

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026063.D
 Acq On : 28 Jun 2023 18:03
 Operator : MA/JU
 Sample : 03142-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT3

Quant Time: Jun 28 23:15:40 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

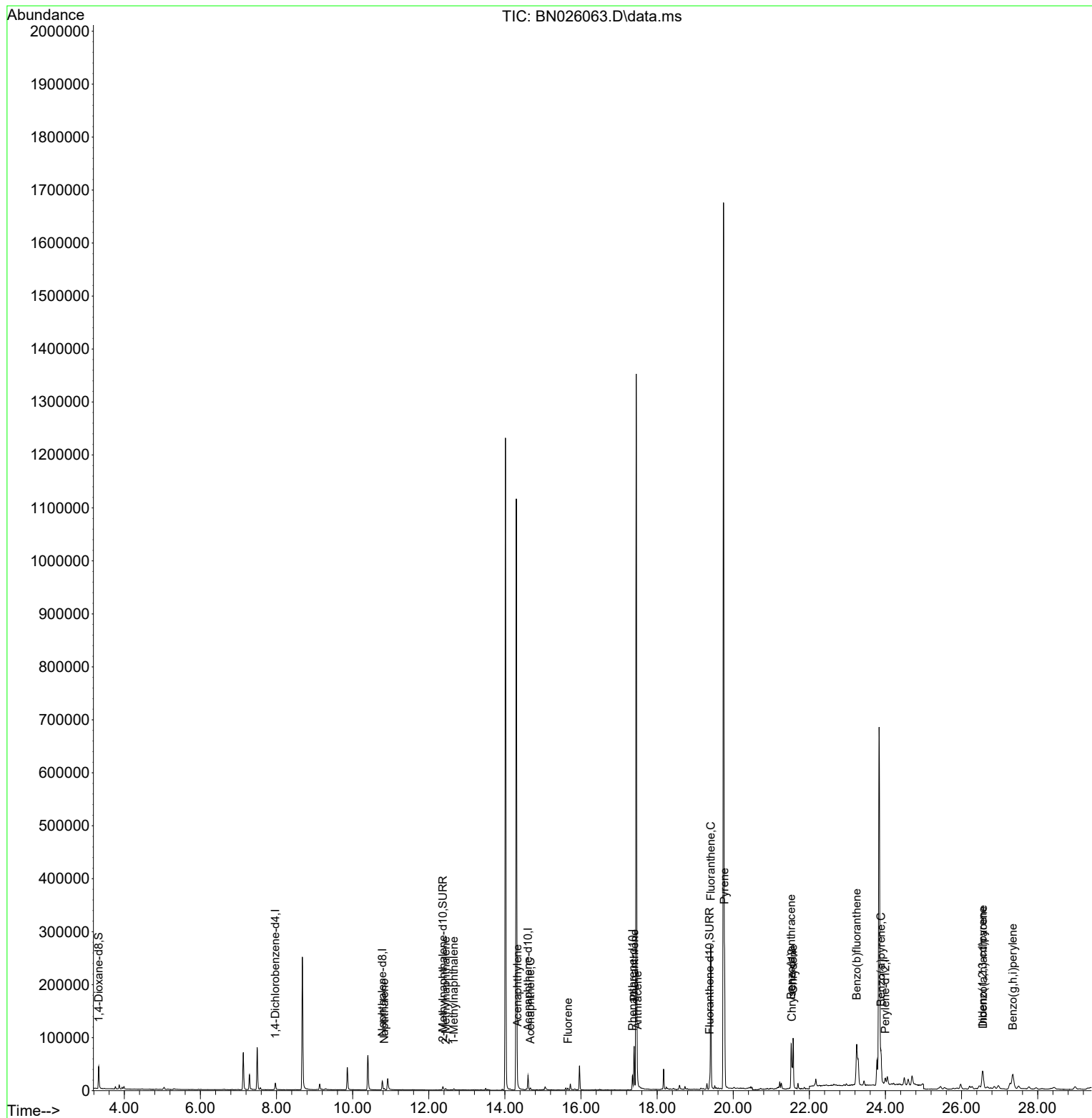
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	24138	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	32462	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	19122	0.400	ng/ul	# 0.00
23) Perylene-d12	23.995	264	17943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	29070	3.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	9301	0.251	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	19733	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	3562	0.051	ng/ul#	88
7) 2-Methylnaphthalene	12.446	142	2132	0.048	ng/ul	99
8) 1-Methylnaphthalene	12.661	142	1689	0.037	ng/ul	100
10) Acenaphthylene	14.329	152	2780	0.039	ng/ul#	84
11) Acenaphthene	14.672	153	2162	0.037	ng/ul	98
12) Fluorene	15.657	166	2099	0.031	ng/ul#	96
15) Phenanthrene	17.397	178	89839	0.838	ng/ul	100
16) Anthracene	17.486	178	7392	0.078	ng/ul#	93
19) Fluoranthene	19.409	202	238969	2.340	ng/ul	100
20) Pyrene	19.772	202	197927	1.863	ng/ul	98
21) Benzo(a)anthracene	21.522	228	70674	0.896	ng/ul	96
22) Chrysene	21.575	228	101622	1.238	ng/ul	97
24) Benzo(b)fluoranthene	23.244	252	179592	2.345	ng/ul	95
26) Benzo(a)pyrene	23.881	252	79734	1.199	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.553	276	67373	0.927	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.567	278	14857	0.270	ng/ul#	91
29) Benzo(g,h,i)perylene	27.348	276	67323	1.042	ng/ul	96

