

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026195.D
 Acq On : 02 Jul 2023 18:49
 Operator : MA/JU
 Sample : 03247-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 05:41:27 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	8489	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	25944	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	14607	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	26841	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	15653	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	18310	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	24976	2.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	7341	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	11510	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	5507	0.074	ng/ul#	94
7) 2-Methylnaphthalene	12.431	142	3233	0.068	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	2587	0.053	ng/ul	99
10) Acenaphthylene	14.320	152	4634	0.068	ng/ul#	83
11) Acenaphthene	14.663	153	2201	0.039	ng/ul	96
12) Fluorene	15.648	166	1954	0.030	ng/ul#	93
15) Phenanthrene	17.389	178	50607	0.571	ng/ul	100
16) Anthracene	17.478	178	7347	0.093	ng/ul#	88
19) Fluoranthene	19.405	202	147864	1.769	ng/ul	99
20) Pyrene	19.768	202	123068	1.415	ng/ul	97
21) Benzo(a)anthracene	21.520	228	60107	0.931	ng/ul#	89
22) Chrysene	21.576	228	83202	1.238	ng/ul#	93
24) Benzo(b)fluoranthene	23.245	252	140606m	1.799	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	48169m	0.614	ng/ul	
26) Benzo(a)pyrene	23.885	252	84871	1.250	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.564	276	79496	1.072	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.568	278	17583	0.313	ng/ul#	72
29) Benzo(g,h,i)perylene	27.359	276	72087	1.093	ng/ul	96

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

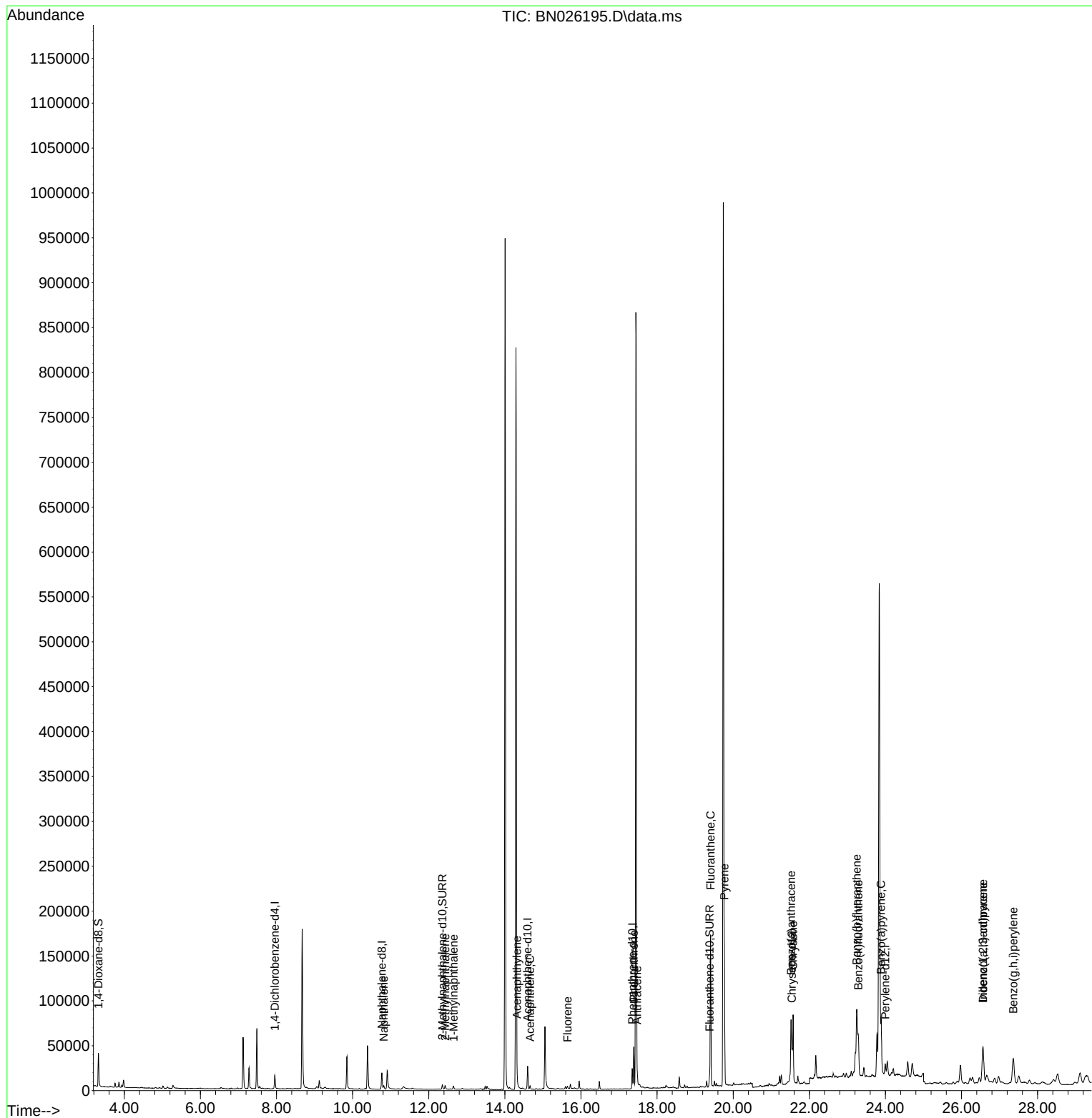
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026195.D
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ALS Vial : 52 Sample Multiplier: 1

