

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026093.D
 Acq On : 29 Jun 2023 14:12
 Operator : MA/JU
 Sample : 03142-10DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS9DL

Quant Time: Jun 30 00:43:44 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

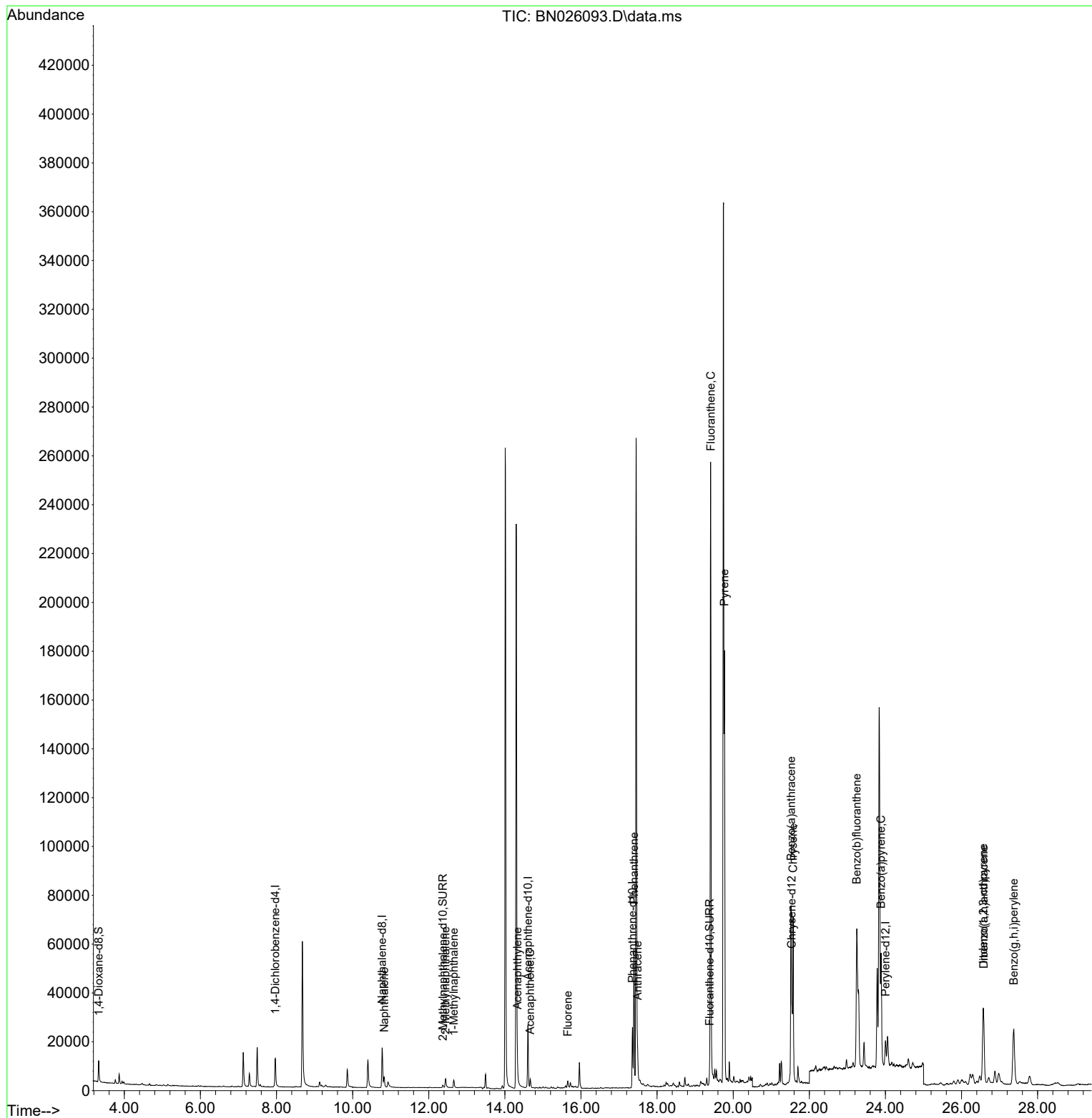
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7544	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	24973	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14909	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	30325	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	17081	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	15865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	6284	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1975	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	4321	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	6598	0.092	ng/ul#	96
7) 2-Methylnaphthalene	12.442	142	3419	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	2565	0.054	ng/ul	99
10) Acenaphthylene	14.329	152	7246	0.104	ng/ul	96
11) Acenaphthene	14.667	153	2201	0.039	ng/ul	98
12) Fluorene	15.653	166	1835	0.028	ng/ul#	91
15) Phenanthrene	17.393	178	61984	0.619	ng/ul	99
16) Anthracene	17.486	178	11482	0.129	ng/ul#	94
19) Fluoranthene	19.410	202	184362	2.021	ng/ul#	65
20) Pyrene	19.772	202	150249	1.583	ng/ul	96
21) Benzo(a)anthracene	21.520	228	64255	0.912	ng/ul	98
22) Chrysene	21.573	228	78776	1.074	ng/ul	97
24) Benzo(b)fluoranthene	23.247	252	152154	2.247	ng/ul	94
26) Benzo(a)pyrene	23.885	252	65975	1.122	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.571	276	55864	0.870	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.581	278	13039	0.268	ng/ul	91
29) Benzo(g,h,i)perylene	27.372	276	53619	0.938	ng/ul	96