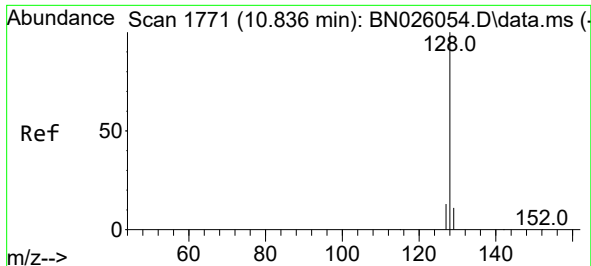
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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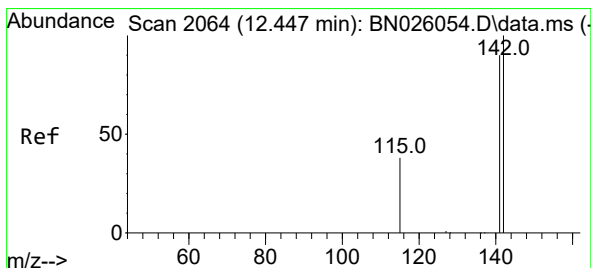
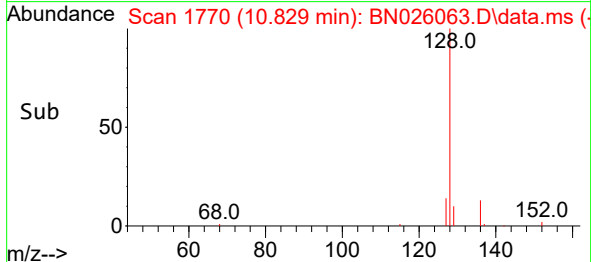
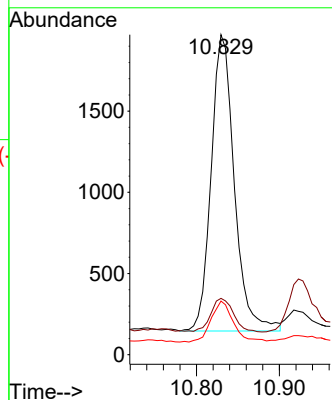
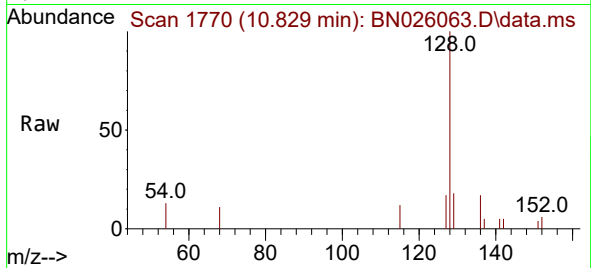




#5
Naphthalene
Concen: 0.051 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

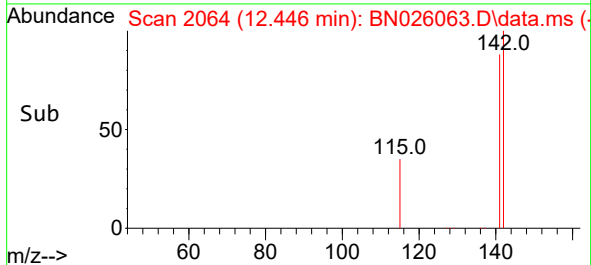
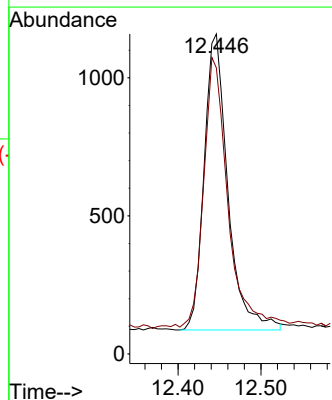
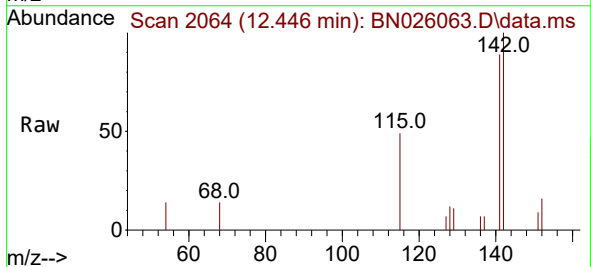
Instrument :
BNA_N
ClientSampleId :
DCFT3

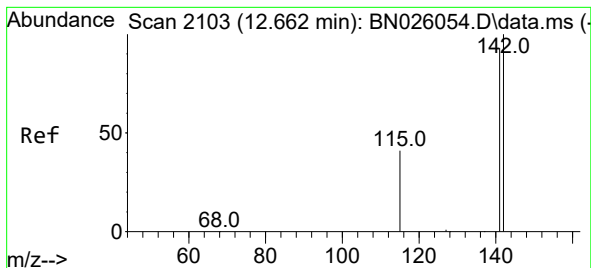
Tgt Ion:128 Resp: 3562
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7#
127 16.7 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

Tgt Ion:142 Resp: 2132
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.661 min Scan# 2103

Delta R.T. -0.001 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

Instrument :

BNA_N

ClientSampleId :

