

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026907.D
 Acq On : 15 Aug 2023 18:47
 Operator : MA/JU
 Sample : 03965-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H7

Quant Time: Aug 16 00:54:46 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 : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

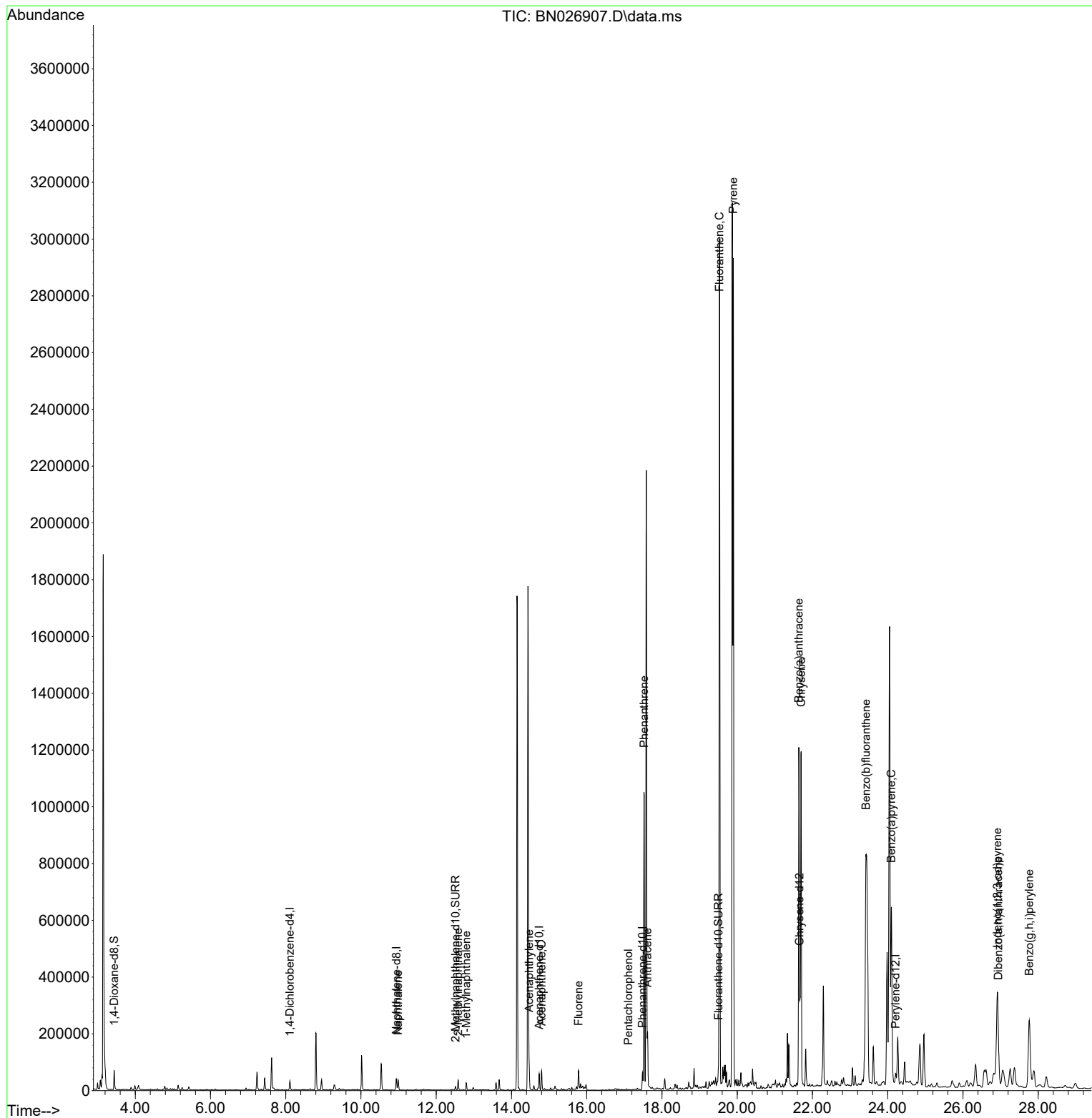
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	15729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	53761	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	31730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	72466	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	59760	0.400	ng/ul	# 0.00
23) Perylene-d12	24.211	264	52479	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	47135	2.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	16381	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.501	212	39796	0.211	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.988	128	48213	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	24242	0.263	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	17395	0.181	ng/ul	100
10) Acenaphthylene	14.467	152	106624	0.600	ng/ul	99
11) Acenaphthene	14.800	153	38640	0.314	ng/ul	99
12) Fluorene	15.781	166	48190	0.346	ng/ul	97
14) Pentachlorophenol	17.105	266	820	0.040	ng/ul	99
15) Phenanthrene	17.523	178	1117105	4.692	ng/ul	99
16) Anthracene	17.616	178	205446	0.955	ng/ul	100
19) Fluoranthene	19.529	202	2567553	10.344	ng/ul	98
20) Pyrene	19.896	202	2361884	8.917	ng/ul	98
21) Benzo(a)anthracene	21.638	228	1098043	4.620	ng/ul	99
22) Chrysene	21.697	228	1230328	5.244	ng/ul	98
24) Benzo(b)fluoranthene	23.421	252	2115388	10.657	ng/ul	94
26) Benzo(a)pyrene	24.097	252	972773	5.431	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.914	276	681681	2.909	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.938	278	160012	0.857	ng/ul	94
29) Benzo(g,h,i)perylene	27.763	276	632279	3.241	ng/ul	100

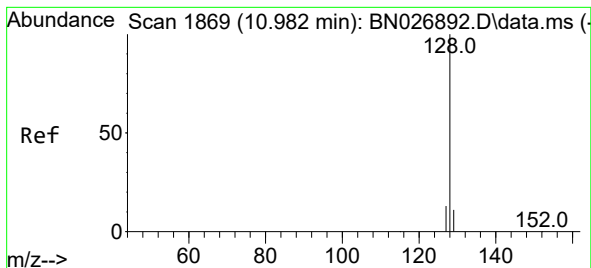
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.317 ng/ul