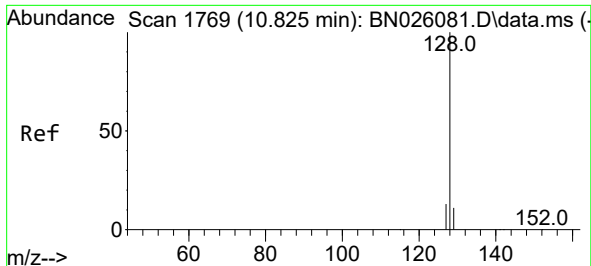
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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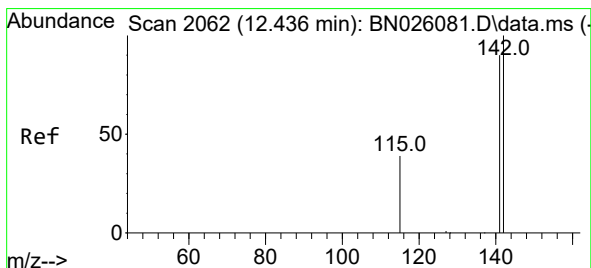
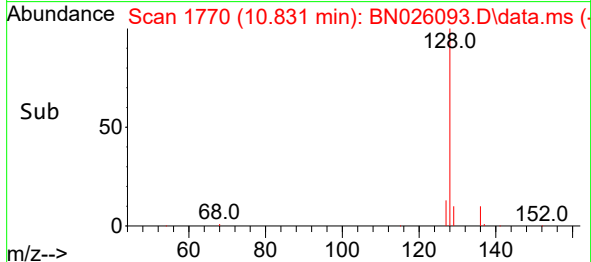
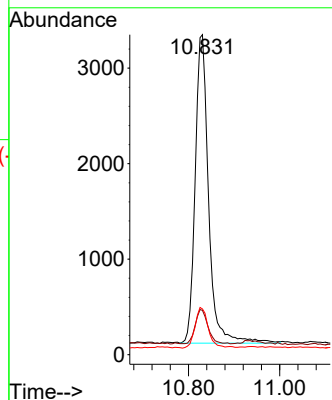
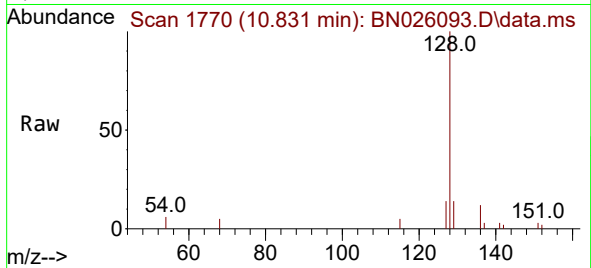




#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

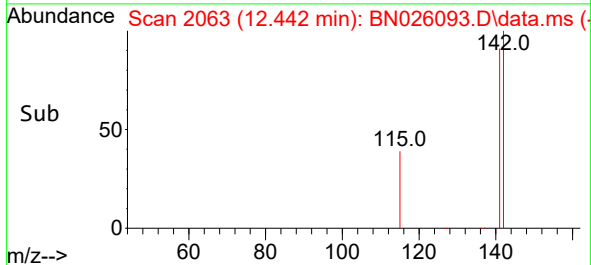
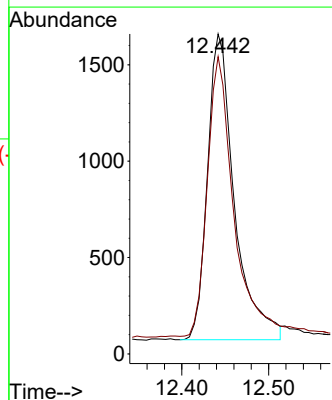
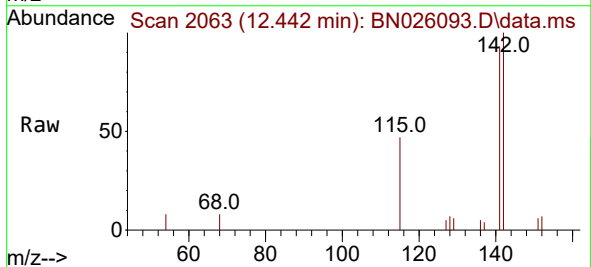
Instrument :
BNA_N
ClientSampleId :
DCFS9DL

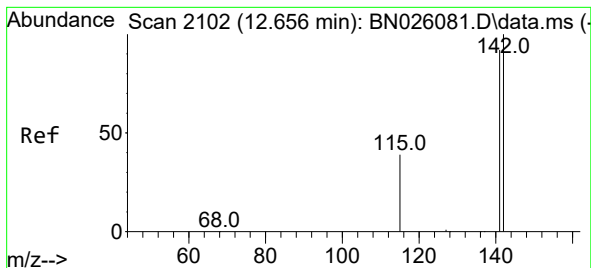
Tgt Ion:128 Resp: 6598
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7#
127 14.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Tgt Ion:142 Resp: 3419
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.054 ng/ul

