

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026207.D
 Acq On : 03 Jul 2023 02:46
 Operator : MA/JU
 Sample : 03244-13
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF2

Quant Time: Jul 03 06:29:11 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)

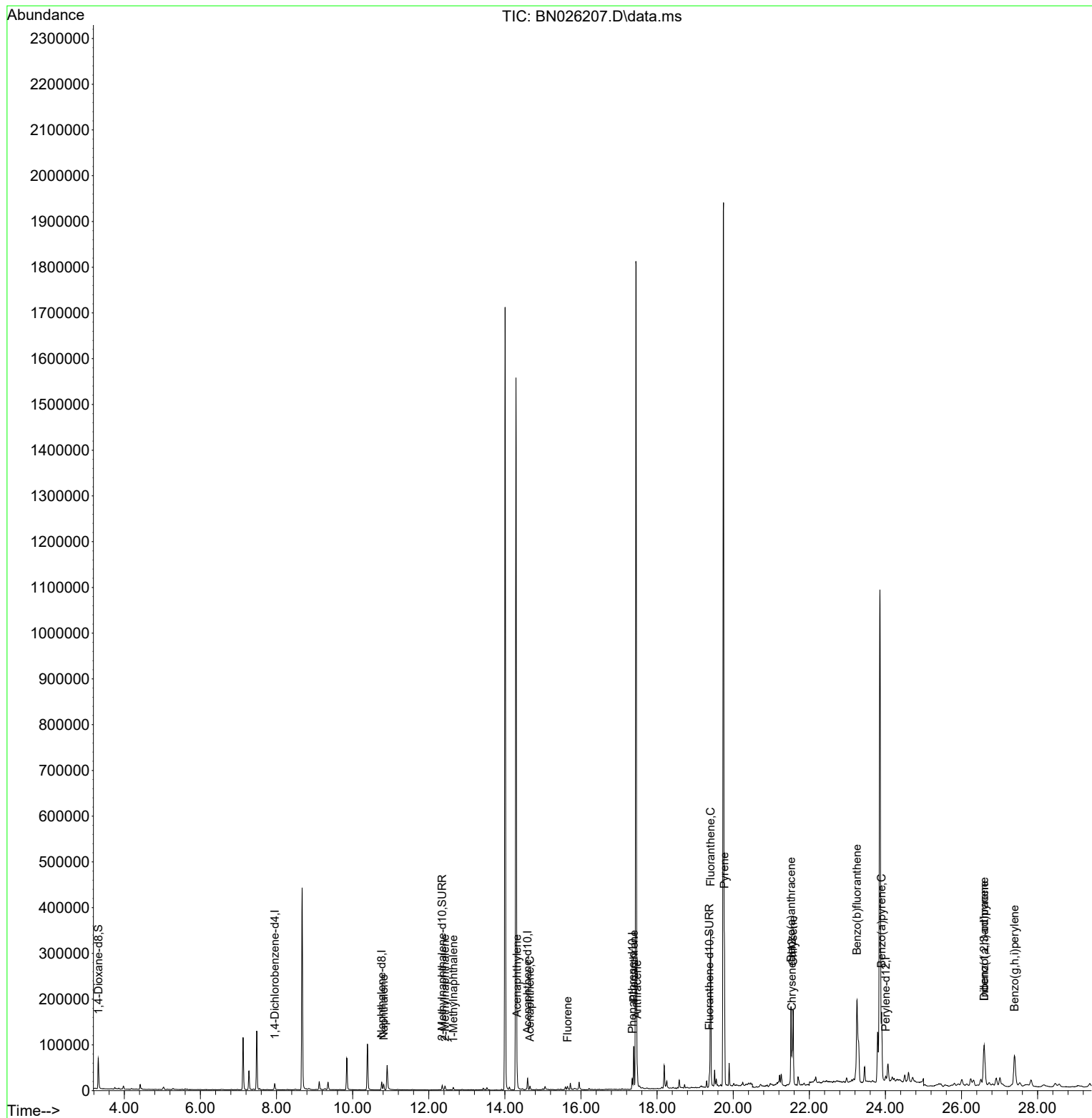
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7405	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	23080	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14101	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	27847	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	14385	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	16051	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	45947	5.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	13954	0.393	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	25583	0.467	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	16485	0.249	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	6423	0.152	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3887	0.089	ng/ul	100
10) Acenaphthylene	14.320	152	29470	0.446	ng/ul	99
11) Acenaphthene	14.658	153	4573	0.085	ng/ul	97
12) Fluorene	15.648	166	4434	0.072	ng/ul#	98
15) Phenanthrene	17.389	178	100303	1.090	ng/ul	100
16) Anthracene	17.478	178	39969	0.489	ng/ul	98
19) Fluoranthene	19.405	202	275382	3.584	ng/ul	96
20) Pyrene	19.768	202	249163	3.118	ng/ul	97
21) Benzo(a)anthracene	21.520	228	142735	2.405	ng/ul#	94
22) Chrysene	21.573	228	181183	2.934	ng/ul#	94
24) Benzo(b)fluoranthene	23.253	252	429913	6.275	ng/ul	92
26) Benzo(a)pyrene	23.899	252	200365	3.367	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.594	276	167772	2.581	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.594	278	41502	0.844	ng/ul#	90
29) Benzo(g,h,i)perylene	27.389	276	163165	2.822	ng/ul	95

