

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026906.D
 Acq On : 15 Aug 2023 18:10
 Operator : MA/JU
 Sample : 03965-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H2

Quant Time: Aug 16 00:54:37 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)

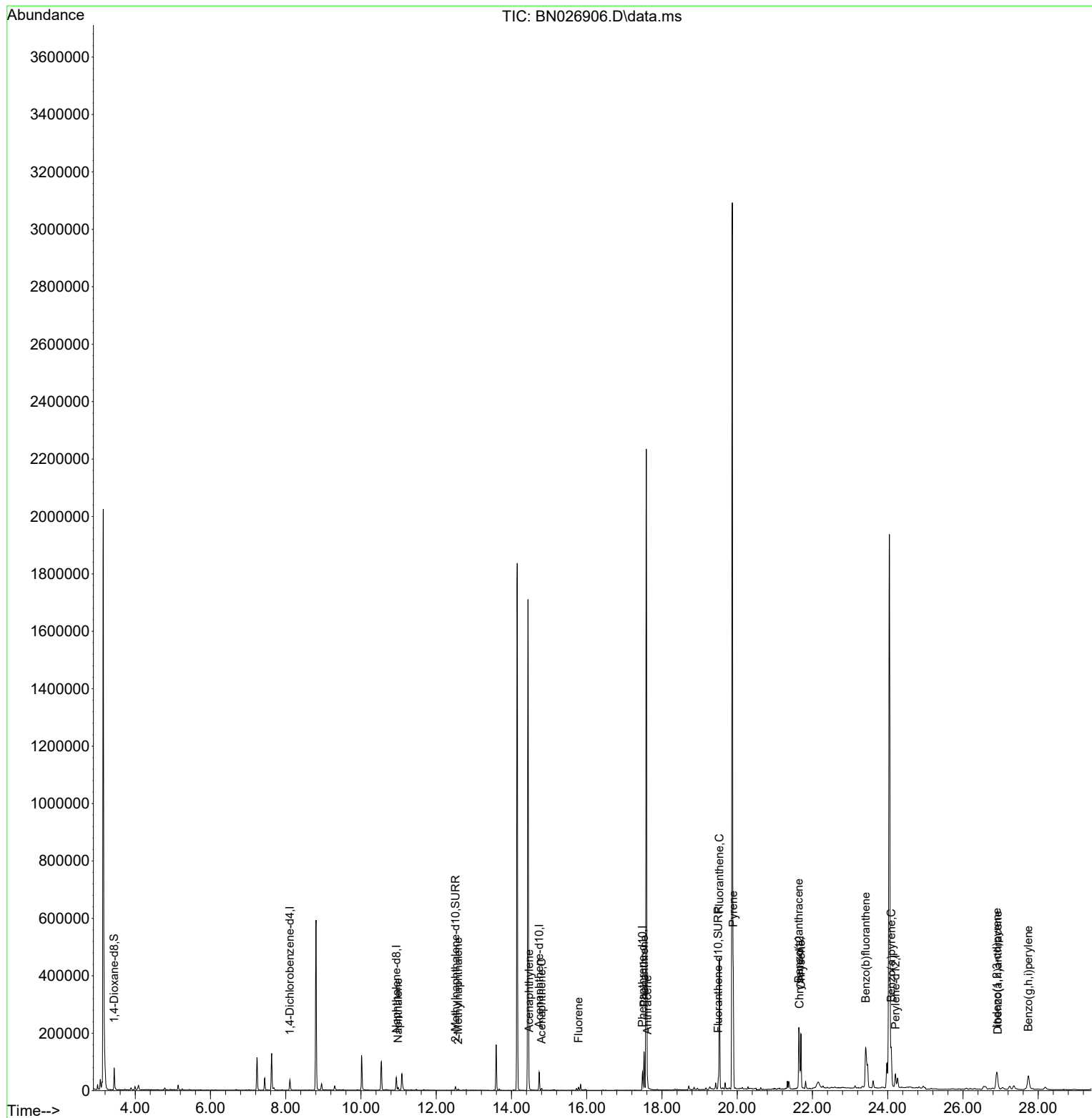
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	17608	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	58959	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	34224	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	76137	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	65032	0.400	ng/ul	0.00
23) Perylene-d12	24.205	264	69315	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	53330	2.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	15893	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	40309	0.196	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.988	128	12824	0.077	ng/ul	96
7) 2-Methylnaphthalene	12.583	142	2735	0.027	ng/ul	99
10) Acenaphthylene	14.467	152	16514	0.086	ng/ul	98
11) Acenaphthene	14.800	153	3862	0.029	ng/ul	97
12) Fluorene	15.781	166	6735	0.045	ng/ul	98
15) Phenanthrene	17.523	178	139457	0.558	ng/ul	99
16) Anthracene	17.616	178	25764	0.114	ng/ul	99
19) Fluoranthene	19.529	202	393702	1.457	ng/ul	100
20) Pyrene	19.896	202	348506	1.209	ng/ul	96
21) Benzo(a)anthracene	21.638	228	182840	0.707	ng/ul	97
22) Chrysene	21.691	228	204189	0.800	ng/ul	98
24) Benzo(b)fluoranthene	23.413	252	385611	1.471	ng/ul	99
26) Benzo(a)pyrene	24.091	252	187846	0.794	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.901	276	123812	0.400	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.924	278	27081	0.110	ng/ul#	84
29) Benzo(g,h,i)perylene	27.739	276	119588	0.464	ng/ul	99