RT: 12.656 min Scan# 2102

Delta R.T. -0.006 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

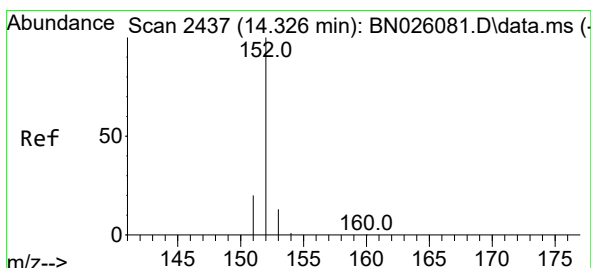
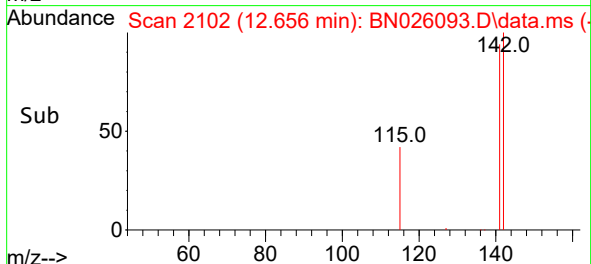
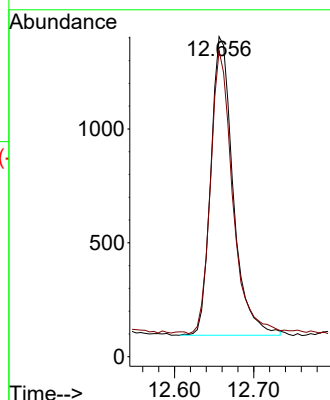
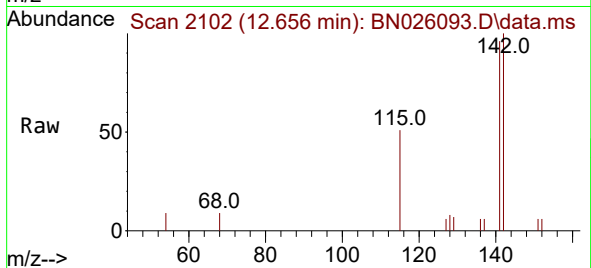
DCFS9DL

Tgt Ion:142 Resp: 2565

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4



#10

Acenaphthylene

Concen: 0.104 ng/ul

RT: 14.329 min Scan# 2438

Delta R.T. -0.000 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

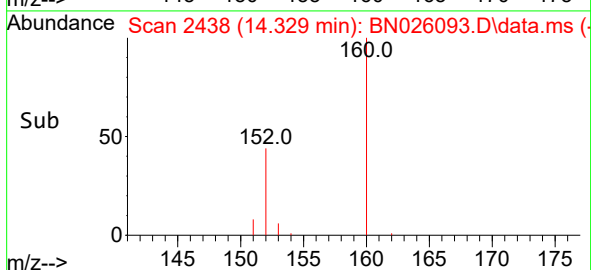
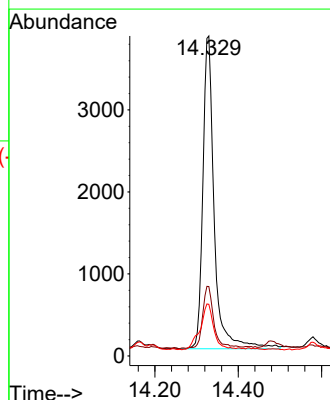
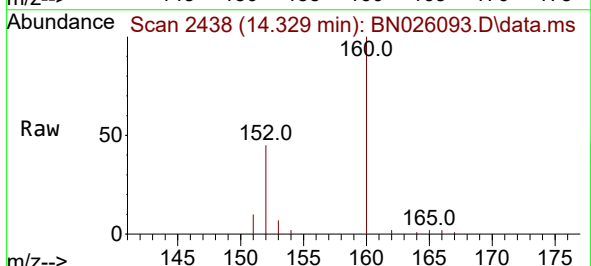
Tgt Ion:152 Resp: 7246

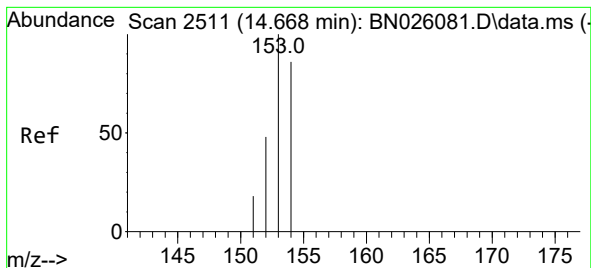
Ion Ratio Lower Upper

152 100

151 21.7 16.2 24.4

153 16.2 10.9 16.3





#11

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.667 min Scan# 2511

Delta R.T. -0.005 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

DCFS9DL

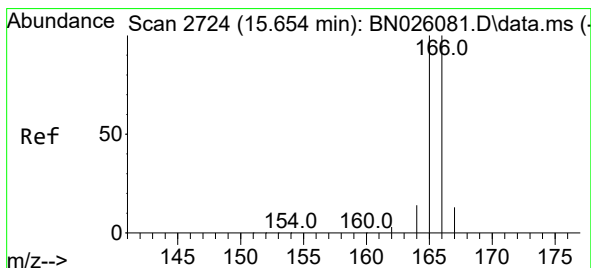
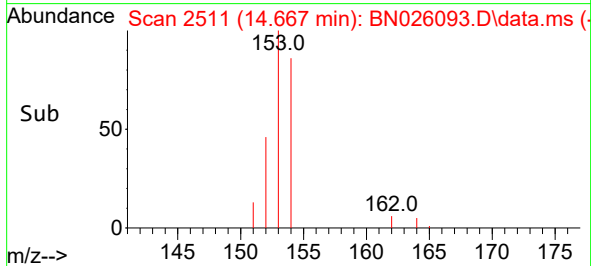
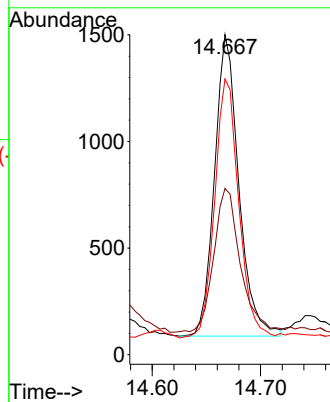
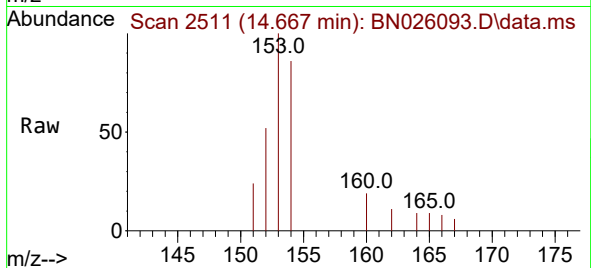
Tgt Ion:153 Resp: 2201

