

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026168.D
 Acq On : 02 Jul 2023 01:47
 Operator : MA/JU
 Sample : 03245-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 03:09:48 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	7.959	152	8247	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	26649	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	16282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	33960	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	19756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	17727	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	18920	2.037	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	5845	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	12399	0.165	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.820	128	70952	0.929	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	13528	0.278	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	8668	0.172	ng/ul	99
10) Acenaphthylene	14.320	152	71794	0.942	ng/ul	99
11) Acenaphthene	14.663	153	11881	0.190	ng/ul	99
12) Fluorene	15.648	166	14707	0.206	ng/ul	99
15) Phenanthrene	17.385	178	459781	4.099	ng/ul	99
16) Anthracene	17.478	178	84171	0.844	ng/ul	100
19) Fluoranthene	19.400	202	1287713	12.203	ng/ul	99
20) Pyrene	19.763	202	1076378	9.807	ng/ul	98
21) Benzo(a)anthracene	21.514	228	505878	6.207	ng/ul	98
22) Chrysene	21.570	228	537457	6.338	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	724748m	9.579	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	279909m	3.684	ng/ul	
26) Benzo(a)pyrene	23.888	252	470398	7.158	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.574	276	371737	5.179	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.578	278	88573	1.630	ng/ul	94
29) Benzo(g,h,i)perylene	27.369	276	359769	5.634	ng/ul	93

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

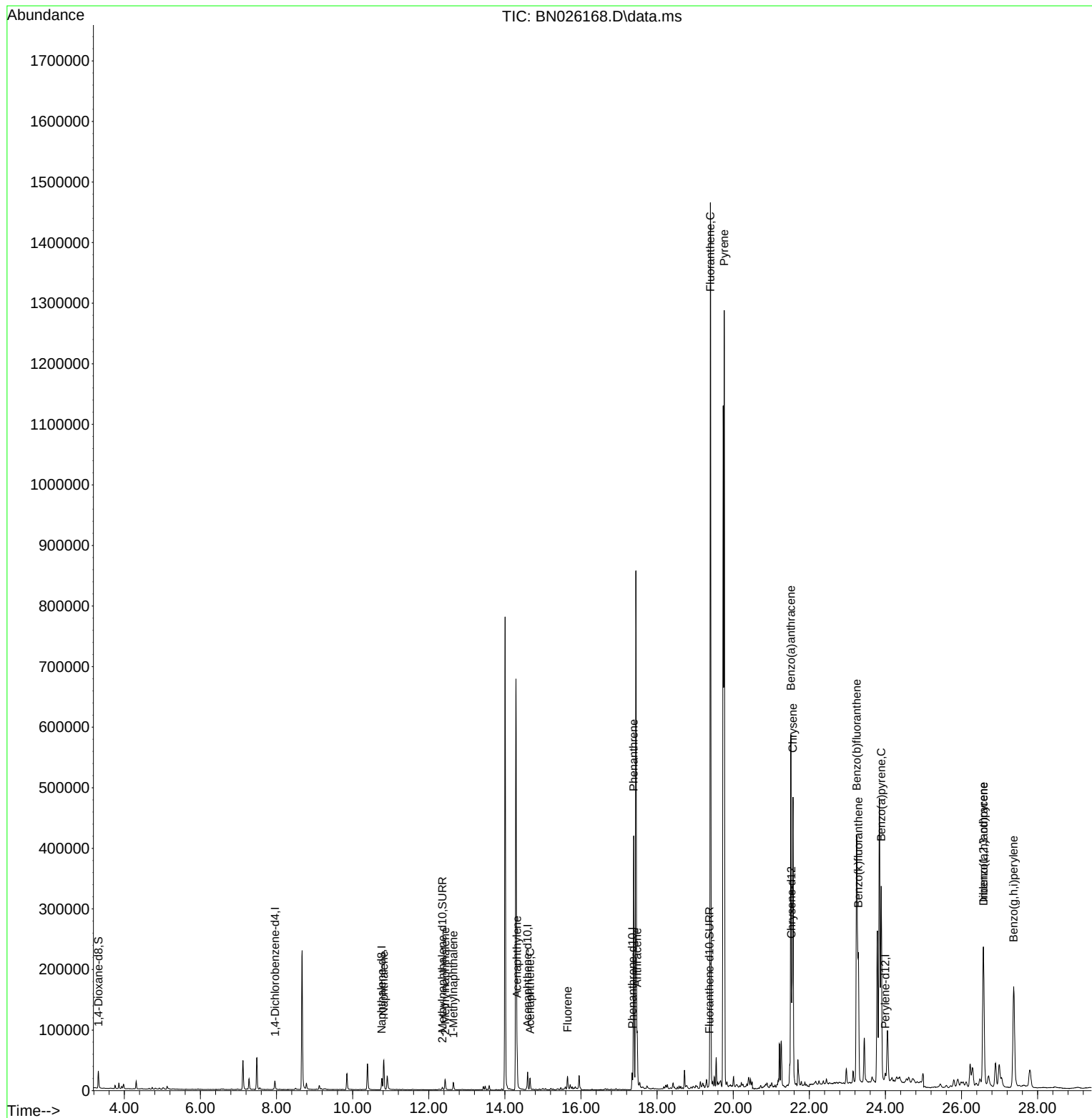
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026168.D
Acq On : 02 Jul 2023 01:47
Operator : MA/JU
Sample : 03245-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

