

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025992.D
 Acq On : 24 Jun 2023 06:34
 Operator : MA/JU
 Sample : 03085-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFN7

Quant Time: Jun 24 23:47:33 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)

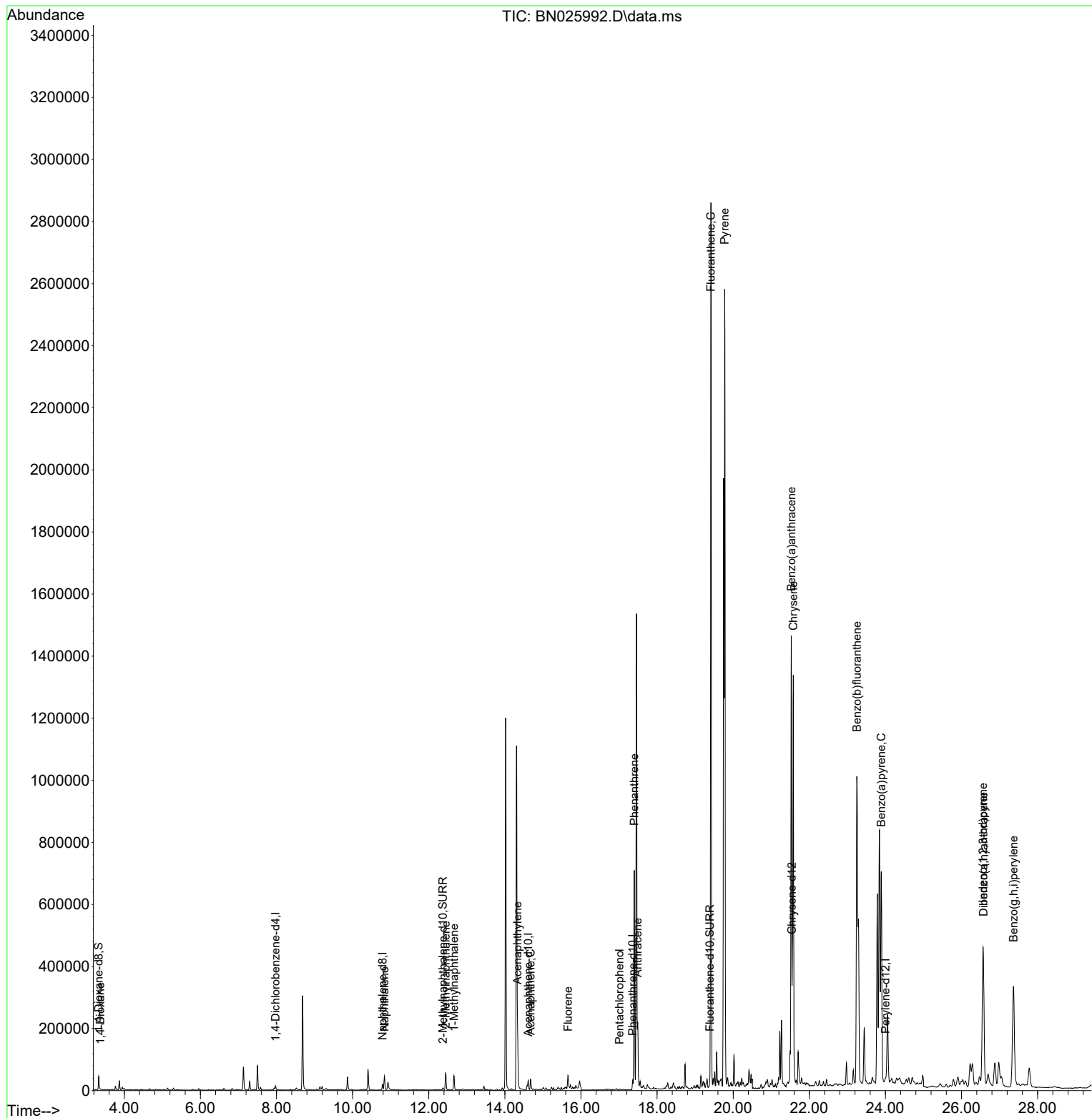
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	7924	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.787	136	24665	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.612	164	16247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35715	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	22031	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	20668	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	29017	3.252	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.370	152	9319	0.246	ng/ul	-0.01
18) Fluoranthene-d10	19.387	212	23437	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	364	0.038	ng/ul#	51
5) Naphthalene	10.836	128	65263	0.923	ng/ul	100
7) 2-Methylnaphthalene	12.447	142	41488	0.922	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	31571	0.677	ng/ul	99
10) Acenaphthylene	14.334	152	211259	2.777	ng/ul	99
11) Acenaphthene	14.677	153	20407	0.328	ng/ul	98
12) Fluorene	15.662	166	28473	0.399	ng/ul#	99
14) Pentachlorophenol	17.013	266	561	0.044	ng/ul	98
15) Phenanthrene	17.402	178	772930	6.552	ng/ul	99
16) Anthracene	17.490	178	215501	2.055	ng/ul	100
19) Fluoranthene	19.414	202	2486041	21.127	ng/ul	97
20) Pyrene	19.777	202	2113025	17.264	ng/ul	97
21) Benzo(a)anthracene	21.526	228	1254681	13.805	ng/ul	97
22) Chrysene	21.578	228	1405302	14.860	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	2401664	27.225	ng/ul	89
26) Benzo(a)pyrene	23.891	252	1039623	13.569	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.564	276	802076	9.584	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.578	278	203125	3.207	ng/ul	93
29) Benzo(g,h,i)perylene	27.366	276	776941	10.436	ng/ul	93

