

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026243.D
 Acq On : 04 Jul 2023 02:09
 Operator : MA/JU
 Sample : 03247-17
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM3

Quant Time: Jul 04 03:56:52 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

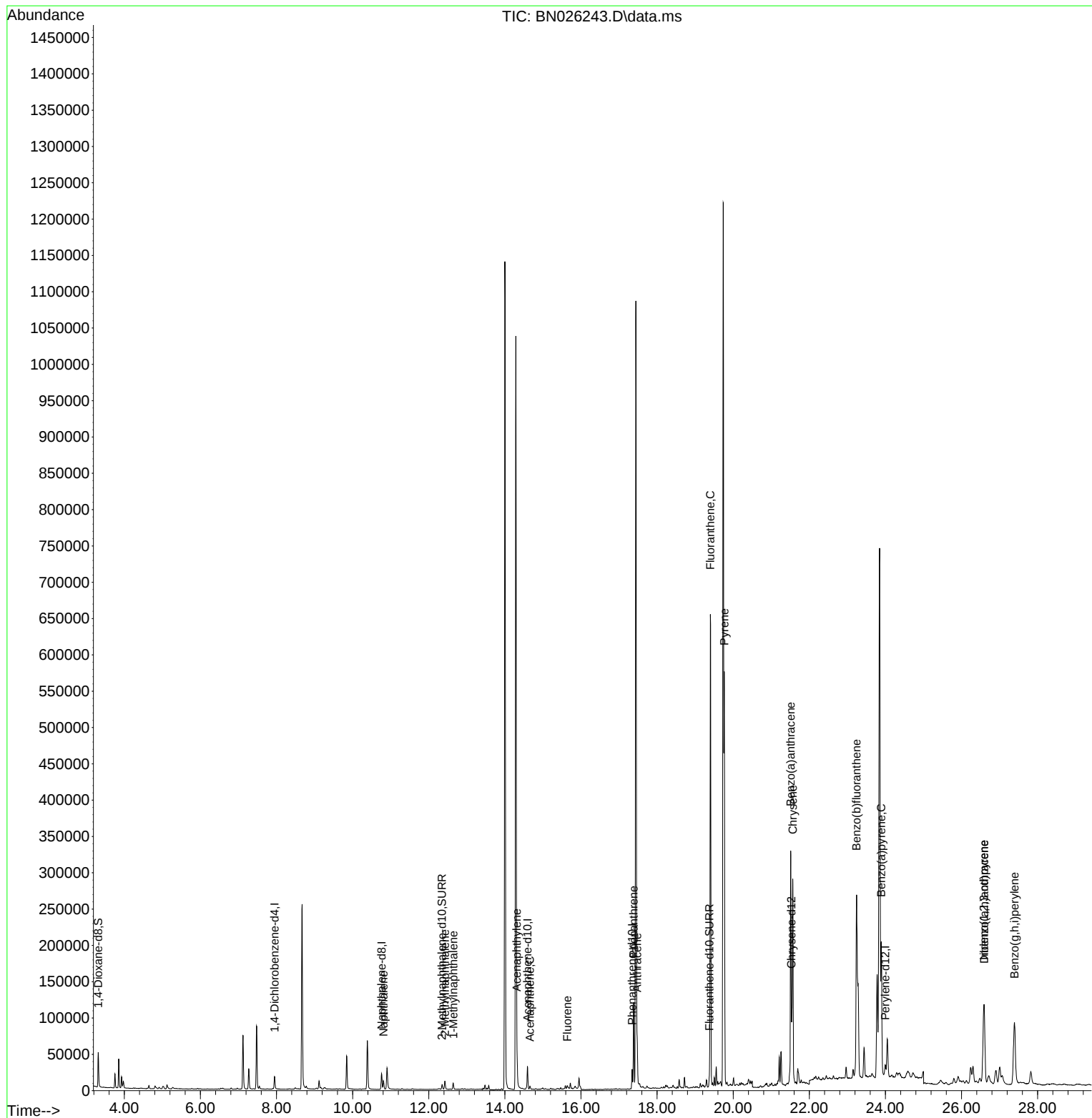
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	9921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	17564	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	32281	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	20194	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	22120	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	31333	2.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	9358	0.199	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	14932	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	16148	0.184	ng/ul	98
7) 2-Methylnaphthalene	12.425	142	9012	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	6603	0.114	ng/ul	99
10) Acenaphthylene	14.316	152	54465	0.662	ng/ul	100
11) Acenaphthene	14.658	153	2688	0.040	ng/ul#	93
12) Fluorene	15.643	166	3469	0.045	ng/ul#	93
15) Phenanthrene	17.385	178	127723	1.198	ng/ul	99
16) Anthracene	17.478	178	67854	0.716	ng/ul	99
19) Fluoranthene	19.401	202	564819	5.237	ng/ul	98
20) Pyrene	19.768	202	456786	4.072	ng/ul#	94
21) Benzo(a)anthracene	21.511	228	272086	3.266	ng/ul	98
22) Chrysene	21.564	228	304369	3.511	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	595863	6.311	ng/ul	90
26) Benzo(a)pyrene	23.891	252	260737	3.180	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.591	276	209837	2.343	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.598	278	53751	0.793	ng/ul	97
29) Benzo(g,h,i)perylene	27.393	276	210010	2.636	ng/ul#	93