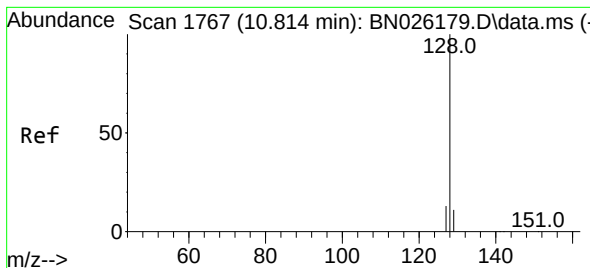
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Quant Time: Jul 03 05:41:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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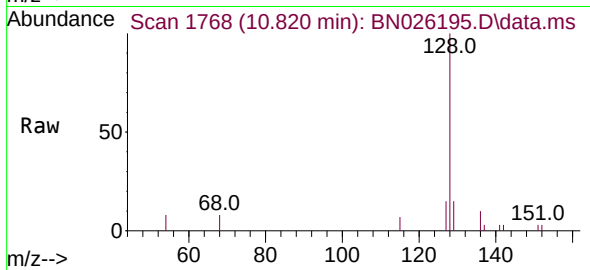
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.074 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

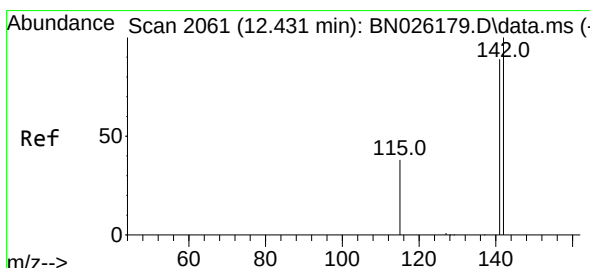
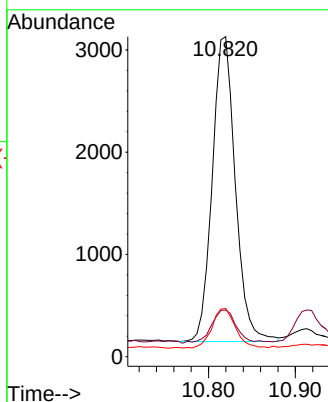
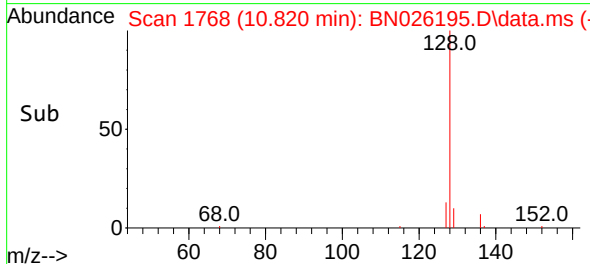
Instrument :
BNA_N
ClientSampleId :
DCGM6



Tgt Ion:128 Resp: 550
Ion Ratio Lower Upper
128 100
129 14.5 9.1 13.7
127 15.0 10.7 16.1

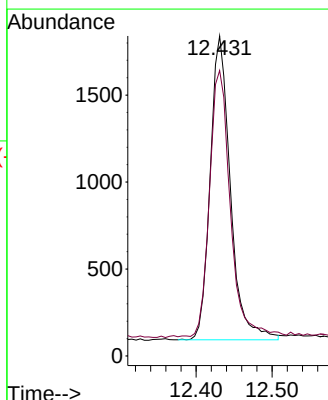
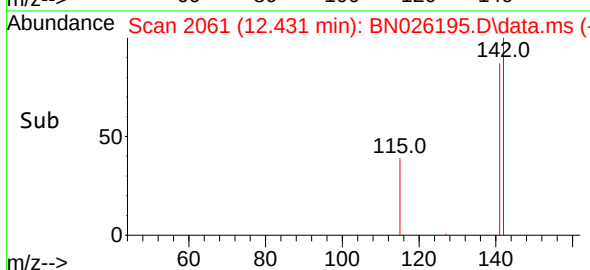
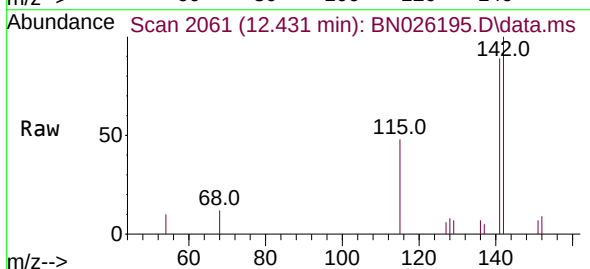
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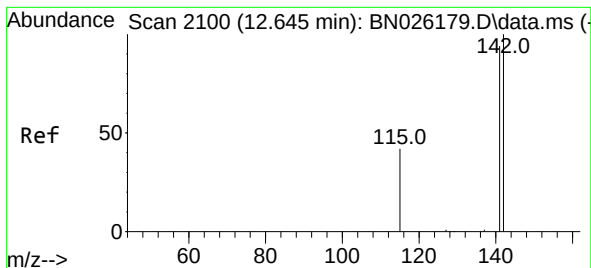
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

Tgt Ion:142 Resp: 3233
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026195.D

Acq: 02 Jul 2023 18:49

Instrument :

BNA_N

ClientSampleId :