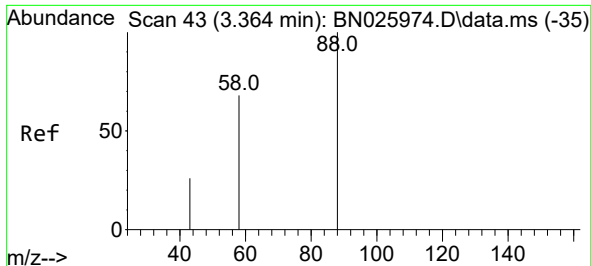
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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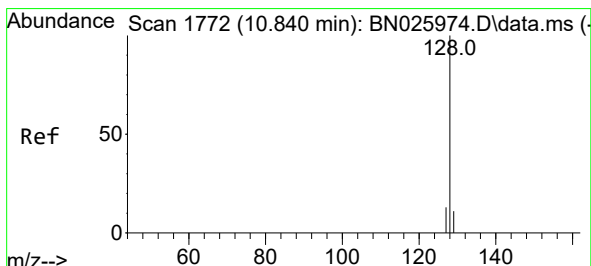
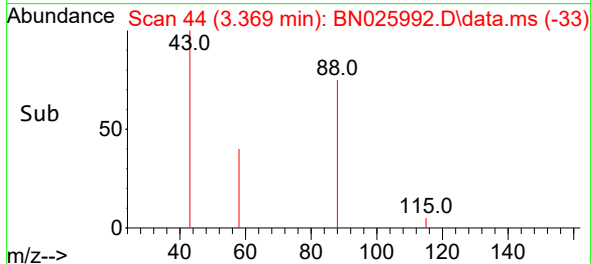
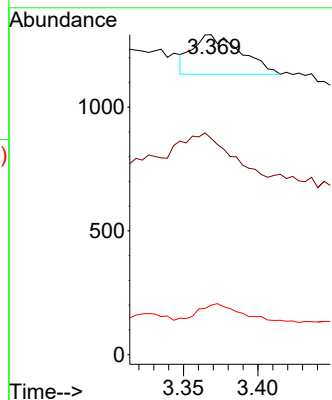
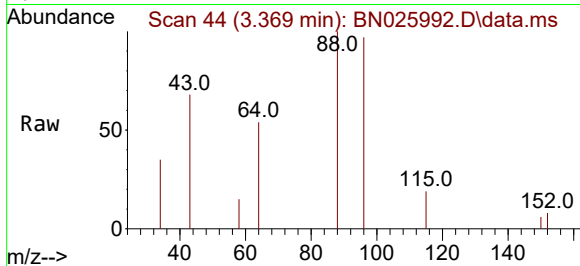




#2
1,4-Dioxane
Concen: 0.038 ng/ul
RT: 3.369 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

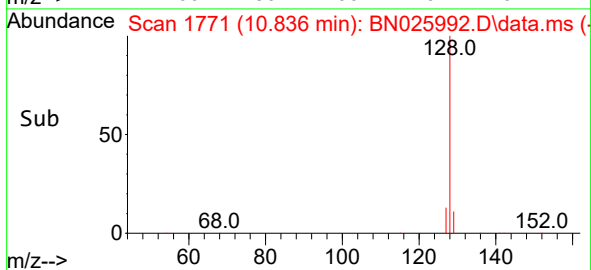
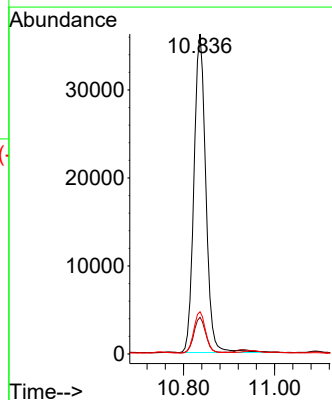
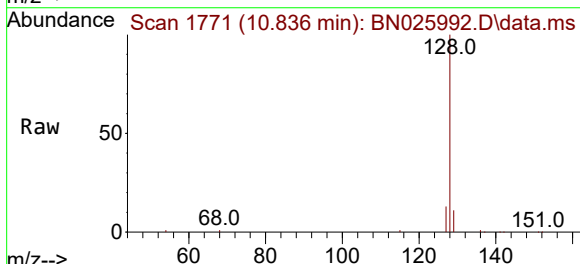
Instrument :
BNA_N
ClientSampleId :
DCFN7

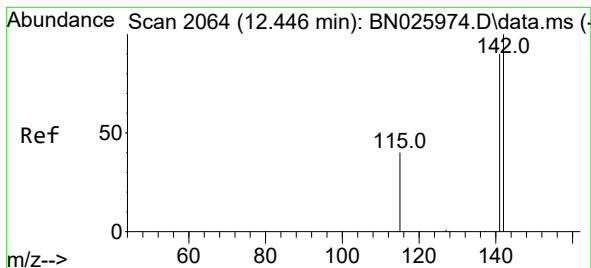
Tgt Ion: 88 Resp: 364
Ion Ratio Lower Upper
88 100
43 67.6 29.5 44.3#
58 15.5 37.4 56.2#



#5
Naphthalene
Concen: 0.923 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

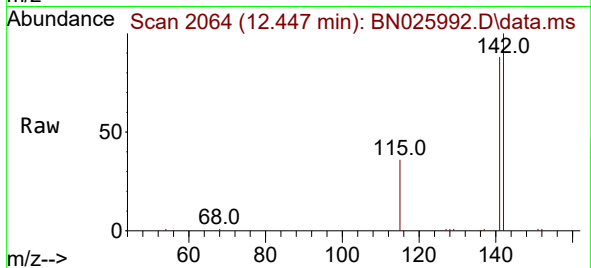
Tgt Ion:128 Resp: 65263
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.7 16.1



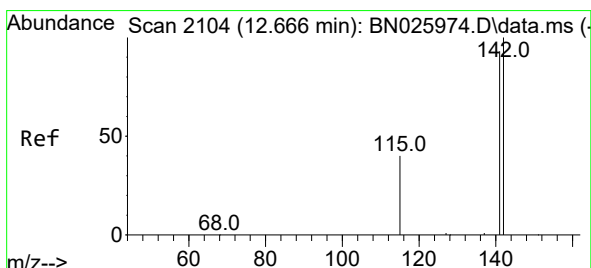
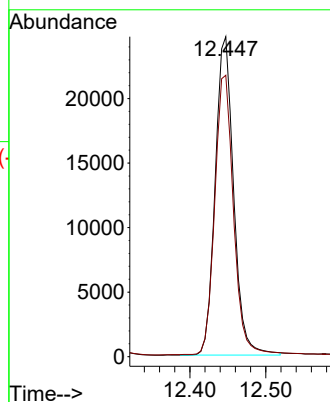
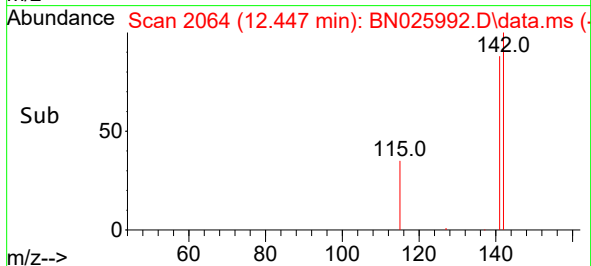