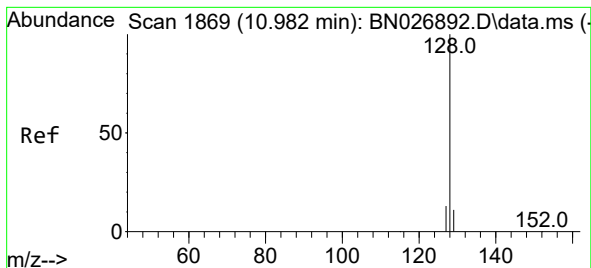
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.077 ng/ul

RT: 10.988 min Scan# 1869

Delta R.T. 0.006 min

Lab File: BN026906.D

Acq: 15 Aug 2023 18:10

Instrument :

BNA_N

ClientSampleId :

A48H2

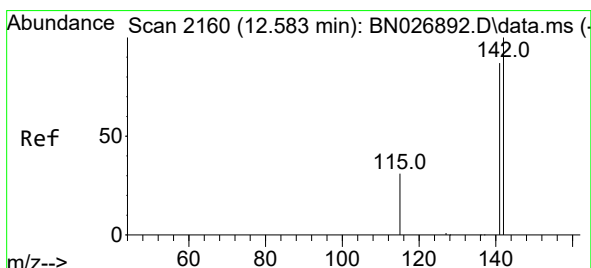
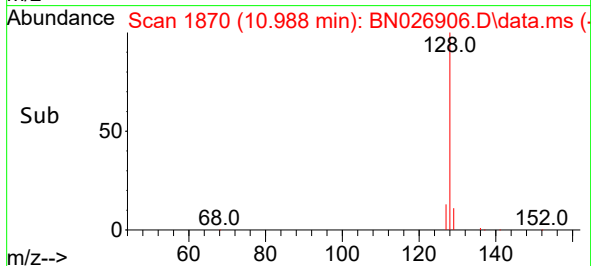
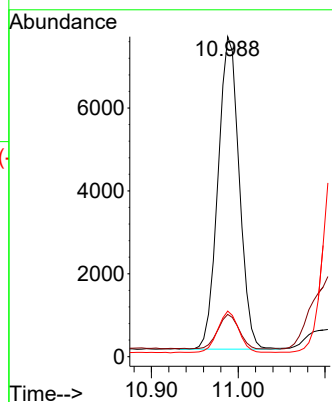
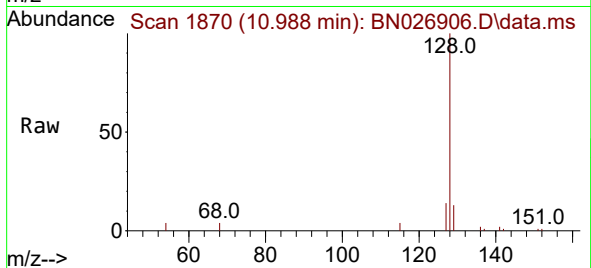
Tgt Ion:128 Resp: 12824

Ion Ratio Lower Upper

128 100

129 13.2 9.2 13.8

127 14.2 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.583 min Scan# 2160

Delta R.T. 0.000 min

Lab File: BN026906.D

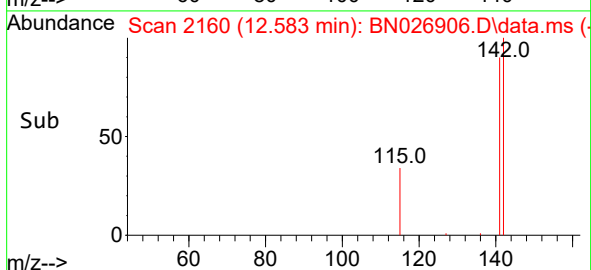
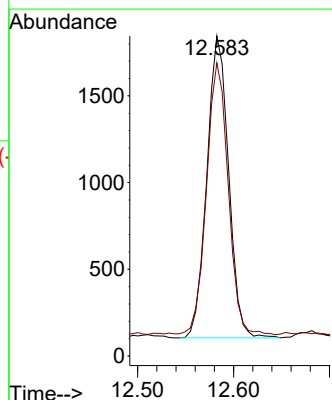
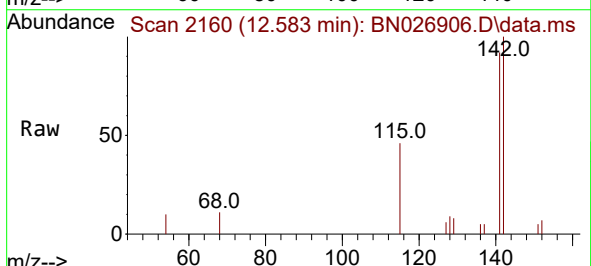
Acq: 15 Aug 2023 18:10