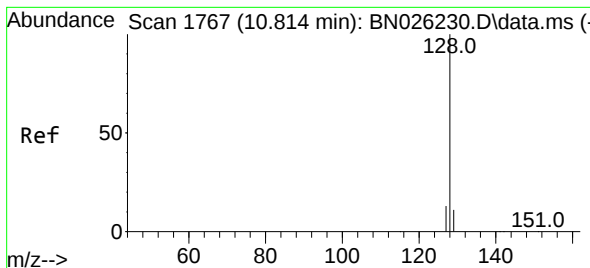
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.184 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN026243.D

Acq: 04 Jul 2023 02:09

Instrument :

BNA_N

ClientSampleId :

DCGM3

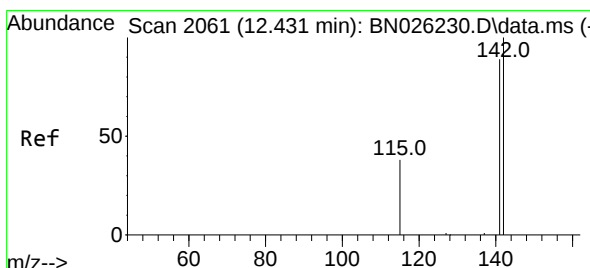
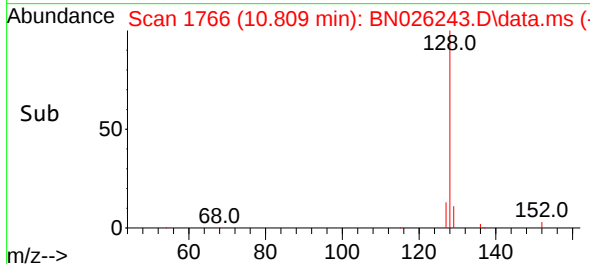
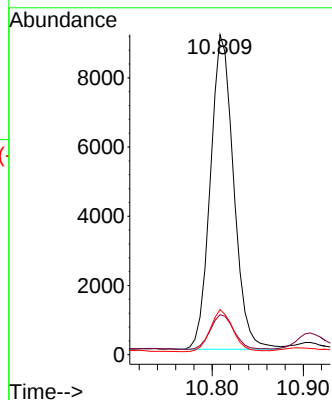
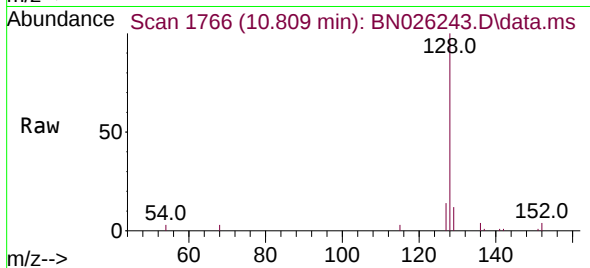
Tgt Ion:128 Resp: 16148

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

127 14.1 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.161 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BN026243.D

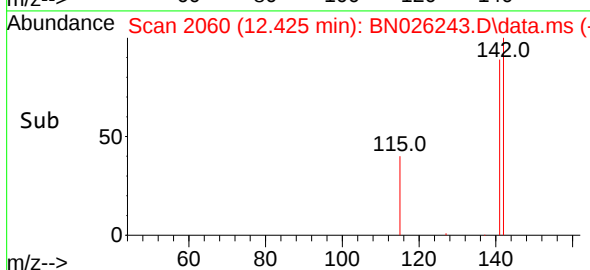
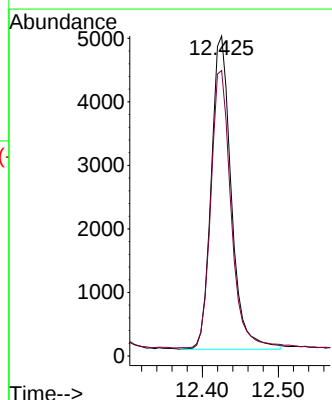
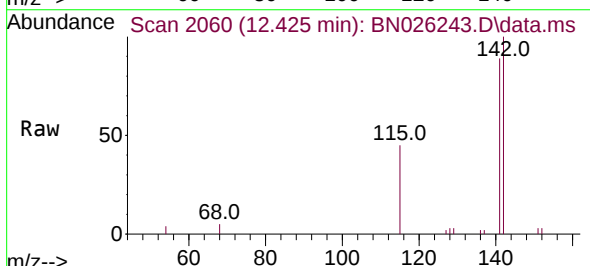
Acq: 04 Jul 2023 02:09

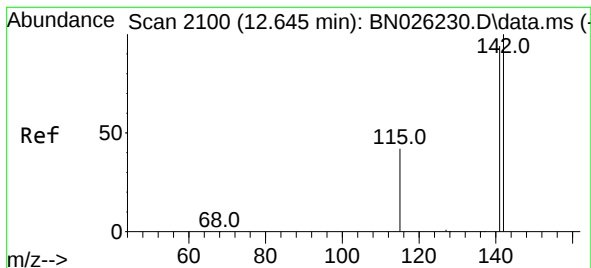
Tgt Ion:142 Resp: 9012

Ion Ratio Lower Upper

142 100

141 89.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.114 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.000 min

Lab File: BN026243.D

Acq: 04 Jul 2023 02:09

Instrument :

BNA_N

ClientSampleId :