#7
2-Methylnaphthalene
Concen: 0.922 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

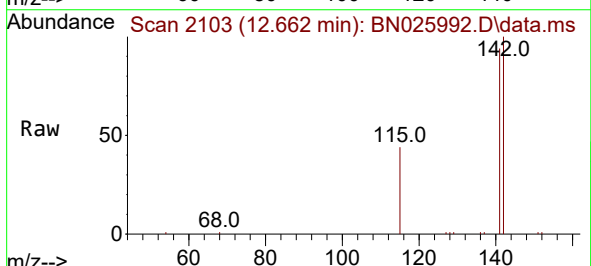
Instrument :
BNA_N
ClientSampleId :
DCFN7



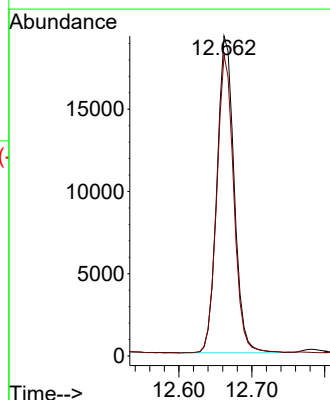
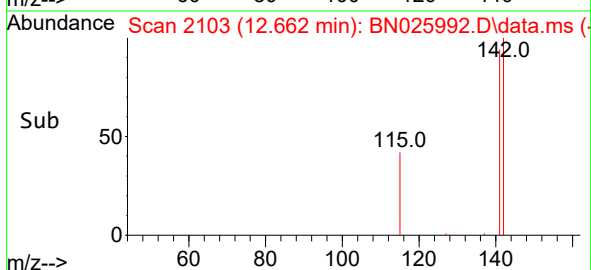
Tgt Ion:142 Resp: 41488
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9

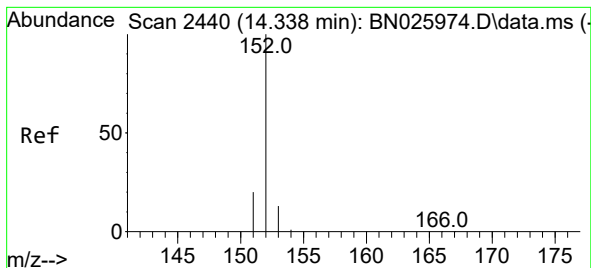


#8
1-Methylnaphthalene
Concen: 0.677 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34



Tgt Ion:142 Resp: 31571
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4





#10

Acenaphthylene

Concen: 2.777 ng/ul

RT: 14.334 min Scan# 2440

Delta R.T. -0.009 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

Instrument :

BNA_N

ClientSampleId :

DCFN7

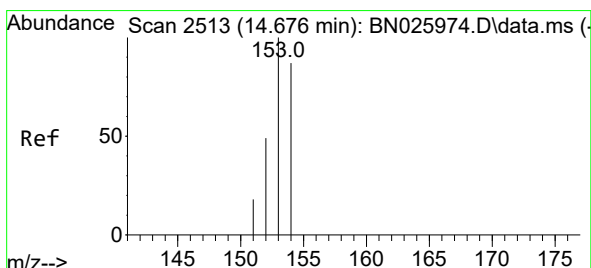
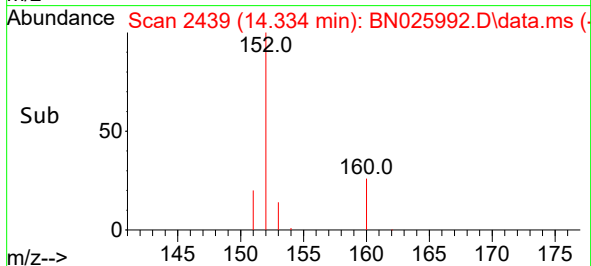
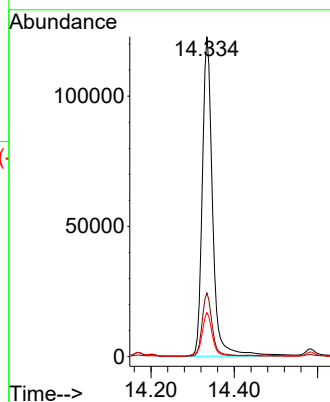
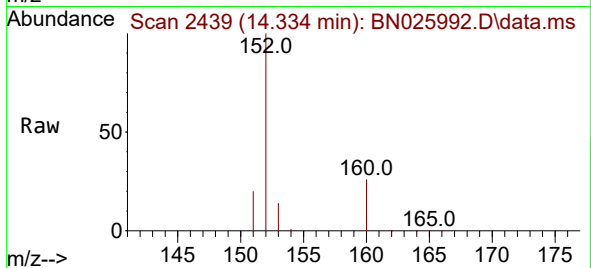
Tgt Ion:152 Resp: 211259