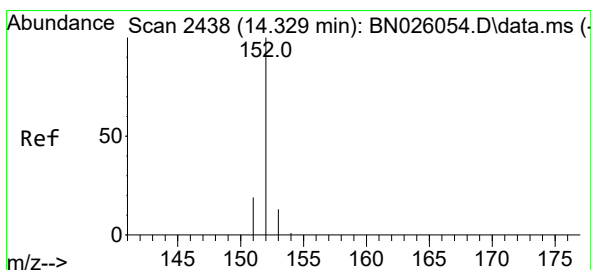
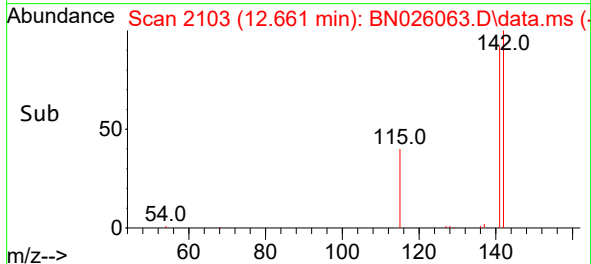
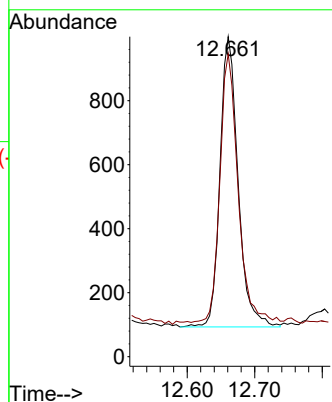
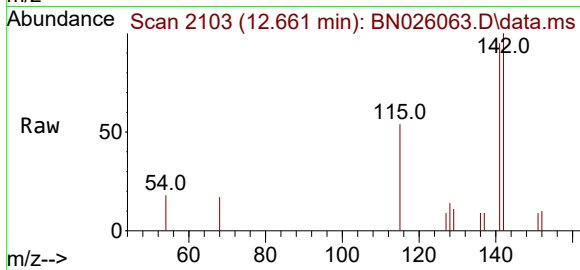
DCFT3

Tgt Ion:142 Resp: 1689

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4



#10

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.329 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

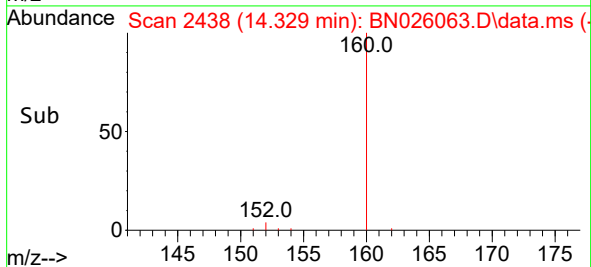
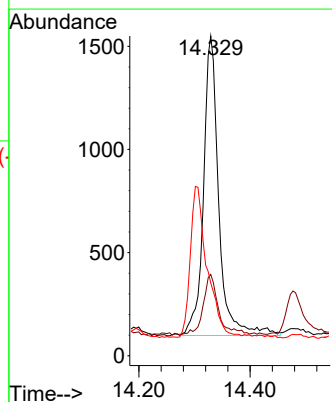
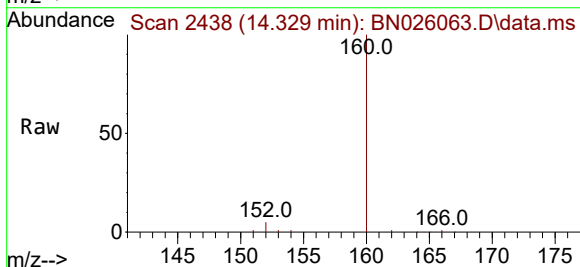
Tgt Ion:152 Resp: 2780

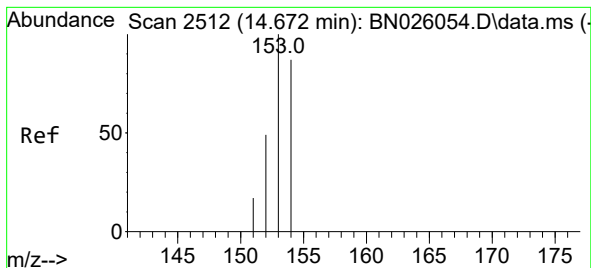
Ion Ratio Lower Upper

152 100

151 25.5 16.2 24.4#

153 22.8 10.9 16.3#





#11

Acenaphthene

Concen: 0.037 ng/ul

RT: 14.672 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCFT3

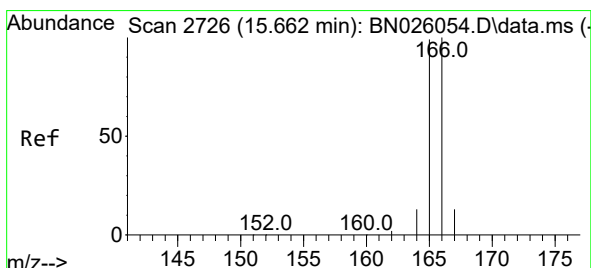
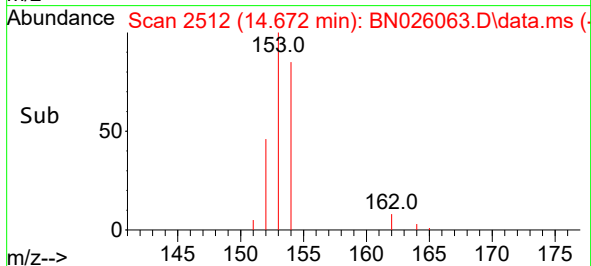
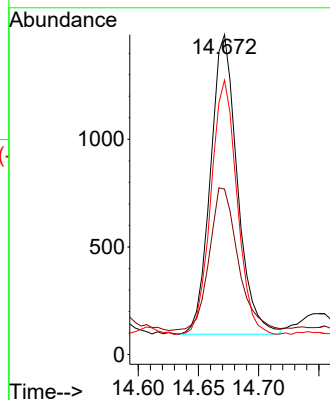
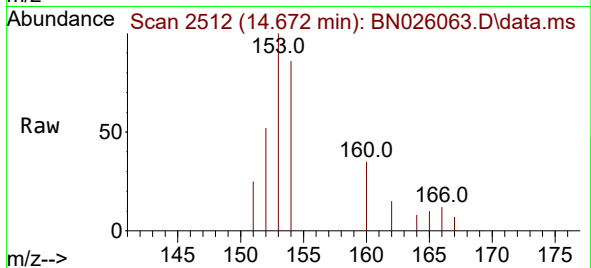
Tgt Ion:153 Resp: 2162