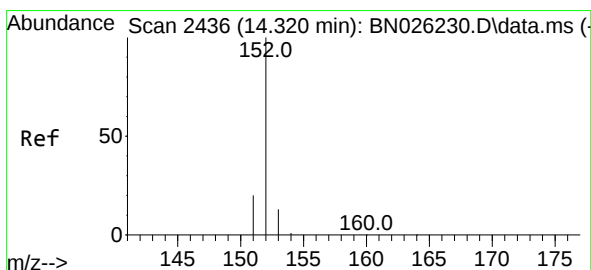
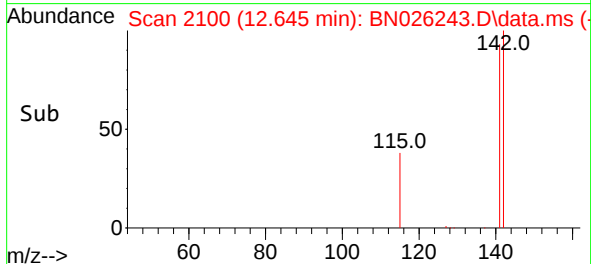
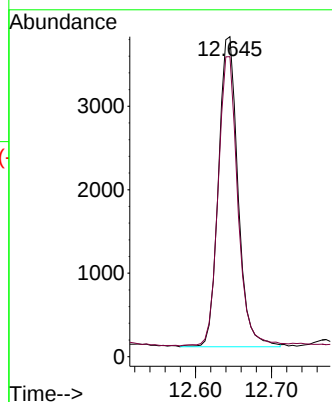
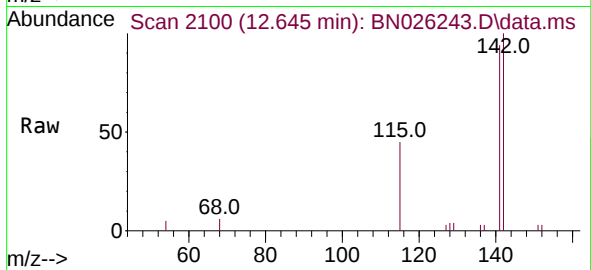
DCGM3

Tgt Ion:142 Resp: 6603

Ion Ratio Lower Upper

142 100

141 94.0 74.2 111.4



#10

Acenaphthylene

Concen: 0.662 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.005 min

Lab File: BN026243.D

Acq: 04 Jul 2023 02:09

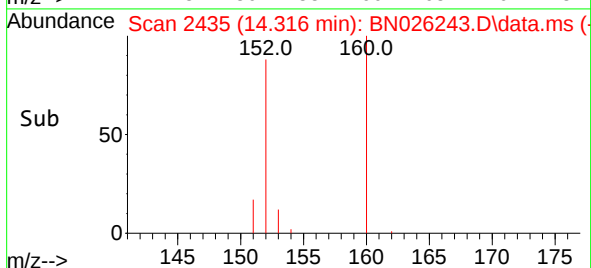
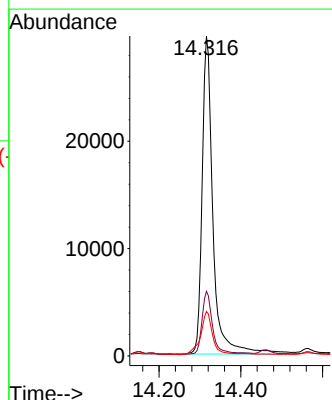
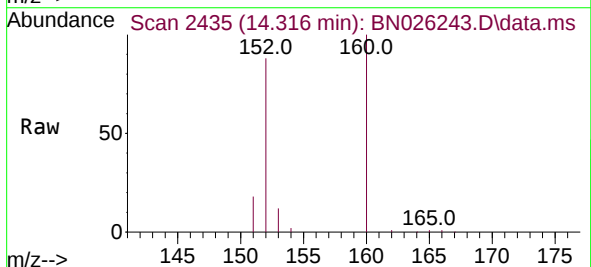
Tgt Ion:152 Resp: 54465

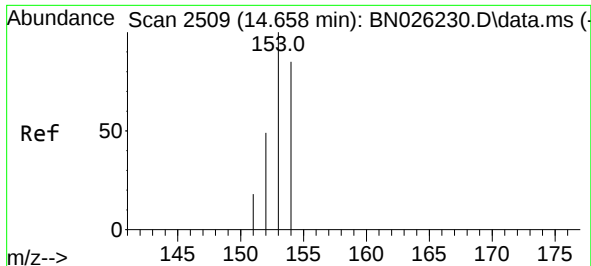
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.9 10.9 16.3

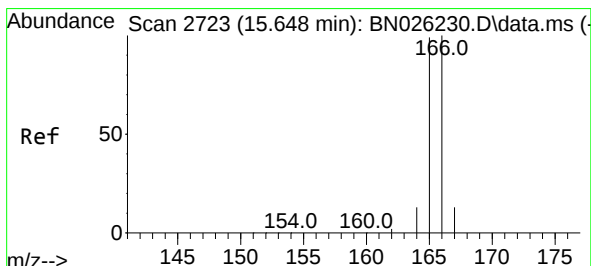
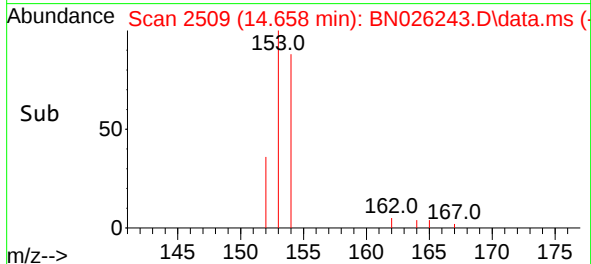
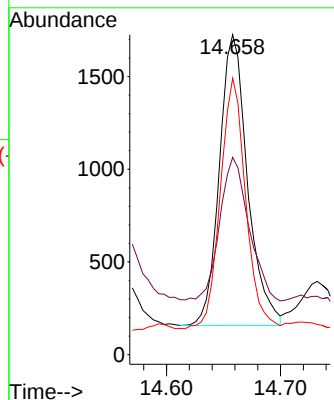
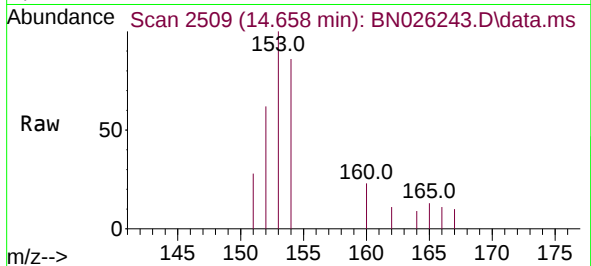