DCGM6

Tgt Ion:142 Resp: 258

Ion Ratio Lower Upper

142 100

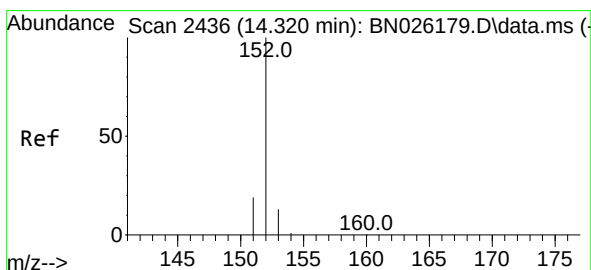
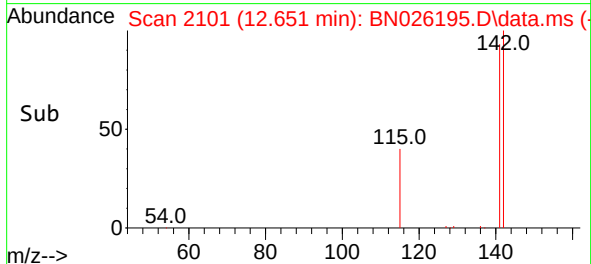
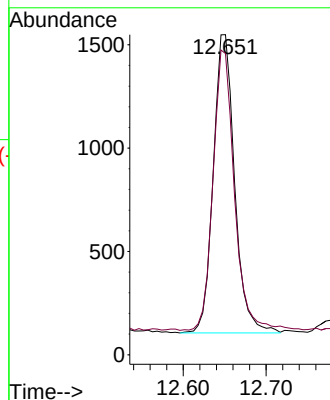
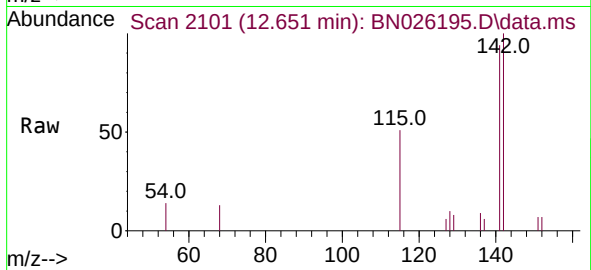
141 94.0 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/03/2023

Supervised By :Sohil Jodhani 07/04/2023



#10

Acenaphthylene

Concen: 0.068 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026195.D

Acq: 02 Jul 2023 18:49

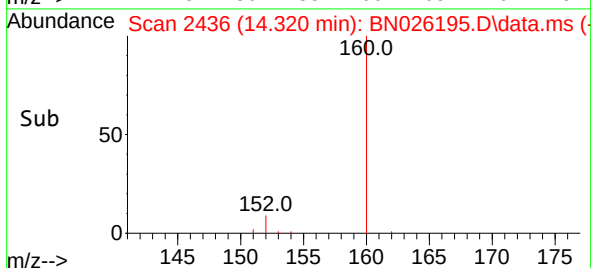
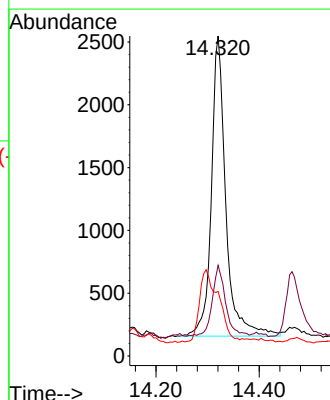
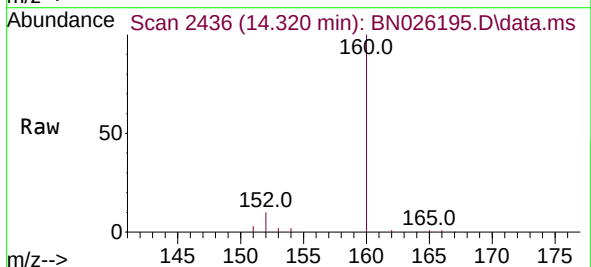
Tgt Ion:152 Resp: 4634

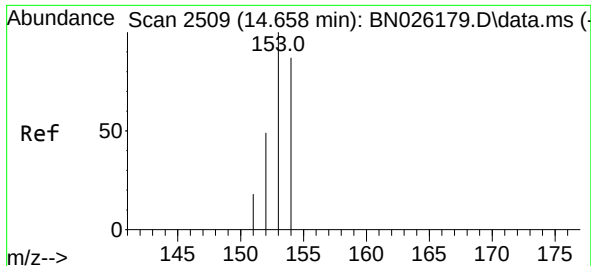
Ion Ratio Lower Upper

152 100

151 28.3 16.2 24.4#

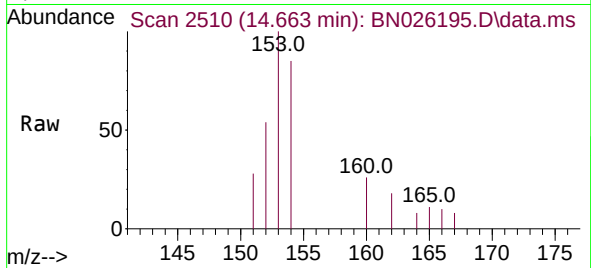
153 20.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

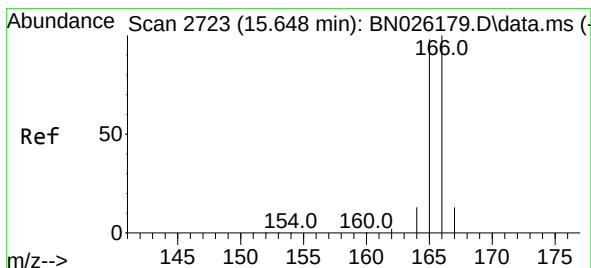
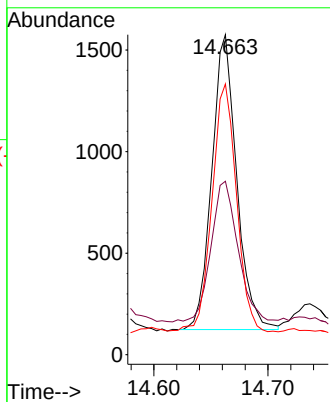
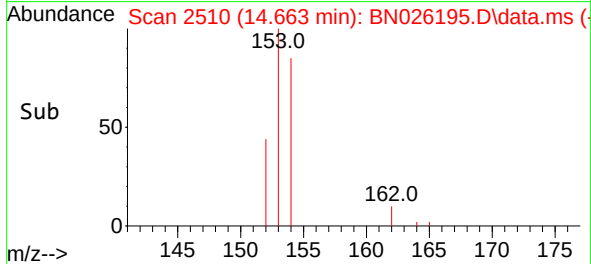
Instrument :
BNA_N
ClientSampleId :
DCGM6