RT: 10.988 min Scan# 1869

Delta R.T. 0.006 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

Instrument :

BNA_N

ClientSampleId :

A48H7

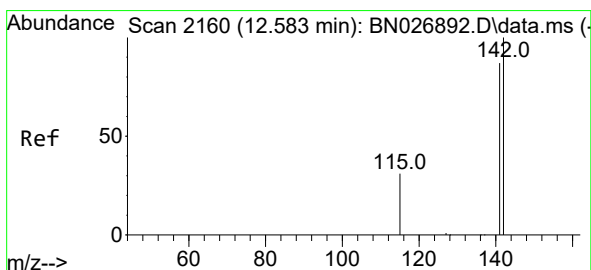
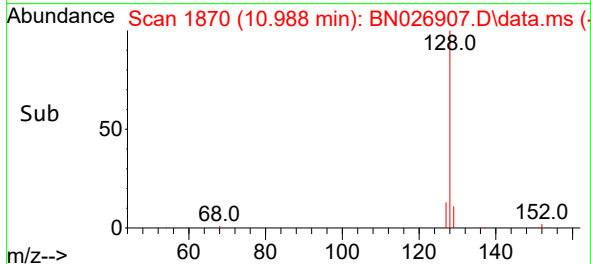
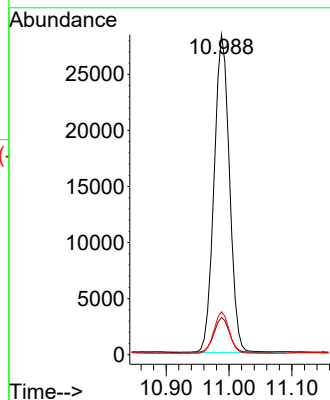
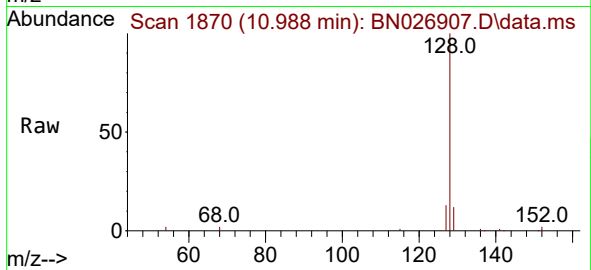
Tgt Ion:128 Resp: 48213

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

127 13.4 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.263 ng/ul

RT: 12.583 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN026907.D

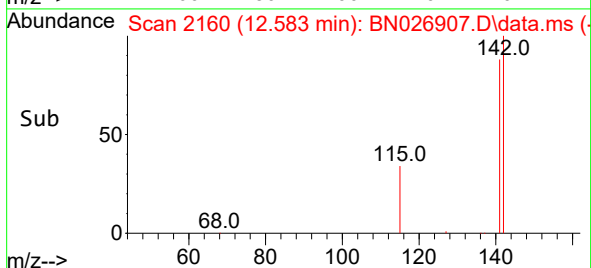
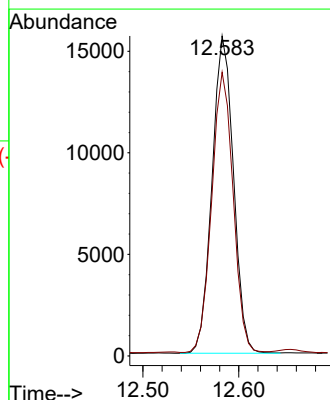
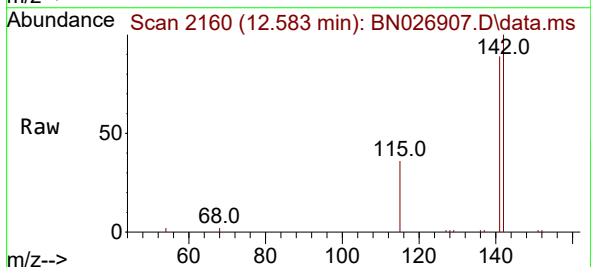
Acq: 15 Aug 2023 18:47

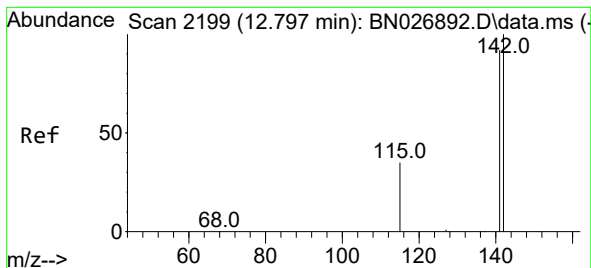
Tgt Ion:142 Resp: 24242

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3





#8

1-Methylnaphthalene

Concen: 0.181 ng/ul

RT: 12.797 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

Instrument :

BNA_N

ClientSampleId :