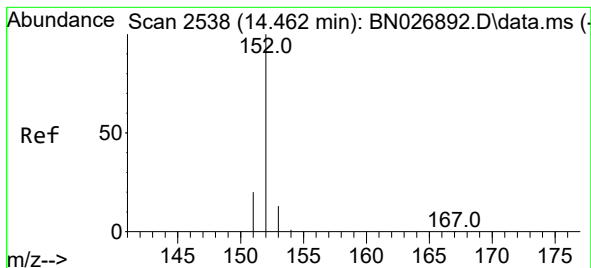
Tgt Ion:142 Resp: 2735

Ion Ratio Lower Upper

142 100

141 89.8 70.9 106.3





#10

Acenaphthylene

Concen: 0.086 ng/ul

RT: 14.467 min Scan# 2538

Delta R.T. 0.005 min

Lab File: BN026906.D

Acq: 15 Aug 2023 18:10

Instrument :

BNA_N

ClientSampleId :

A48H2

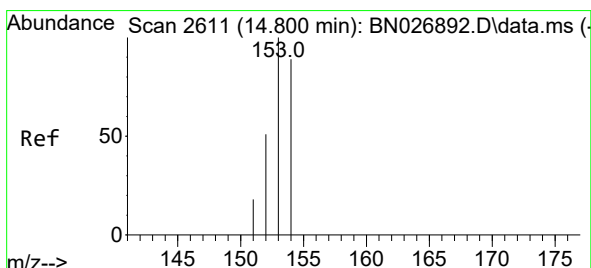
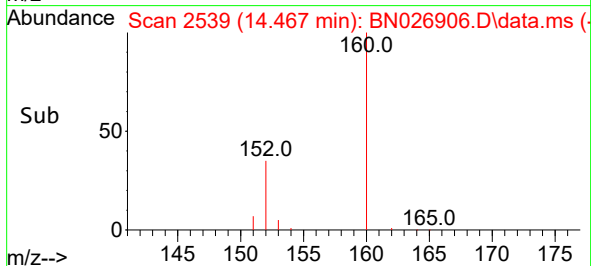
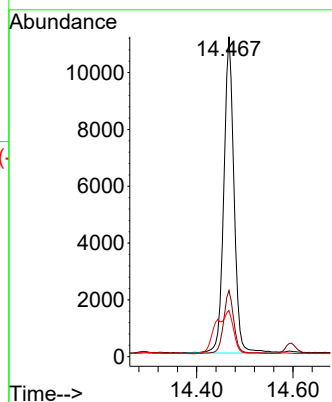
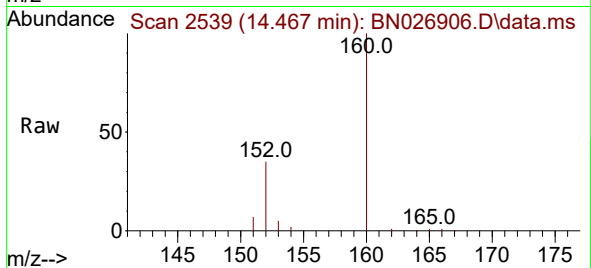
Tgt Ion:152 Resp: 16514

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 14.4 11.0 16.6



#11

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.800 min Scan# 2611

Delta R.T. 0.000 min

Lab File: BN026906.D

Acq: 15 Aug 2023 18:10

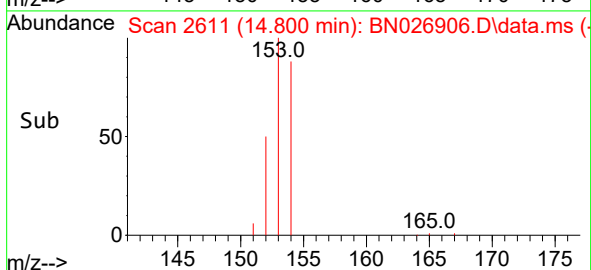
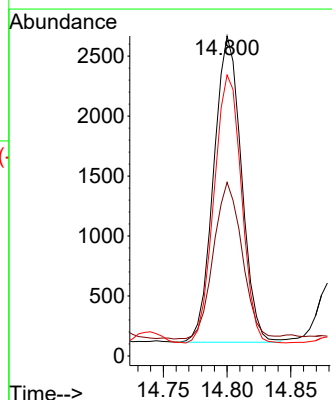
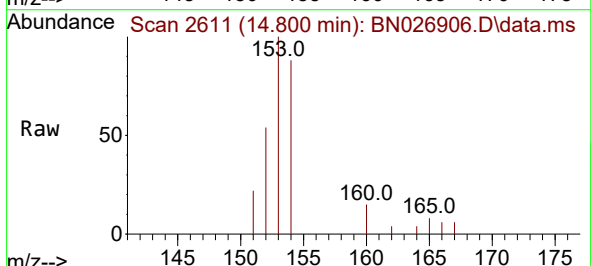
Tgt Ion:153 Resp: 3862