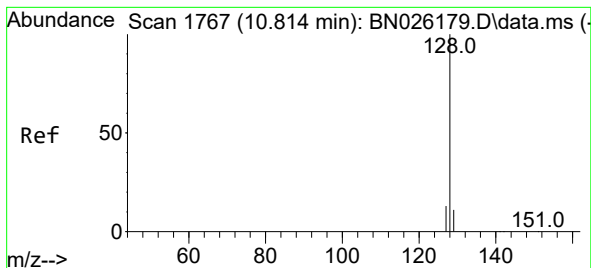
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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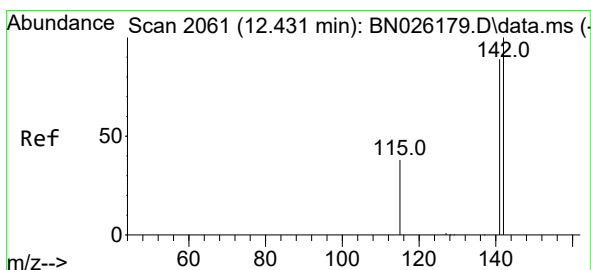
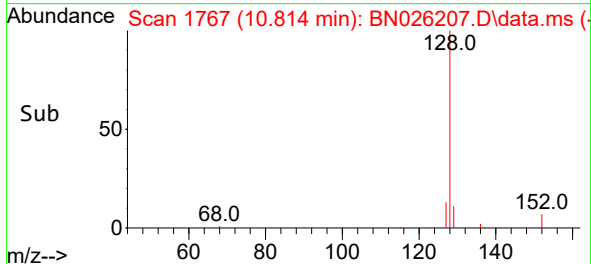
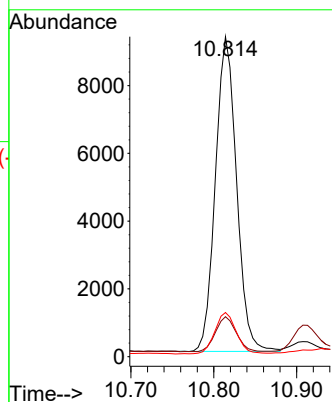
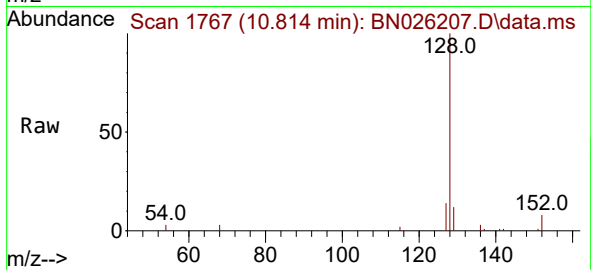




#5
Naphthalene
Concen: 0.249 ng/ul
RT: 10.814 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

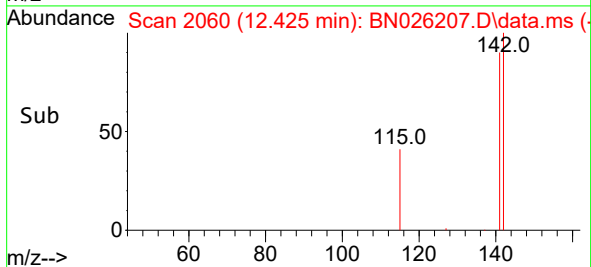
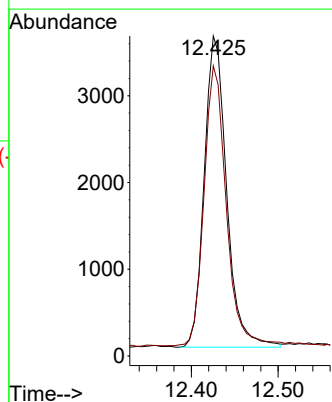
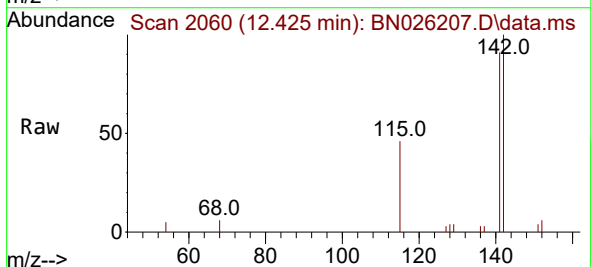
Instrument :
BNA_N
ClientSampleId :
DCGF2

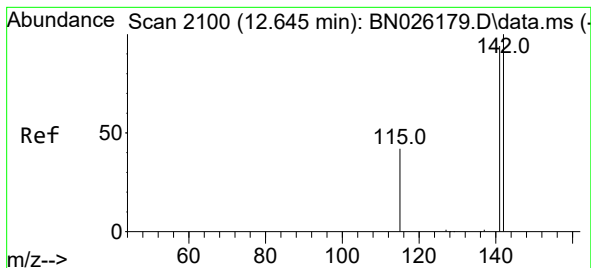
Tgt Ion:128 Resp: 16485
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 13.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:142 Resp: 6423
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9

