

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026194.D
 Acq On : 02 Jul 2023 18:12
 Operator : MA/JU
 Sample : 03247-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM5

Quant Time: Jul 03 05:41:17 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

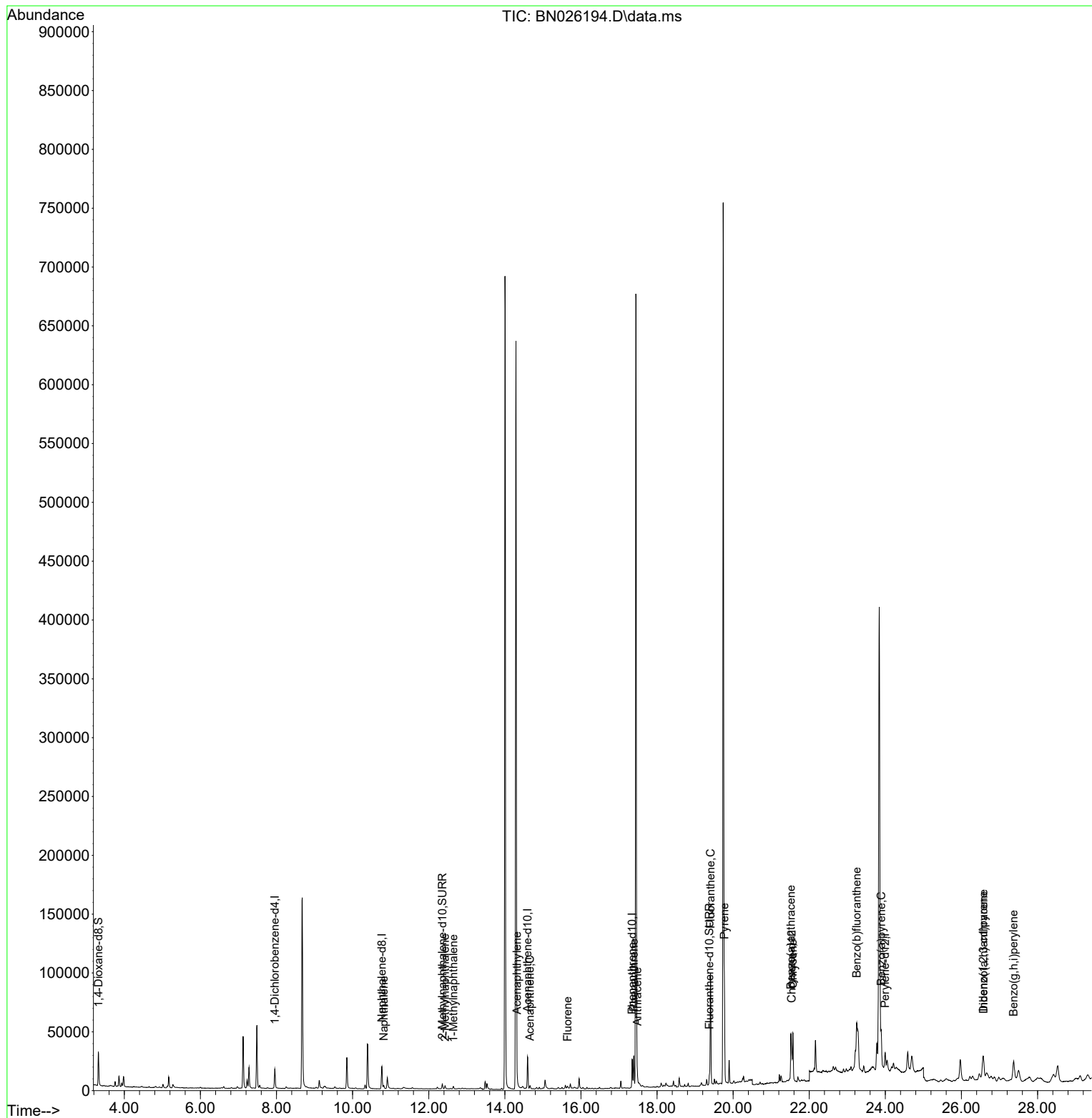
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	27955	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	15695	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	29087	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	16381	0.400	ng/ul	# 0.00
23) Perylene-d12	23.995	264	19267	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	19545	1.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	5677	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	8759	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	2983	0.037	ng/ul#	87
7) 2-Methylnaphthalene	12.430	142	1934	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.650	142	1517	0.029	ng/ul	98
10) Acenaphthylene	14.320	152	4753	0.065	ng/ul#	86
11) Acenaphthene	14.662	153	1506	0.025	ng/ul#	93
12) Fluorene	15.648	166	1438	0.021	ng/ul#	92
15) Phenanthrene	17.389	178	29084	0.303	ng/ul	97
16) Anthracene	17.482	178	4888	0.057	ng/ul#	82
19) Fluoranthene	19.404	202	84450	0.965	ng/ul	98
20) Pyrene	19.771	202	69204	0.760	ng/ul	96
21) Benzo(a)anthracene	21.516	228	33775	0.500	ng/ul#	88
22) Chrysene	21.572	228	46970	0.668	ng/ul#	91
24) Benzo(b)fluoranthene	23.247	252	102749	1.249	ng/ul	94
26) Benzo(a)pyrene	23.890	252	44307	0.620	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.570	276	40633	0.521	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.580	278	9191	0.156	ng/ul#	43
29) Benzo(g,h,i)perylene	27.372	276	40710	0.587	ng/ul#	92