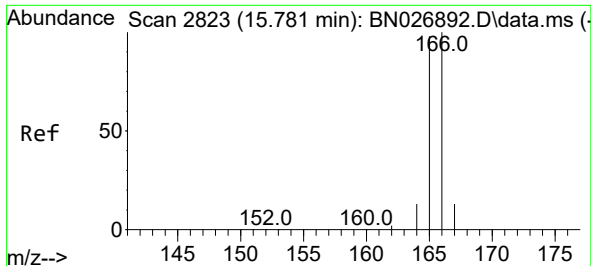
Ion Ratio Lower Upper

153 100

152 54.3 41.1 61.7

154 87.8 71.6 107.4

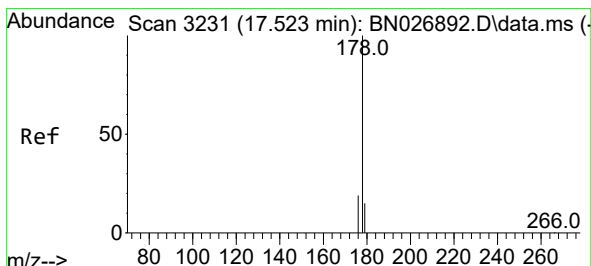
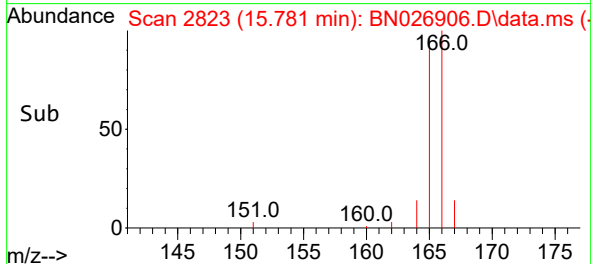
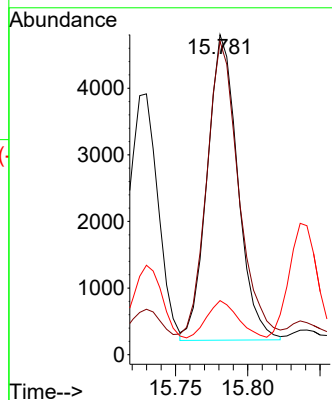
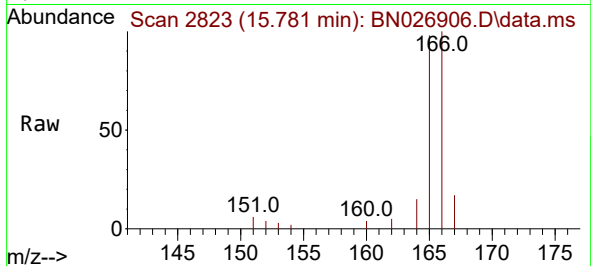




#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

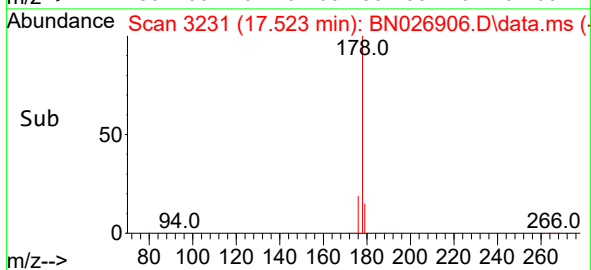
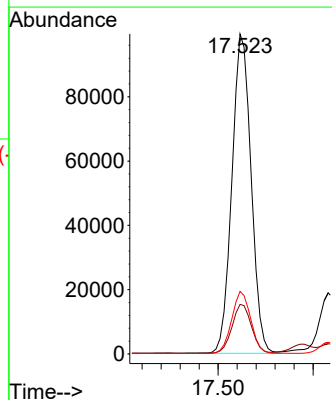
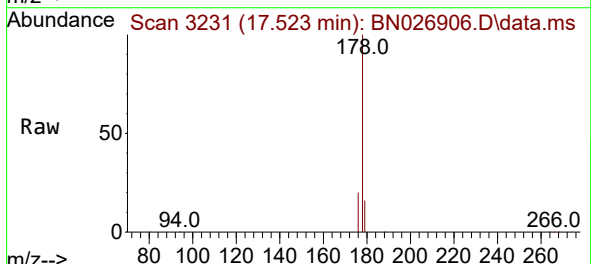
Instrument :
BNA_N
ClientSampleId :
A48H2

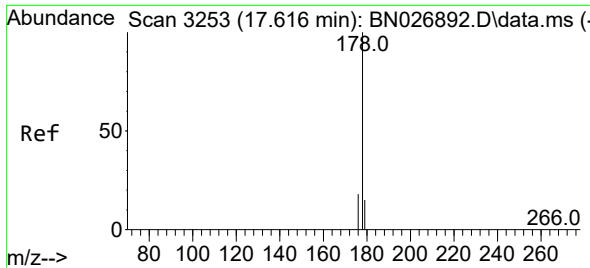
Tgt Ion:166 Resp: 6735
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 16.9 11.4 17.0



#15
Phenanthrene
Concen: 0.558 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

Tgt Ion:178 Resp: 139457
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.6 15.4 23.2