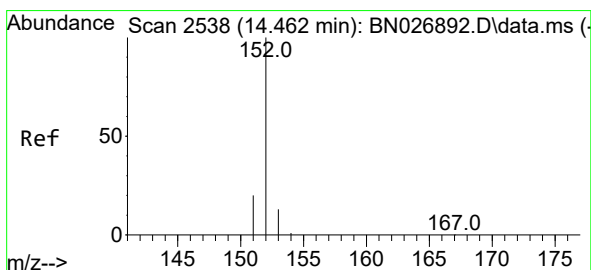
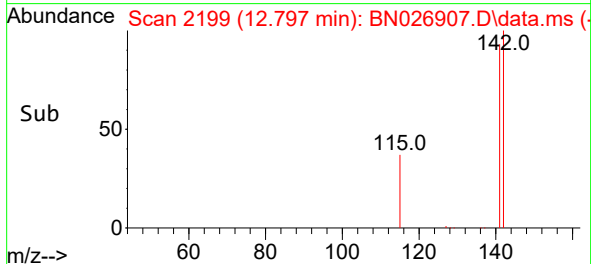
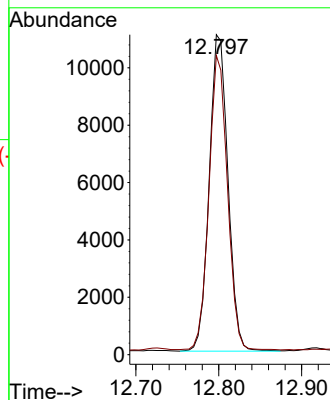
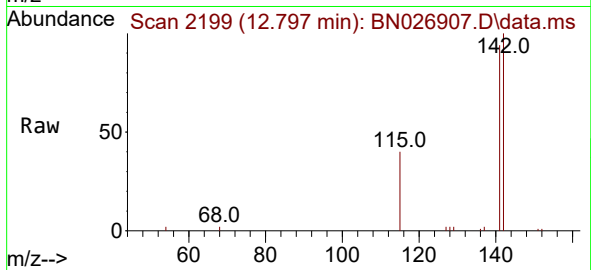
A48H7

Tgt Ion:142 Resp: 17395

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8



#10

Acenaphthylene

Concen: 0.600 ng/ul

RT: 14.467 min Scan# 2539

Delta R.T. 0.005 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

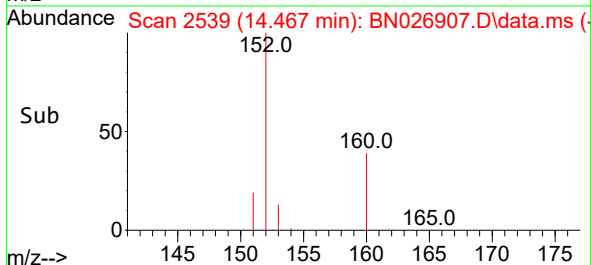
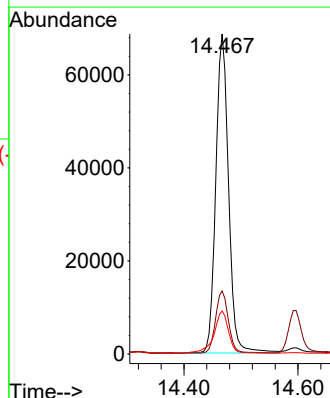
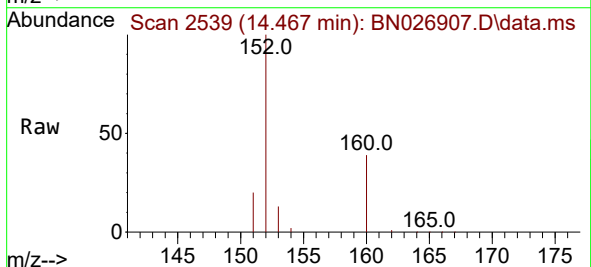
Tgt Ion:152 Resp: 106624

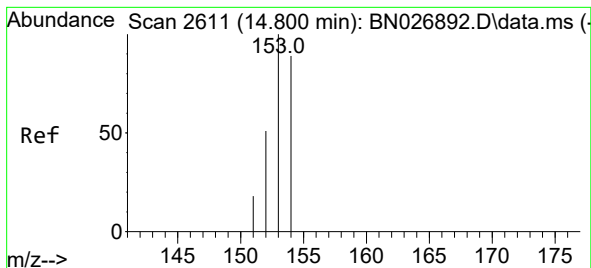
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.4 11.0 16.6





#11

Acenaphthene

Concen: 0.314 ng/ul

RT: 14.800 min Scan# 2611

Delta R.T. 0.000 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

Instrument :

BNA_N

ClientSampleId :

A48H7

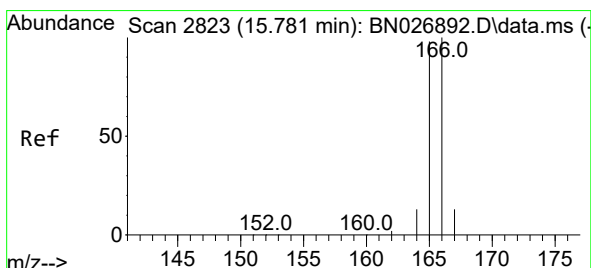
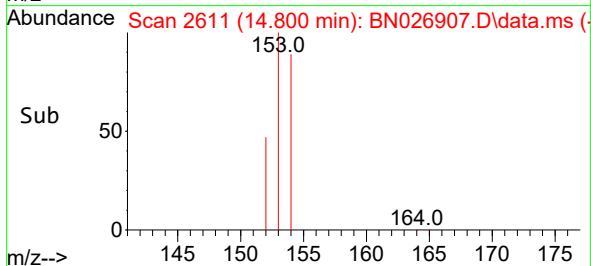
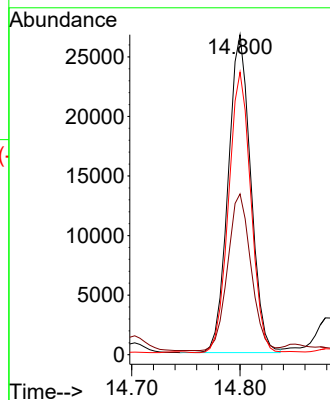
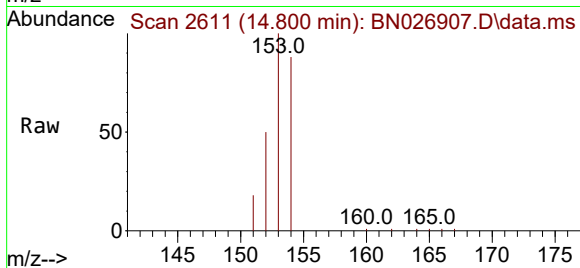
Tgt Ion:153 Resp: 38640

