

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025993.D
 Acq On : 24 Jun 2023 07:10
 Operator : MA/JU
 Sample : 03085-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP7

Quant Time: Jun 24 23:47:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

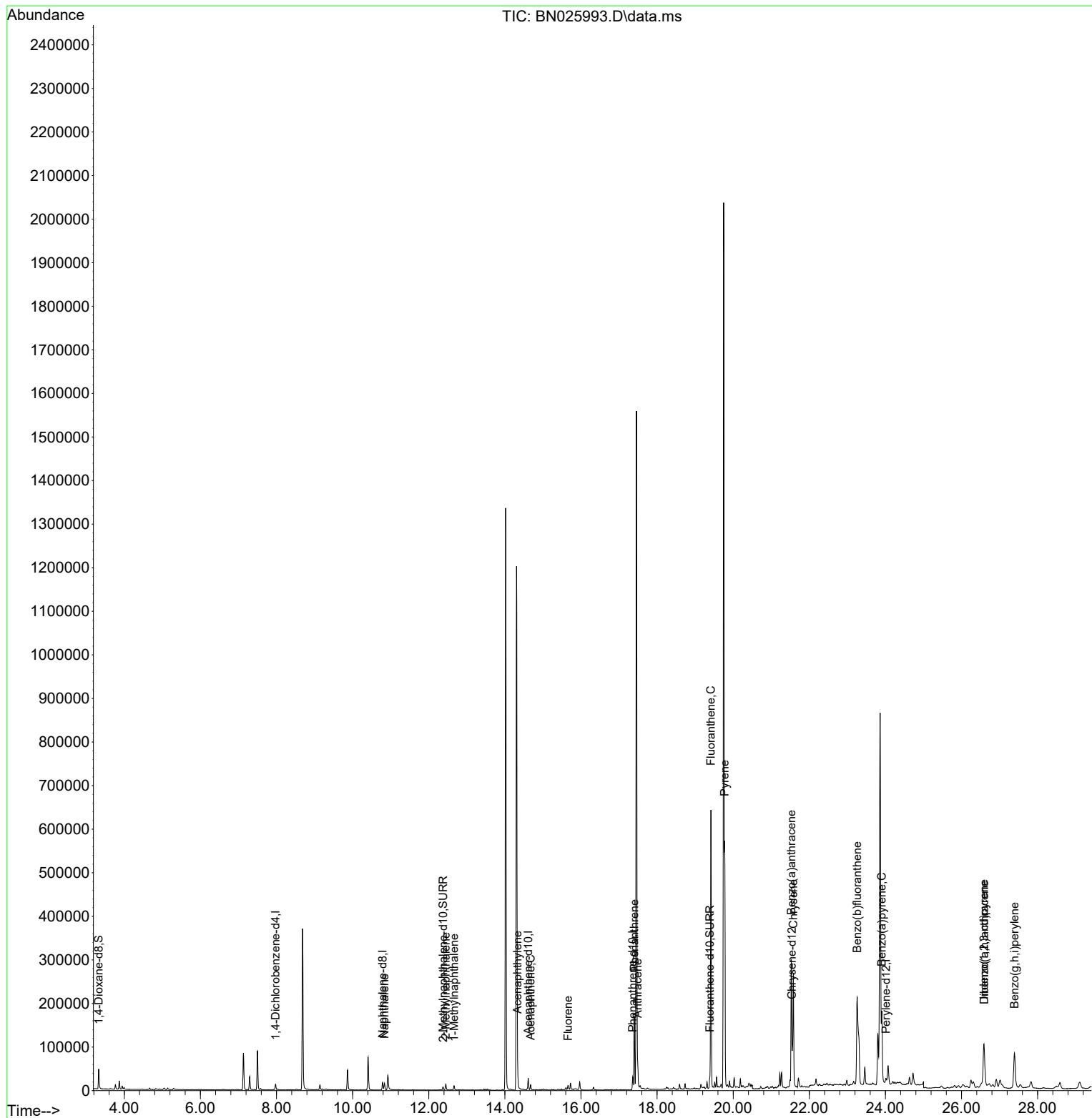
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	24010	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.617	164	14944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	33174	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	20989	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	18511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	30522	3.591	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	10190	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	25187	0.315	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.836	128	22298	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.448	142	10273	0.234	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	7167	0.158	ng/ul	100
10) Acenaphthylene	14.334	152	35576	0.508	ng/ul	99
11) Acenaphthene	14.677	153	7206	0.126	ng/ul	98
12) Fluorene	15.662	166	7097	0.108	ng/ul#	97
15) Phenanthrene	17.402	178	182433	1.665	ng/ul	99
16) Anthracene	17.491	178	44313	0.455	ng/ul	99
19) Fluoranthene	19.415	202	538798	4.806	ng/ul	98
20) Pyrene	19.777	202	448686	3.848	ng/ul	97
21) Benzo(a)anthracene	21.526	228	264408	3.054	ng/ul	97
22) Chrysene	21.582	228	284558	3.158	ng/ul	97
24) Benzo(b)fluoranthene	23.256	252	502596	6.361	ng/ul	91
26) Benzo(a)pyrene	23.905	252	228040	3.323	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.588	276	173344	2.313	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.598	278	42698	0.753	ng/ul	97
29) Benzo(g,h,i)perylene	27.393	276	170294	2.554	ng/ul	95