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.8 10.9 16.3



#11

Acenaphthene

Concen: 0.328 ng/ul

RT: 14.677 min Scan# 2513

Delta R.T. -0.005 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

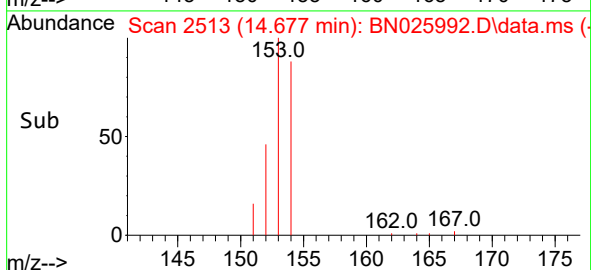
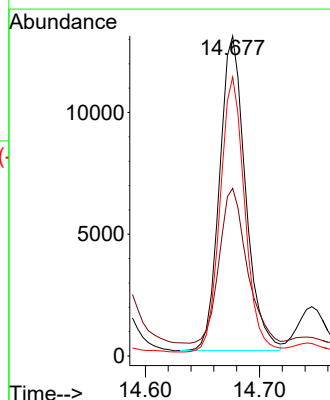
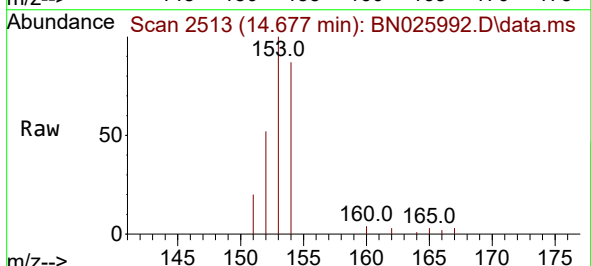
Tgt Ion:153 Resp: 20407

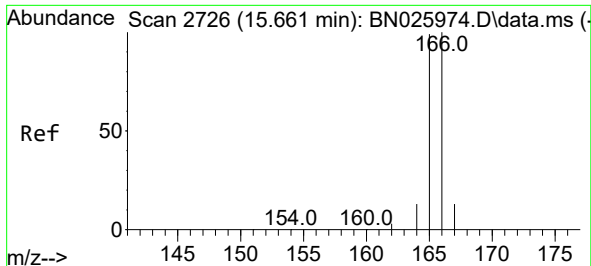
Ion Ratio Lower Upper

153 100

152 52.4 39.4 59.0

154 87.2 68.9 103.3

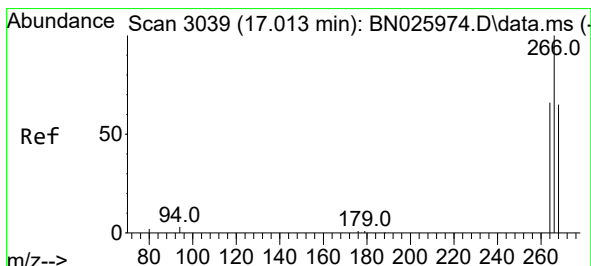
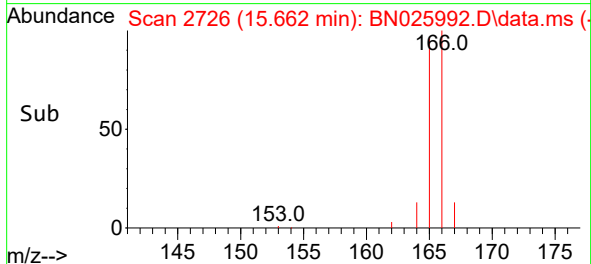
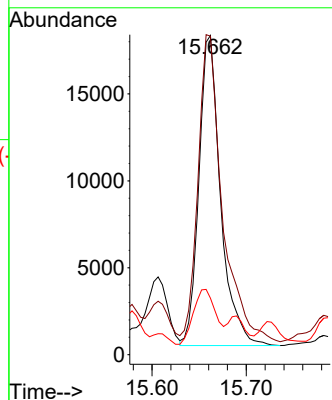
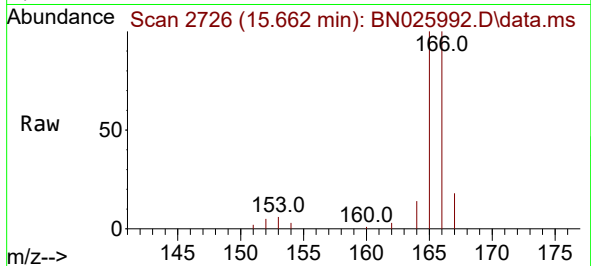




#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

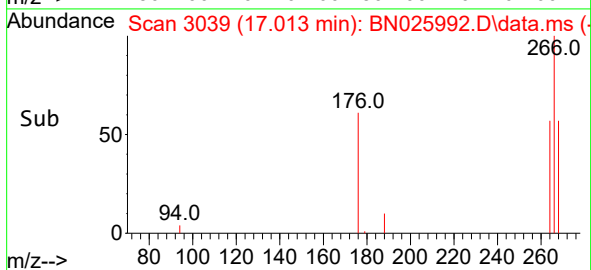
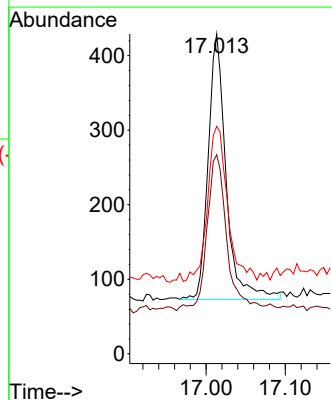
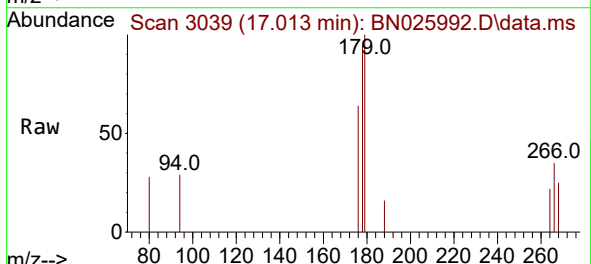
Instrument :
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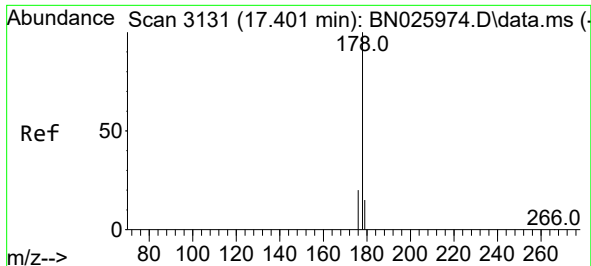
Tgt Ion:166 Resp: 28473
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 17.7 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 17.013 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