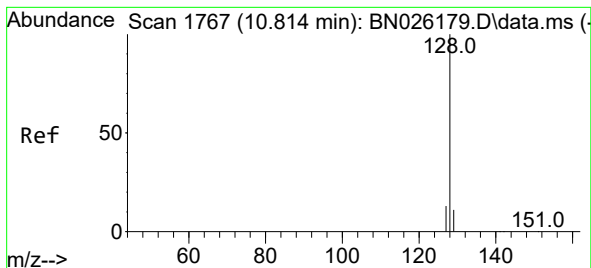
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.037 ng/ul

RT: 10.818 min Scan# 1768

Delta R.T. -0.007 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

DCGM5

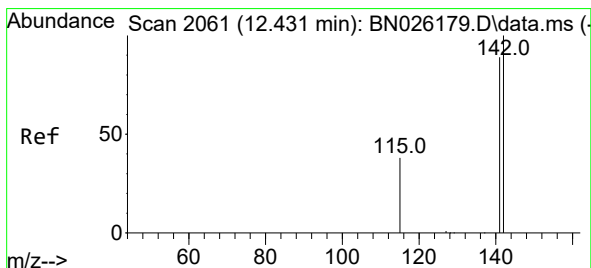
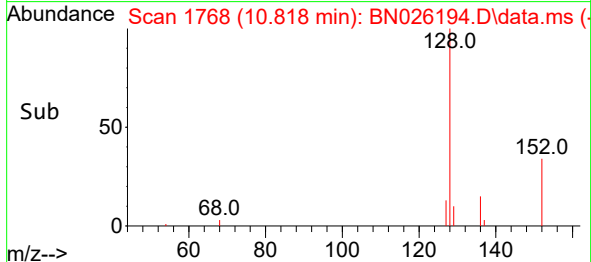
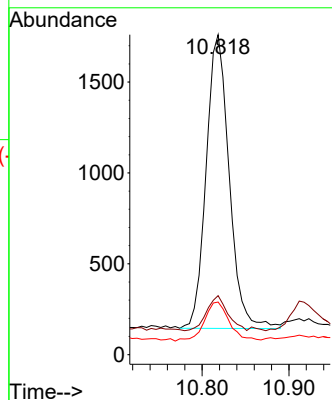
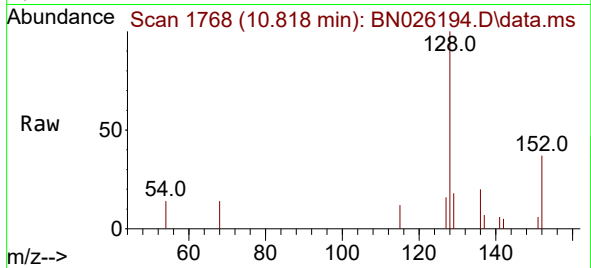
Tgt Ion:128 Resp: 2983

Ion Ratio Lower Upper

128 100

129 18.5 9.1 13.7#

127 16.5 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.430 min Scan# 2061

Delta R.T. -0.007 min

Lab File: BN026194.D

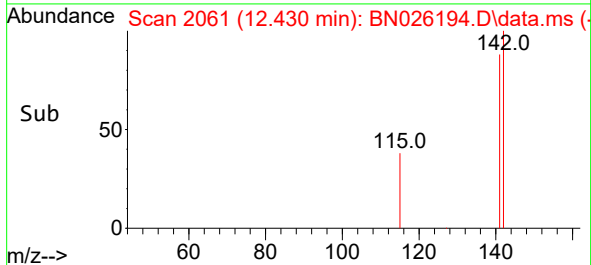
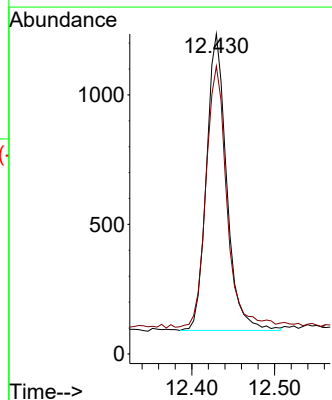
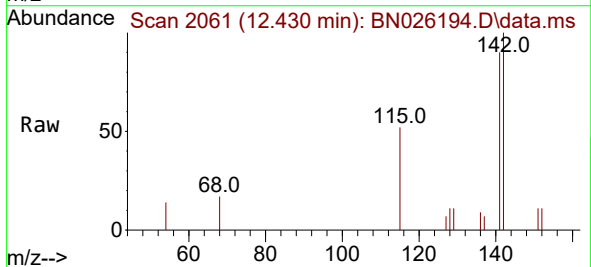
Acq: 02 Jul 2023 18:12