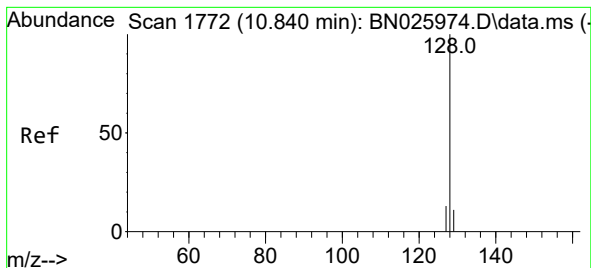
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.324 ng/ul

RT: 10.836 min Scan# 1771

Delta R.T. -0.011 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7

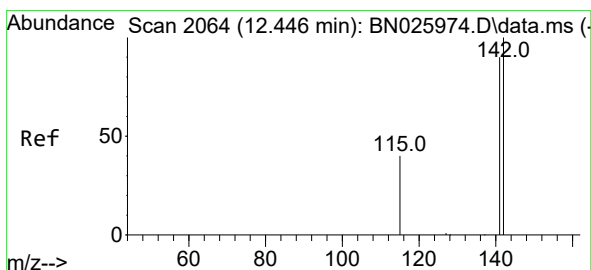
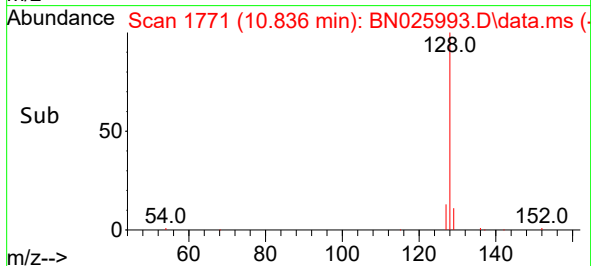
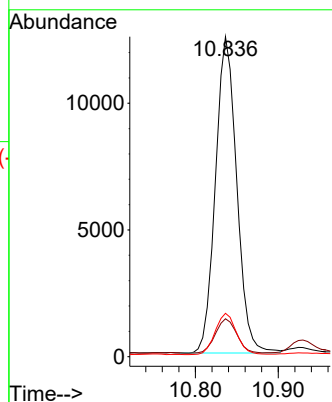
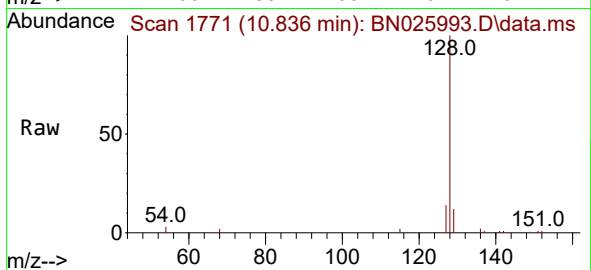
Tgt Ion:128 Resp: 22298

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.234 ng/ul

RT: 12.448 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN025993.D

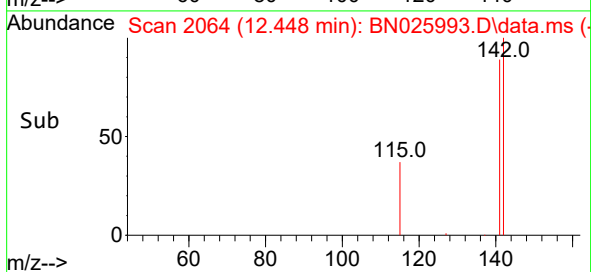
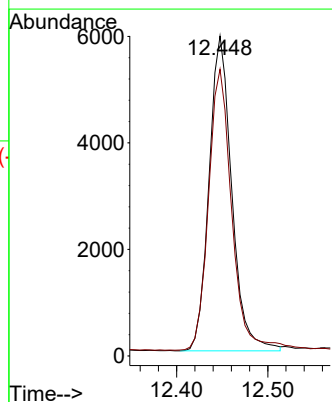
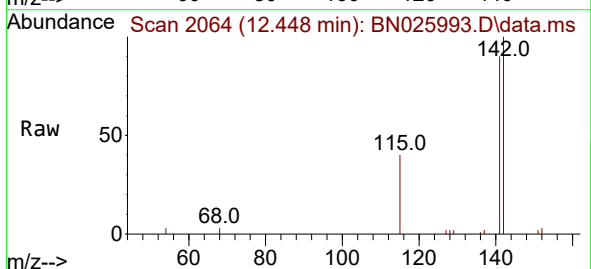
Acq: 24 Jun 2023 07:10