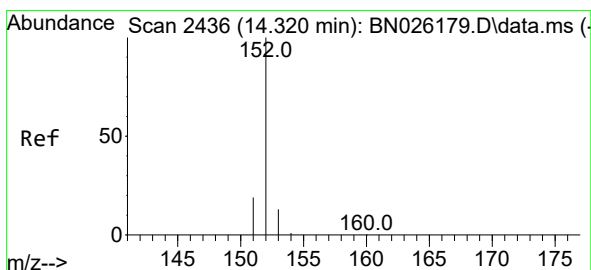
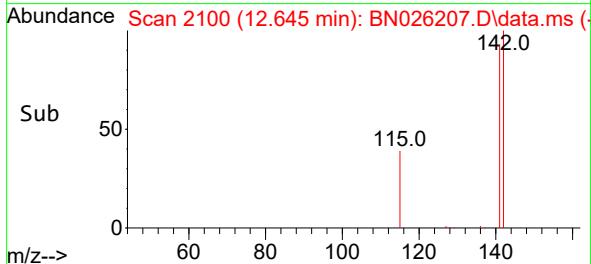
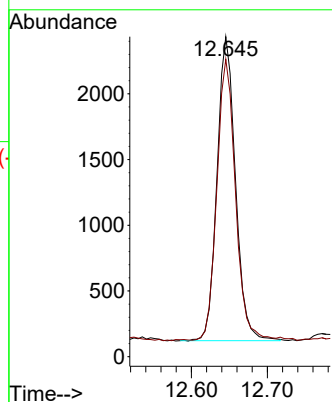
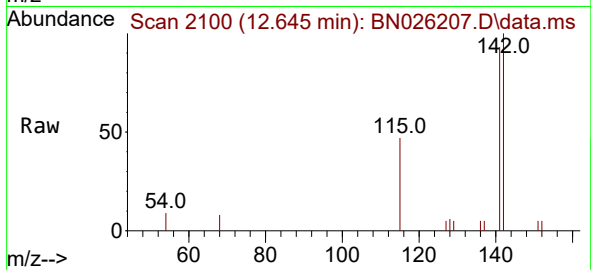




#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

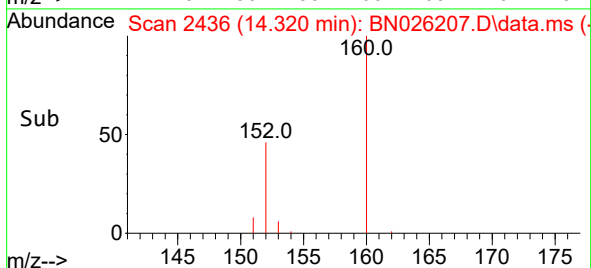
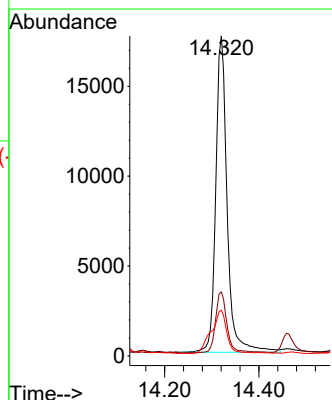
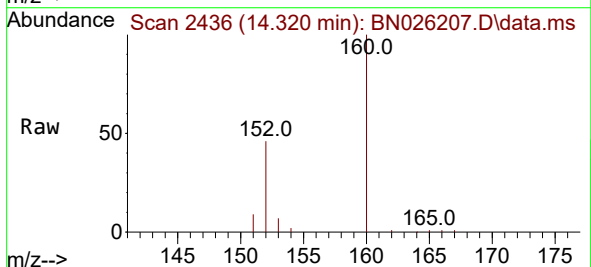
Instrument :
BNA_N
ClientSampleId :
DCGF2

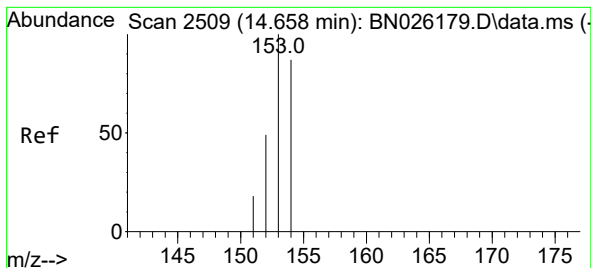
Tgt Ion:142 Resp: 3887
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:152 Resp: 29470
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 14.3 10.9 16.3





#11

Acenaphthene

Concen: 0.085 ng/ul

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGF2

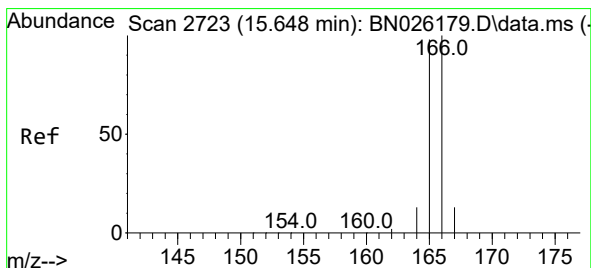
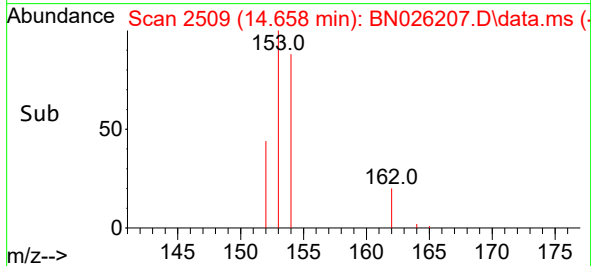
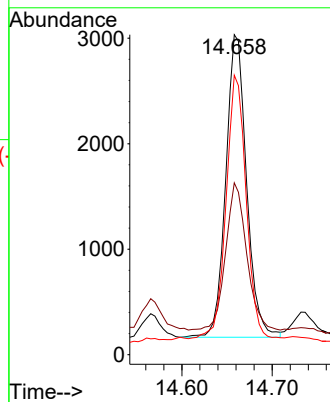
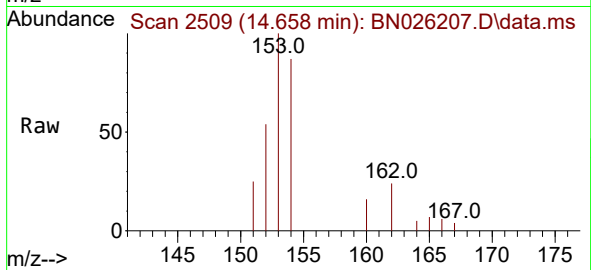
Tgt Ion:153 Resp: 4573