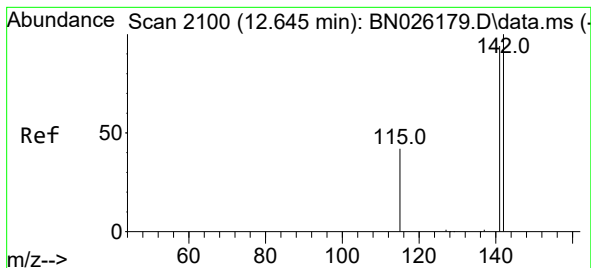
Tgt Ion:142 Resp: 1934

Ion Ratio Lower Upper

142 100

141 91.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.029 ng/ul

RT: 12.650 min Scan# 2101

Delta R.T. -0.001 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

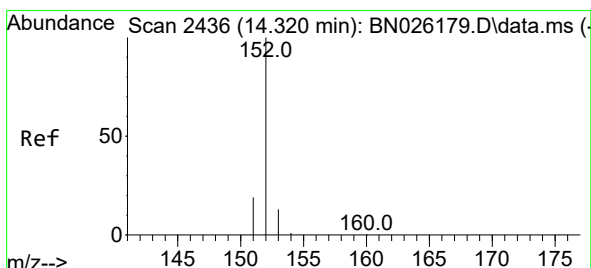
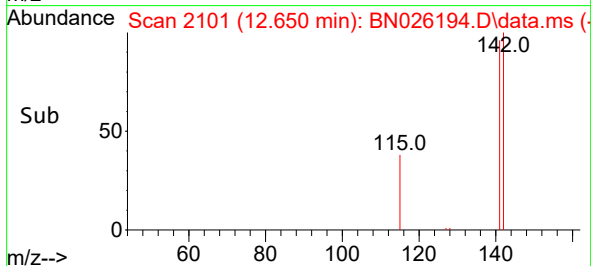
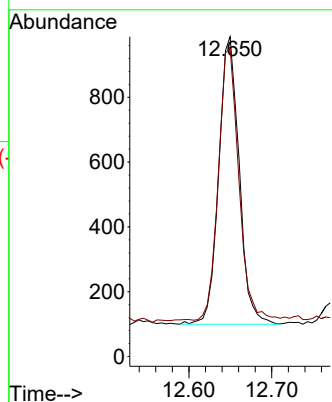
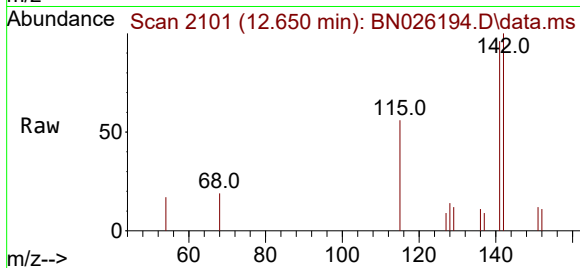
DCGM5

Tgt Ion:142 Resp: 1517

Ion Ratio Lower Upper

142 100

141 95.1 74.2 111.4



#10

Acenaphthylene

Concen: 0.065 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

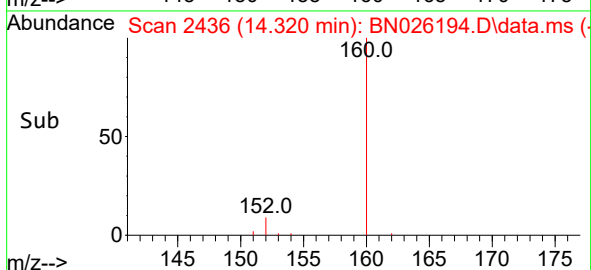
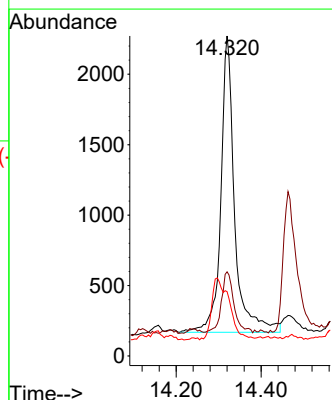
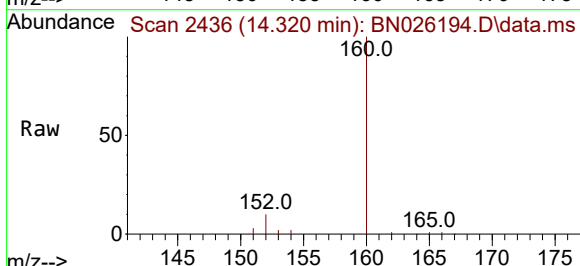
Tgt Ion:152 Resp: 4753

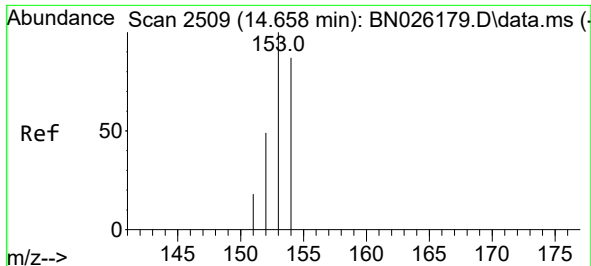
Ion Ratio Lower Upper

152 100

151 26.3 16.2 24.4#

153 20.1 10.9 16.3#

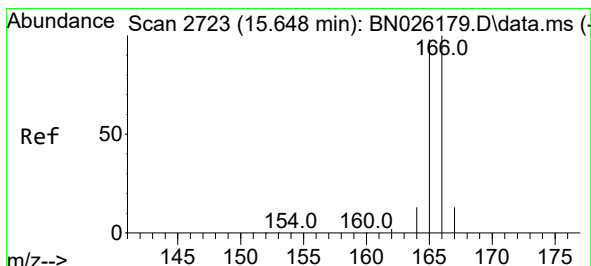
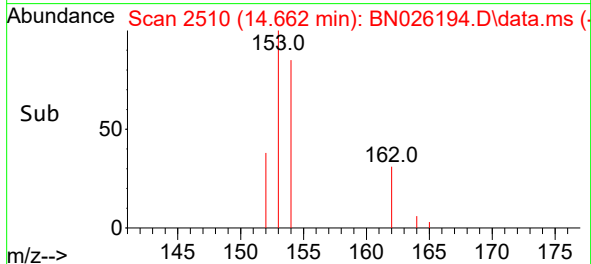
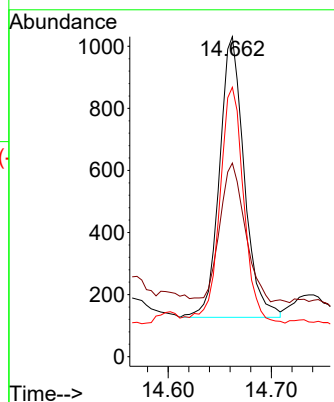
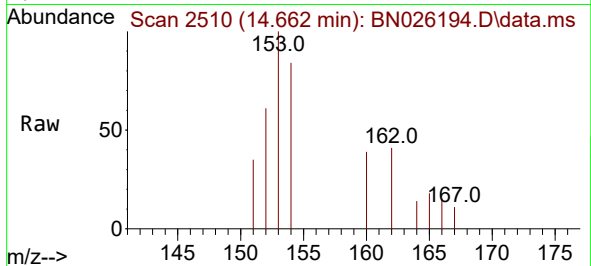