Ion Ratio Lower Upper

153 100

152 51.7 39.4 59.0

154 85.8 68.9 103.3



#12

Fluorene

Concen: 0.031 ng/ul

RT: 15.657 min Scan# 2725

Delta R.T. -0.005 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

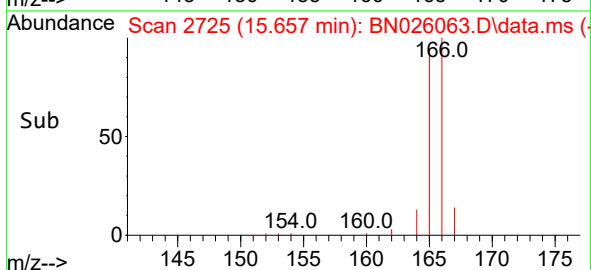
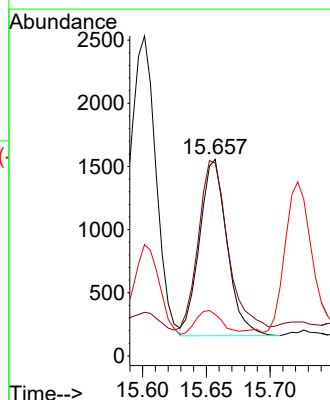
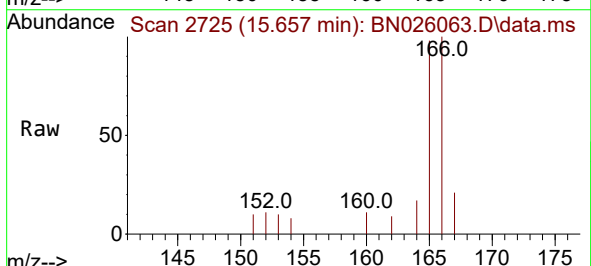
Tgt Ion:166 Resp: 2099

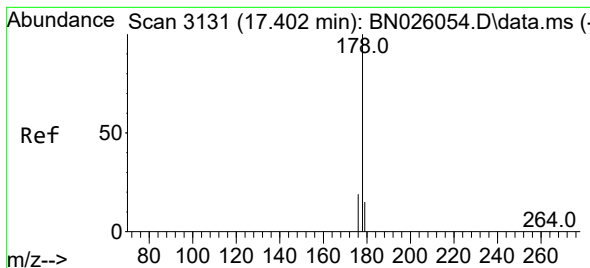
Ion Ratio Lower Upper

166 100

165 98.1 79.9 119.9

167 21.1 10.8 16.2#





#15

Phenanthrene

Concen: 0.838 ng/ul

RT: 17.397 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCFT3

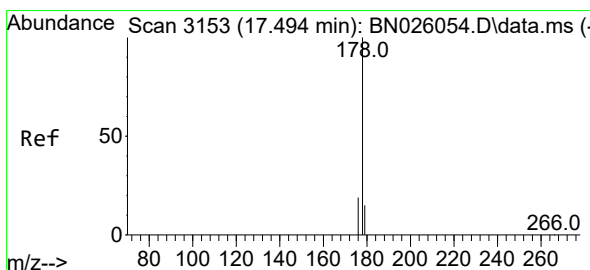
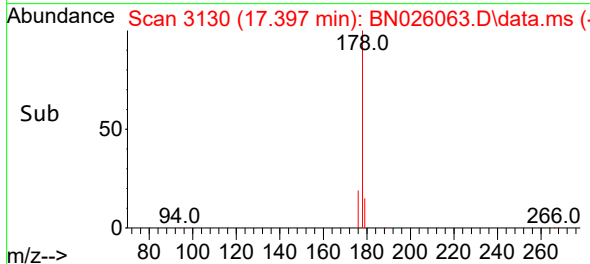
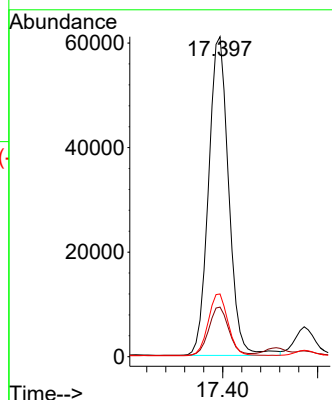
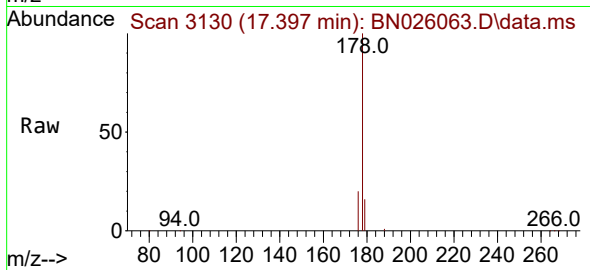
Tgt Ion:178 Resp: 89839