Ion Ratio Lower Upper

153 100

152 52.0 39.4 59.0

154 86.1 68.9 103.3



#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.653 min Scan# 2724

Delta R.T. -0.009 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

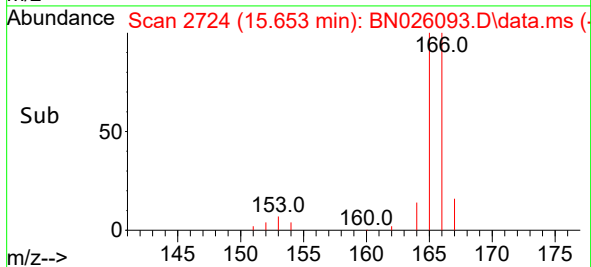
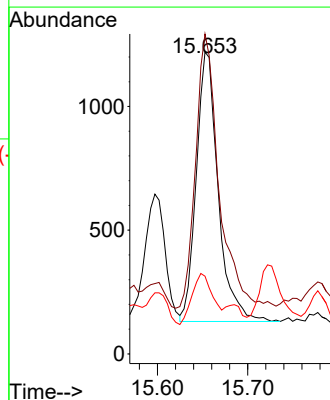
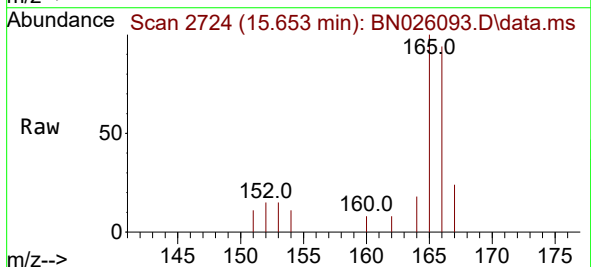
Tgt Ion:166 Resp: 1835

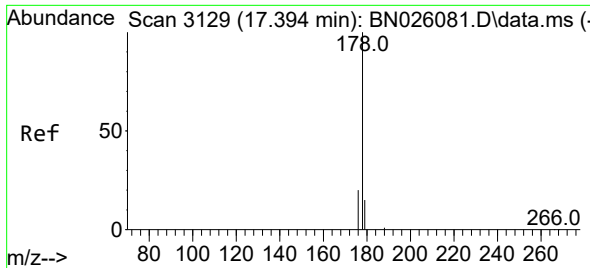
Ion Ratio Lower Upper

166 100

165 106.0 79.9 119.9

167 25.7 10.8 16.2#

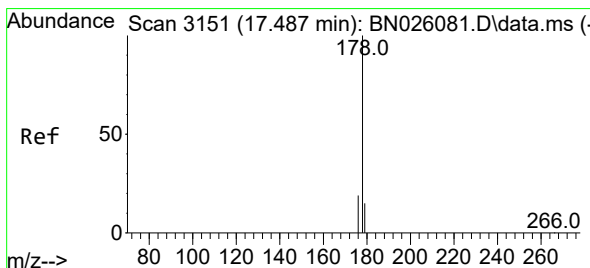
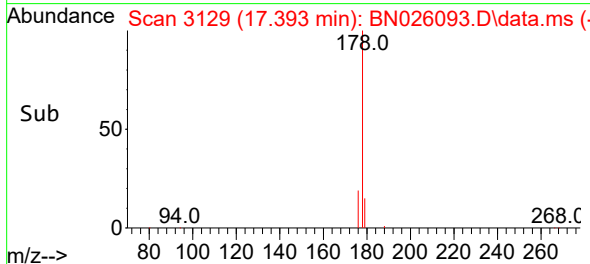
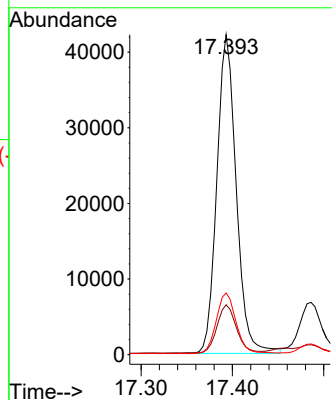
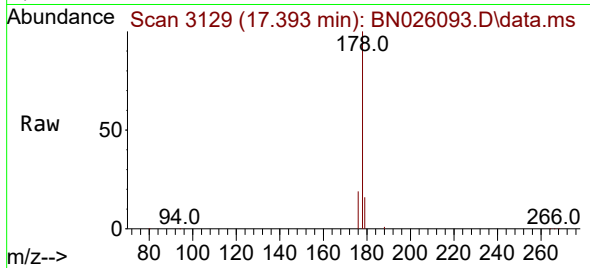