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BN026194.D
Acq: 02 Jul 2023 18:12

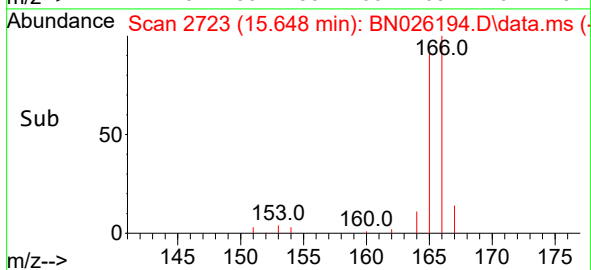
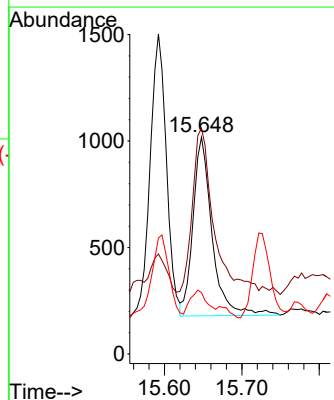
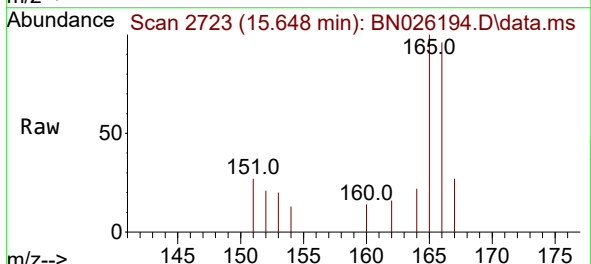
Instrument :
BNA_N
ClientSampleId :
DCGM5

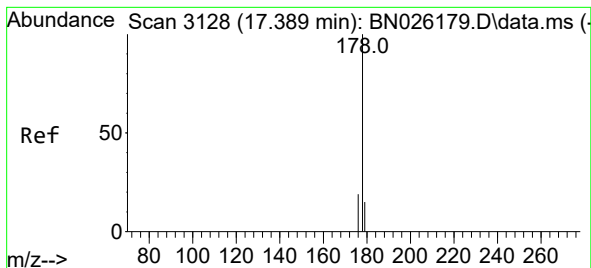
Tgt Ion:153 Resp: 1506
Ion Ratio Lower Upper
153 100
152 60.5 39.4 59.0#
154 84.2 68.9 103.3



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.006 min
Lab File: BN026194.D
Acq: 02 Jul 2023 18:12

Tgt Ion:166 Resp: 1438
Ion Ratio Lower Upper
166 100
165 104.2 79.9 119.9
167 28.4 10.8 16.2#





#15

Phenanthrene

Concen: 0.303 ng/ul

RT: 17.389 min Scan# 3128

Delta R.T. -0.005 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

DCGM5

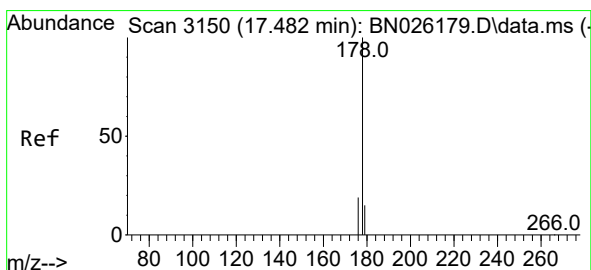
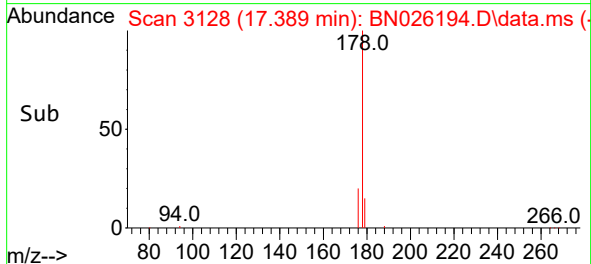
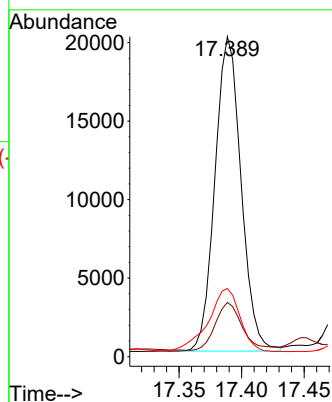
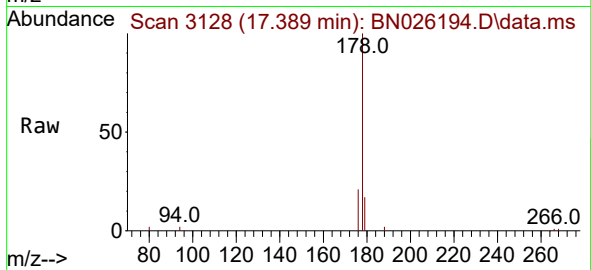
Tgt Ion:178 Resp: 29084