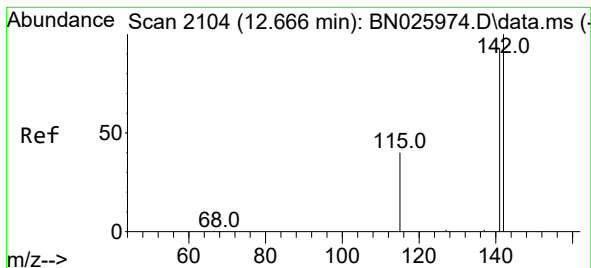
Tgt Ion:142 Resp: 10273

Ion Ratio Lower Upper

142 100

141 90.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.158 ng/ul

RT: 12.668 min Scan# 2104

Delta R.T. -0.005 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

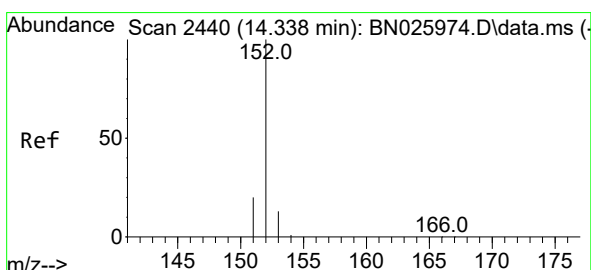
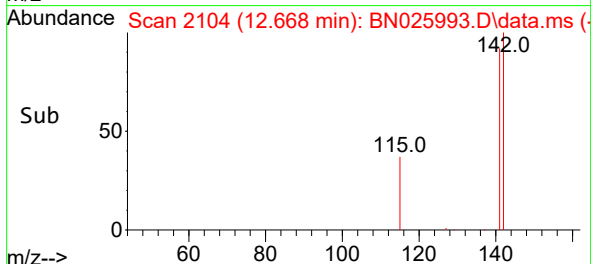
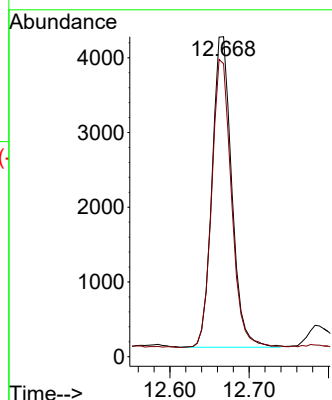
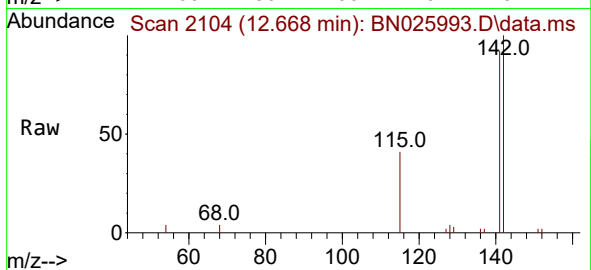
DCFP7

Tgt Ion:142 Resp: 7167

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4



#10

Acenaphthylene

Concen: 0.508 ng/ul

RT: 14.334 min Scan# 2439

Delta R.T. -0.009 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

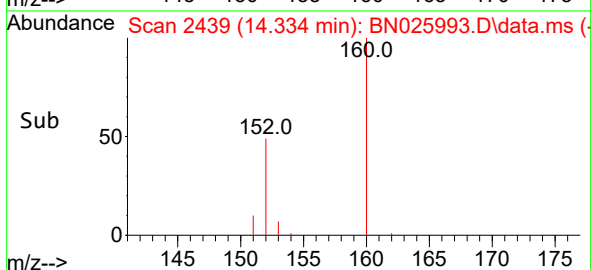
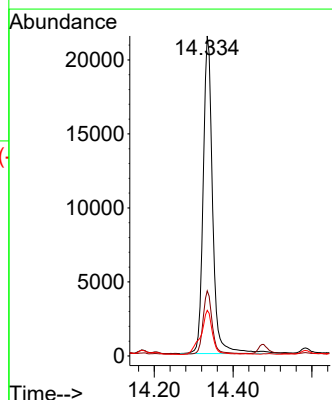
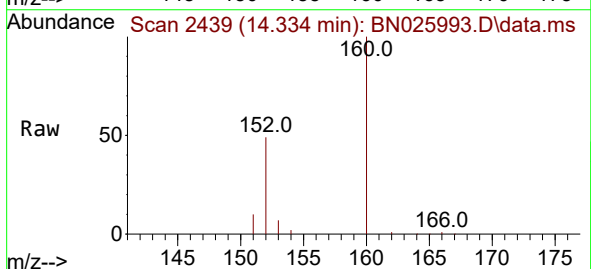
Tgt Ion:152 Resp: 35576

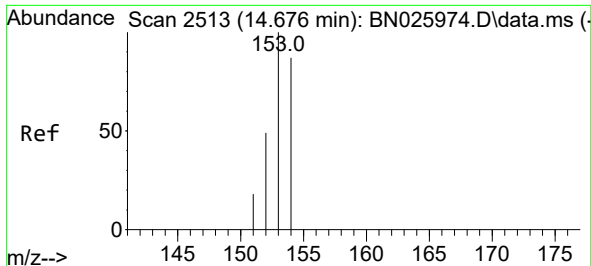
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 14.3 10.9 16.3

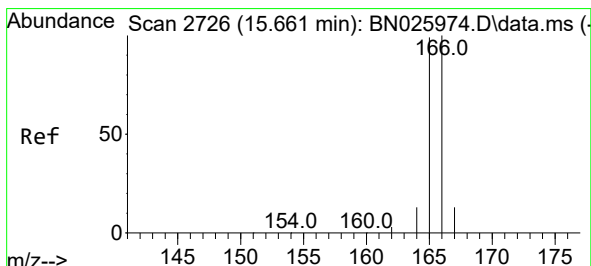
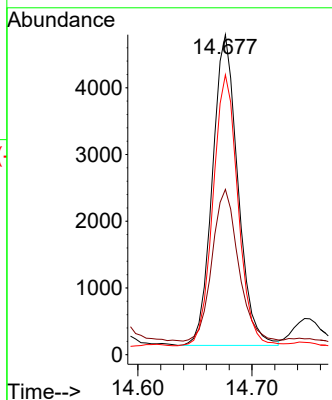
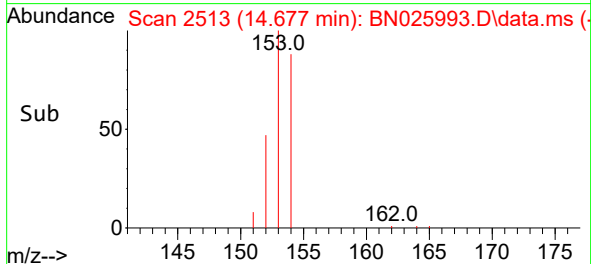
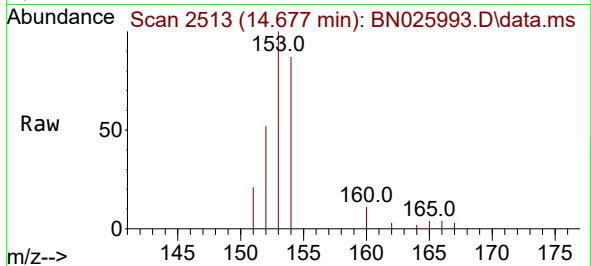