#11
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

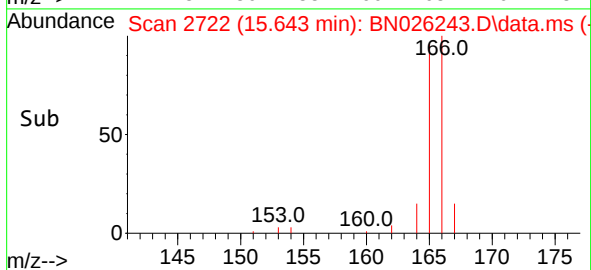
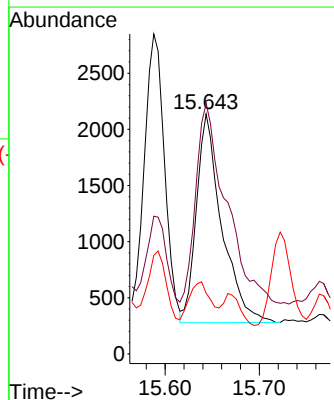
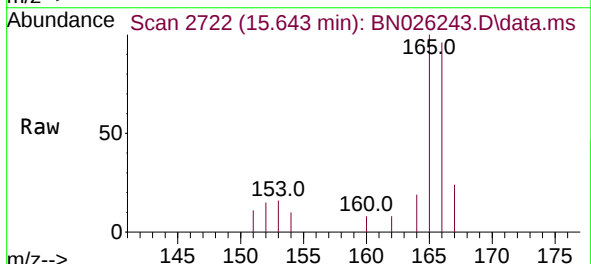
Instrument :
BNA_N
ClientSampleId :
DCGM3

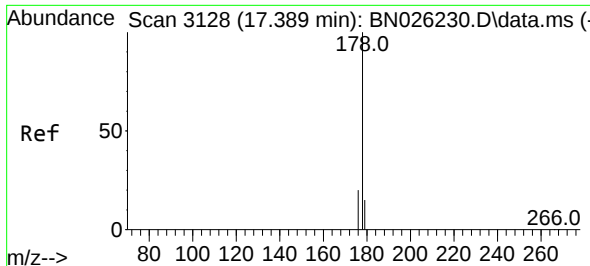
Tgt Ion:153 Resp: 2688
Ion Ratio Lower Upper
153 100
152 61.6 39.4 59.0#
154 86.4 68.9 103.3



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

Tgt Ion:166 Resp: 3469
Ion Ratio Lower Upper
166 100
165 104.4 79.9 119.9
167 25.3 10.8 16.2#

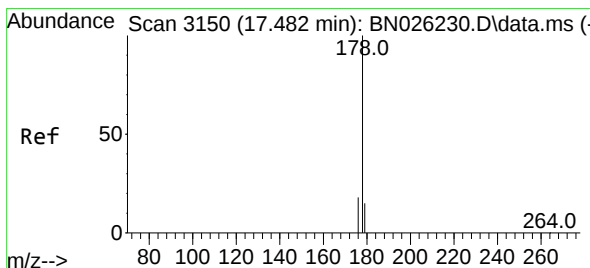
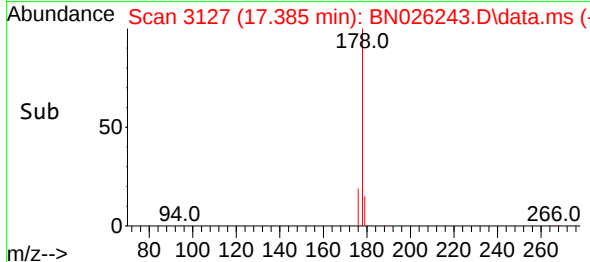
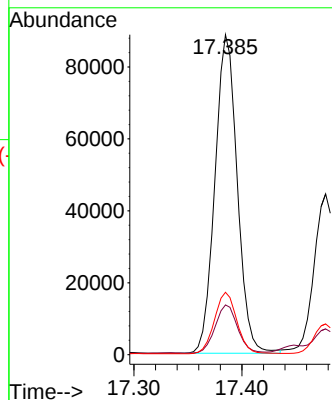
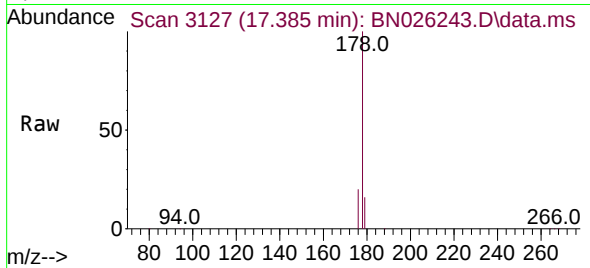




#15
Phenanthrene
Concen: 1.198 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