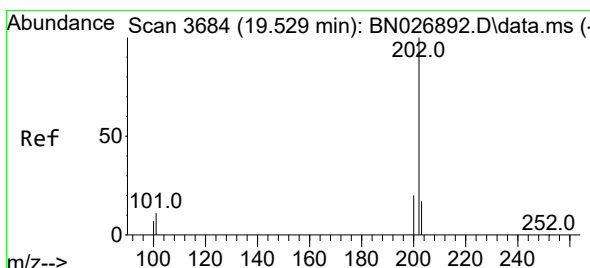
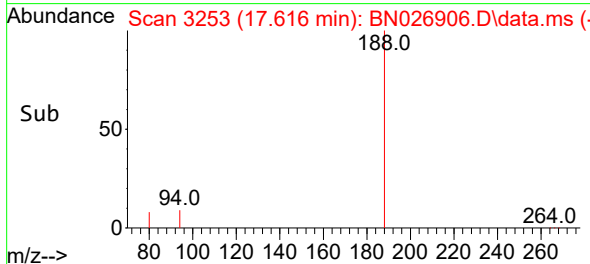
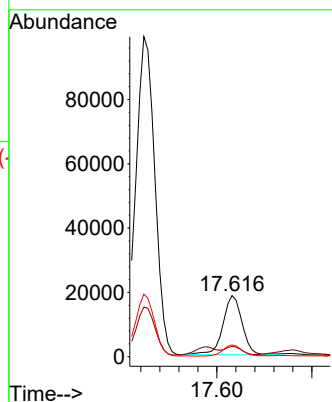
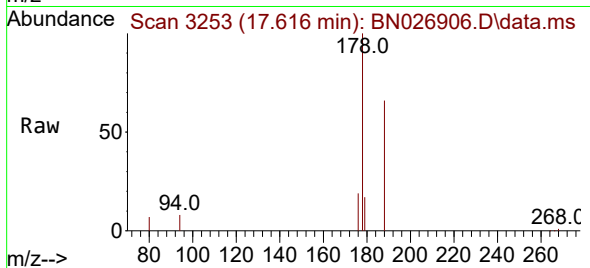




#16
 Anthracene
 Concen: 0.114 ng/ul
 RT: 17.616 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN026906.D
 Acq: 15 Aug 2023 18:10

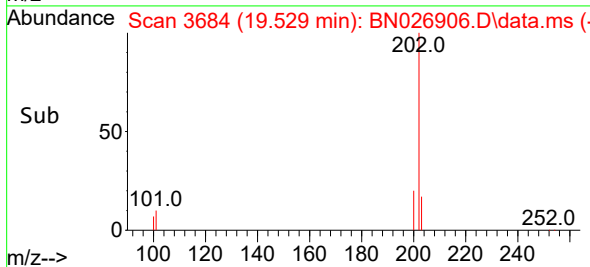
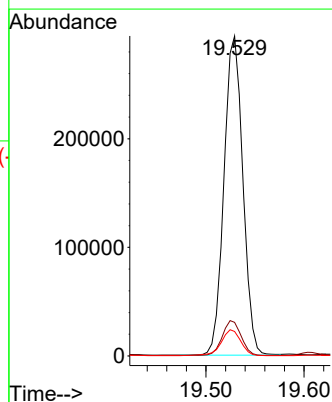
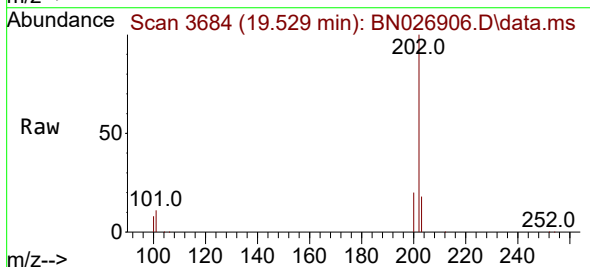
Instrument :
 BNA_N
 ClientSampleId :
 A48H2

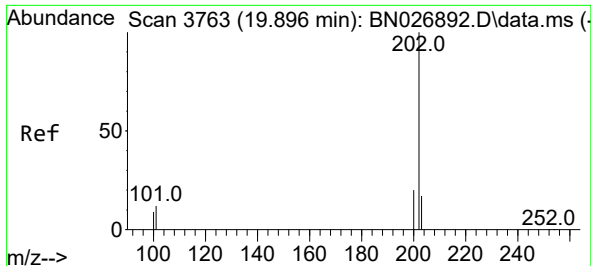
Tgt Ion:178 Resp: 25764
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.6 19.0
 176 19.1 15.0 22.6



#19
 Fluoranthene
 Concen: 1.457 ng/ul
 RT: 19.529 min Scan# 3684
 Delta R.T. 0.000 min
 Lab File: BN026906.D
 Acq: 15 Aug 2023 18:10

Tgt Ion:202 Resp: 393702
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.3 12.5
 100 7.6 6.2 9.2

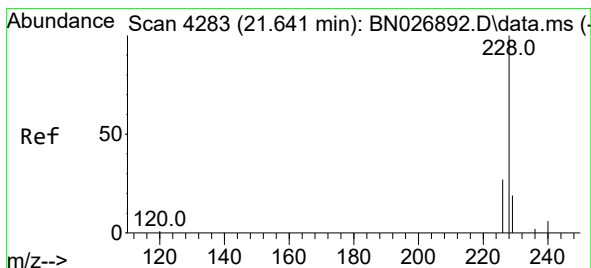
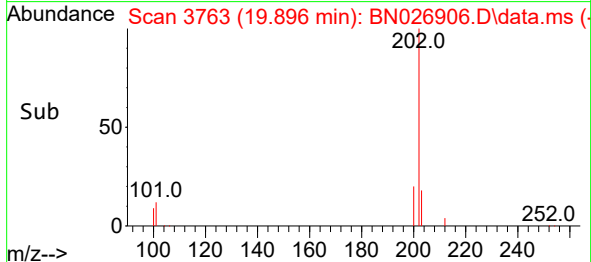
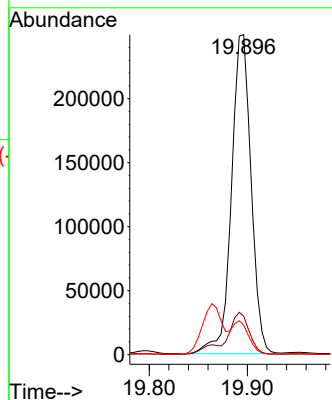
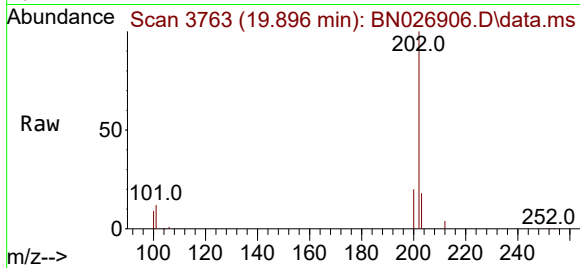