Tgt Ion:153 Resp: 220
Ion Ratio Lower Upper
153 100
152 54.2 39.4 59.0
154 84.6 68.9 103.3

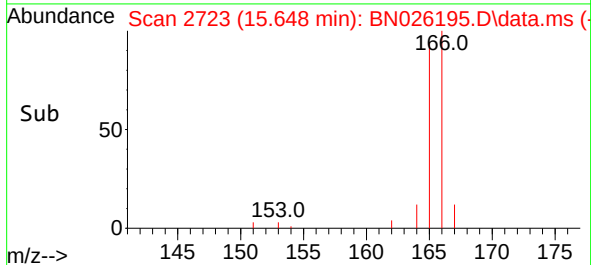
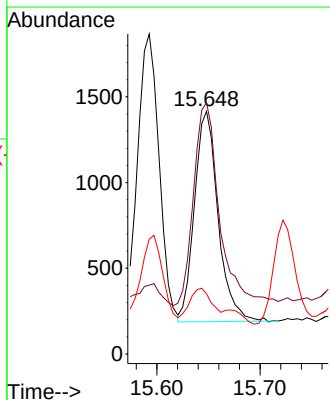
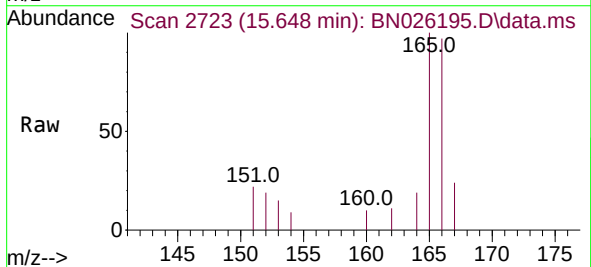
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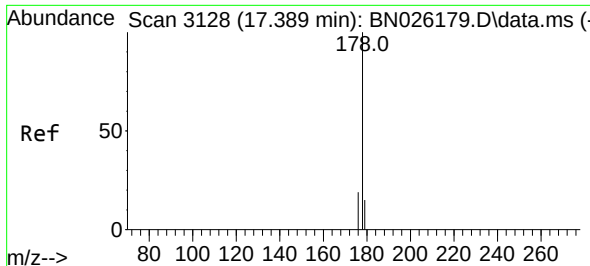
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

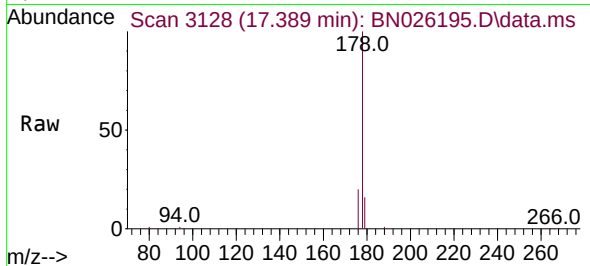
Tgt Ion:166 Resp: 1954
Ion Ratio Lower Upper
166 100
165 103.6 79.9 119.9
167 24.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.571 ng/u1
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

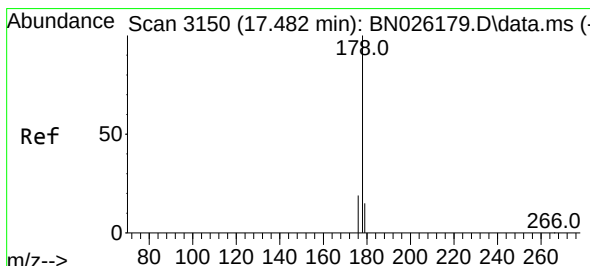
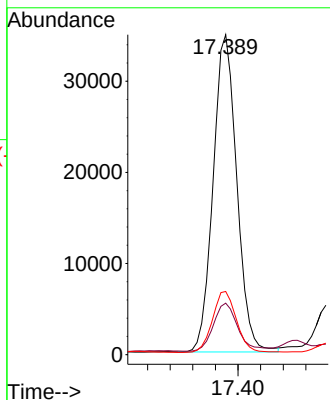
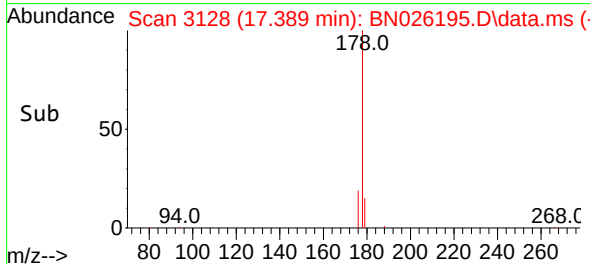
Instrument :
BNA_N
ClientSampleId :
DCGM6



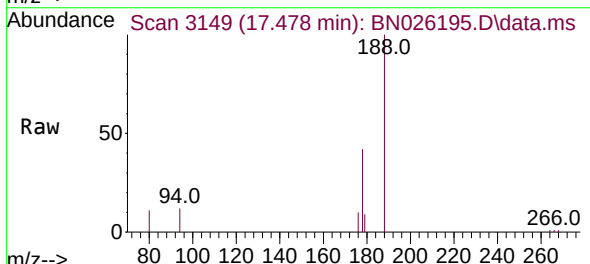
Tgt Ion:178 Resp: 5060
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.8 15.8 23.6