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.6 15.8 23.6



#16

Anthracene

Concen: 0.078 ng/ul

RT: 17.486 min Scan# 3151

Delta R.T. -0.009 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

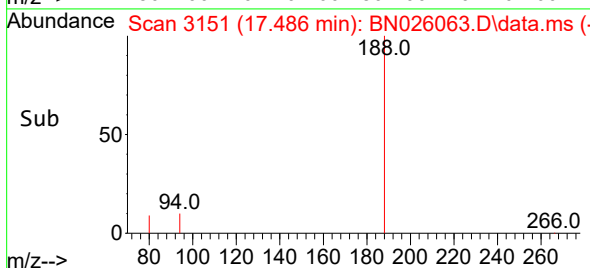
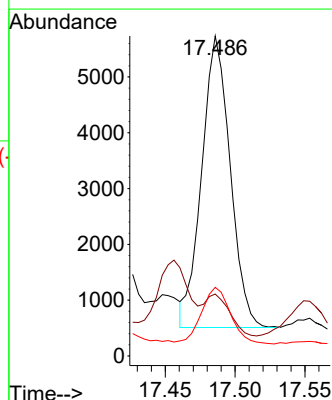
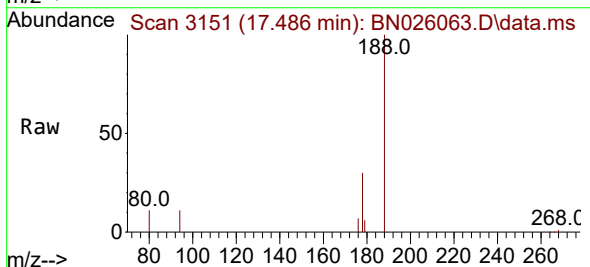
Tgt Ion:178 Resp: 7392

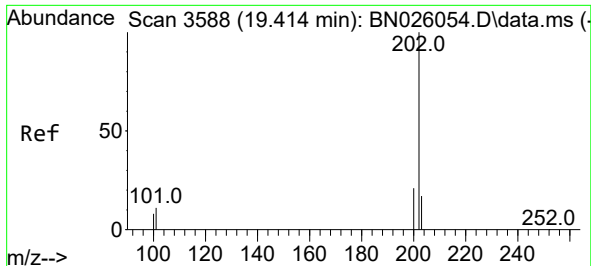
Ion Ratio Lower Upper

178 100

179 19.3 12.6 18.8#

176 21.5 15.1 22.7





#19

Fluoranthene

Concen: 2.340 ng/ul

RT: 19.409 min Scan# 3587

Delta R.T. -0.005 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

Instrument :

BNA_N

ClientSampleId :

DCFT3

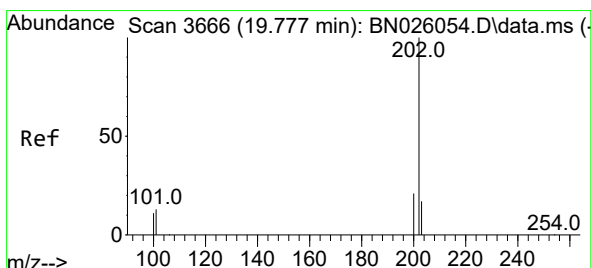
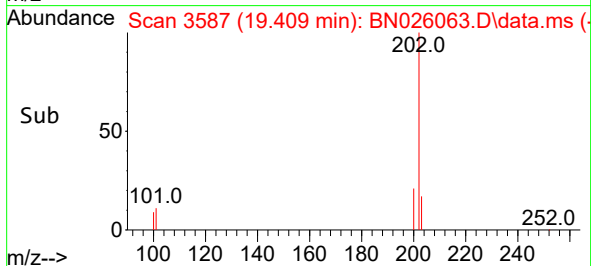
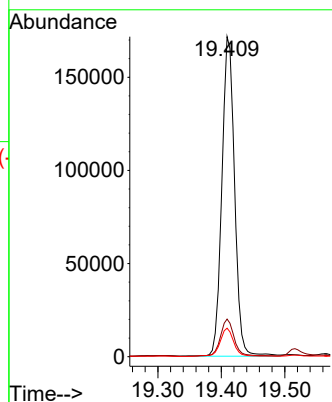
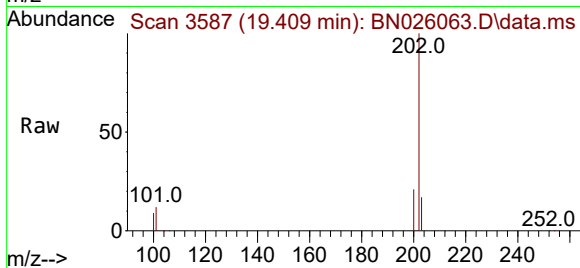
Tgt Ion:202 Resp: 238969

