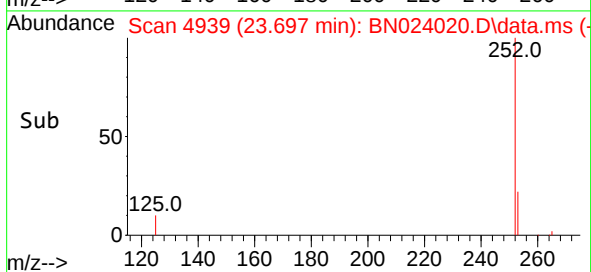
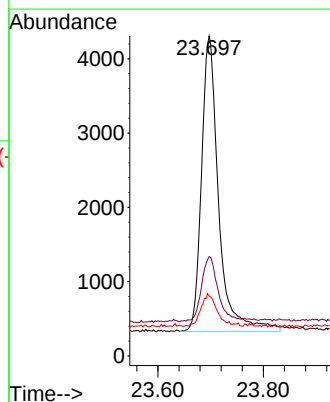
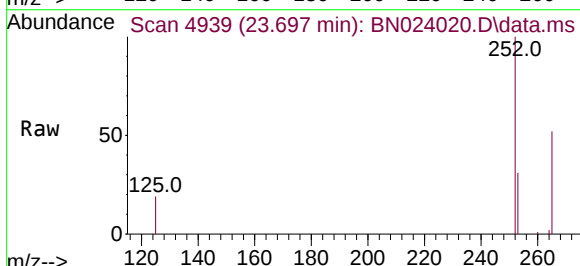
Instrument :
BNA_N
ClientSampleId :
X3E92

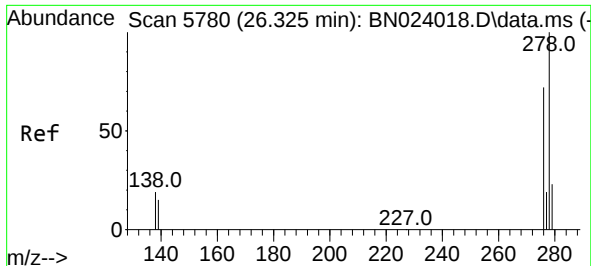
Tgt Ion:252 Resp: 11384
Ion Ratio Lower Upper
252 100
253 28.1 20.2 30.2
125 14.6 9.0 13.4#



#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.697 min Scan# 4939
Delta R.T. -0.009 min
Lab File: BN024020.D
Acq: 14 Feb 2023 11:11

Tgt Ion:252 Resp: 8928
Ion Ratio Lower Upper
252 100
253 31.0 21.5 32.3
125 18.7 11.2 16.8#





#28

Dibenzo(a,h)anthracene

Concen: 0.620 ng/ul

RT: 26.275 min Scan# 51

Delta R.T. -0.034 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Instrument :

BNA_N

ClientSampleId :

X3E92

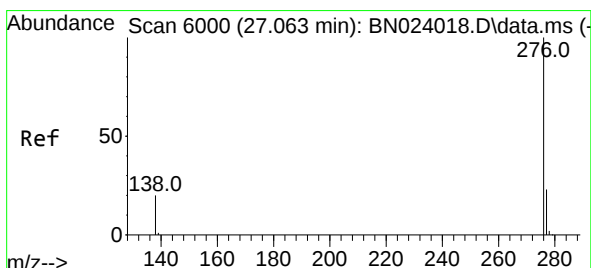
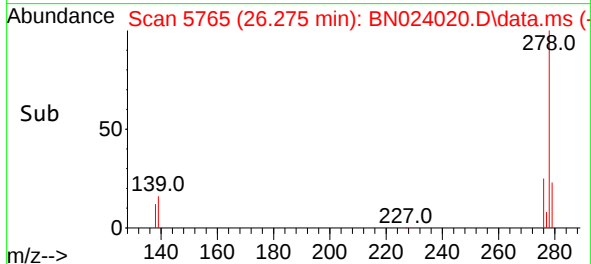
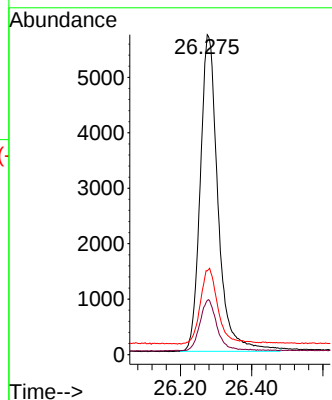
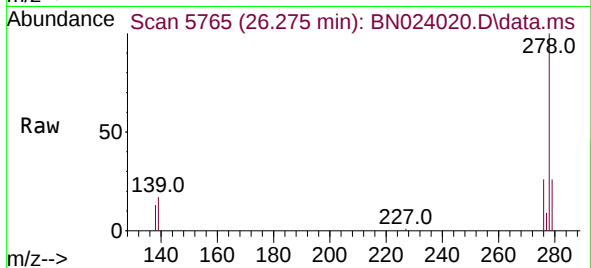
Tgt Ion:278 Resp: 19802

Ion Ratio Lower Upper

278 100

139 16.9 12.3 18.5

279 26.2 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.304 ng/ul

RT: 27.013 min Scan# 5985

Delta R.T. -0.034 min

Lab File: BN024020.D

Acq: 14 Feb 2023 11:11

Tgt Ion:276 Resp: 9988

Ion Ratio Lower Upper

276 100

138 22.1 15.3 22.9

277 25.6 19.9 29.9