Tgt Ion:266 Resp: 561
Ion Ratio Lower Upper
266 100
264 60.1 50.5 75.7
268 65.2 51.6 77.4

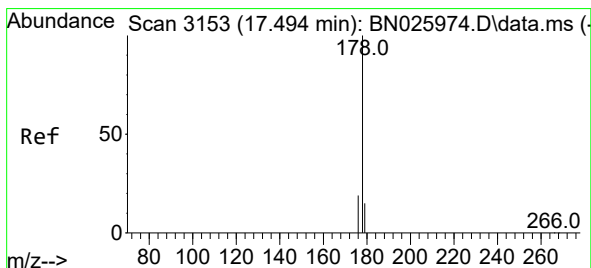
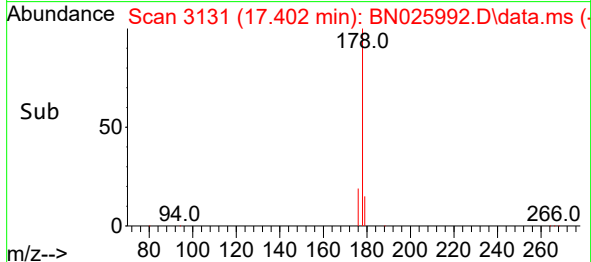
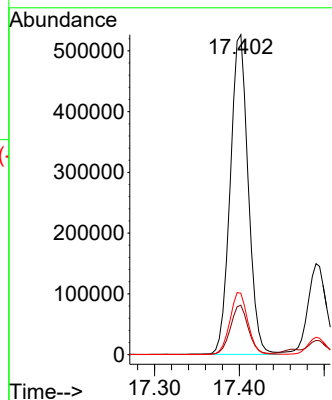
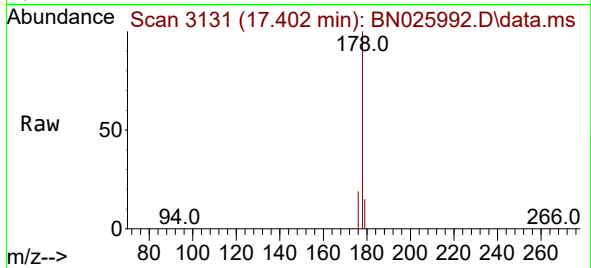




#15
Phenanthrene
Concen: 6.552 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

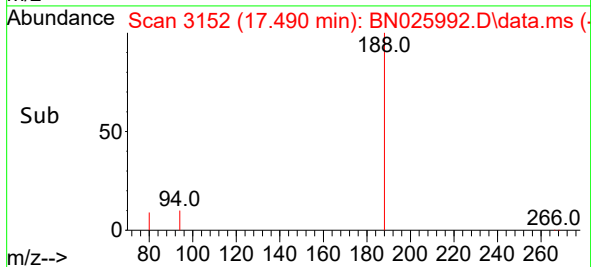
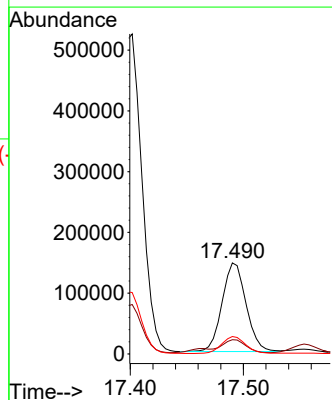
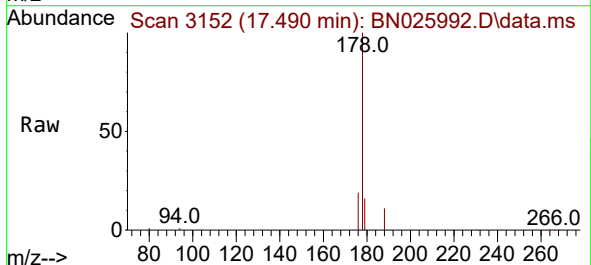
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ClientSampleId :
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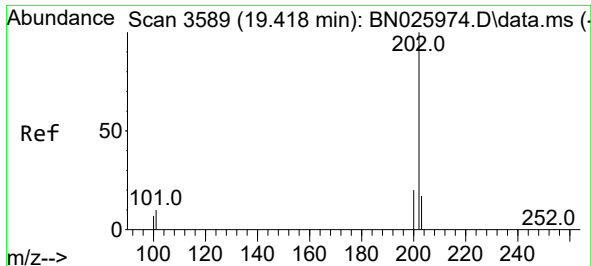
Tgt Ion:178 Resp: 772930
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.8 23.6



#16
Anthracene
Concen: 2.055 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

Tgt Ion:178 Resp: 215501
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.1 22.7

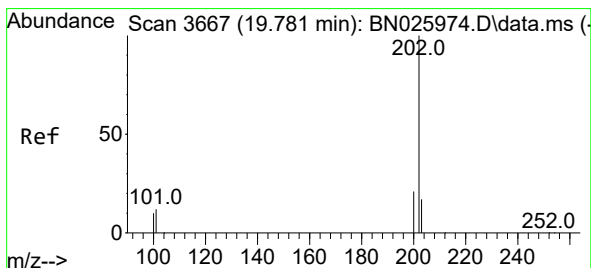
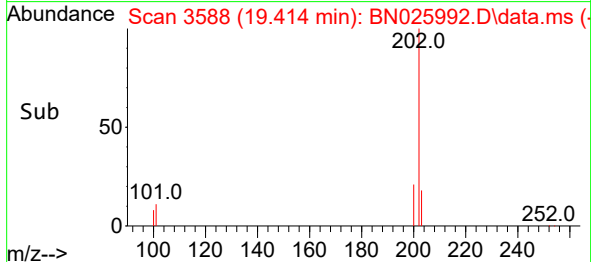
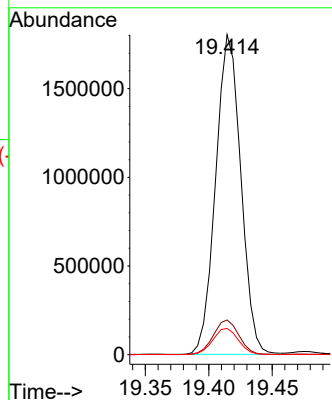
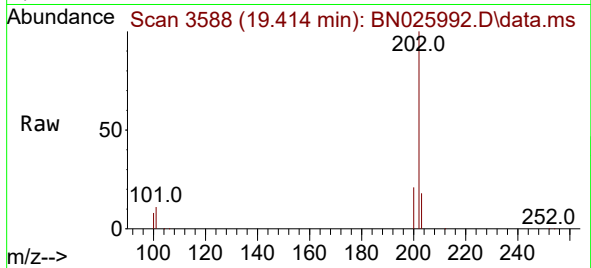