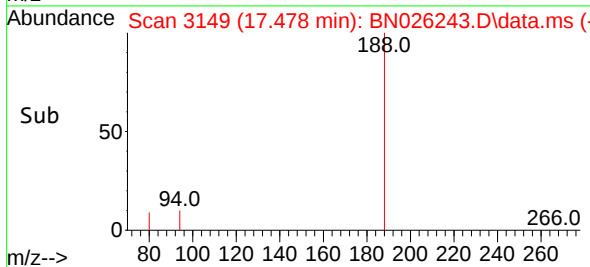
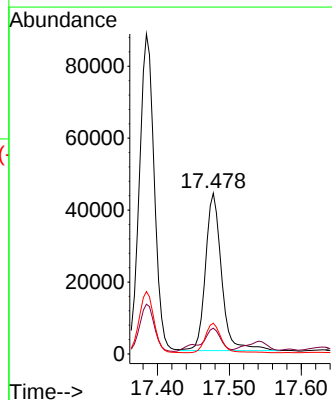
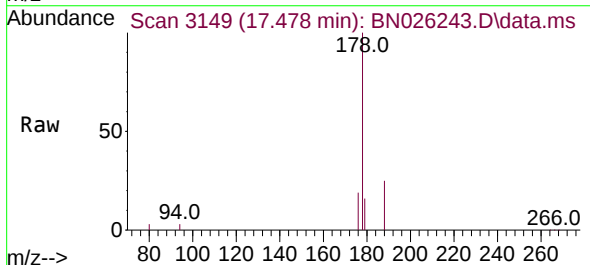
Instrument :
BNA_N
ClientSampleId :
DCGM3

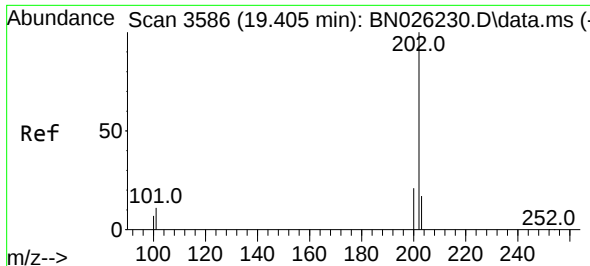
Tgt Ion:178 Resp: 127723
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.8 23.6



#16
Anthracene
Concen: 0.716 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

Tgt Ion:178 Resp: 67854
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.1 15.1 22.7

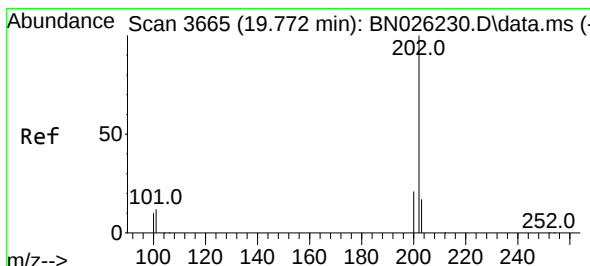
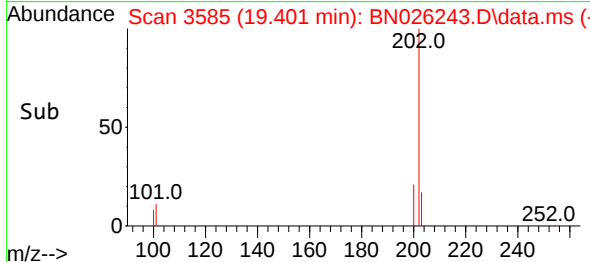
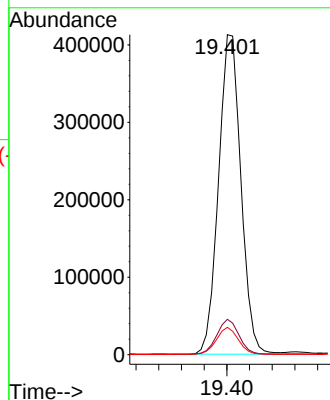
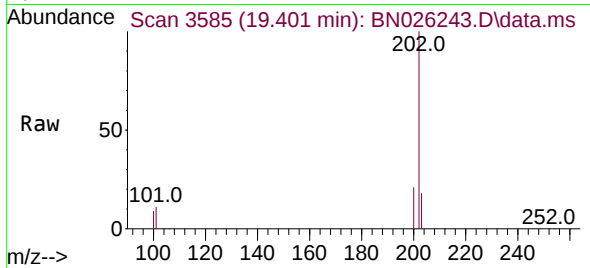




#19
Fluoranthene
Concen: 5.237 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

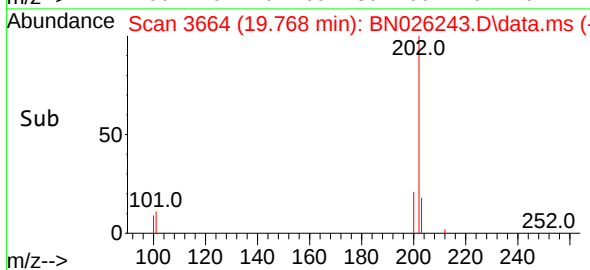
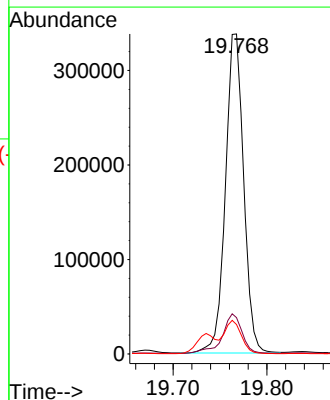
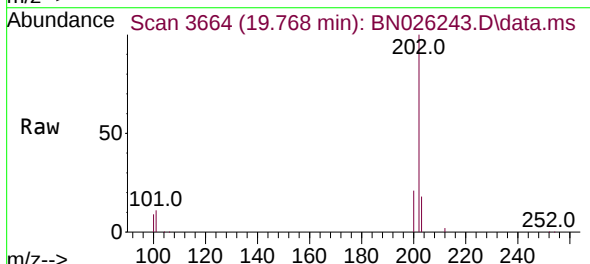
Instrument :
BNA_N
ClientSampleId :
DCGM3