Ion Ratio Lower Upper

178 100

179 16.9 12.6 19.0

176 21.3 15.8 23.6



#16

Anthracene

Concen: 0.057 ng/ul

RT: 17.482 min Scan# 3150

Delta R.T. -0.005 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

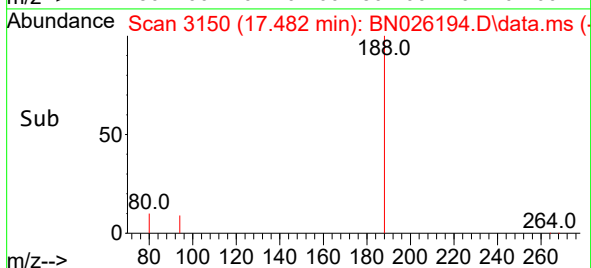
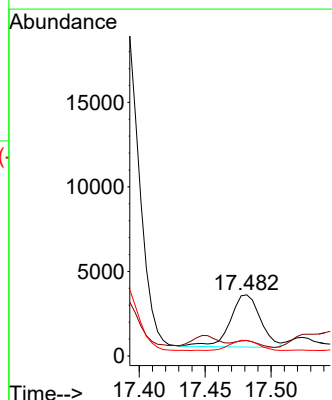
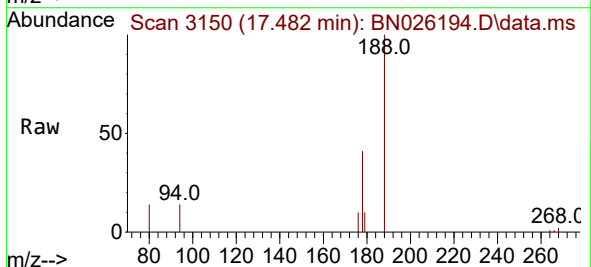
Tgt Ion:178 Resp: 4888

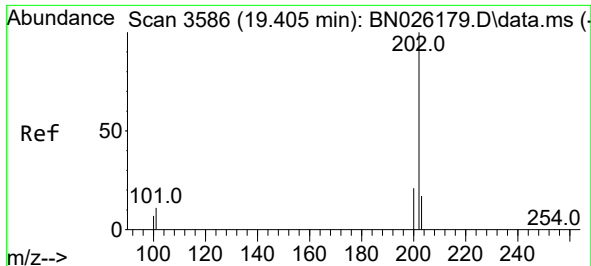
Ion Ratio Lower Upper

178 100

179 25.2 12.6 18.8#

176 25.5 15.1 22.7#

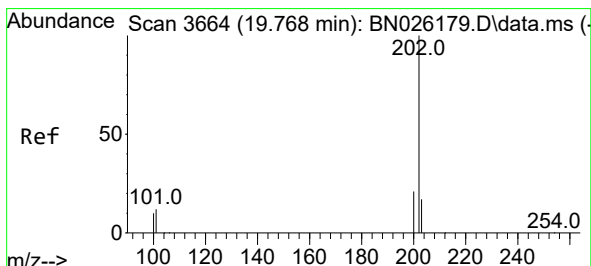
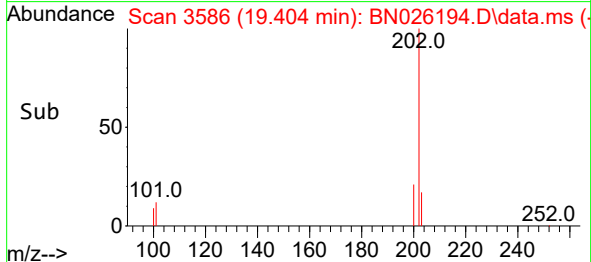
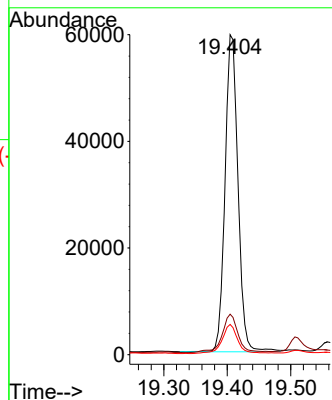
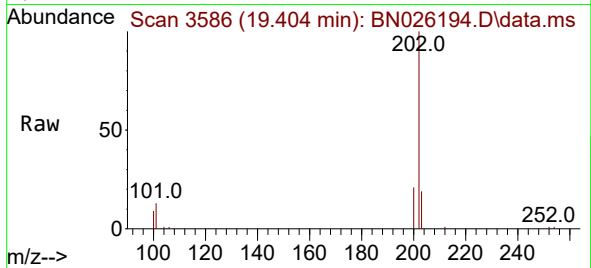




#19
Fluoranthene
Concen: 0.965 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026194.D
Acq: 02 Jul 2023 18:12