Ion Ratio Lower Upper

153 100

152 53.7 39.4 59.0

154 87.3 68.9 103.3



#12

Fluorene

Concen: 0.072 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.005 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

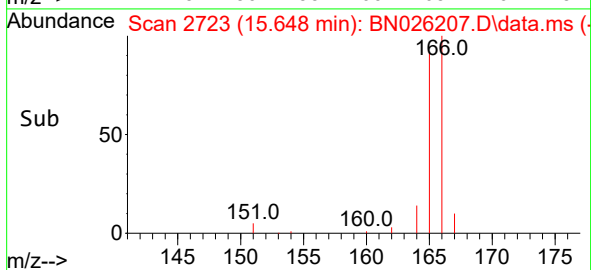
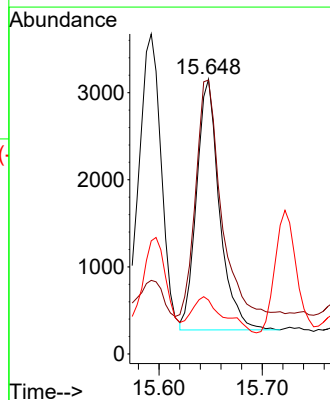
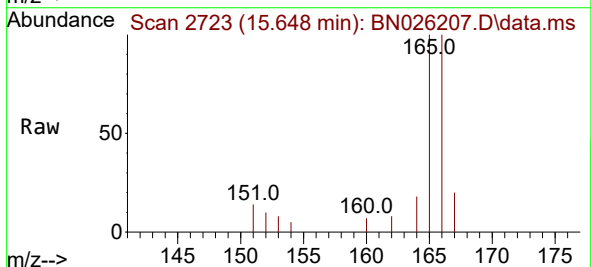
Tgt Ion:166 Resp: 4434

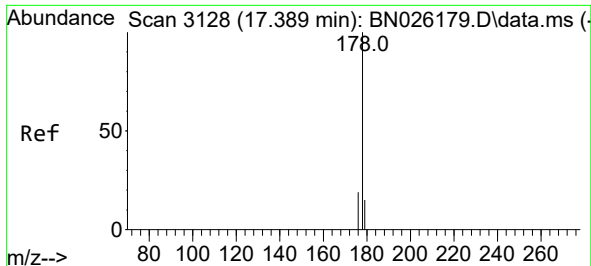
Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

167 19.6 10.8 16.2#

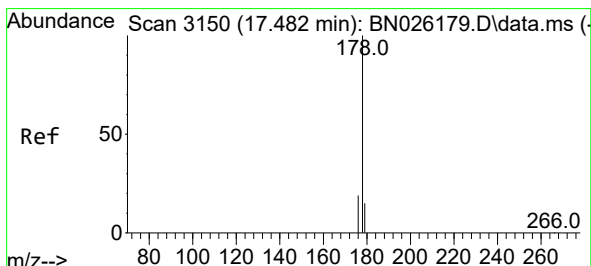
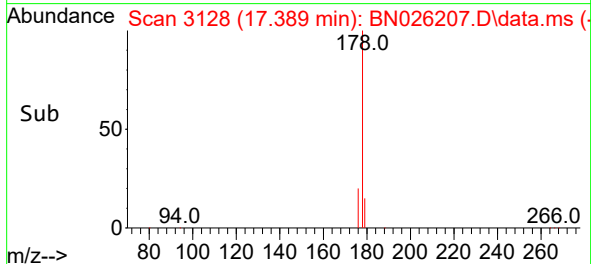
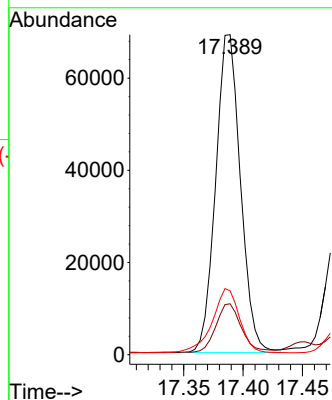
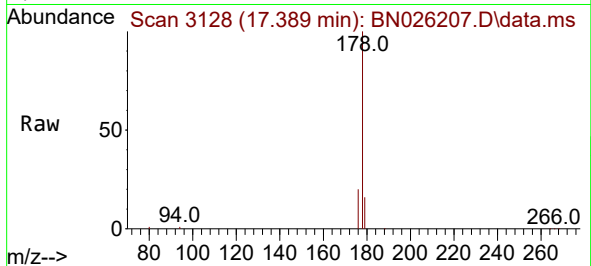




#15
Phenanthrene
Concen: 1.090 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