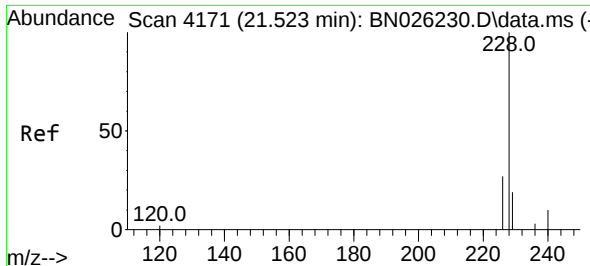
Tgt Ion:202 Resp: 564819
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 4.072 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

Tgt Ion:202 Resp: 456786
Ion Ratio Lower Upper
202 100
101 11.3 11.4 17.0#
100 9.2 9.1 13.7

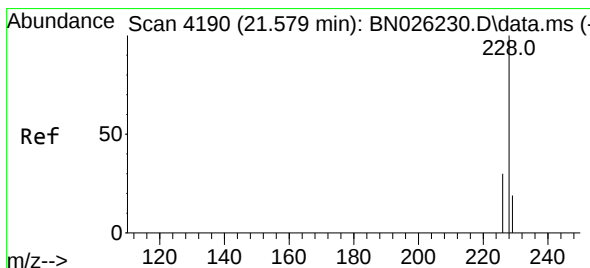
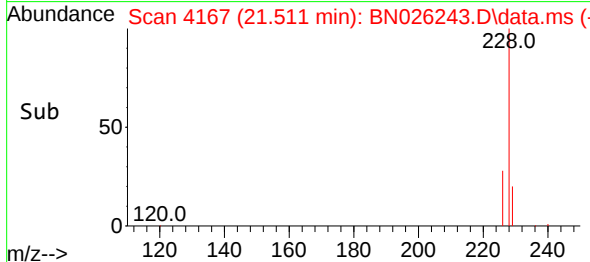
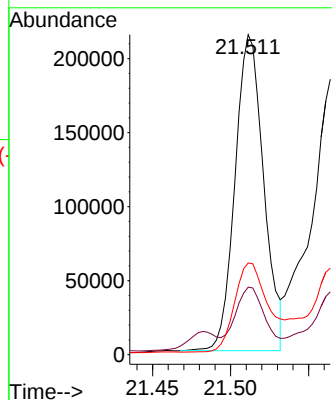
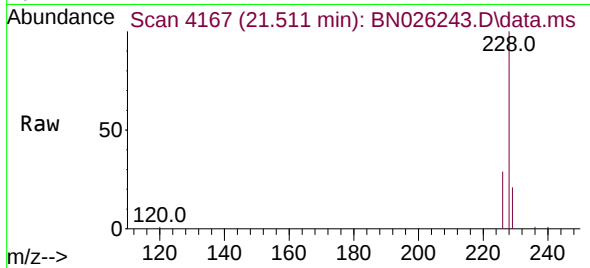




#21
Benzo(a)anthracene
Concen: 3.266 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.012 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

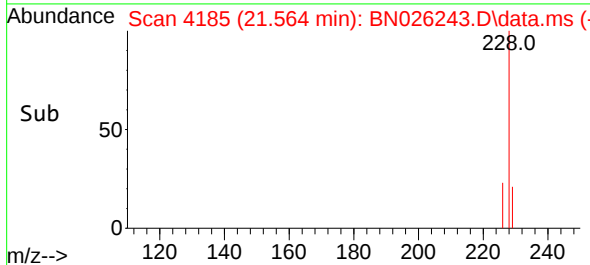
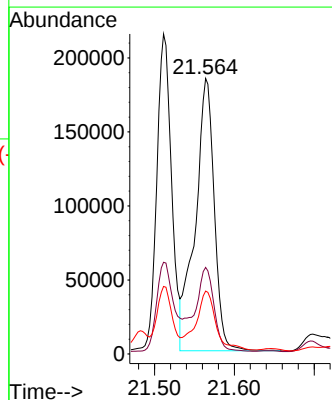
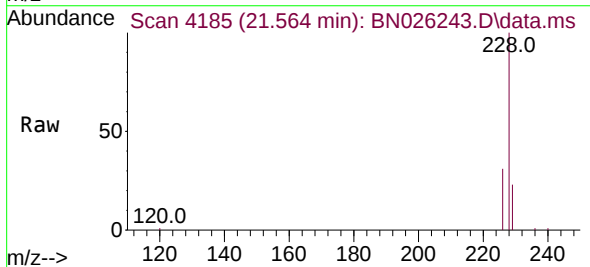
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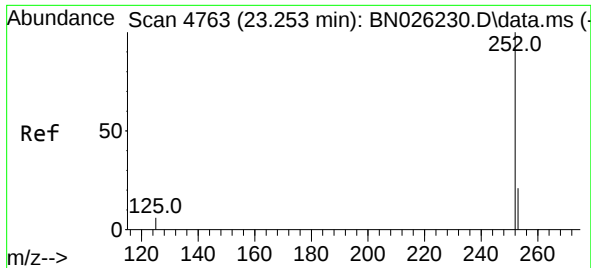
Tgt Ion:228 Resp: 272086
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 28.7 22.5 33.7