Ion Ratio Lower Upper

153 100

152 50.3 41.1 61.7

154 88.3 71.6 107.4



#12

Fluorene

Concen: 0.346 ng/ul

RT: 15.781 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

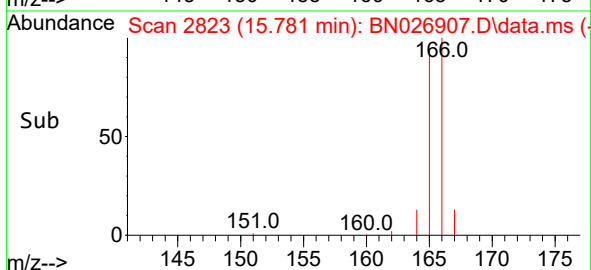
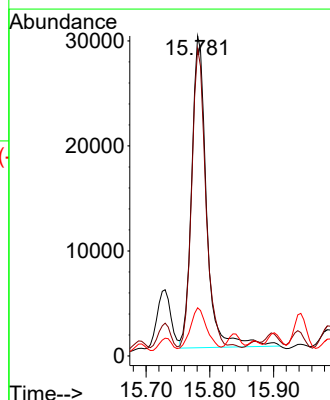
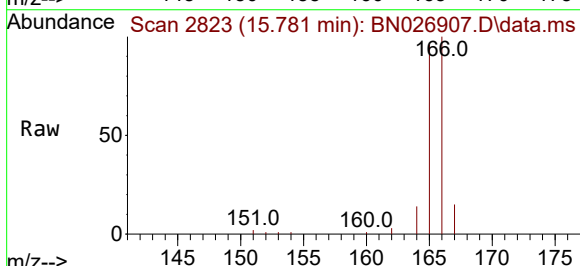
Tgt Ion:166 Resp: 48190

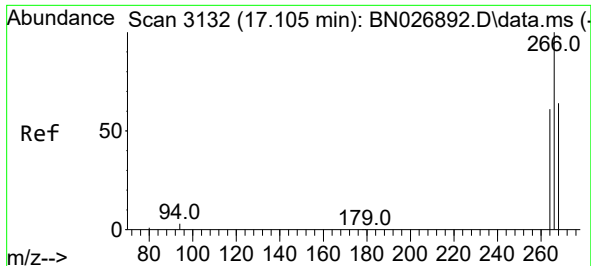
Ion Ratio Lower Upper

166 100

165 96.0 79.1 118.7

167 15.0 11.4 17.0

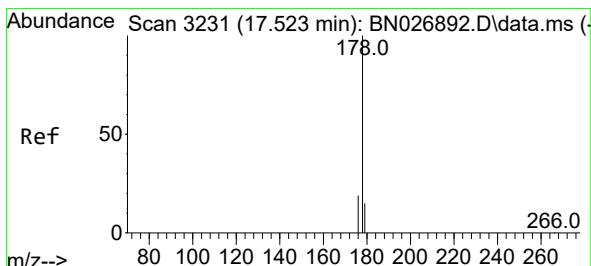
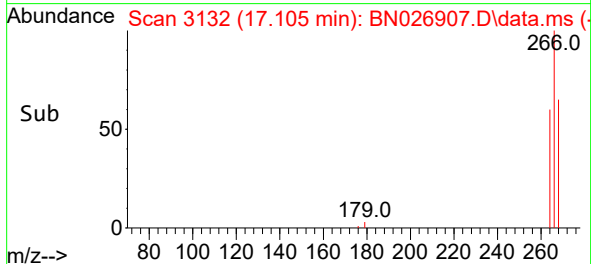
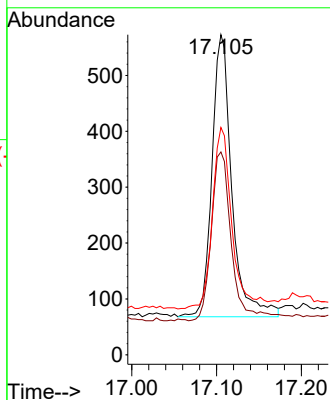
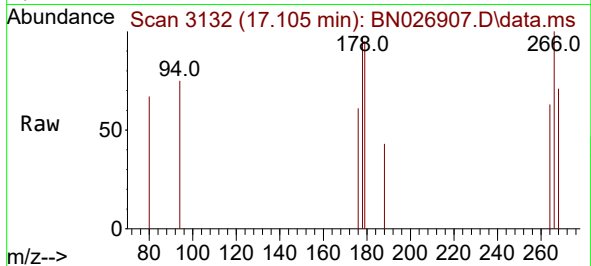




#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 17.105 min Scan# 3132
Delta R.T. 0.000 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

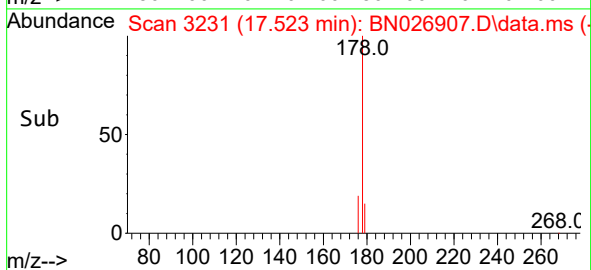
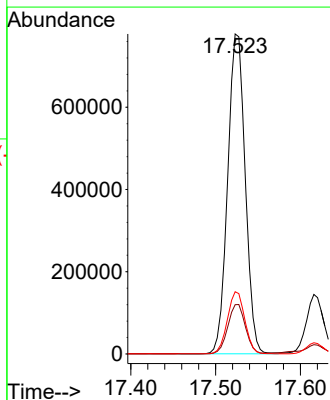
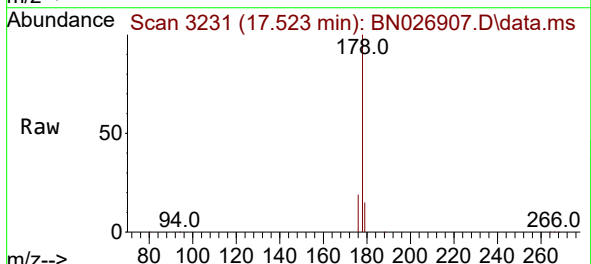
Instrument :
BNA_N
ClientSampleId :
A48H7