#15
Phenanthrene
Concen: 0.619 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

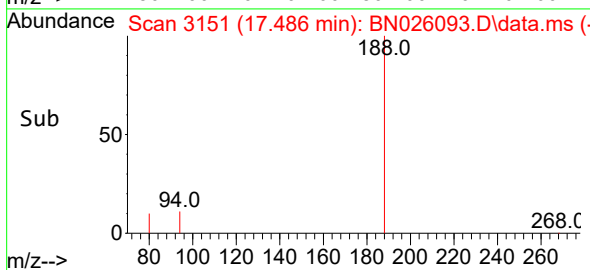
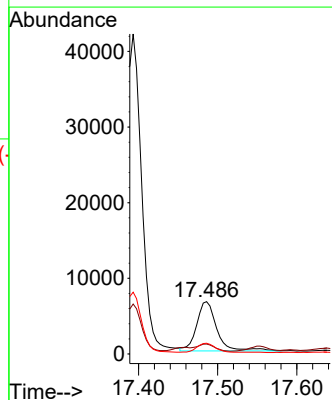
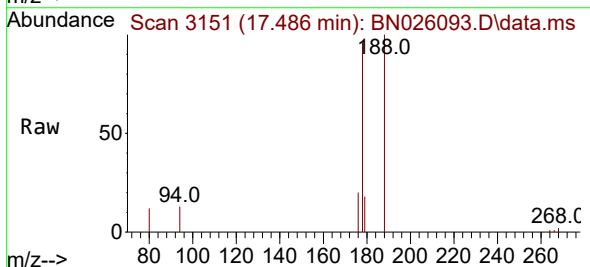
Instrument :
BNA_N
ClientSampleId :
DCFS9DL

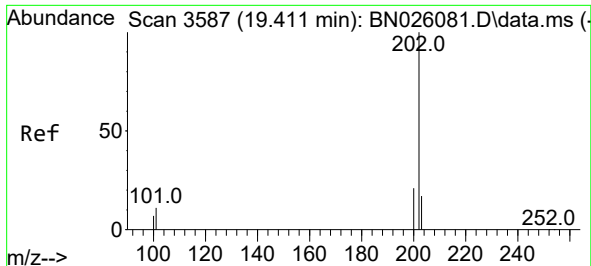
Tgt Ion:178 Resp: 61984
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.6



#16
Anthracene
Concen: 0.129 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Tgt Ion:178 Resp: 11482
Ion Ratio Lower Upper
178 100
179 19.1 12.6 18.8#
176 20.5 15.1 22.7

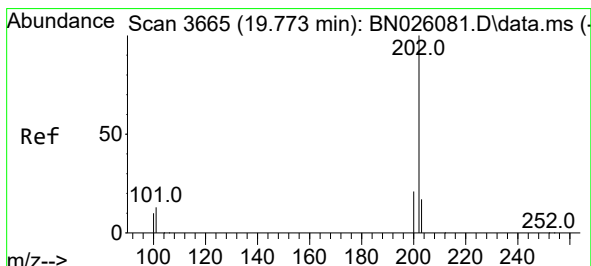
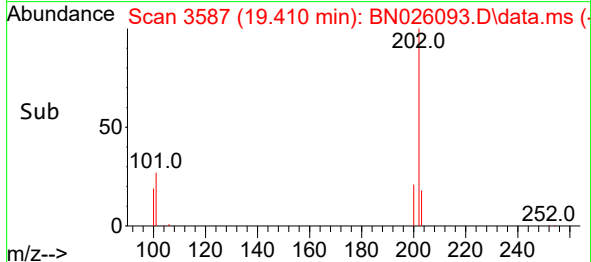
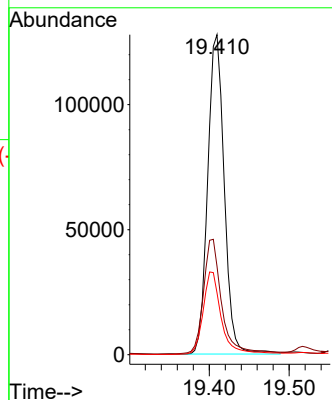
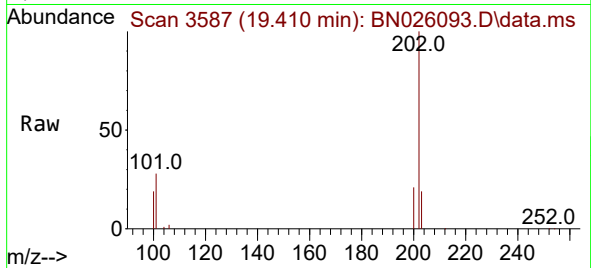




#19
Fluoranthene
Concen: 2.021 ng/u1
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