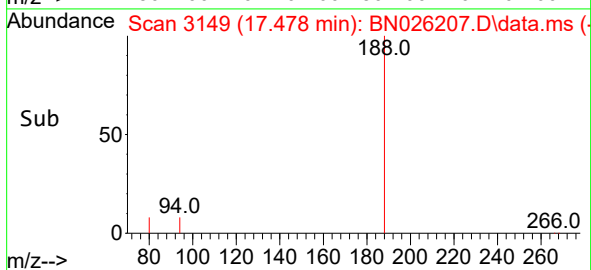
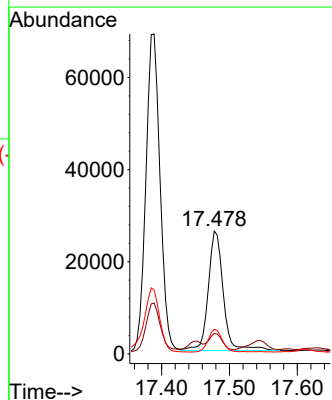
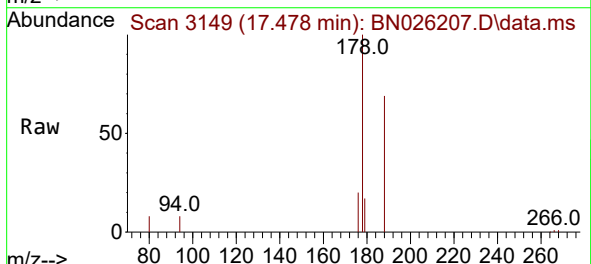
Instrument :
BNA_N
ClientSampleId :
DCGF2

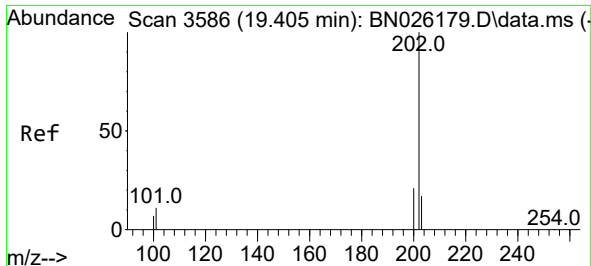
Tgt Ion:178 Resp: 100303
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.489 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:178 Resp: 39969
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 20.0 15.1 22.7

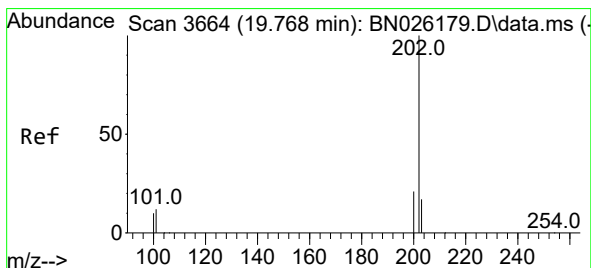
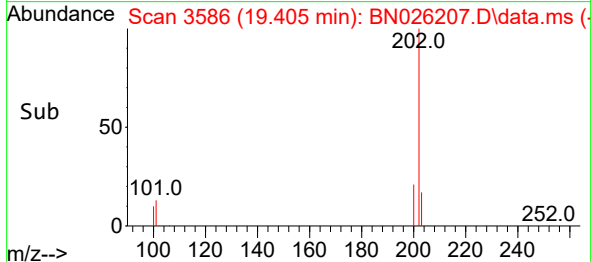
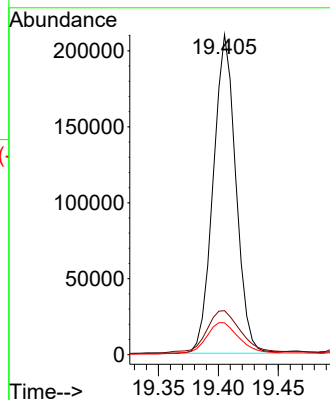
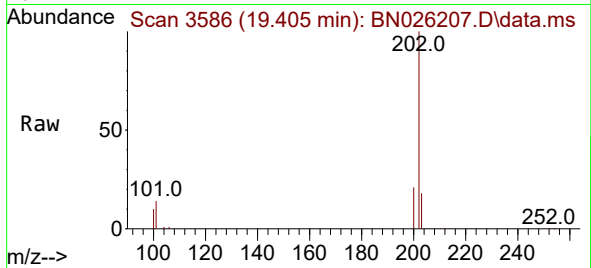




#19
Fluoranthene
Concen: 3.584 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

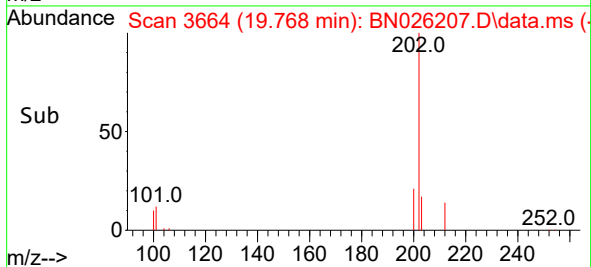
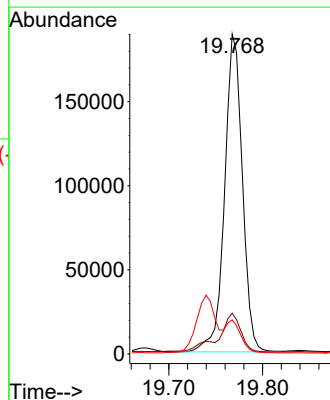
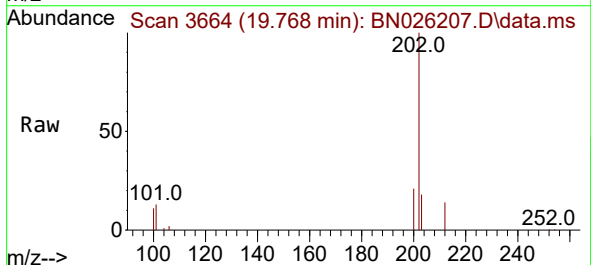
Instrument :
BNA_N
ClientSampleId :
DCGF2