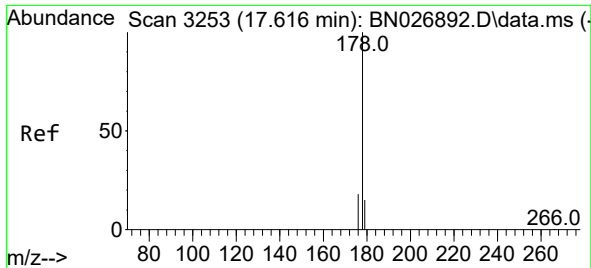
Tgt Ion:266 Resp: 820
Ion Ratio Lower Upper
266 100
264 62.1 50.4 75.6
268 64.8 51.2 76.8



#15
Phenanthrene
Concen: 4.692 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Tgt Ion:178 Resp: 1117105
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.5 15.4 23.2

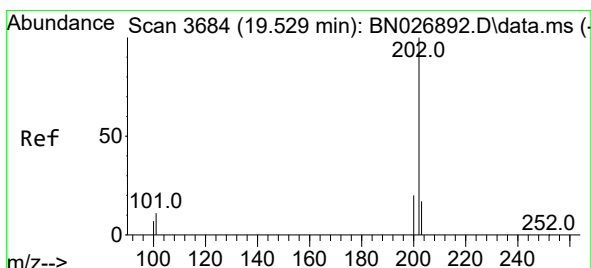
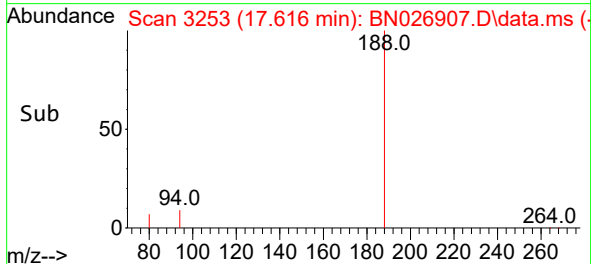
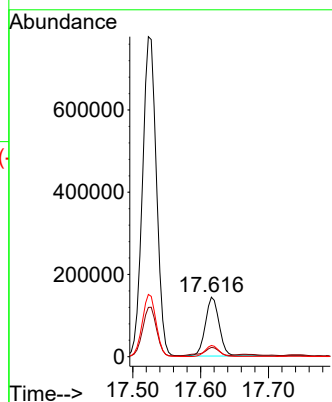
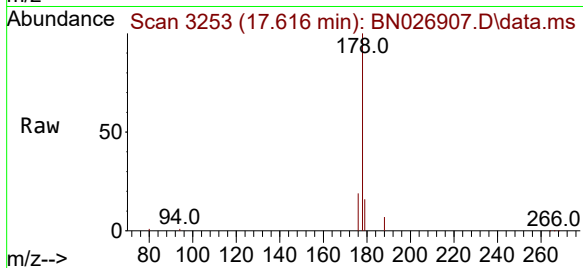




#16
 Anthracene
 Concen: 0.955 ng/ul
 RT: 17.616 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN026907.D
 Acq: 15 Aug 2023 18:47

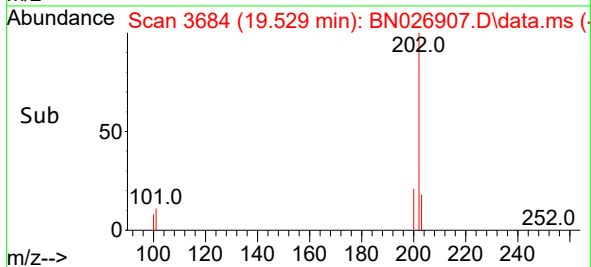
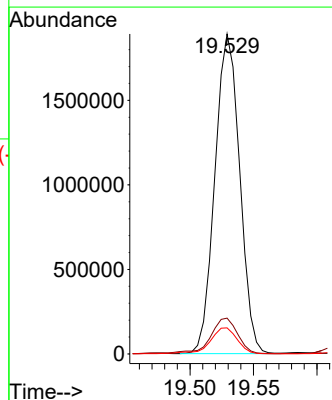
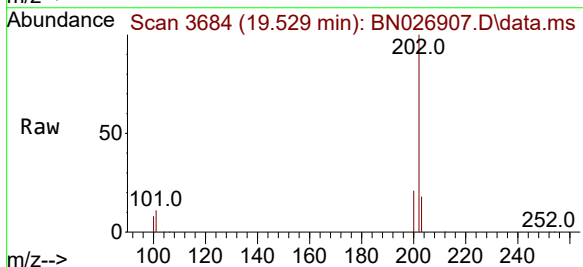
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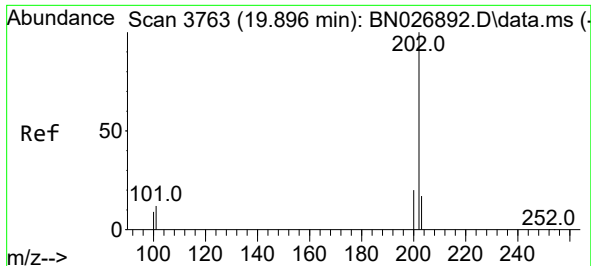
Tgt Ion:178 Resp: 205446
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 18.8 15.0 22.6