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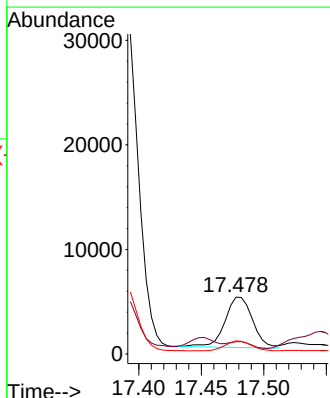
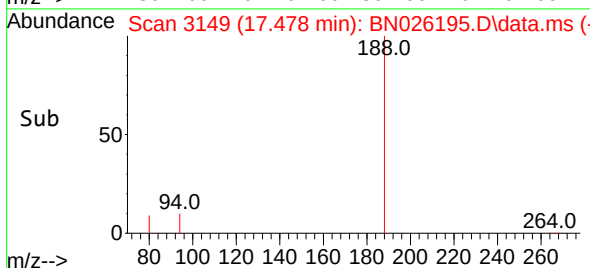
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

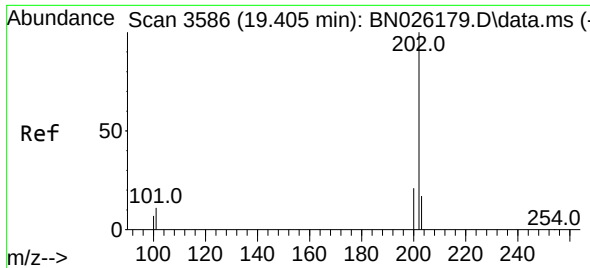


#16
Anthracene
Concen: 0.093 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49



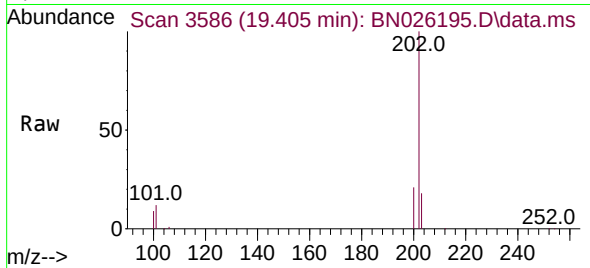
Tgt Ion:178 Resp: 7347
Ion Ratio Lower Upper
178 100
179 21.5 12.6 18.8#
176 23.3 15.1 22.7#





#19
Fluoranthene
Concen: 1.769 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

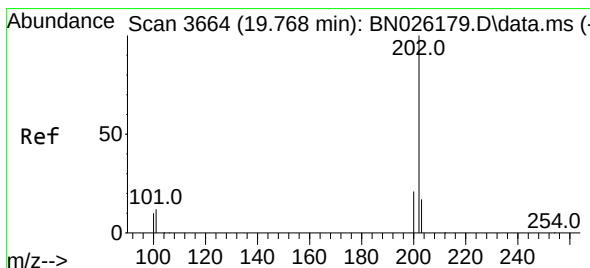
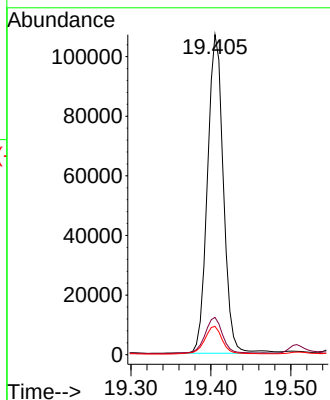
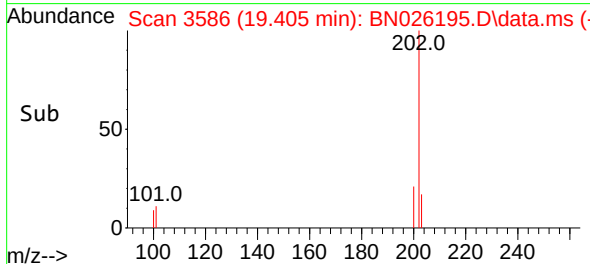
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ClientSampleId :
DCGM6



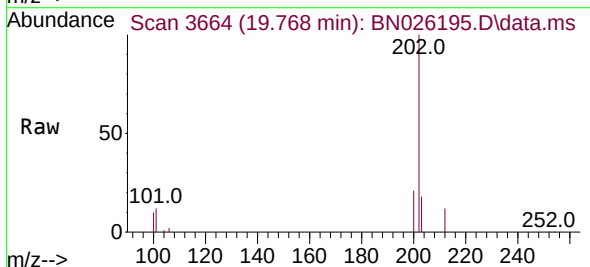
Tgt Ion:202 Resp: 147864
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.9 7.3 10.9

Manual Integrations
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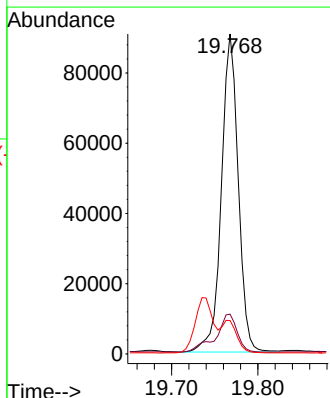
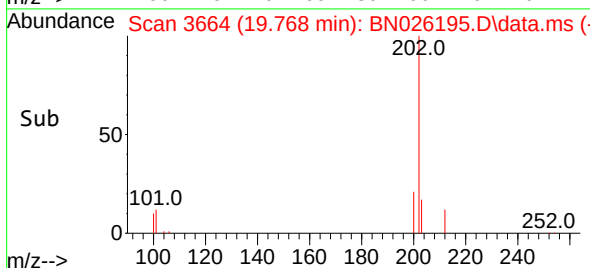
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