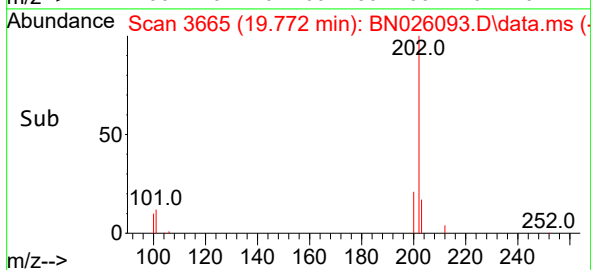
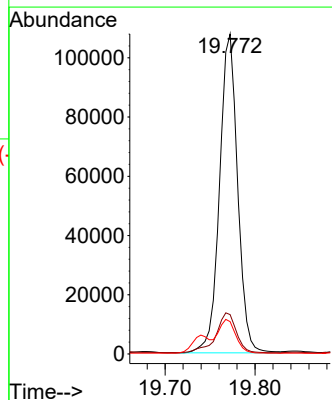
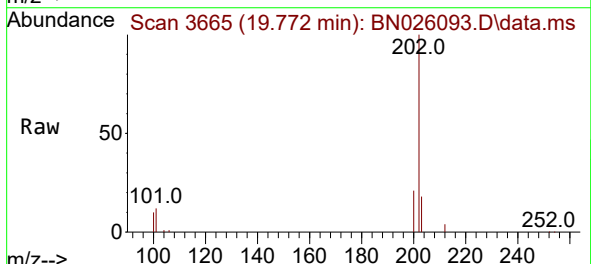
Instrument :
BNA_N
ClientSampleId :
DCFS9DL

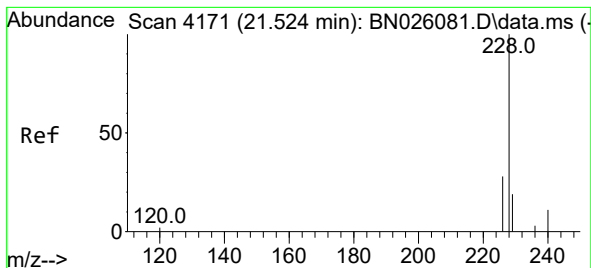
Tgt Ion:202 Resp: 184362
Ion Ratio Lower Upper
202 100
101 27.7 9.5 14.3#
100 19.4 7.3 10.9#



#20
Pyrene
Concen: 1.583 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Tgt Ion:202 Resp: 150249
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.912 ng/ul

RT: 21.520 min Scan# 4171

Delta R.T. -0.009 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

DCFS9DL

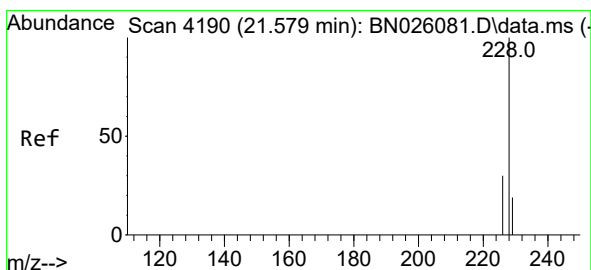
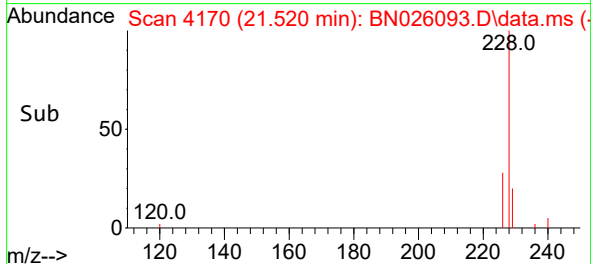
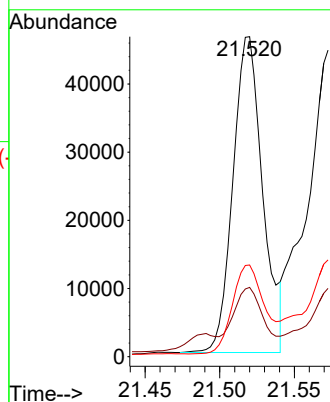
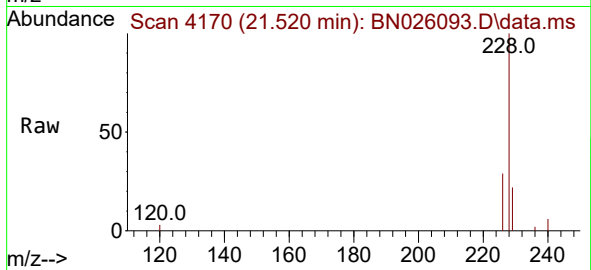
Tgt Ion:228 Resp: 64255

Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.6

226 28.7 22.5 33.7



#22

Chrysene

Concen: 1.074 ng/ul

RT: 21.573 min Scan# 4188

Delta R.T. -0.006 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

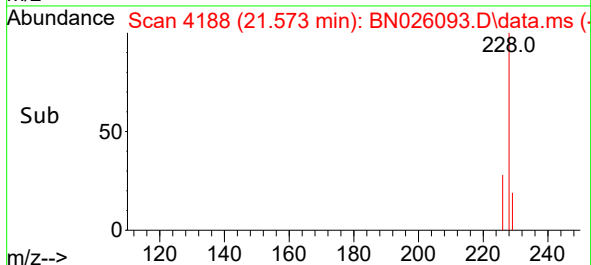
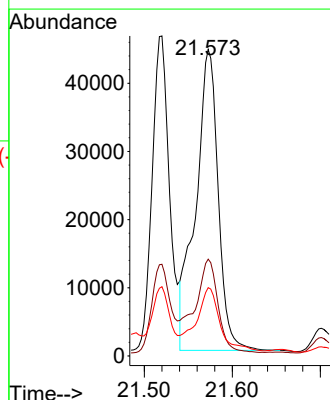
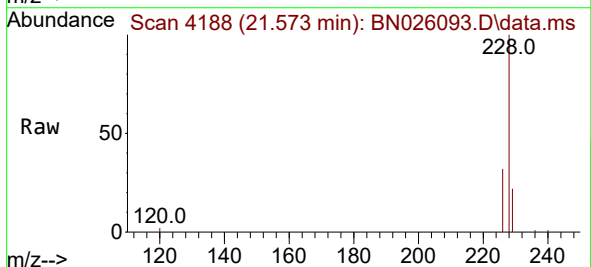
Tgt Ion:228 Resp: 78776