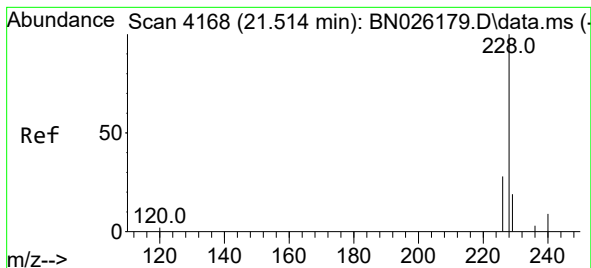
Tgt Ion:202 Resp: 275382
Ion Ratio Lower Upper
202 100
101 13.8 9.5 14.3
100 9.9 7.3 10.9



#20
Pyrene
Concen: 3.118 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026207.D
Acq: 03 Jul 2023 02:46

Tgt Ion:202 Resp: 249163
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.7 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.405 ng/ul

RT: 21.520 min Scan# 4168

Delta R.T. -0.007 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGF2

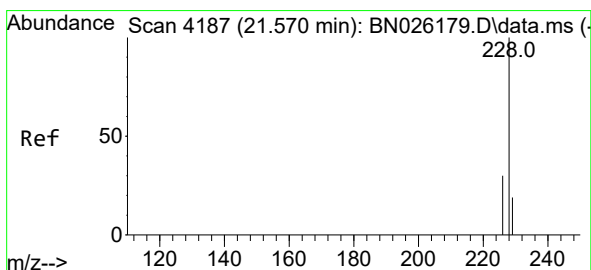
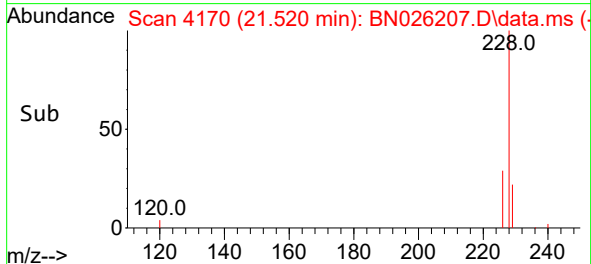
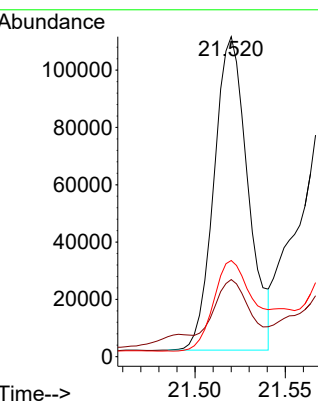
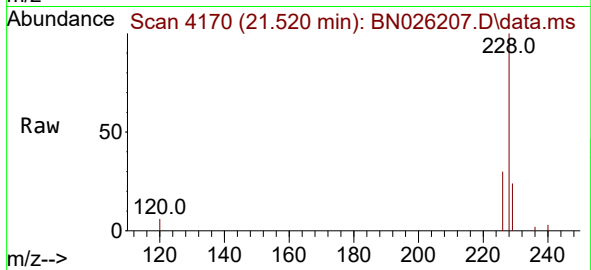
Tgt Ion:228 Resp: 142735

Ion Ratio Lower Upper

228 100

229 24.1 15.8 23.6#

226 30.1 22.5 33.7



#22

Chrysene

Concen: 2.934 ng/ul

RT: 21.573 min Scan# 4188

Delta R.T. -0.007 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

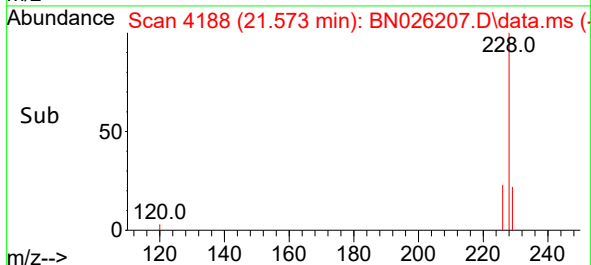
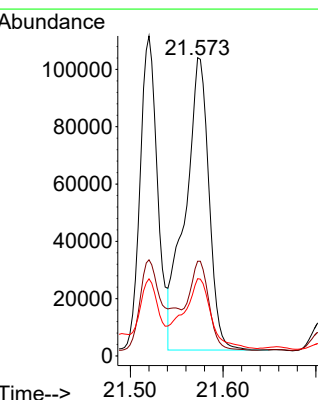
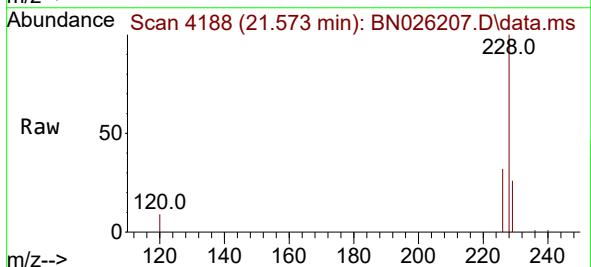
Tgt Ion:228 Resp: 181183