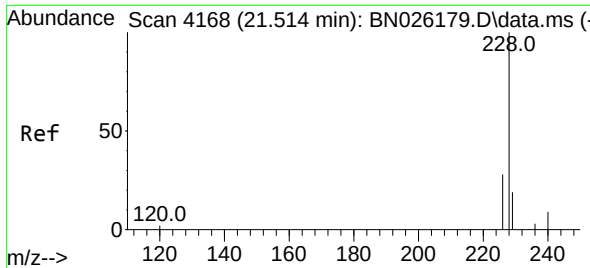


#20
Pyrene
Concen: 1.415 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49



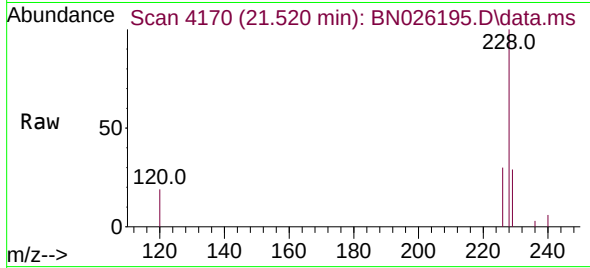
Tgt Ion:202 Resp: 123068
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.931 ng/ul
RT: 21.520 min Scan# 4168
Delta R.T. -0.007 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

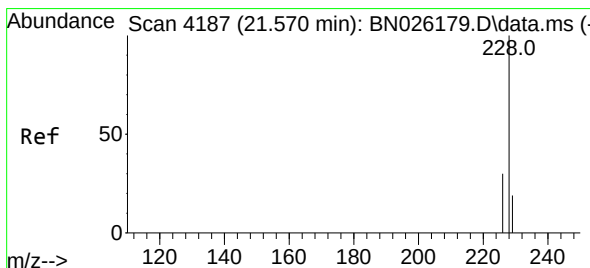
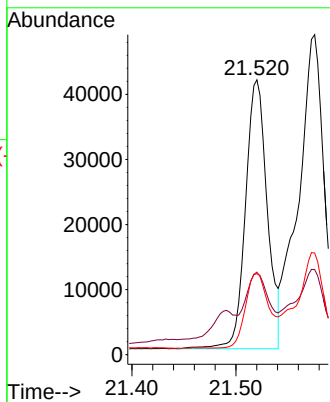
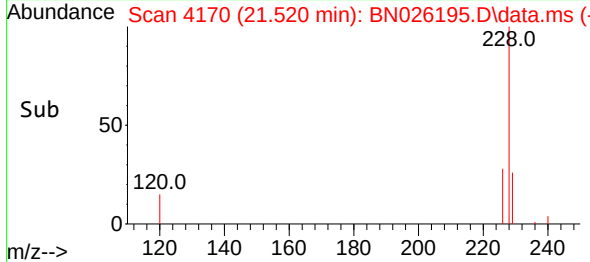
Instrument :
BNA_N
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DCGM6



Tgt Ion:228 Resp: 60107
Ion Ratio Lower Upper
228 100
229 29.4 15.8 23.6
226 30.0 22.5 33.7

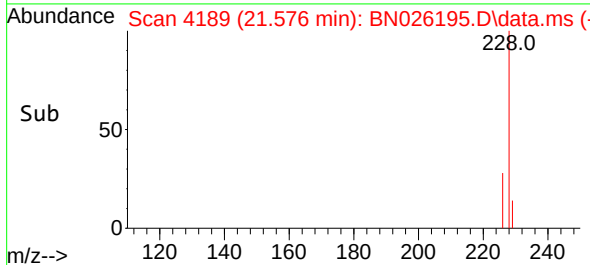
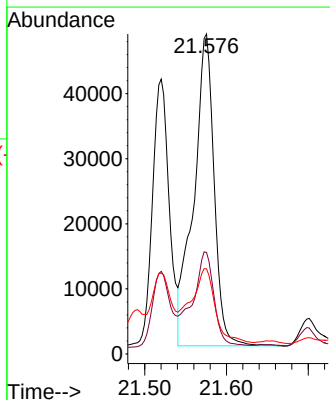
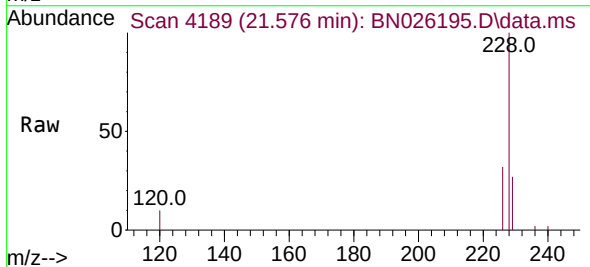
Manual Integrations
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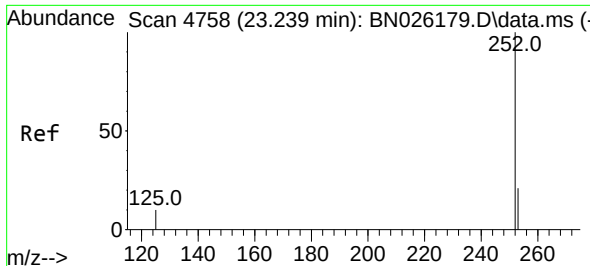
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 1.238 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

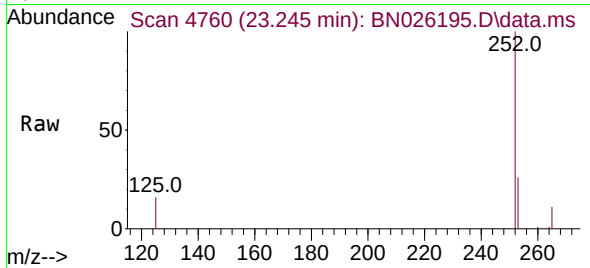
Tgt Ion:228 Resp: 83202
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 26.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.799 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. 0.002 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