#11
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.677 min Scan# 213
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

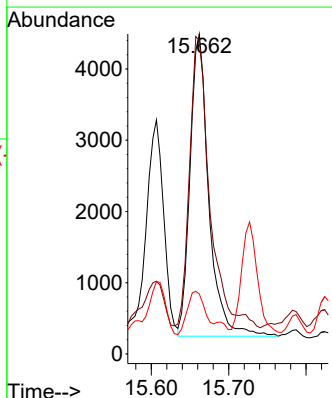
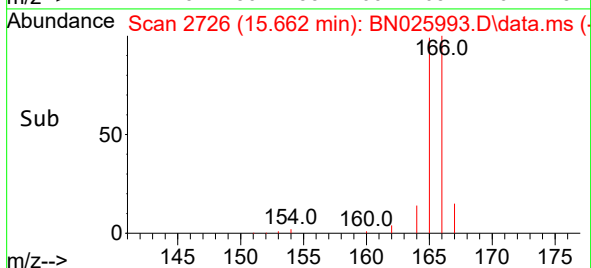
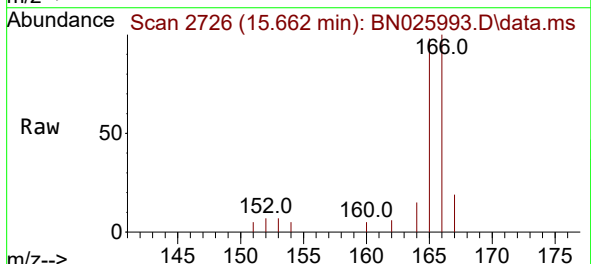
Instrument :
BNA_N
ClientSampleId :
DCFP7

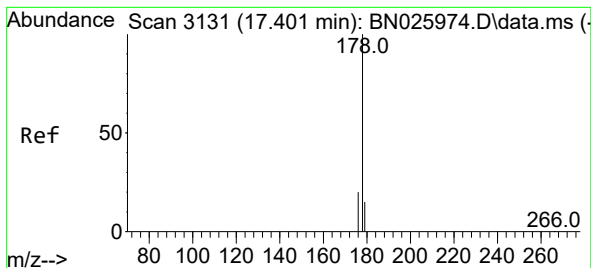
Tgt Ion:153 Resp: 7206
Ion Ratio Lower Upper
153 100
152 51.6 39.4 59.0
154 87.5 68.9 103.3



#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

Tgt Ion:166 Resp: 7097
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 18.7 10.8 16.2#





#15

Phenanthrene

Concen: 1.665 ng/ul

RT: 17.402 min Scan# 3131

Delta R.T. -0.004 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7

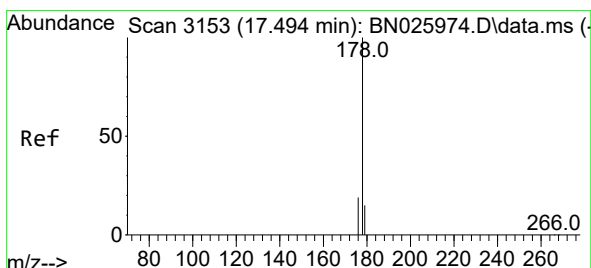
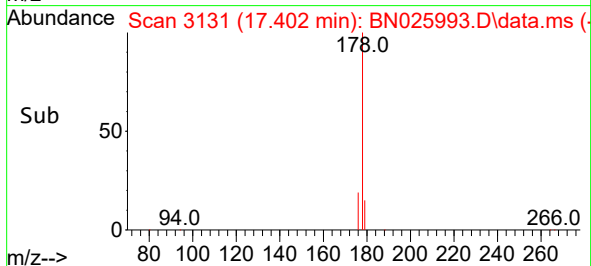
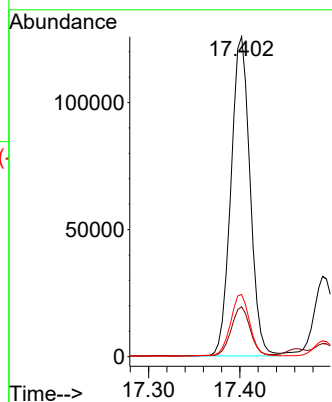
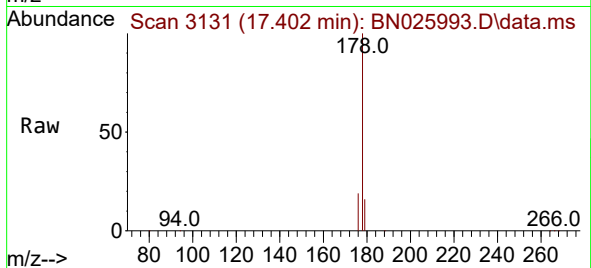
Tgt Ion:178 Resp: 182433