#20
Pyrene
Concen: 1.209 ng/ul
RT: 19.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

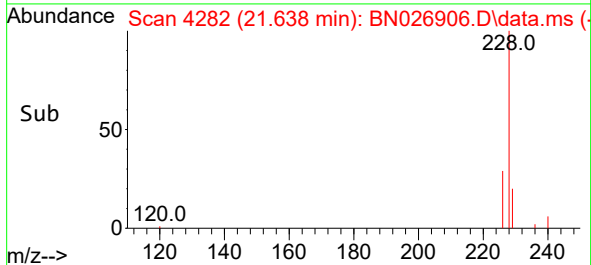
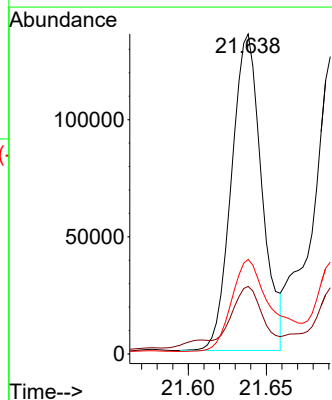
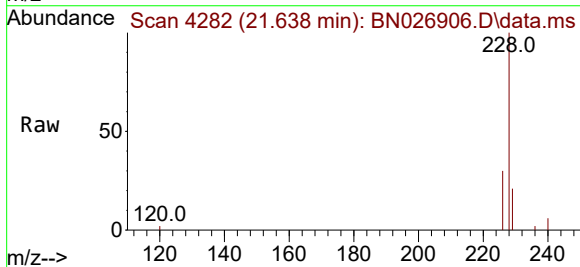
Instrument :
BNA_N
ClientSampleId :
A48H2

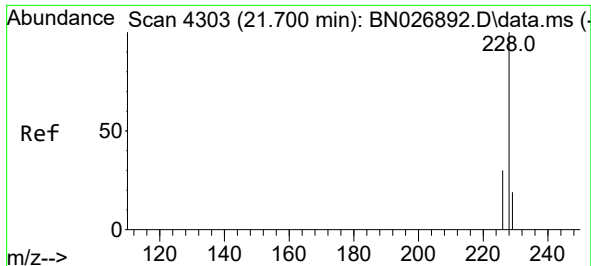
Tgt Ion:202 Resp: 348506
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.3 8.5 12.7



#21
Benzo(a)anthracene
Concen: 0.707 ng/ul
RT: 21.638 min Scan# 4282
Delta R.T. -0.003 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

Tgt Ion:228 Resp: 182840
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 29.6 22.2 33.2





#22

Chrysene

Concen: 0.800 ng/ul

RT: 21.691 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN026906.D

Acq: 15 Aug 2023 18:10

Instrument :

BNA_N

ClientSampleId :

A48H2

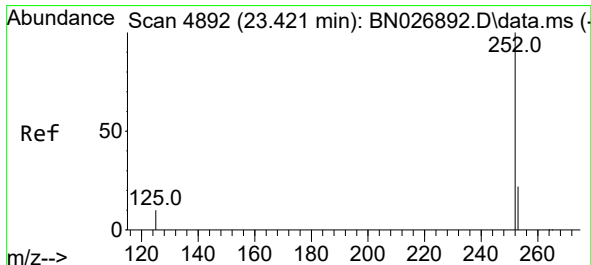
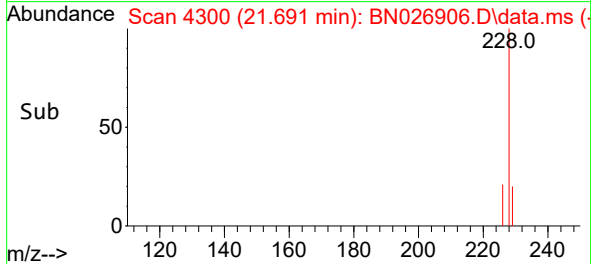
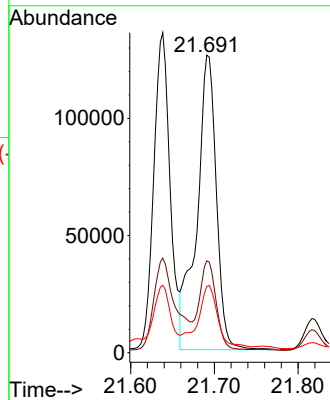
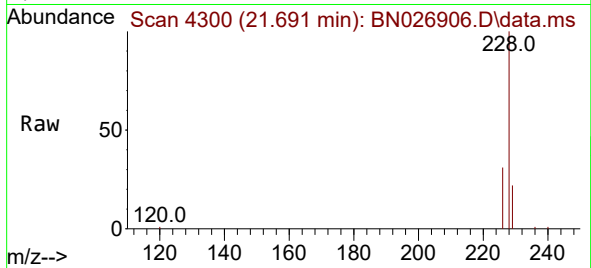
Tgt Ion:228 Resp: 204189