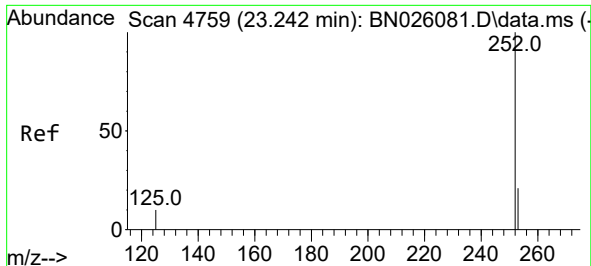
Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

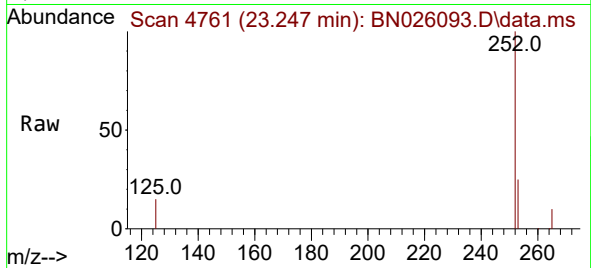
229 22.3 15.7 23.5



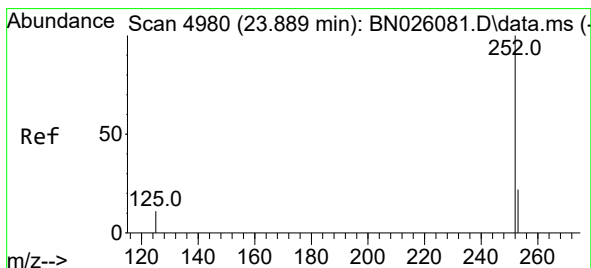
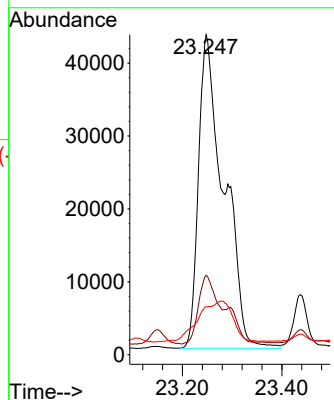


#24
Benzo(b)fluoranthene
Concen: 2.247 ng/ul
RT: 23.247 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Instrument :
BNA_N
ClientSampleId :
DCFS9DL

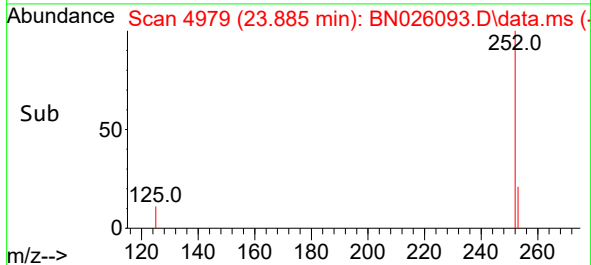
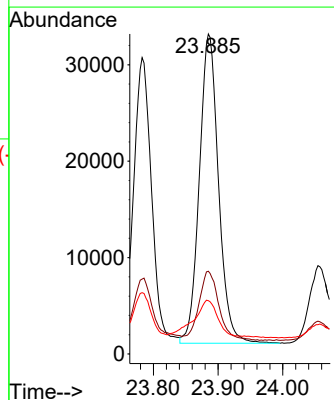
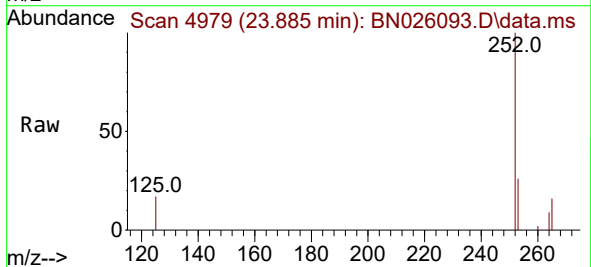


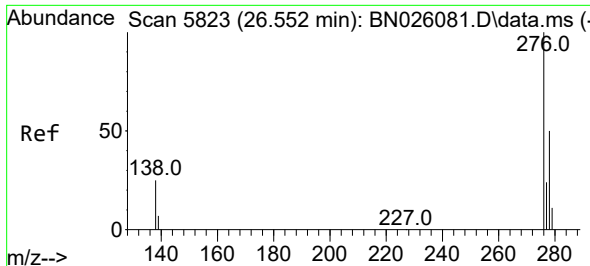
Tgt Ion:252 Resp: 152154
Ion Ratio Lower Upper
252 100
253 24.8 0.0 55.6
125 15.0 0.0 35.8



#26
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.020 min
Lab File: BN026093.D
Acq: 29 Jun 2023 14:12

Tgt Ion:252 Resp: 65975
Ion Ratio Lower Upper
252 100
253 25.9 26.0 39.0#
125 16.6 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.870 ng/ul

RT: 26.571 min Scan# 5829

Delta R.T. -0.024 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

Instrument :

BNA_N

ClientSampleId :