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.4 15.8 23.6



#16

Anthracene

Concen: 0.455 ng/ul

RT: 17.491 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

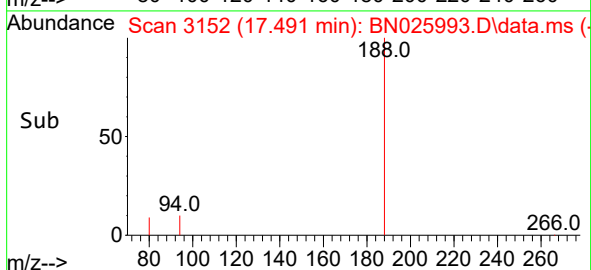
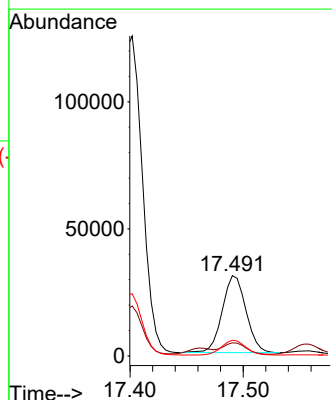
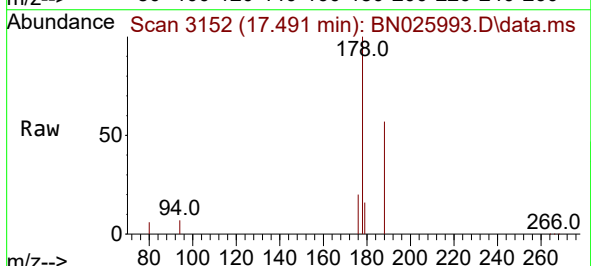
Tgt Ion:178 Resp: 44313

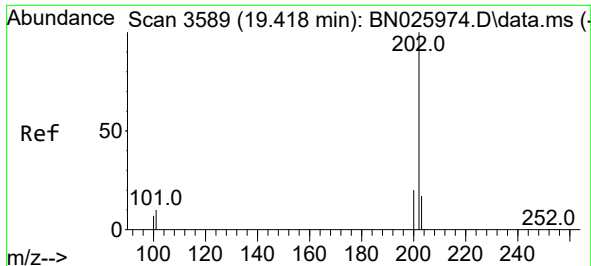
Ion Ratio Lower Upper

178 100

179 16.3 12.6 18.8

176 19.6 15.1 22.7





#19

Fluoranthene

Concen: 4.806 ng/ul

RT: 19.415 min Scan# 3589

Delta R.T. -0.005 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7

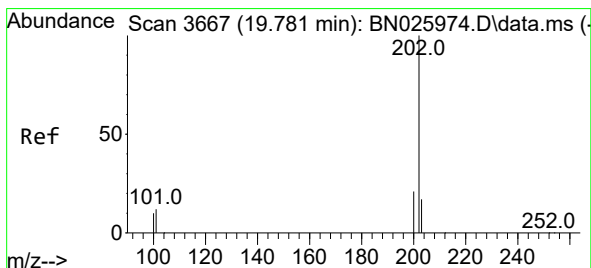
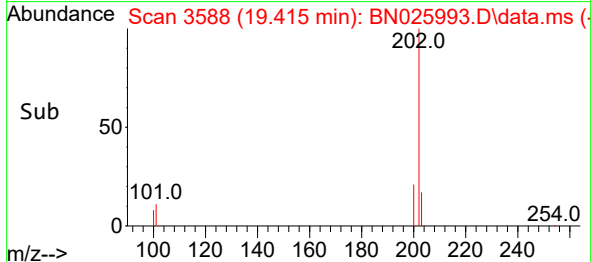
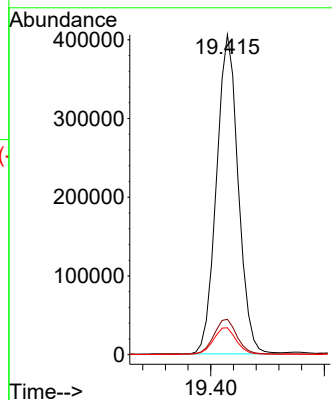
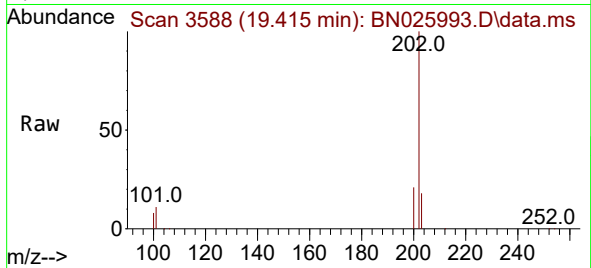
Tgt Ion:202 Resp: 538798