#19
 Fluoranthene
 Concen: 10.344 ng/ul
 RT: 19.529 min Scan# 3684
 Delta R.T. 0.000 min
 Lab File: BN026907.D
 Acq: 15 Aug 2023 18:47

Tgt Ion:202 Resp: 2567553
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.3 12.5
 100 8.2 6.2 9.2

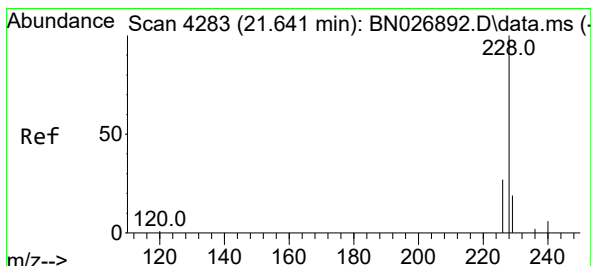
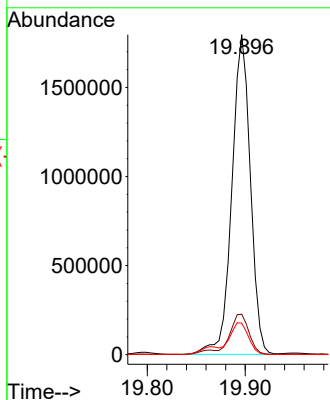
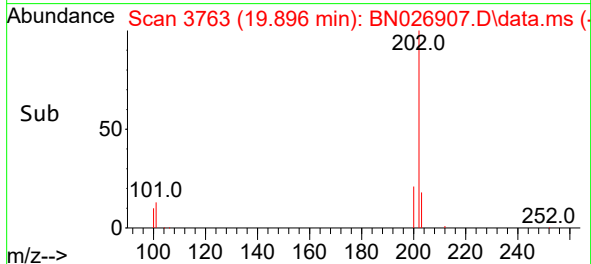
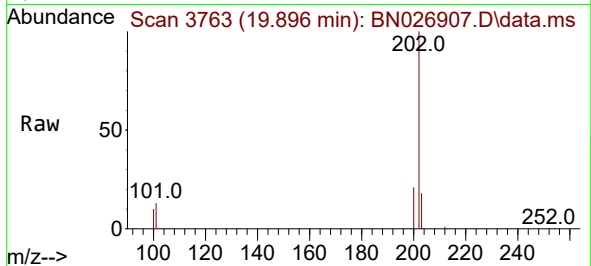




#20
Pyrene
Concen: 8.917 ng/ul
RT: 19.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

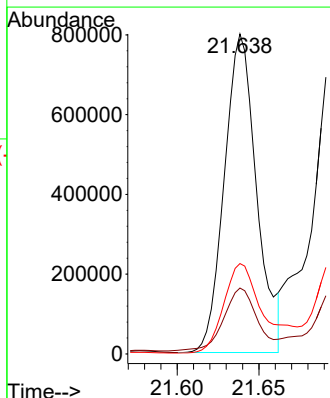
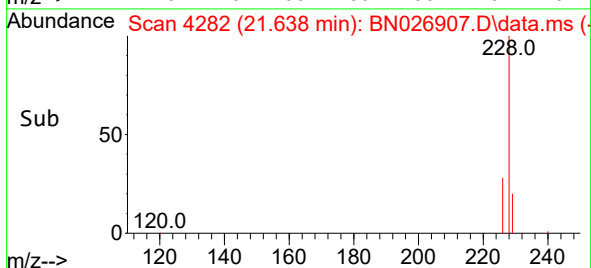
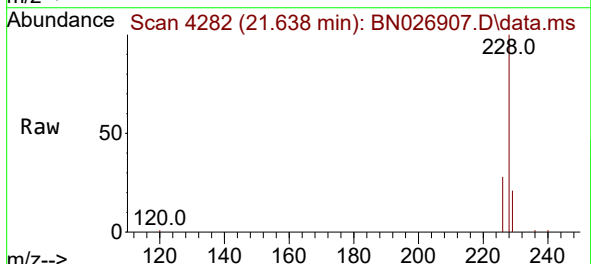
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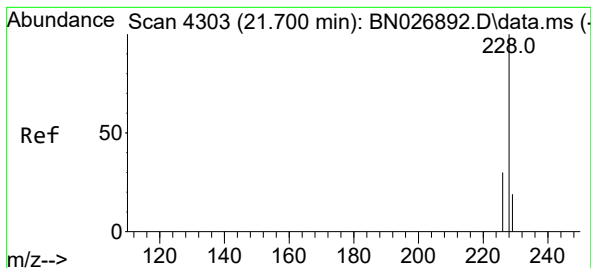
Tgt Ion:202 Resp: 2361884
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.9 8.5 12.7



#21
Benzo(a)anthracene
Concen: 4.620 ng/ul
RT: 21.638 min Scan# 4282
Delta R.T. -0.003 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Tgt Ion:228 Resp: 1098043
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.2 22.2 33.2





#22

Chrysene

Concen: 5.244 ng/ul

RT: 21.697 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

Instrument :

BNA_N

ClientSampleId :