#22
Chrysene
Concen: 3.511 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. -0.015 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

Tgt Ion:228 Resp: 304369
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.9 15.7 23.5

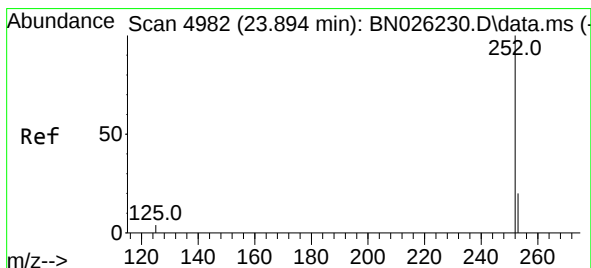
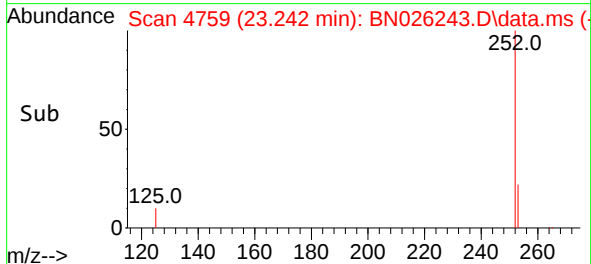
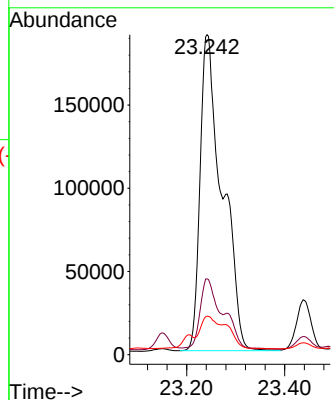
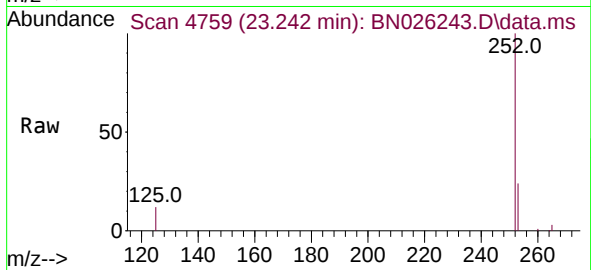




#24
Benzo(b)fluoranthene
Concen: 6.311 ng/ul
RT: 23.242 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

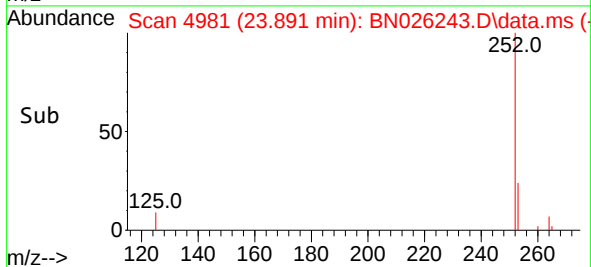
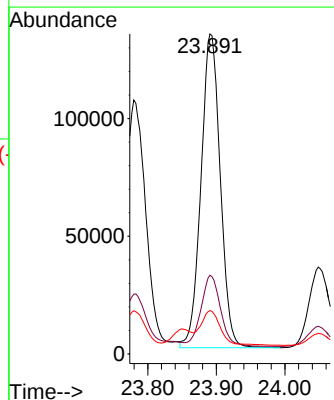
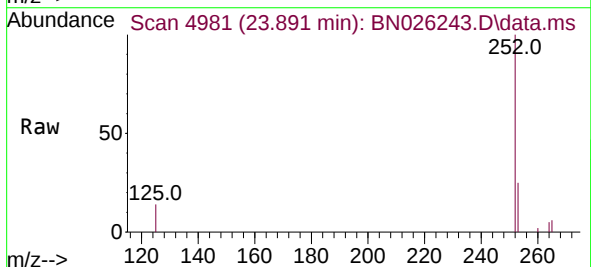
Instrument :
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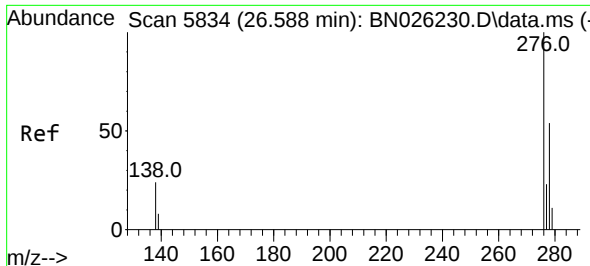
Tgt Ion:252 Resp: 595863
Ion Ratio Lower Upper
252 100
253 23.7 0.0 55.6
125 12.1 0.0 35.8



#26
Benzo(a)pyrene
Concen: 3.180 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026243.D
Acq: 04 Jul 2023 02:09

Tgt Ion:252 Resp: 260737
Ion Ratio Lower Upper
252 100
253 24.6 26.0 39.0#
125 13.5 17.3 25.9#