Ion Ratio Lower Upper

202 100

101 11.1 9.5 14.3

100 8.4 7.3 10.9



#20

Pyrene

Concen: 3.848 ng/ul

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

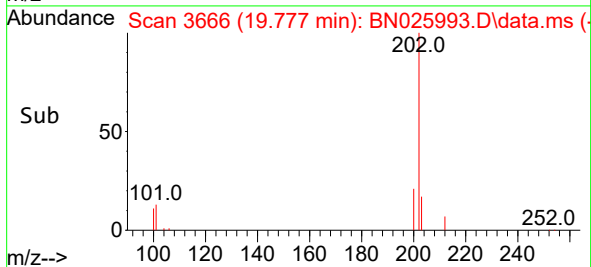
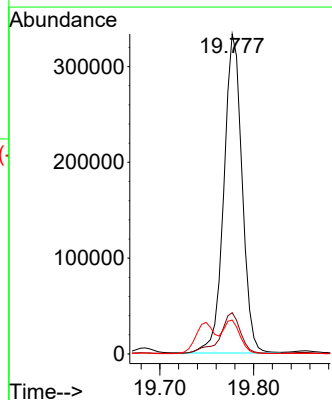
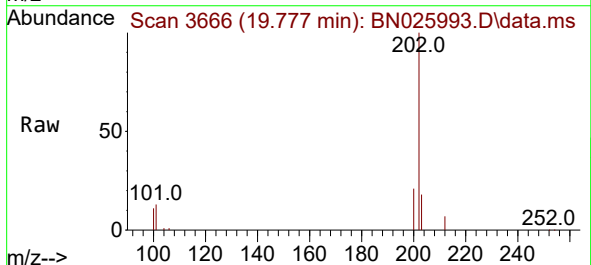
Tgt Ion:202 Resp: 448686

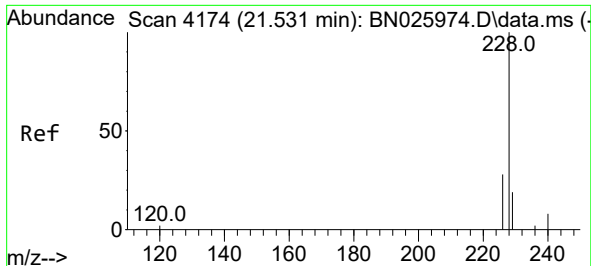
Ion Ratio Lower Upper

202 100

101 12.9 11.4 17.0

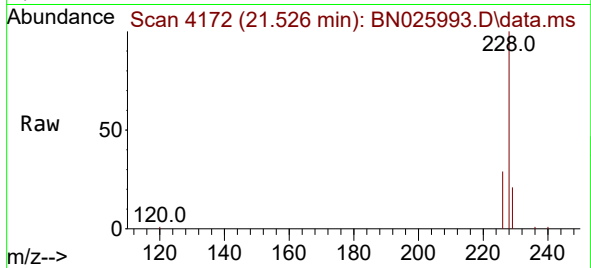
100 10.6 9.1 13.7



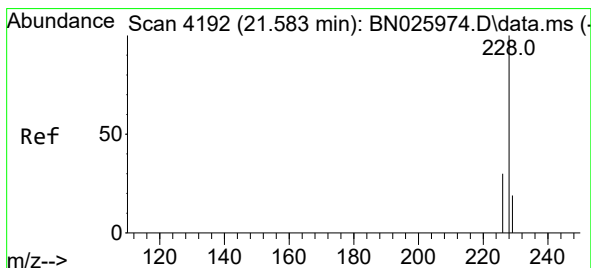
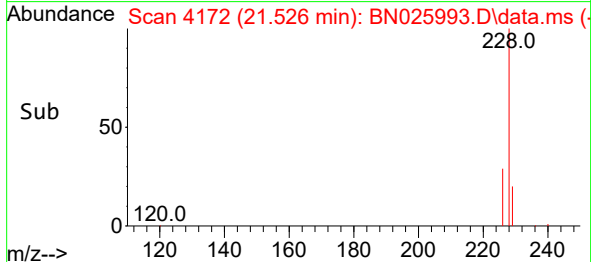
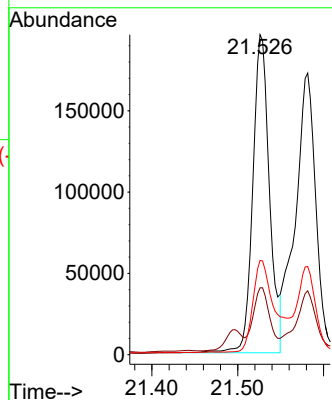


#21
Benzo(a)anthracene
Concen: 3.054 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

Instrument :
BNA_N
ClientSampleId :
DCFP7

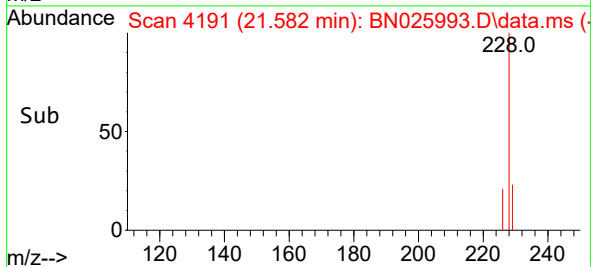
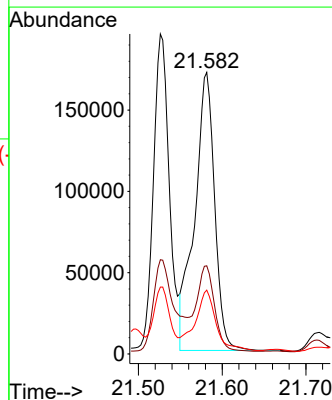
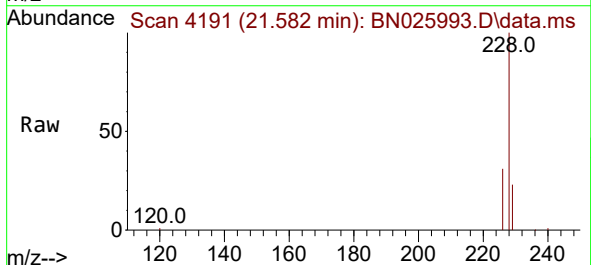