A48H7

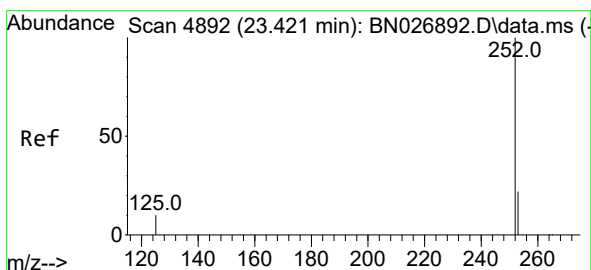
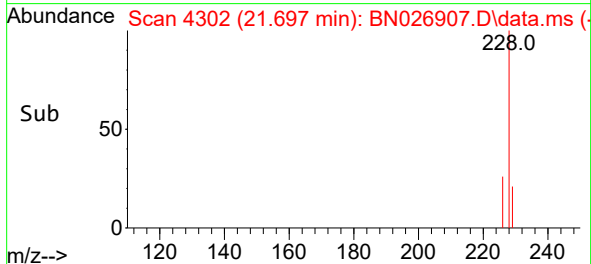
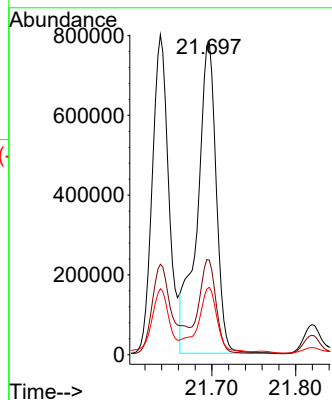
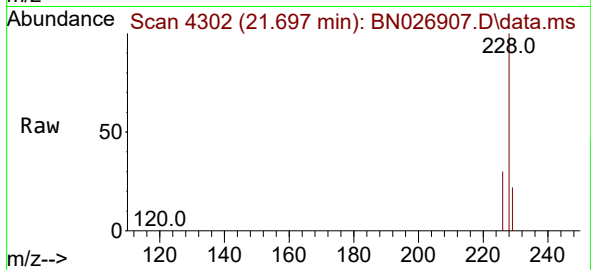
Tgt Ion:228 Resp: 1230328

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 21.6 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 10.657 ng/ul

RT: 23.421 min Scan# 4892

Delta R.T. 0.000 min

Lab File: BN026907.D

Acq: 15 Aug 2023 18:47

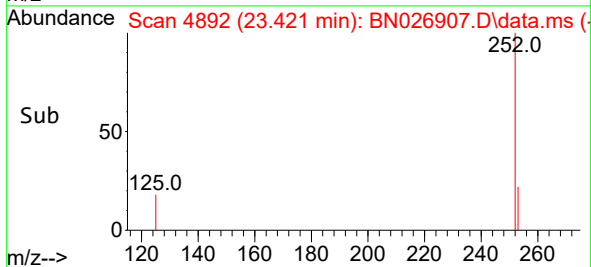
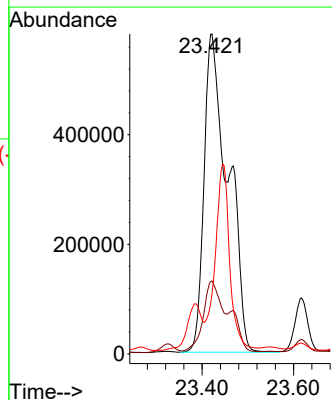
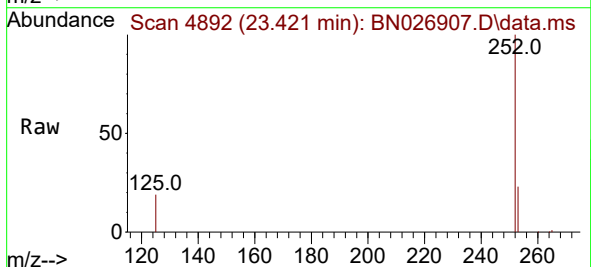
Tgt Ion:252 Resp: 2115388

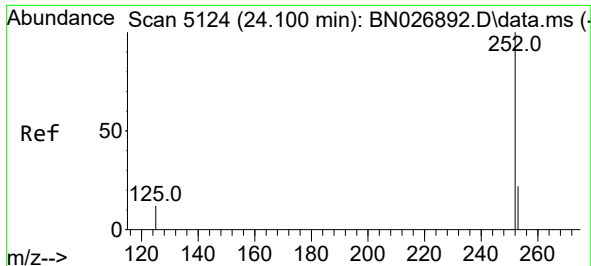
Ion Ratio Lower Upper

252 100

253 22.8 0.0 46.8

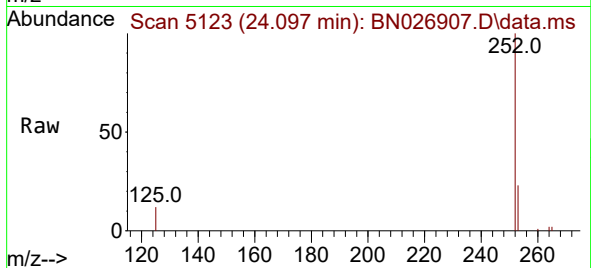
125 18.7 0.0 25.2



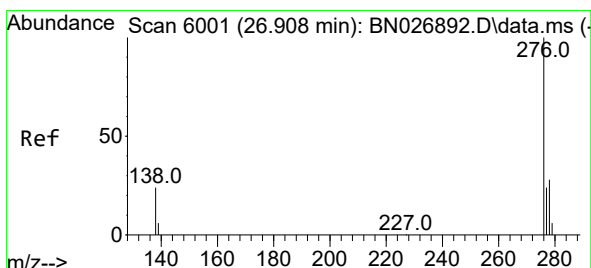
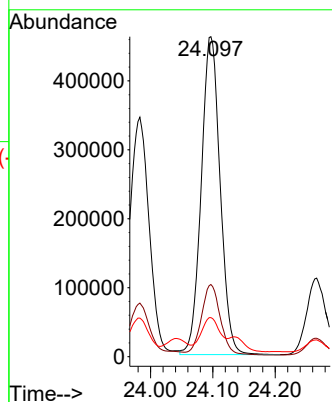
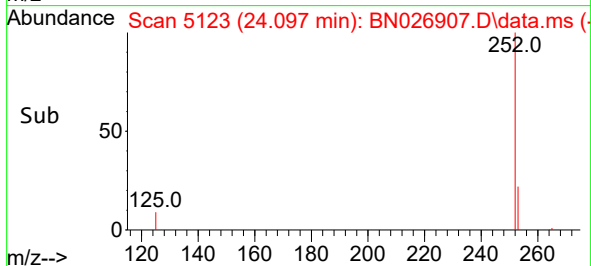