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 22.3 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 1.471 ng/ul

RT: 23.413 min Scan# 4889

Delta R.T. -0.009 min

Lab File: BN026906.D

Acq: 15 Aug 2023 18:10

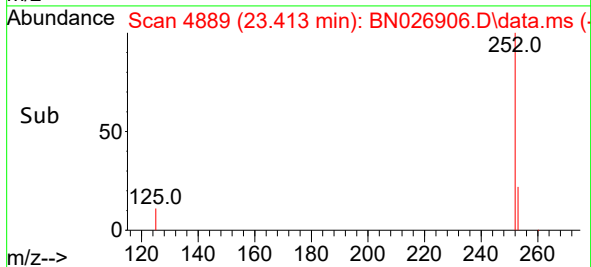
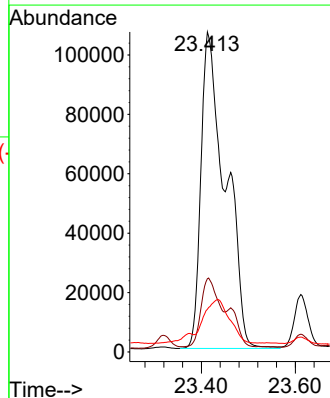
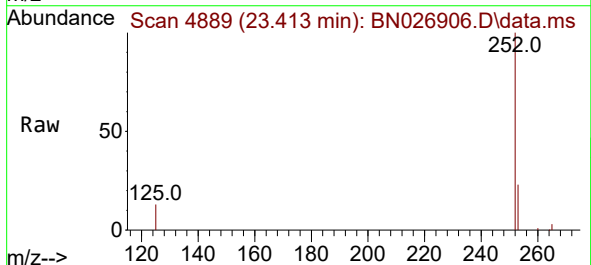
Tgt Ion:252 Resp: 385611

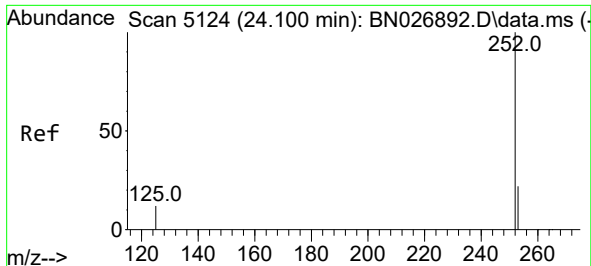
Ion Ratio Lower Upper

252 100

253 22.9 0.0 46.8

125 13.4 0.0 25.2

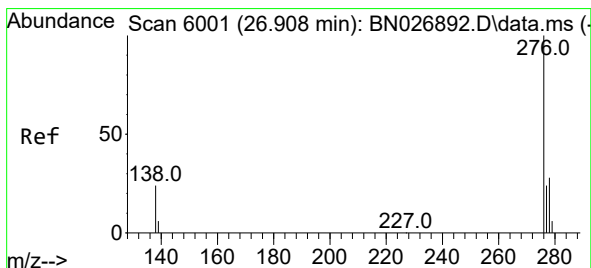
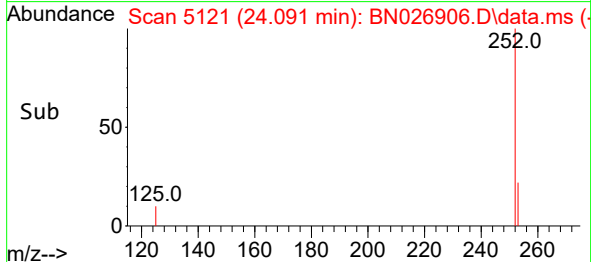
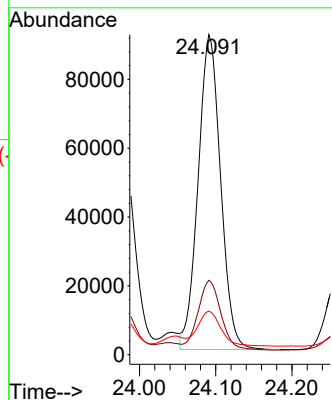
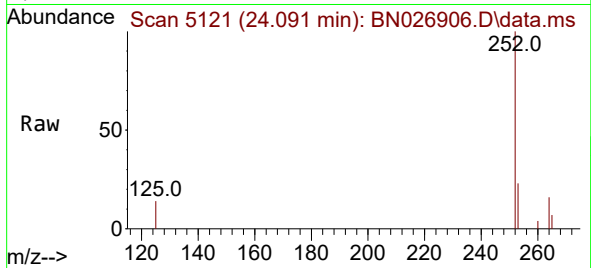




#26
Benzo(a)pyrene
Concen: 0.794 ng/ul
RT: 24.091 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