#19
Fluoranthene
Concen: 21.127 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

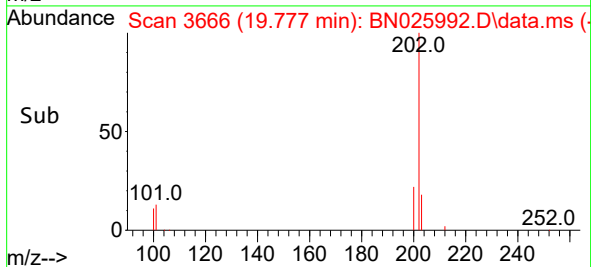
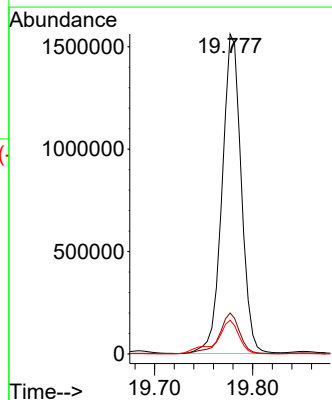
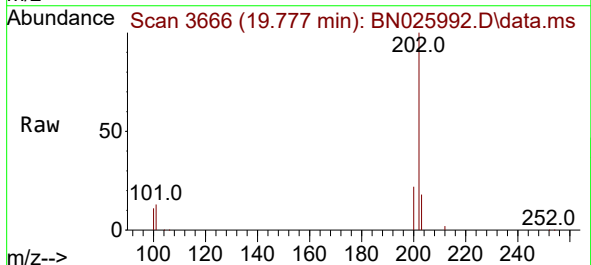
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ClientSampleId :
DCFN7

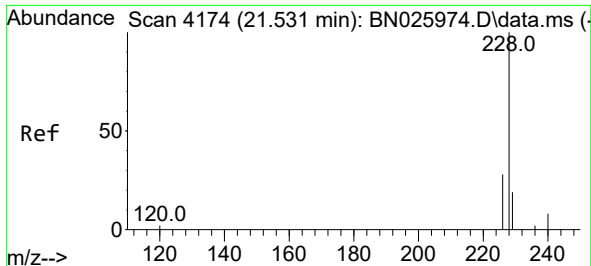
Tgt Ion:202 Resp: 2486041
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 17.264 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

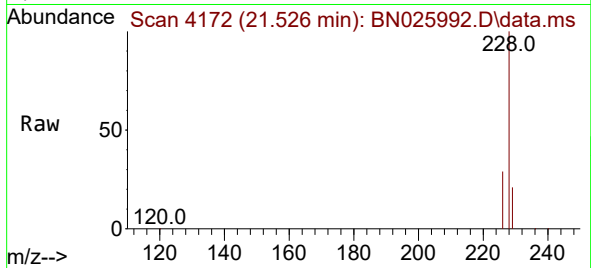
Tgt Ion:202 Resp: 2113025
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7



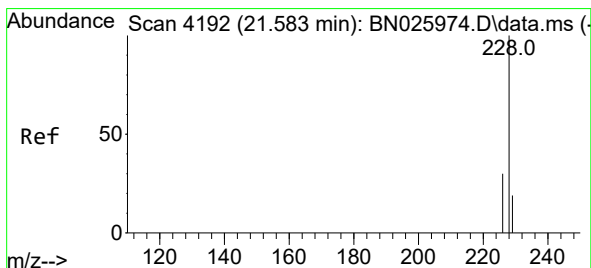
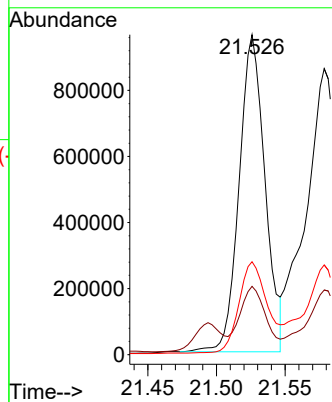
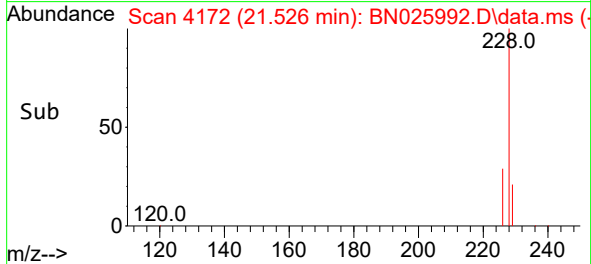


#21
Benzo(a)anthracene
Concen: 13.805 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