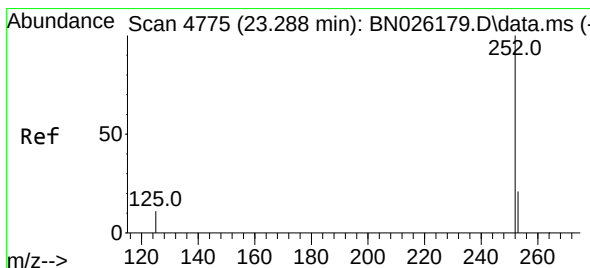
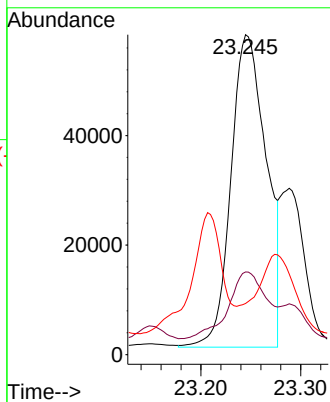
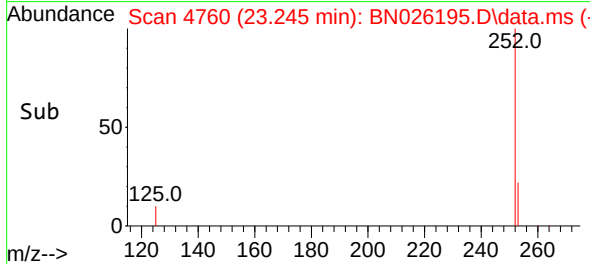
Instrument :
BNA_N
ClientSampleId :
DCGM6



Tgt Ion:252 Resp: 140600
Ion Ratio Lower Upper
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125 16.0 0.0 35.8

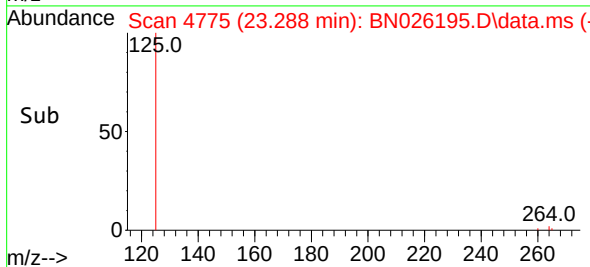
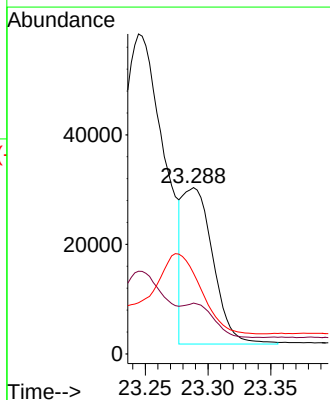
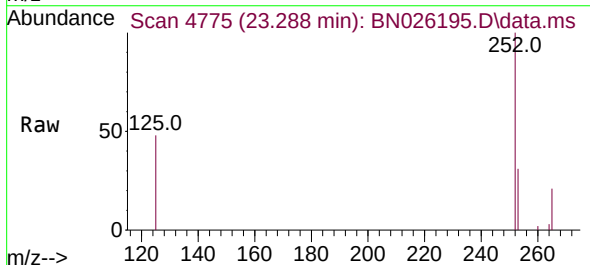
Manual Integrations
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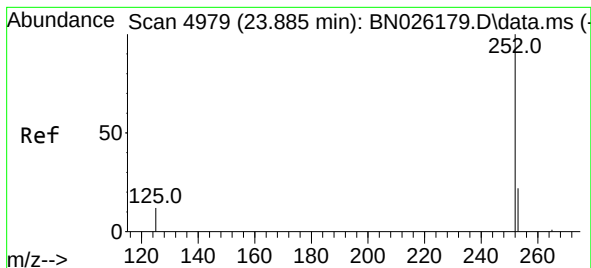
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

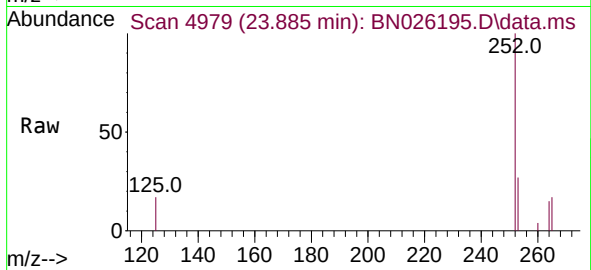
Tgt Ion:252 Resp: 48169
Ion Ratio Lower Upper
252 100
253 30.6 23.2 34.8
125 48.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 1.250 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

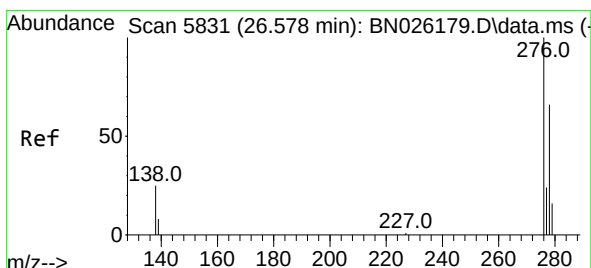
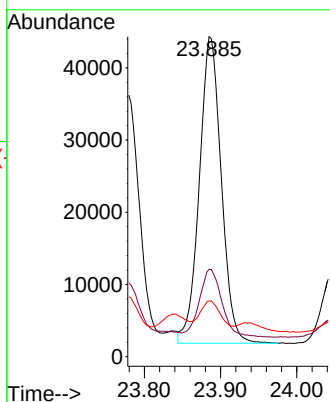
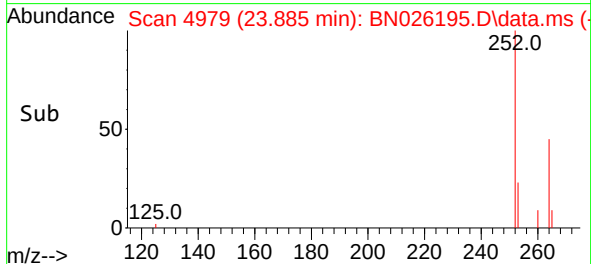
Instrument :
BNA_N
ClientSampleId :
DCGM6