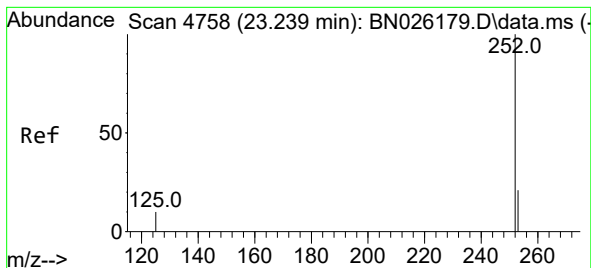
Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

229 25.9 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 6.275 ng/ul

RT: 23.253 min Scan# 41

Delta R.T. 0.011 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

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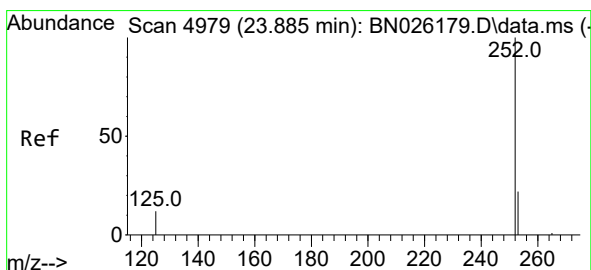
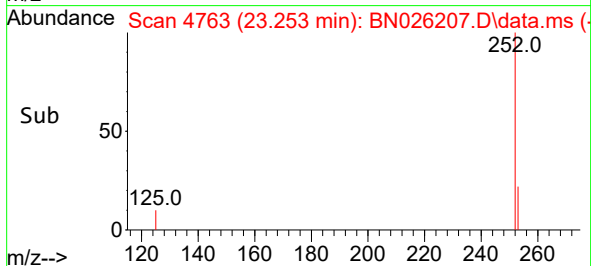
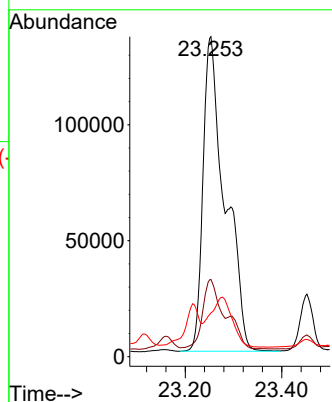
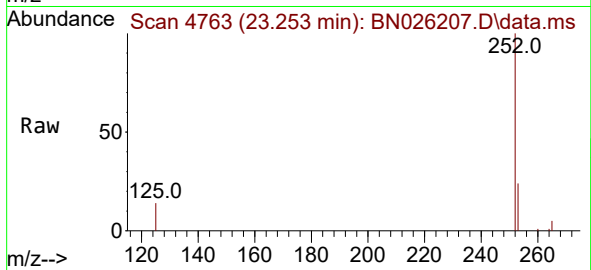
Tgt Ion:252 Resp: 429913

Ion Ratio Lower Upper

252 100

253 24.2 0.0 55.6

125 13.7 0.0 35.8



#26

Benzo(a)pyrene

Concen: 3.367 ng/ul

RT: 23.899 min Scan# 4984

Delta R.T. 0.014 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

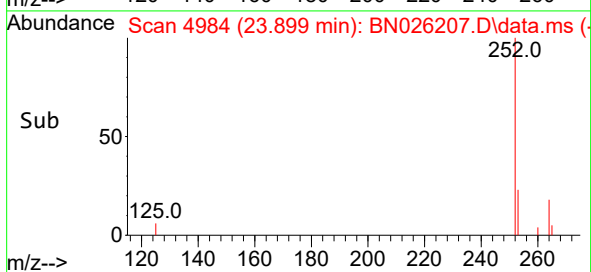
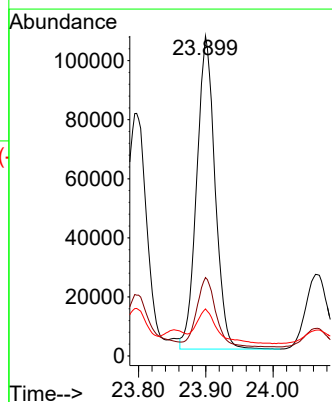
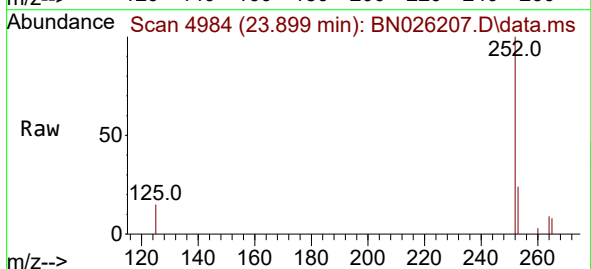
Tgt Ion:252 Resp: 200365