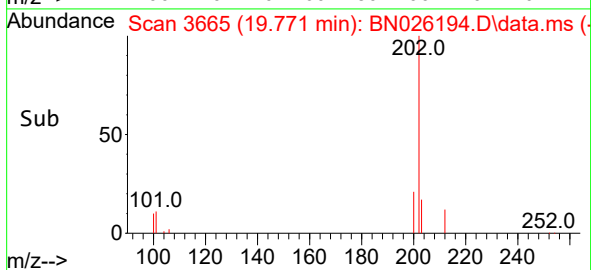
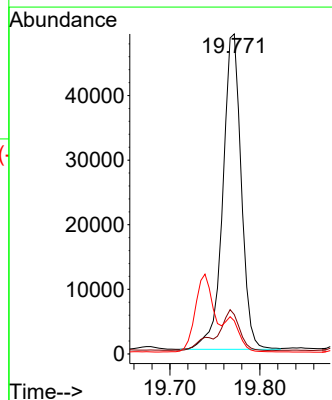
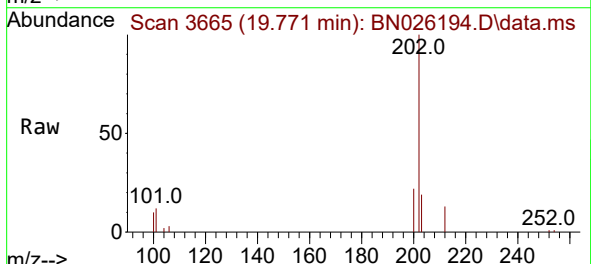
Instrument :
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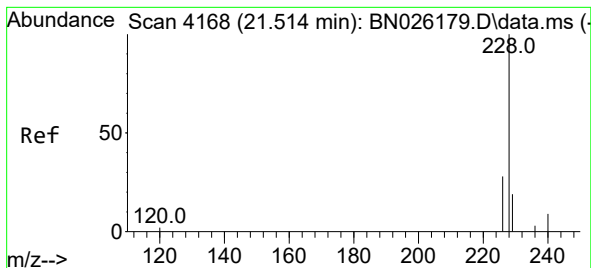
Tgt Ion:202 Resp: 84450
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.760 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.002 min
Lab File: BN026194.D
Acq: 02 Jul 2023 18:12

Tgt Ion:202 Resp: 69204
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.3 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.500 ng/ul

RT: 21.516 min Scan# 4168

Delta R.T. -0.010 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

DCGM5

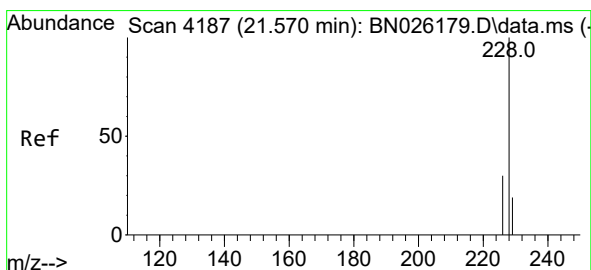
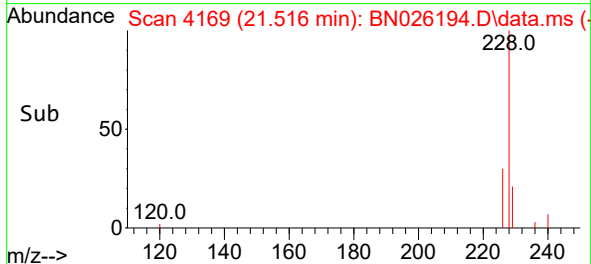
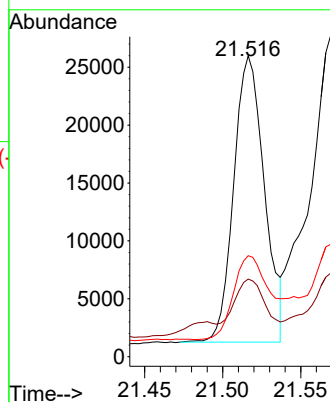
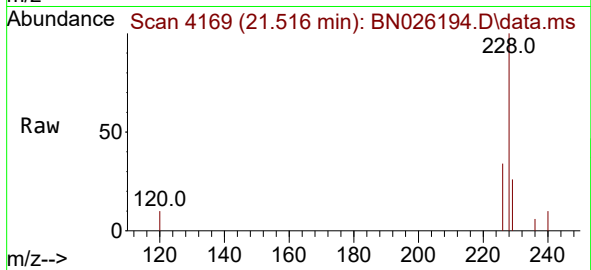
Tgt Ion:228 Resp: 33775

Ion Ratio Lower Upper

228 100

229 25.8 15.8 23.6#

226 33.6 22.5 33.7



#22

Chrysene

Concen: 0.668 ng/ul

RT: 21.572 min Scan# 4188

Delta R.T. -0.007 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

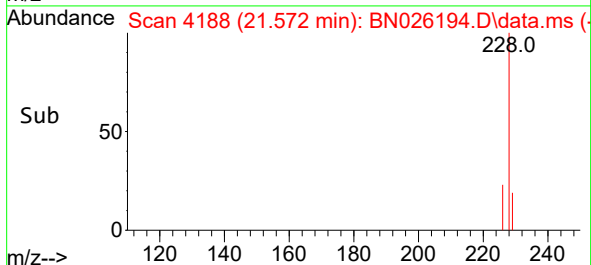
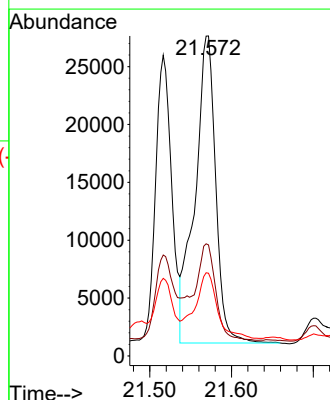
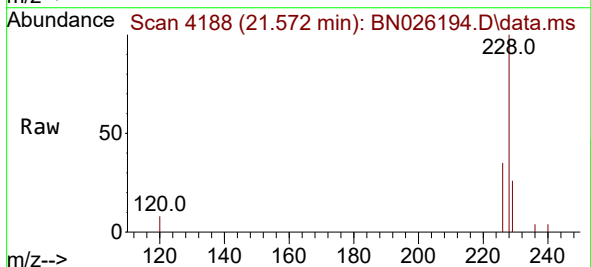
Tgt Ion:228 Resp: 46970