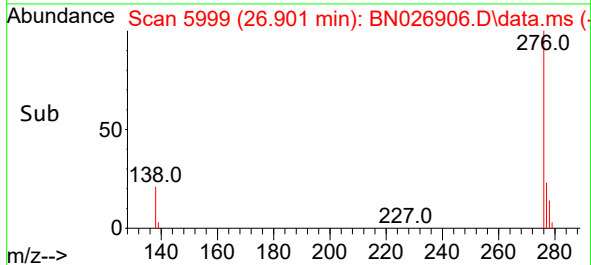
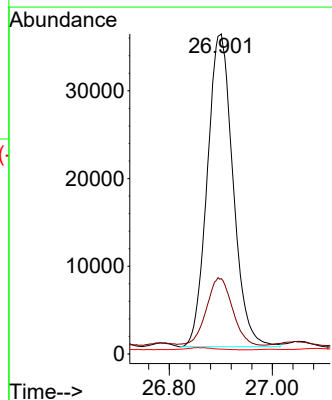
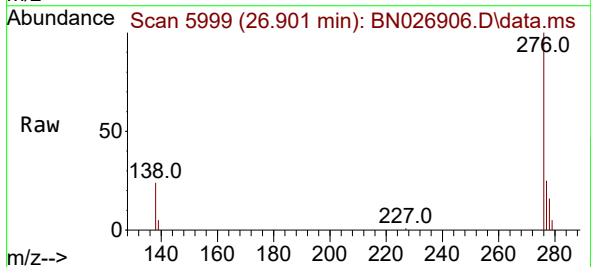
Instrument :
BNA_N
ClientSampleId :
A48H2

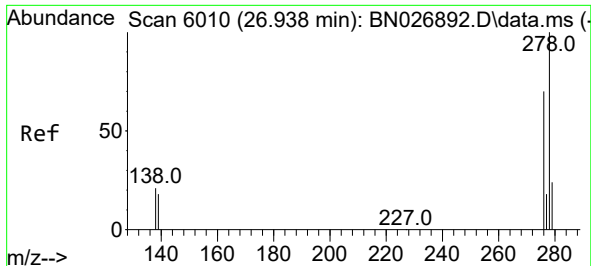
Tgt Ion:252 Resp: 187846
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 13.6 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.901 min Scan# 5999
Delta R.T. -0.007 min
Lab File: BN026906.D
Acq: 15 Aug 2023 18:10

Tgt Ion:276 Resp: 123812
Ion Ratio Lower Upper
276 100
138 21.6 21.6 32.4
227 0.0 0.0 0.0

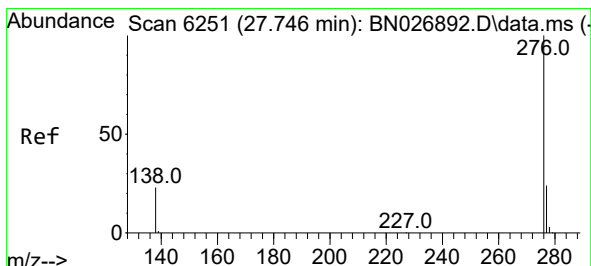
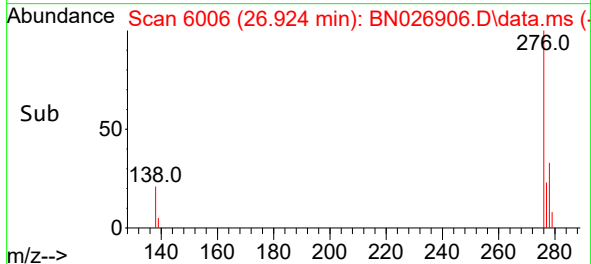
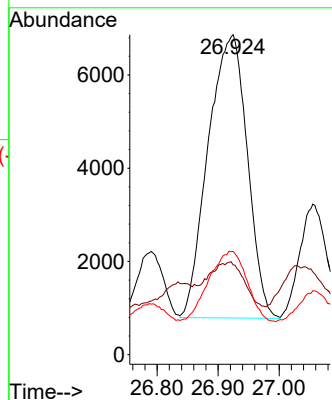
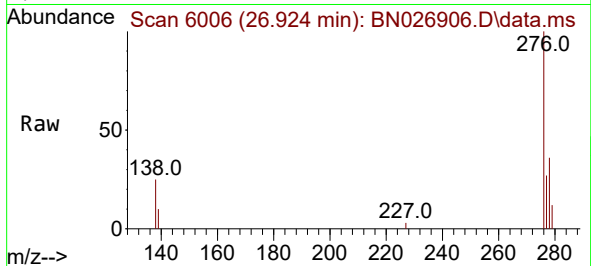




#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 26.924 min Scan# 6010
 Delta R.T. -0.013 min
 Lab File: BN026906.D
 Acq: 15 Aug 2023 18:10

Instrument :
 BNA_N
 ClientSampleId :
 A48H2

Tgt Ion: 278 Resp: 27081
 Ion Ratio Lower Upper
 278 100
 139 28.1 15.7 23.5#
 279 32.3 20.2 30.4#



#29
 Benzo(g,h,i)perylene
 Concen: 0.464 ng/ul
 RT: 27.739 min Scan# 6249
 Delta R.T. -0.007 min
 Lab File: BN026906.D
 Acq: 15 Aug 2023 18:10

Tgt Ion: 276 Resp: 119588
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.3 28.9
 277 25.2 19.8 29.8