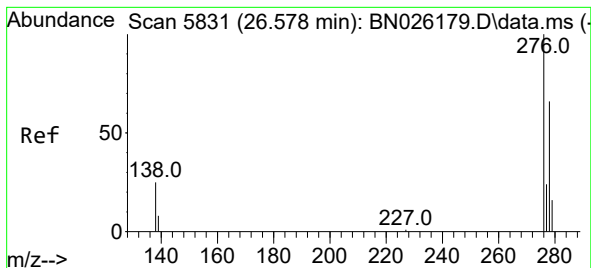
Ion Ratio Lower Upper

252 100

253 24.5 26.0 39.0#

125 14.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.581 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. 0.036 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGF2

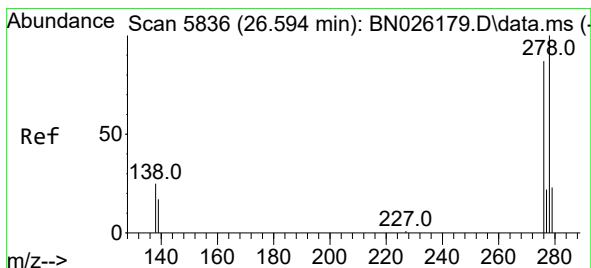
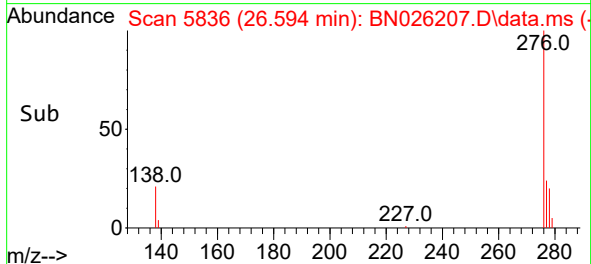
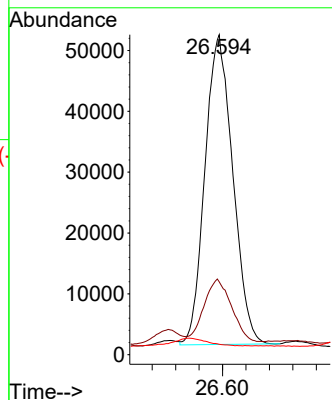
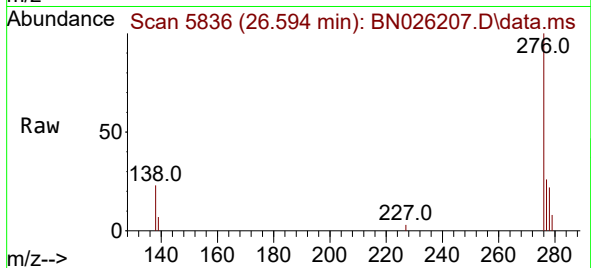
Tgt Ion:276 Resp: 167772

Ion Ratio Lower Upper

276 100

138 22.1 24.5 36.7#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.844 ng/ul

RT: 26.594 min Scan# 5836

Delta R.T. 0.016 min

Lab File: BN026207.D

Acq: 03 Jul 2023 02:46

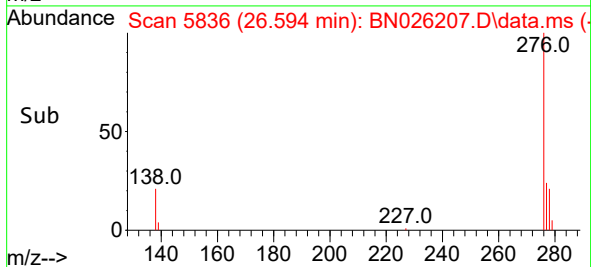
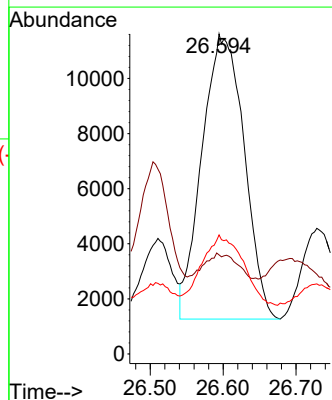
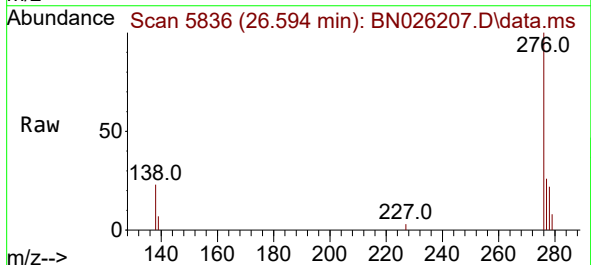
Tgt Ion:278 Resp: 41502

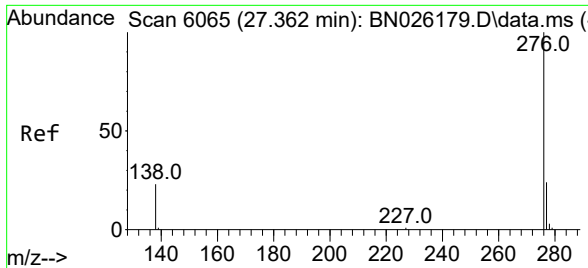
Ion Ratio Lower Upper

278 100

139 31.0 19.0 28.4#

279 37.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.822 ng/ul
 RT: 27.389 min Scan# 6073
 Delta R.T. 0.043 min
 Lab File: BN026207.D
 Acq: 03 Jul 2023 02:46

Instrument :
 BNA_N
 ClientSampleId :
 DCGF2

Tgt Ion:	276	Resp:	163165
Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.4	35.0
277	25.8	20.0	30.0