Instrument :
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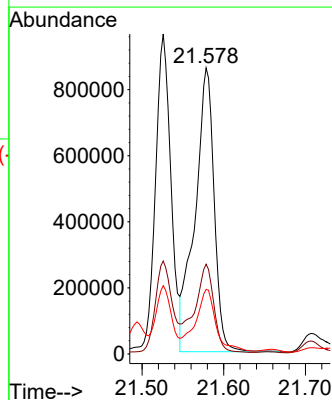
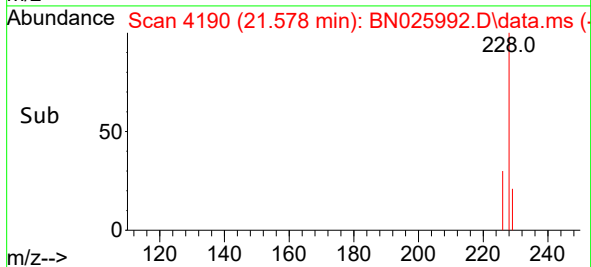
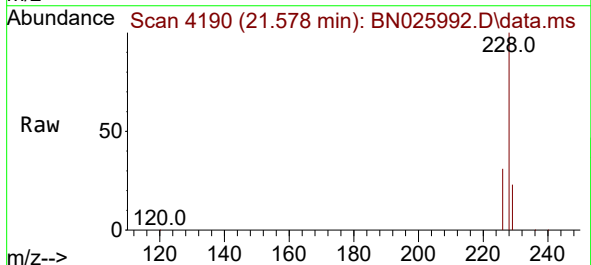


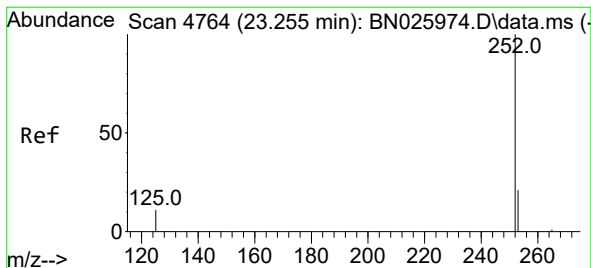
Tgt Ion:228 Resp: 1254681
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.1 22.5 33.7



#22
Chrysene
Concen: 14.860 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

Tgt Ion:228 Resp: 1405302
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.6 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 27.225 ng/ul

RT: 23.250 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

Instrument :

BNA_N

ClientSampleId :

DCFN7

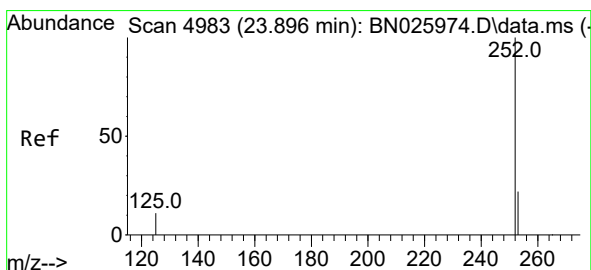
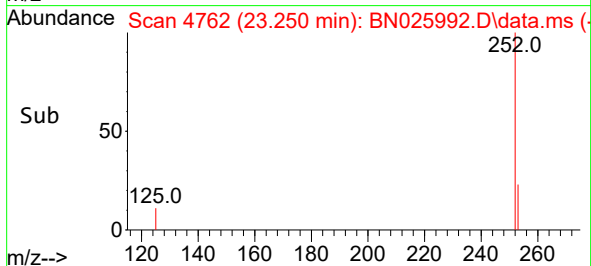
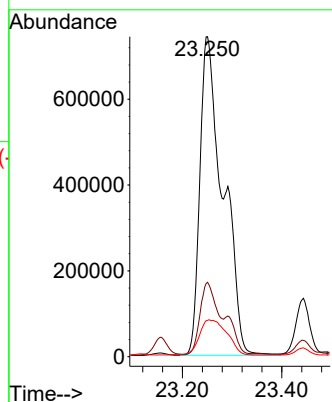
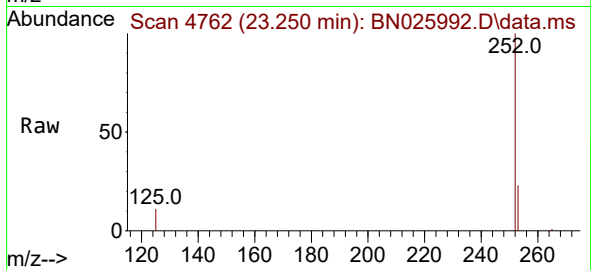
Tgt Ion:252 Resp: 2401664

Ion Ratio Lower Upper

252 100

253 23.3 0.0 55.6

125 11.4 0.0 35.8



#26

Benzo(a)pyrene

Concen: 13.569 ng/ul

RT: 23.891 min Scan# 4981

Delta R.T. -0.018 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

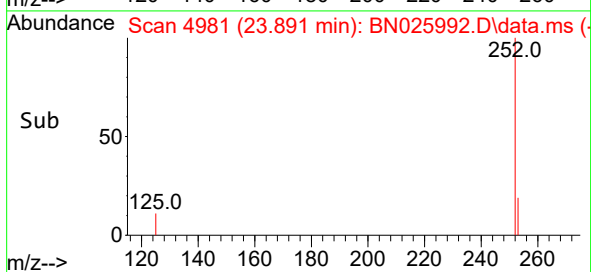
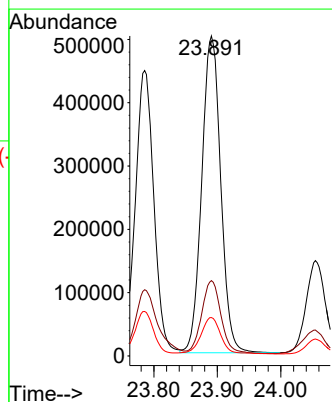
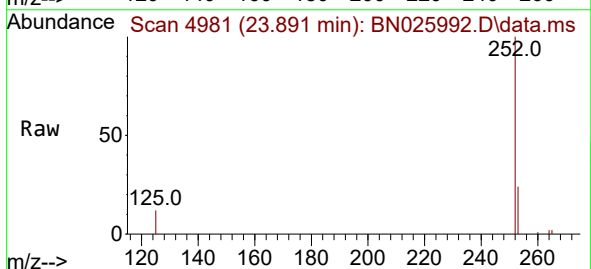
Tgt Ion:252 Resp: 1039623