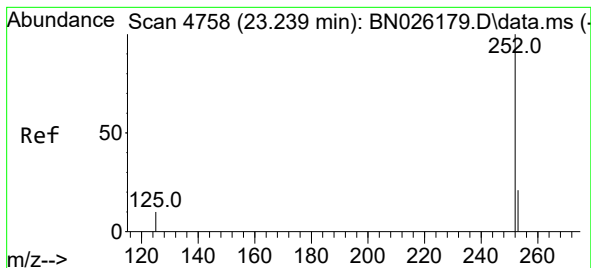
Ion Ratio Lower Upper

228 100

226 34.7 24.8 37.2

229 25.9 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 1.249 ng/ul

RT: 23.247 min Scan# 4758

Delta R.T. 0.004 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

DCGM5

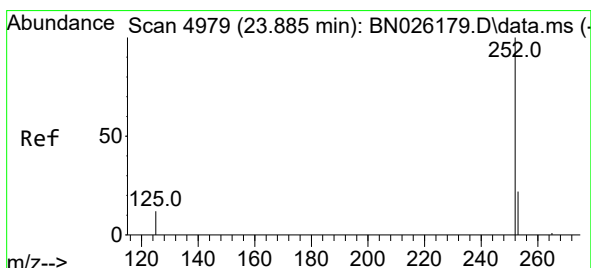
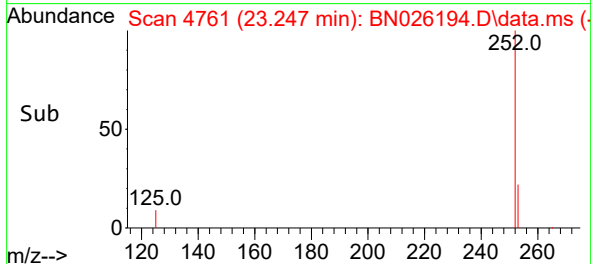
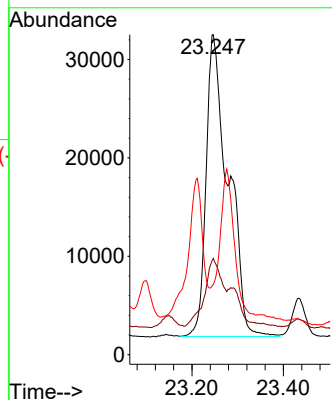
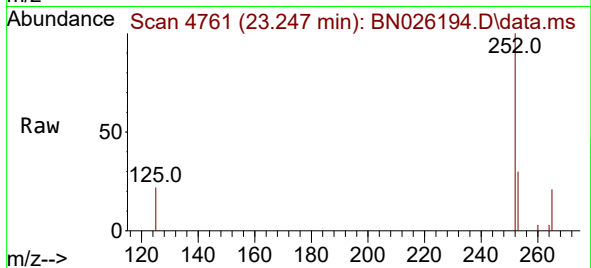
Tgt Ion:252 Resp: 102749

Ion Ratio Lower Upper

252 100

253 30.1 0.0 55.6

125 22.0 0.0 35.8



#26

Benzo(a)pyrene

Concen: 0.620 ng/ul

RT: 23.890 min Scan# 4981

Delta R.T. 0.004 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

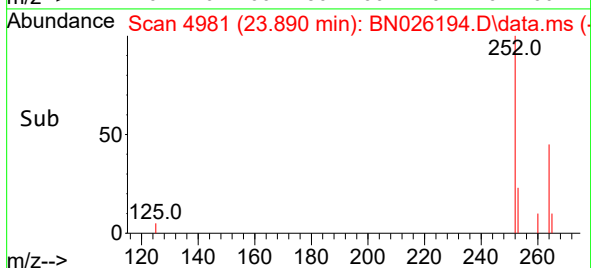
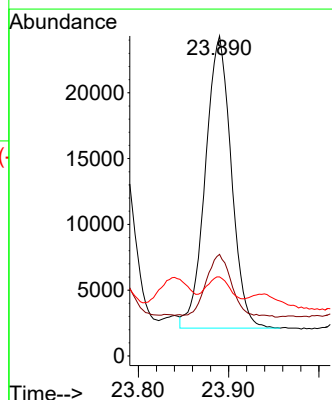
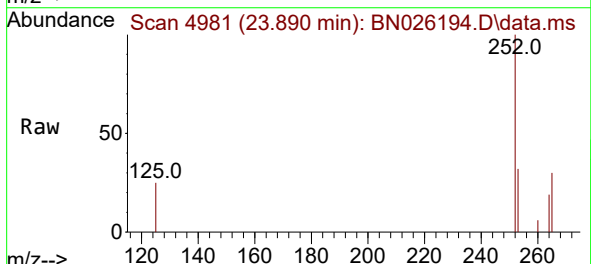
Tgt Ion:252 Resp: 44307

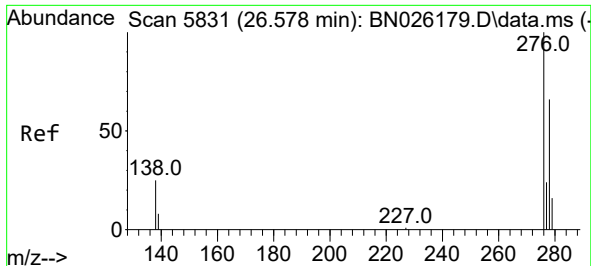
Ion Ratio Lower Upper

252 100

253 31.8 26.0 39.0

125 24.7 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.521 ng/ul

RT: 26.570 min Scan# 5829

Delta R.T. 0.012 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

Instrument :