Ion Ratio Lower Upper

202 100

101 11.7 9.5 14.3

100 8.9 7.3 10.9



#20

Pyrene

Concen: 1.863 ng/ul

RT: 19.772 min Scan# 3665

Delta R.T. -0.005 min

Lab File: BN026063.D

Acq: 28 Jun 2023 18:03

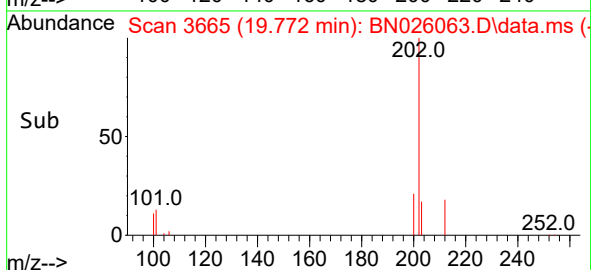
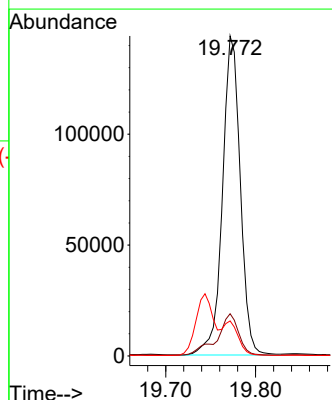
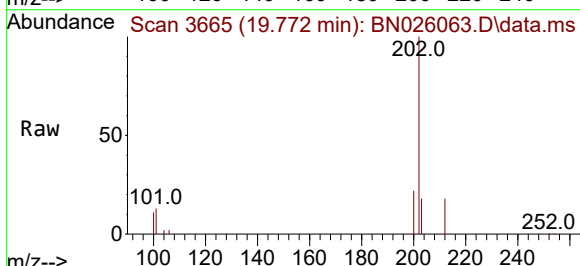
Tgt Ion:202 Resp: 197927

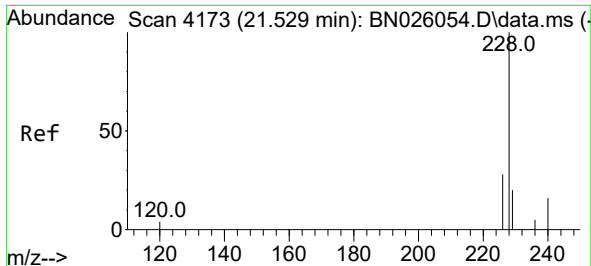
Ion Ratio Lower Upper

202 100

101 13.2 11.4 17.0

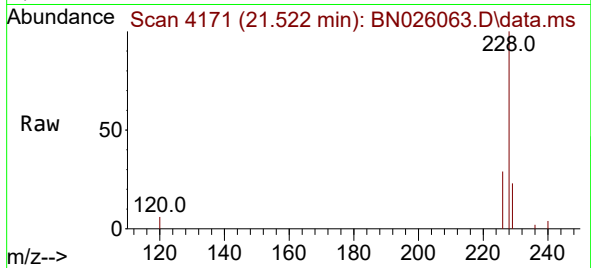
100 11.0 9.1 13.7



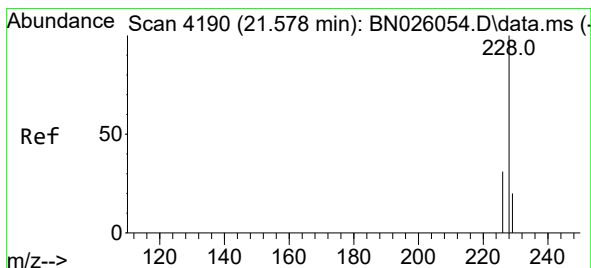
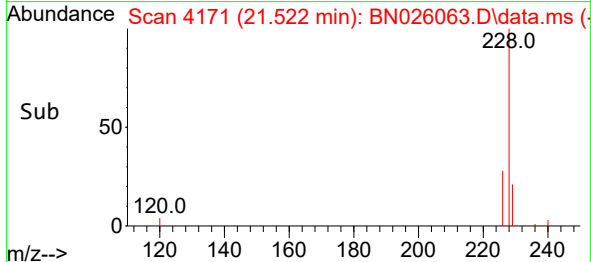
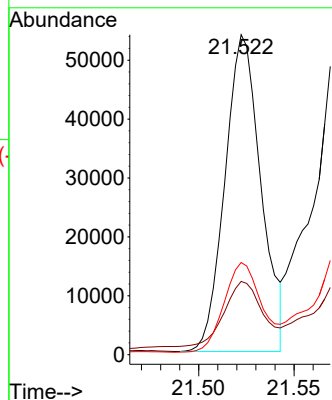


#21
Benzo(a)anthracene
Concen: 0.896 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

Instrument :
BNA_N
ClientSampleId :
DCFT3

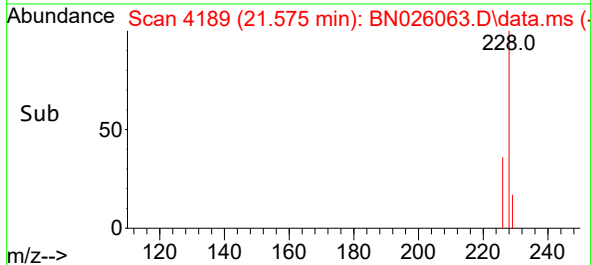
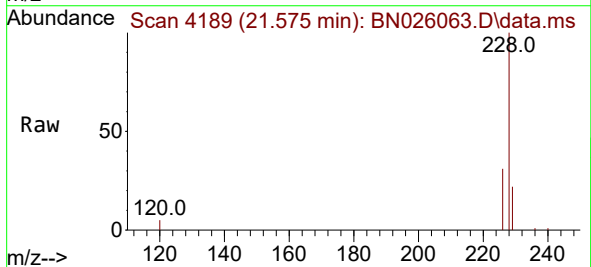
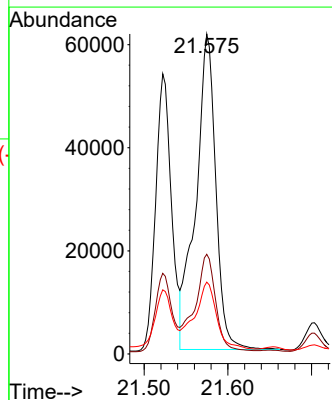