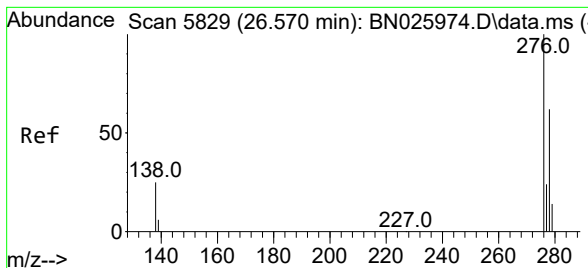
Ion Ratio Lower Upper

252 100

253 23.6 26.0 39.0#

125 12.0 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 9.584 ng/ul

RT: 26.564 min Scan# 5827

Delta R.T. -0.030 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

Instrument :

BNA_N

ClientSampleId :

DCFN7

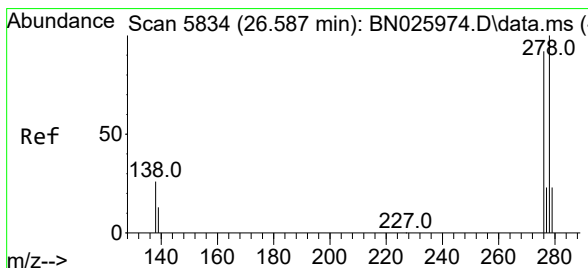
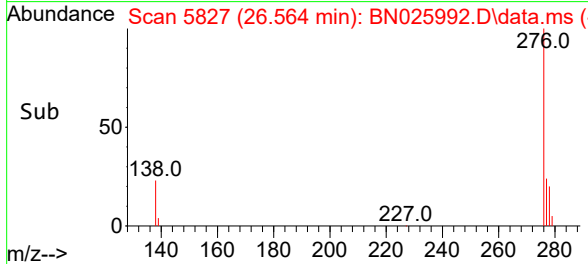
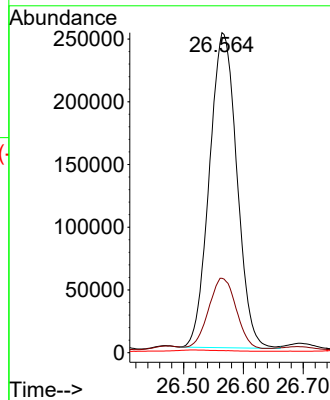
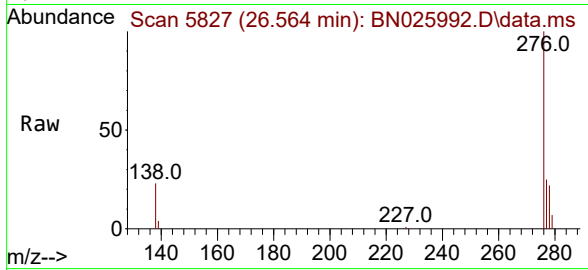
Tgt Ion:276 Resp: 802076

Ion Ratio Lower Upper

276 100

138 23.3 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 3.207 ng/ul

RT: 26.578 min Scan# 5831

Delta R.T. -0.044 min

Lab File: BN025992.D

Acq: 24 Jun 2023 06:34

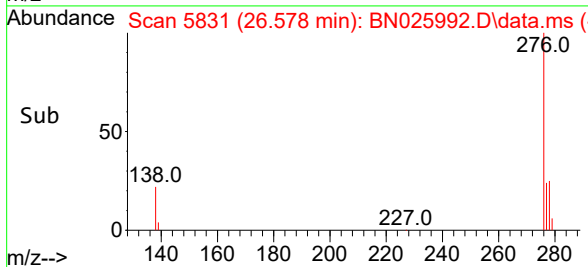
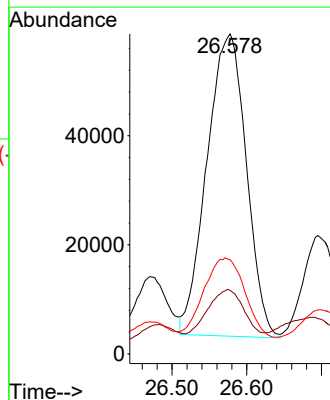
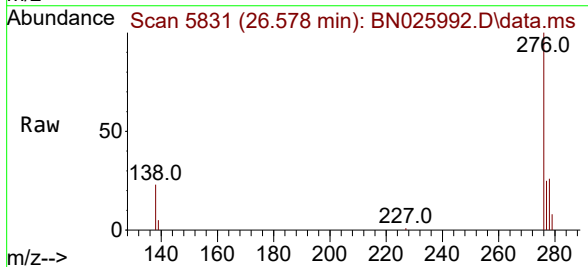
Tgt Ion:278 Resp: 203125

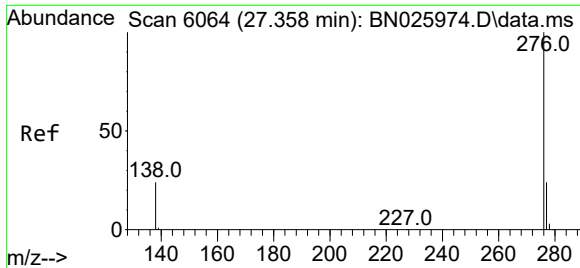
Ion Ratio Lower Upper

278 100

139 19.8 19.0 28.4

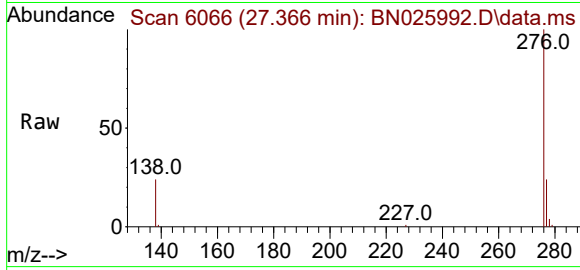
279 29.4 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 10.436 ng/ul
RT: 27.366 min Scan# 6066
Delta R.T. -0.020 min
Lab File: BN025992.D
Acq: 24 Jun 2023 06:34

Instrument :
BNA_N
ClientSampleId :
DCFN7



Tgt Ion:276 Resp: 776941
Ion Ratio Lower Upper
276 100
138 23.5 23.4 35.0
277 24.0 20.0 30.0