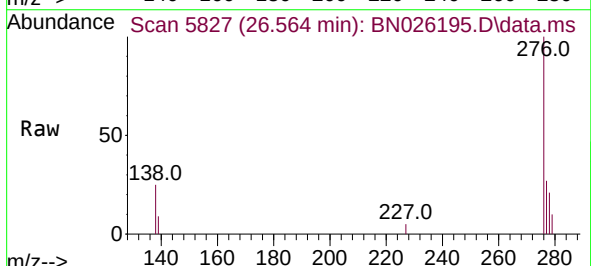
Tgt Ion:252 Resp: 8487
Ion Ratio Lower Upper
252 100
253 27.3 26.0 39.0
125 17.4 17.3 25.9

Manual Integrations
APPROVED

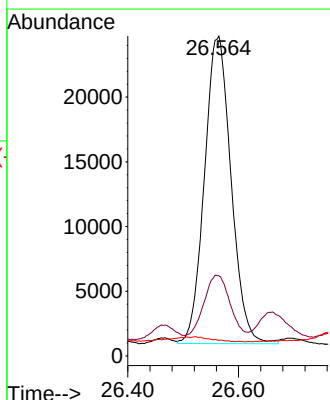
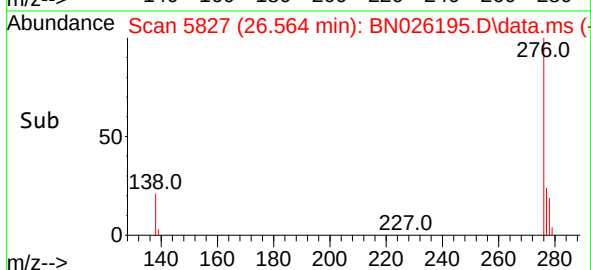
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

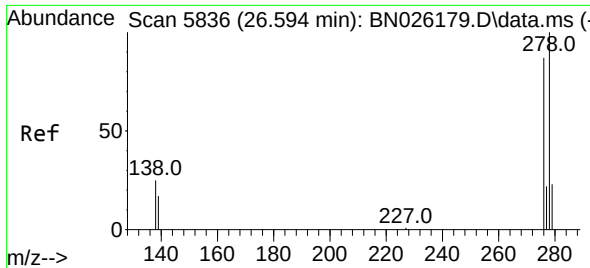


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.072 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. 0.006 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49



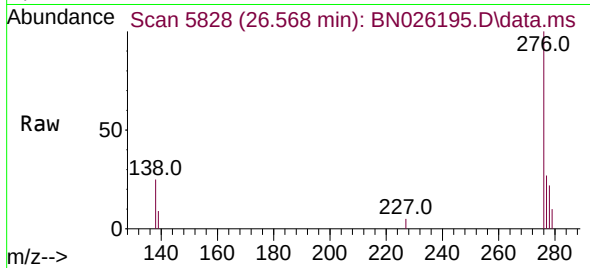
Tgt Ion:276 Resp: 79496
Ion Ratio Lower Upper
276 100
138 20.5 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.313 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.011 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

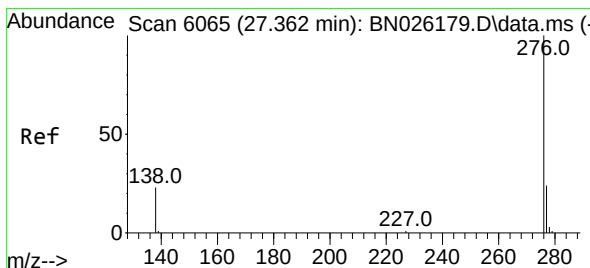
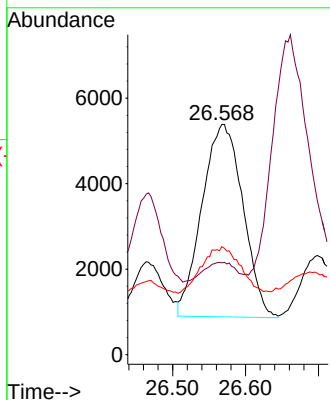
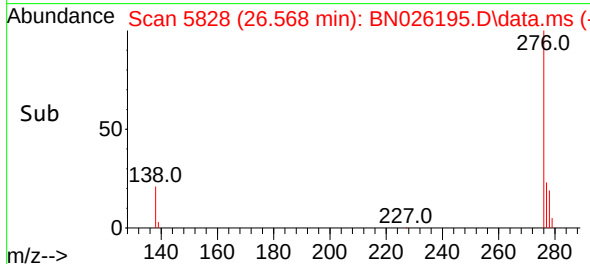
Instrument :
BNA_N
ClientSampleId :
DCGM6



Tgt Ion:278 Resp: 1758
Ion Ratio Lower Upper
278 100
139 39.9 19.0 28.4
279 46.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 1.093 ng/ul
RT: 27.359 min Scan# 6064
Delta R.T. 0.013 min
Lab File: BN026195.D
Acq: 02 Jul 2023 18:49

Tgt Ion:276 Resp: 72087
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 26.7 20.0 30.0