#26
Benzo(a)pyrene
Concen: 5.431 ng/ul
RT: 24.097 min Scan# 5124
Delta R.T. -0.003 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Instrument :
BNA_N
ClientSampleId :
A48H7

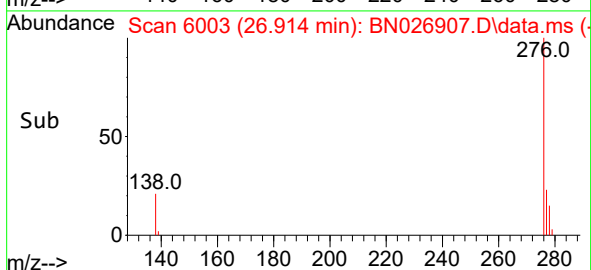
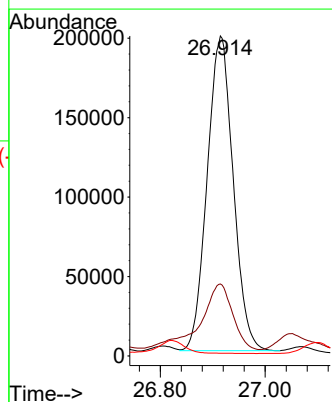
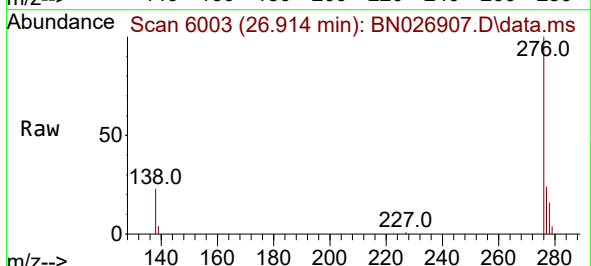


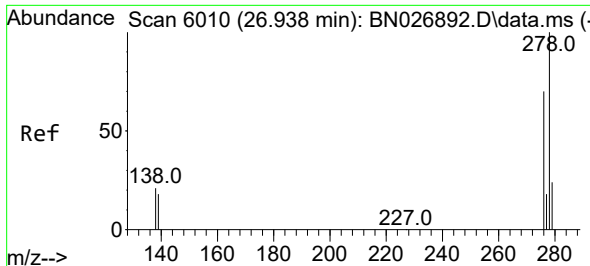
Tgt Ion:252 Resp: 972773
Ion Ratio Lower Upper
252 100
253 22.6 19.0 28.6
125 12.2 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.909 ng/ul
RT: 26.914 min Scan# 6003
Delta R.T. 0.007 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Tgt Ion:276 Resp: 681681
Ion Ratio Lower Upper
276 100
138 26.2 21.6 32.4
227 0.0 0.0 0.0

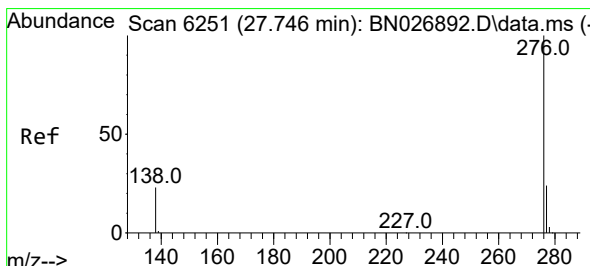
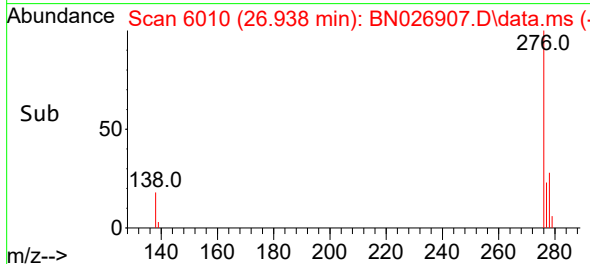
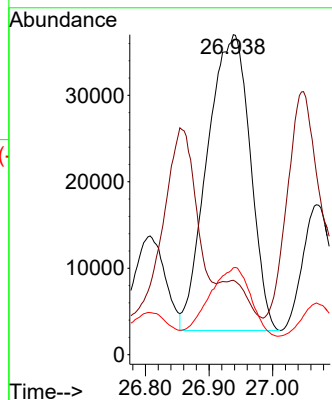
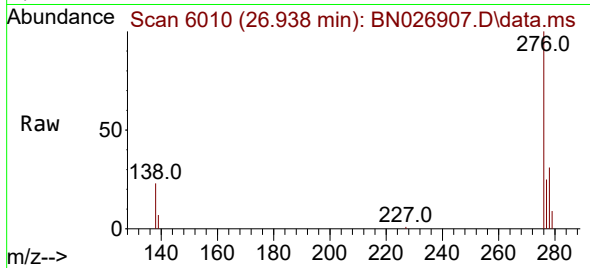




#28
Dibenzo(a,h)anthracene
Concen: 0.857 ng/ul
RT: 26.938 min Scan# 6010
Delta R.T. 0.000 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Instrument :
BNA_N
ClientSampleId :
A48H7

Tgt Ion:278 Resp: 160012
Ion Ratio Lower Upper
278 100
139 23.3 15.7 23.5
279 27.1 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 3.241 ng/ul
RT: 27.763 min Scan# 6256
Delta R.T. 0.017 min
Lab File: BN026907.D
Acq: 15 Aug 2023 18:47

Tgt Ion:276 Resp: 632279
Ion Ratio Lower Upper
276 100
138 23.9 19.3 28.9
277 24.5 19.8 29.8