BNA_N

ClientSampleId :

DCGM5

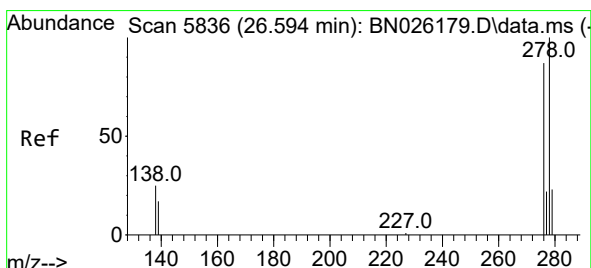
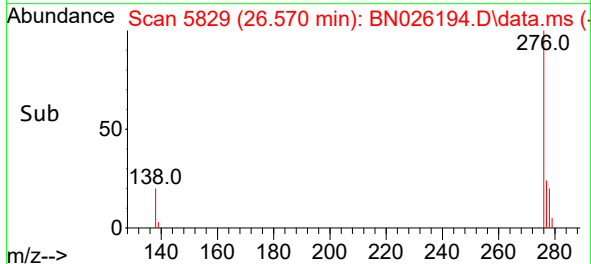
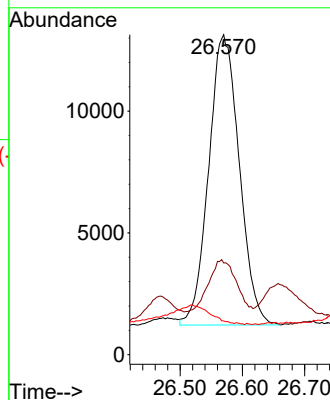
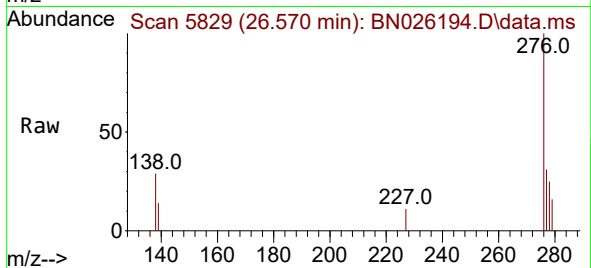
Tgt Ion:276 Resp: 40633

Ion Ratio Lower Upper

276 100

138 20.2 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.156 ng/ul

RT: 26.580 min Scan# 5832

Delta R.T. 0.002 min

Lab File: BN026194.D

Acq: 02 Jul 2023 18:12

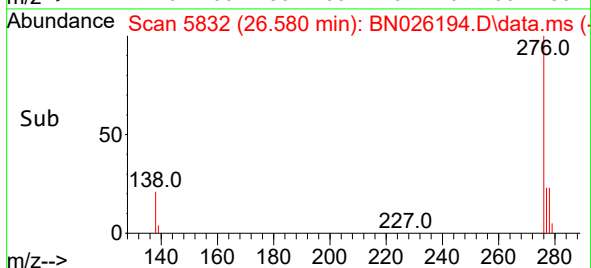
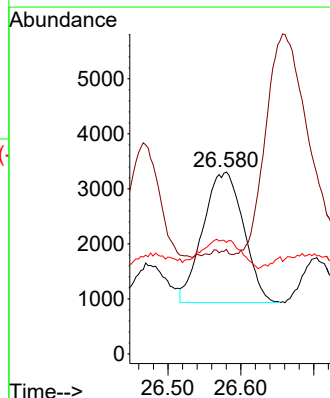
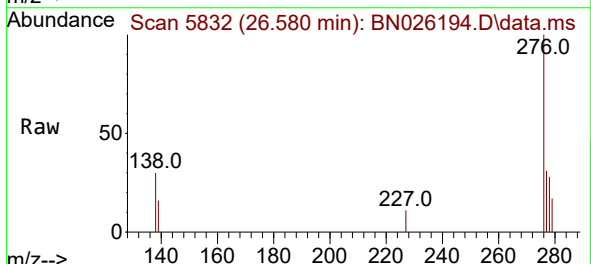
Tgt Ion:278 Resp: 9191

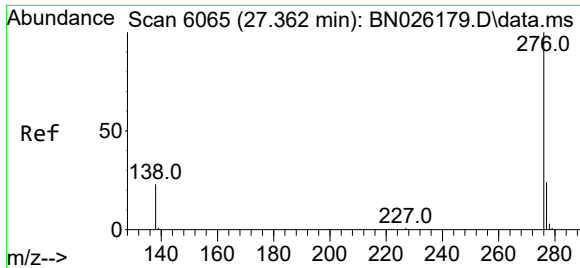
Ion Ratio Lower Upper

278 100

139 57.5 19.0 28.4#

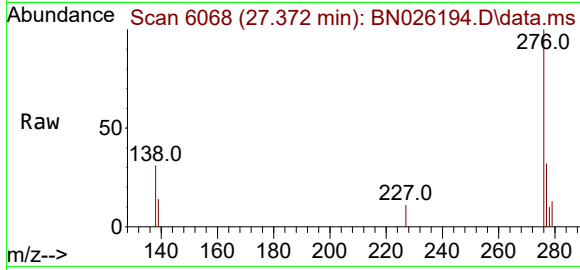
279 61.4 26.7 40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.587 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. 0.025 min
Lab File: BN026194.D
Acq: 02 Jul 2023 18:12

Instrument :
BNA_N
ClientSampleId :
DCGM5



Tgt Ion:276 Resp: 40710
Ion Ratio Lower Upper
276 100
138 31.0 23.4 35.0
277 31.9 20.0 30.0#