DCFS9DL

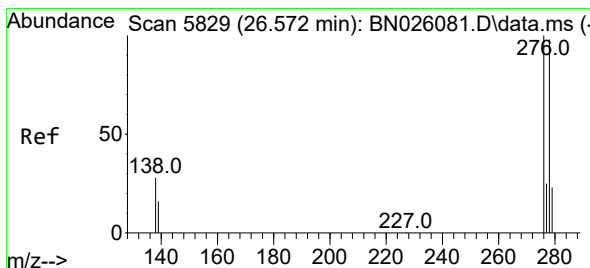
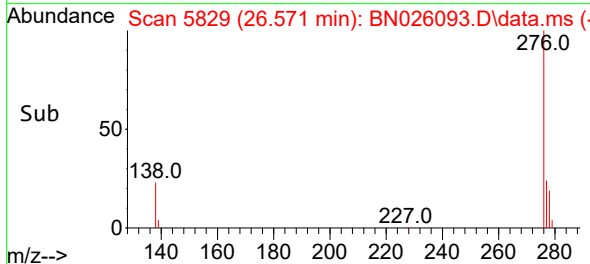
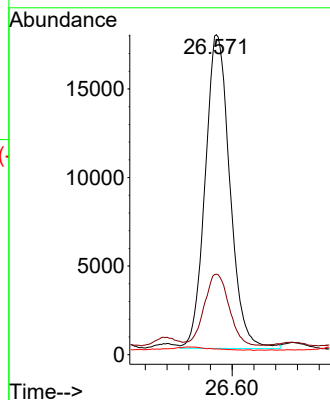
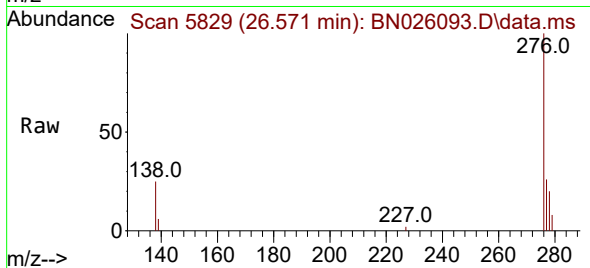
Tgt Ion:276 Resp: 55864

Ion Ratio Lower Upper

276 100

138 23.0 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.268 ng/ul

RT: 26.581 min Scan# 5832

Delta R.T. -0.034 min

Lab File: BN026093.D

Acq: 29 Jun 2023 14:12

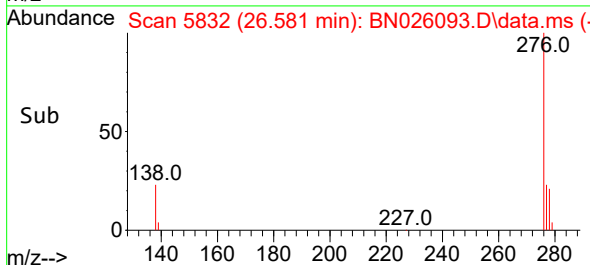
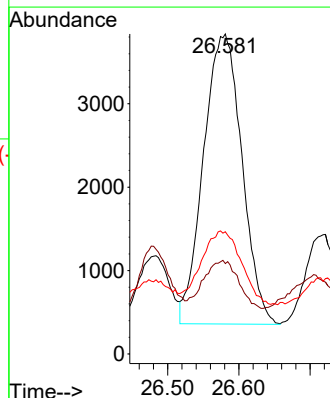
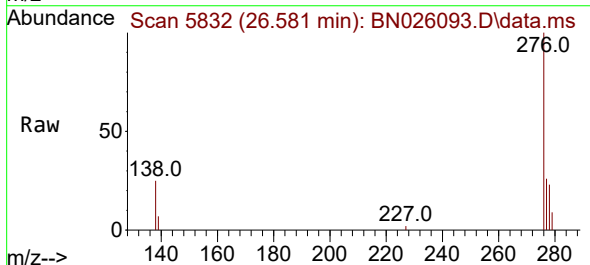
Tgt Ion:278 Resp: 13039

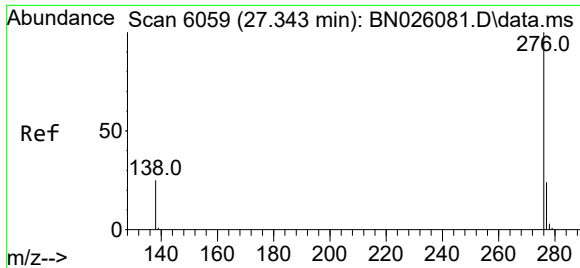
Ion Ratio Lower Upper

278 100

139 28.3 19.0 28.4

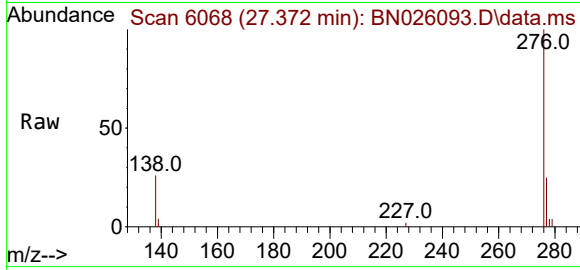
279 38.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.938 ng/ul
 RT: 27.372 min Scan# 6068
 Delta R.T. -0.013 min
 Lab File: BN026093.D
 Acq: 29 Jun 2023 14:12

Instrument :
 BNA_N
 ClientSampleId :
 DCFS9DL



Tgt Ion:276 Resp: 53619
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.0
 277 24.9 20.0 30.0