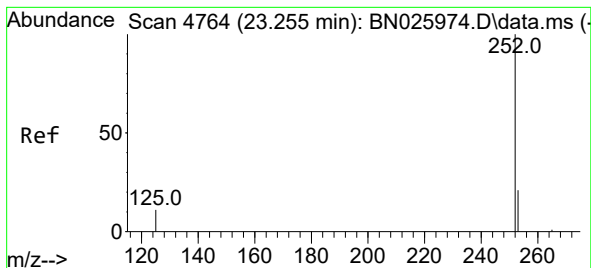
Tgt Ion:228 Resp: 264408
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.5 22.5 33.7



#22
Chrysene
Concen: 3.158 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

Tgt Ion:228 Resp: 284558
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 6.361 ng/ul

RT: 23.256 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN025993.D

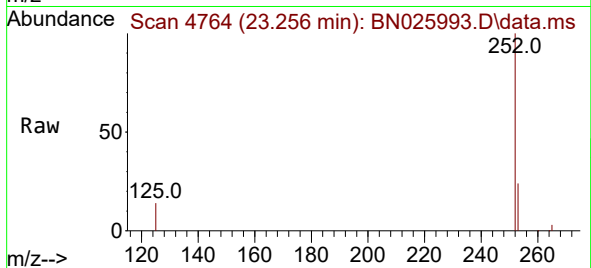
Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7



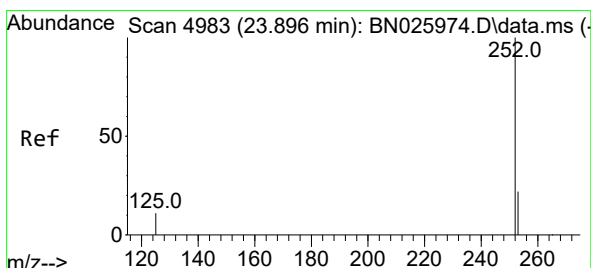
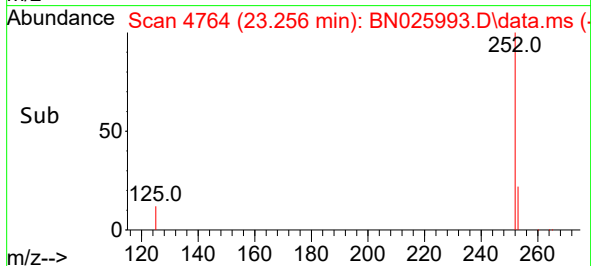
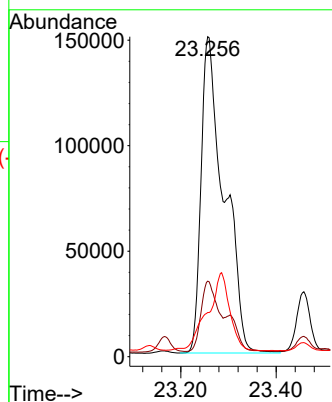
Tgt Ion:252 Resp: 502596

Ion Ratio Lower Upper

252 100

253 23.6 0.0 55.6

125 13.8 0.0 35.8



#26

Benzo(a)pyrene

Concen: 3.323 ng/ul

RT: 23.905 min Scan# 4986

Delta R.T. -0.003 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

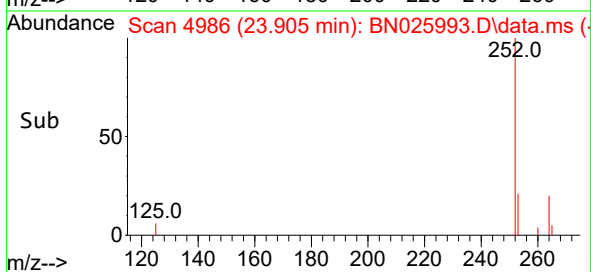
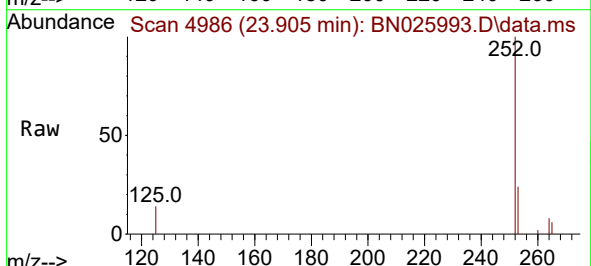
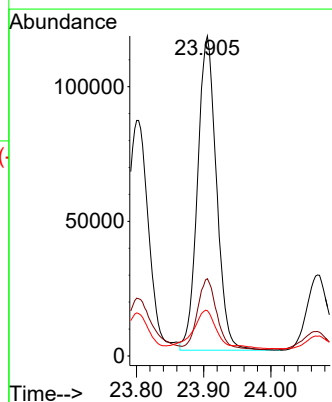
Tgt Ion:252 Resp: 228040