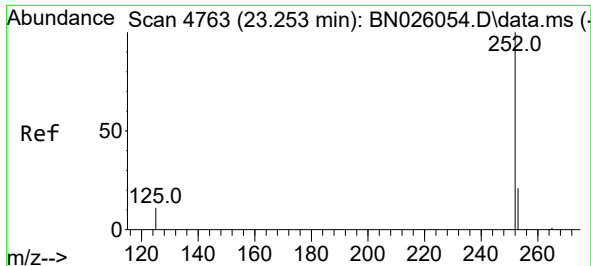
Tgt Ion:228 Resp: 70674
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 28.8 22.5 33.7



#22
Chrysene
Concen: 1.238 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

Tgt Ion:228 Resp: 101622
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.4 15.7 23.5

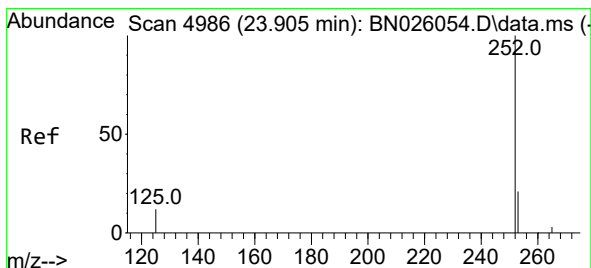
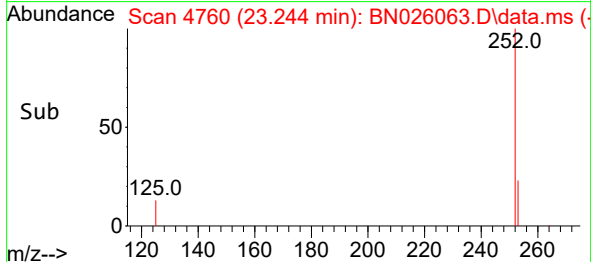
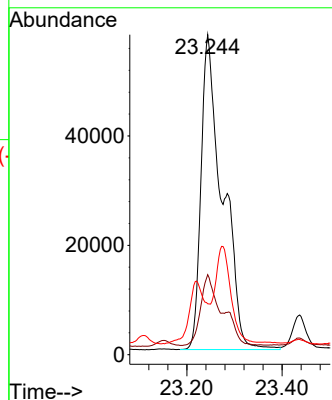
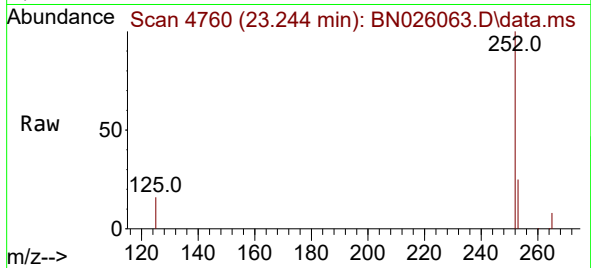




#24
Benzo(b)fluoranthene
Concen: 2.345 ng/ul
RT: 23.244 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

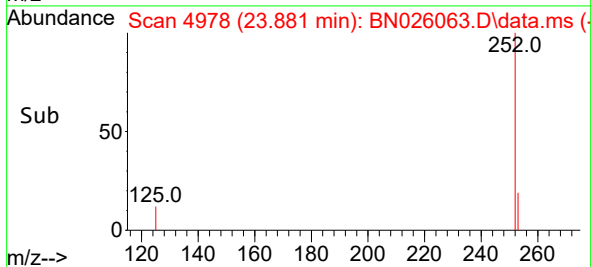
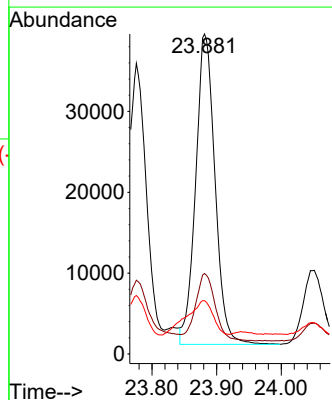
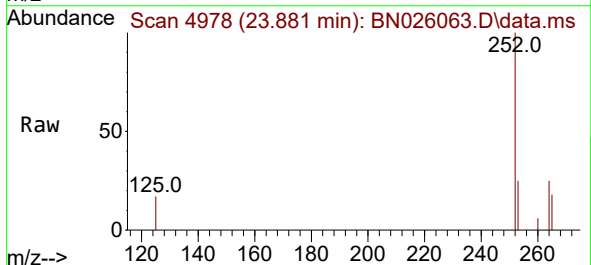
Instrument :
BNA_N
ClientSampleId :
DCFT3

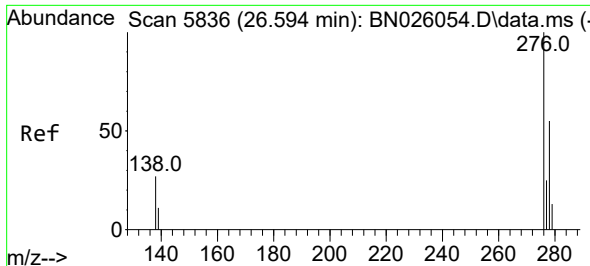
Tgt Ion:252 Resp: 179592
Ion Ratio Lower Upper
252 100
253 25.0 0.0 55.6
125 15.9 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.199 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. -0.024 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

Tgt Ion:252 Resp: 79734
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 16.6 17.3 25.9#