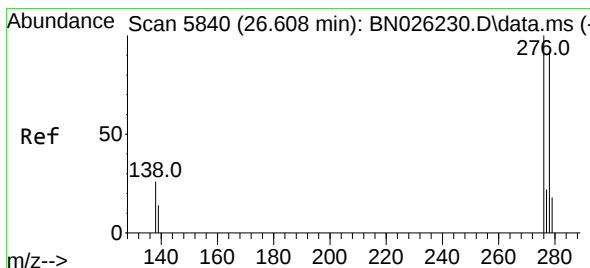
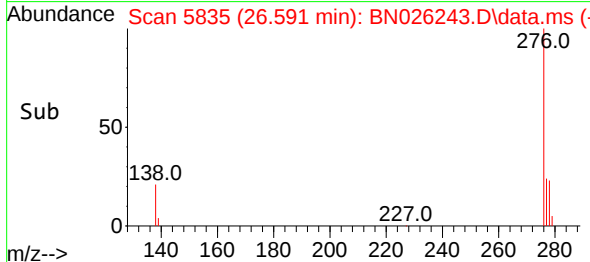
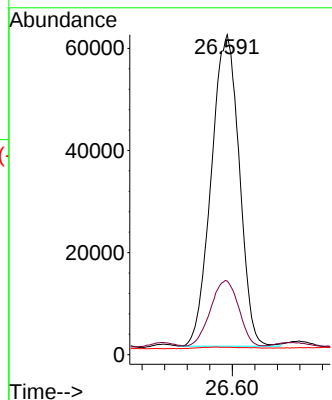
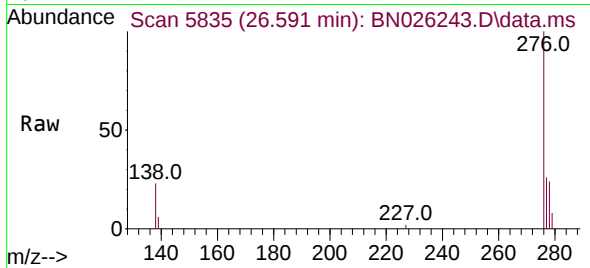




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.343 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.003 min
 Lab File: BN026243.D
 Acq: 04 Jul 2023 02:09

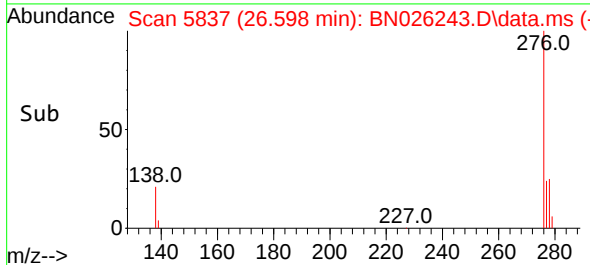
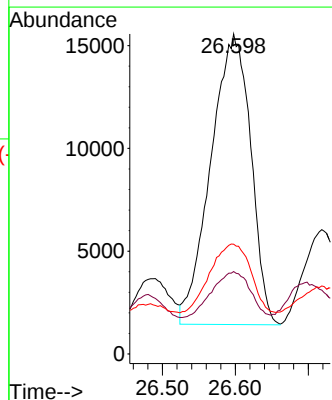
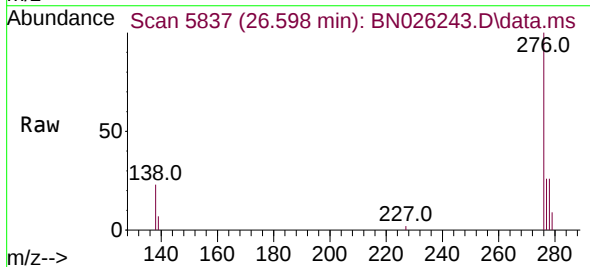
Instrument :
 BNA_N
 ClientSampleId :
 DCGM3

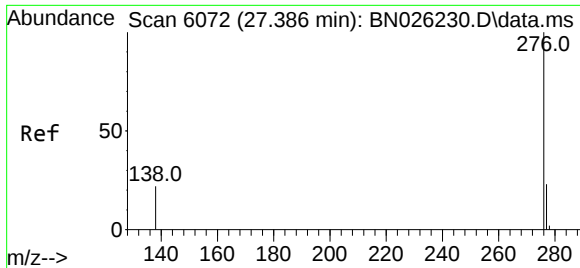
Tgt Ion:276 Resp: 209837
 Ion Ratio Lower Upper
 276 100
 138 21.5 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.793 ng/ul
 RT: 26.598 min Scan# 5837
 Delta R.T. -0.010 min
 Lab File: BN026243.D
 Acq: 04 Jul 2023 02:09

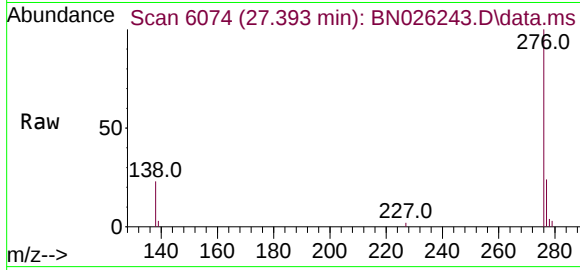
Tgt Ion:278 Resp: 53751
 Ion Ratio Lower Upper
 278 100
 139 25.8 19.0 28.4
 279 34.3 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.636 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN026243.D
 Acq: 04 Jul 2023 02:09

Instrument :
 BNA_N
 ClientSampleId :
 DCGM3



Tgt Ion:276 Resp: 210010
 Ion Ratio Lower Upper
 276 100
 138 23.2 23.4 35.0#
 277 24.3 20.0 30.0