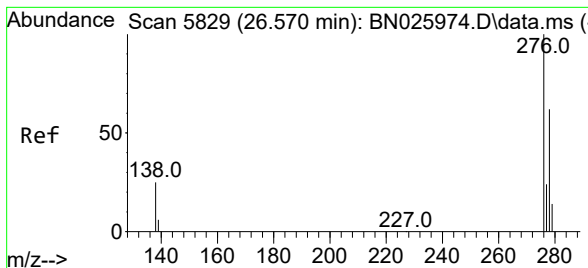
Ion Ratio Lower Upper

252 100

253 24.1 26.0 39.0#

125 14.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.313 ng/ul

RT: 26.588 min Scan# 5834

Delta R.T. -0.007 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7

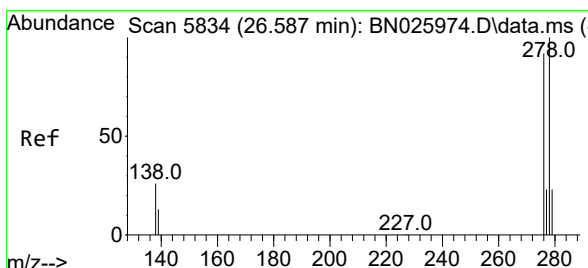
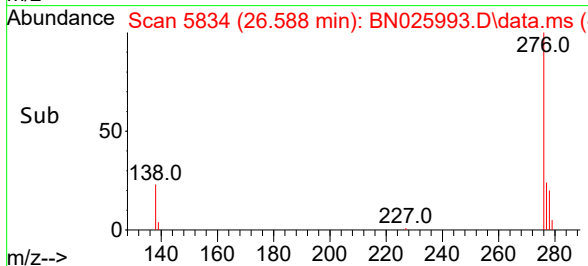
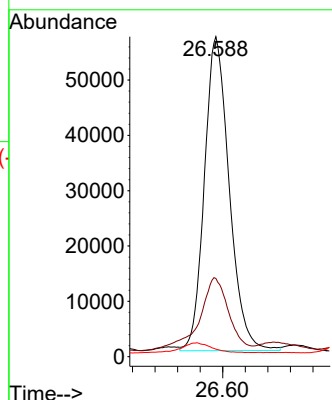
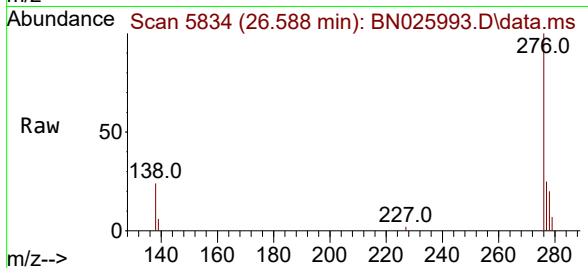
Tgt Ion:276 Resp: 173344

Ion Ratio Lower Upper

276 100

138 28.0 24.5 36.7

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.753 ng/ul

RT: 26.598 min Scan# 5837

Delta R.T. -0.023 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

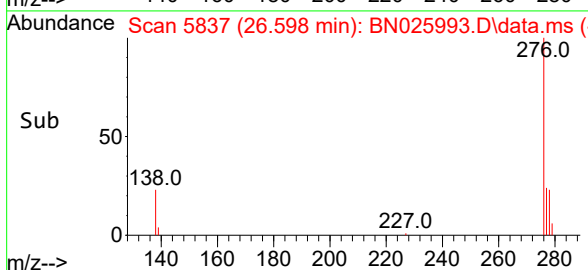
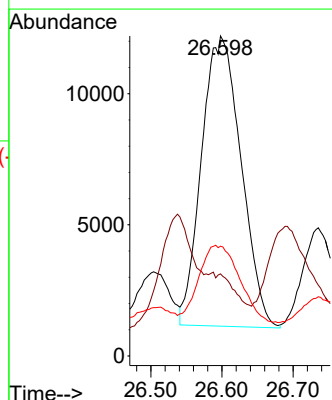
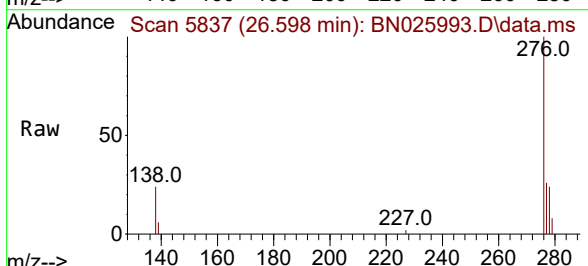
Tgt Ion:278 Resp: 42698

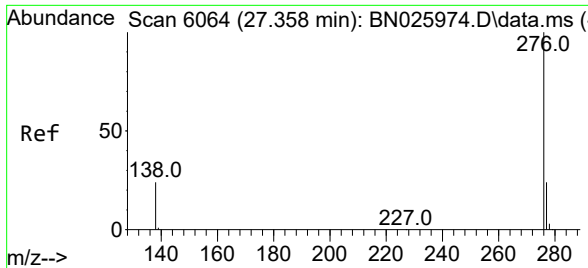
Ion Ratio Lower Upper

278 100

139 25.6 19.0 28.4

279 34.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.554 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN025993.D
 Acq: 24 Jun 2023 07:10

Instrument :
 BNA_N
 ClientSampleId :
 DCFP7

Tgt Ion:276 Resp: 170294
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.4 35.0
 277 24.6 20.0 30.0