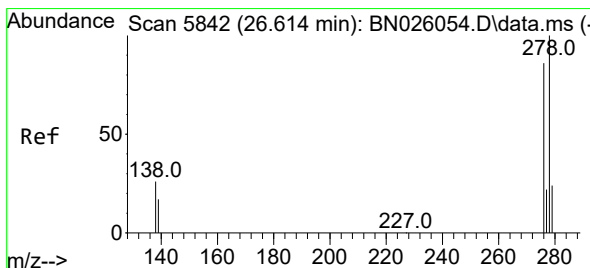
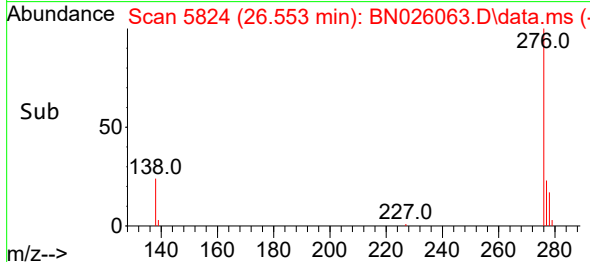
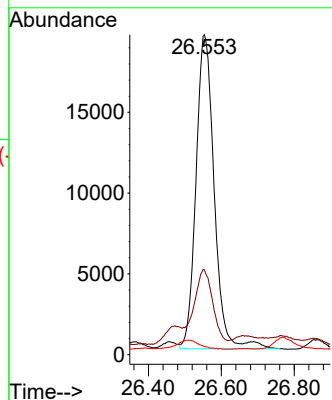
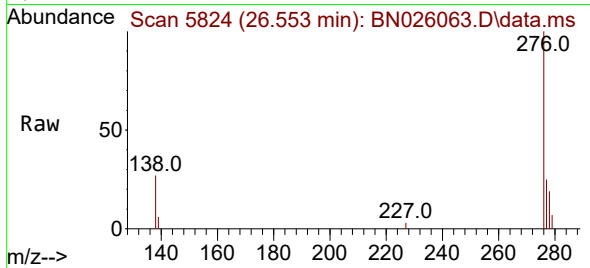




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.927 ng/ul
 RT: 26.553 min Scan# 5824
 Delta R.T. -0.041 min
 Lab File: BN026063.D
 Acq: 28 Jun 2023 18:03

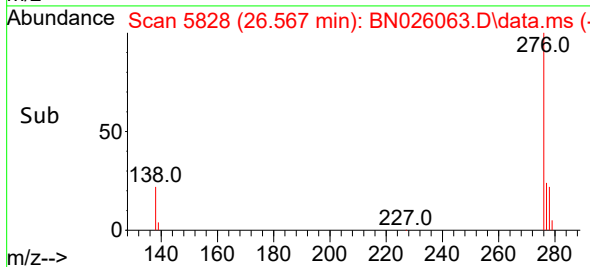
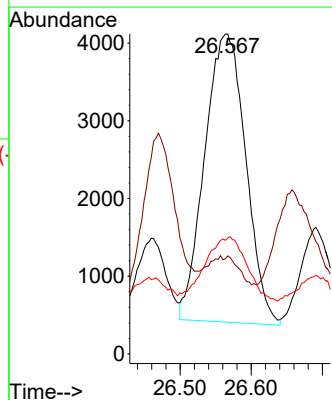
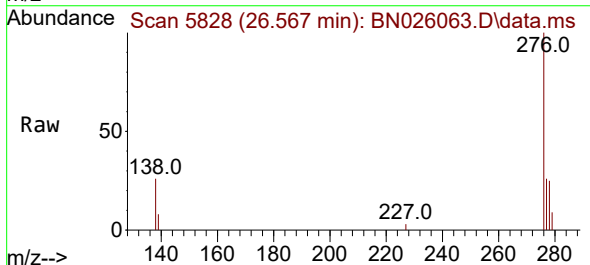
Instrument :
 BNA_N
 ClientSampleId :
 DCFT3

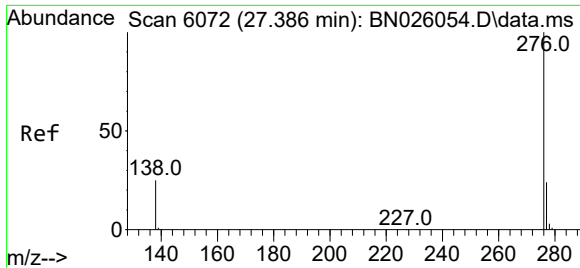
Tgt Ion:276 Resp: 67373
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.270 ng/ul
 RT: 26.567 min Scan# 5828
 Delta R.T. -0.048 min
 Lab File: BN026063.D
 Acq: 28 Jun 2023 18:03

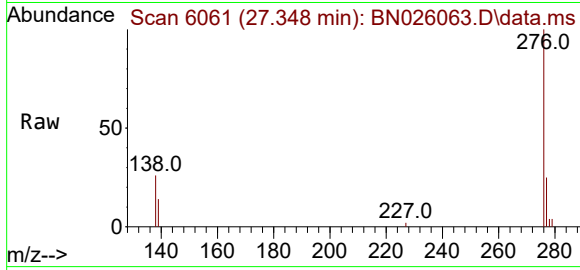
Tgt Ion:278 Resp: 14857
 Ion Ratio Lower Upper
 278 100
 139 30.6 19.0 28.4#
 279 36.2 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 1.042 ng/ul
RT: 27.348 min Scan# 60
Delta R.T. -0.038 min
Lab File: BN026063.D
Acq: 28 Jun 2023 18:03

Instrument :
BNA_N
ClientSampleId :
DCFT3



Tgt Ion:276 Resp: 67323
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.0
277 24.7 20.0 30.0