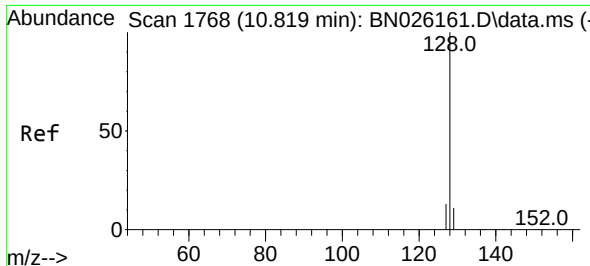
Instrument :
BNA_N
ClientSampleId :
DCGG7

Quant Time: Jul 02 03:09:48 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

Manual Integrations
APPROVED

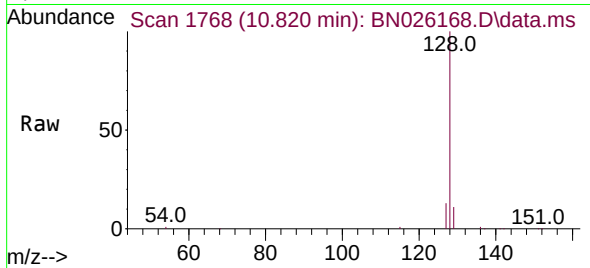
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.929 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

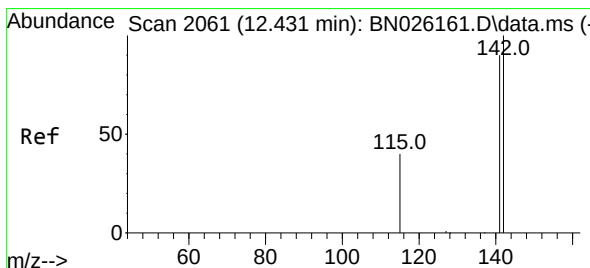
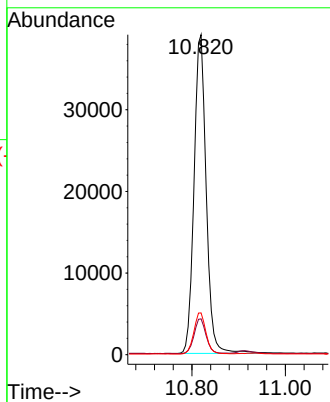
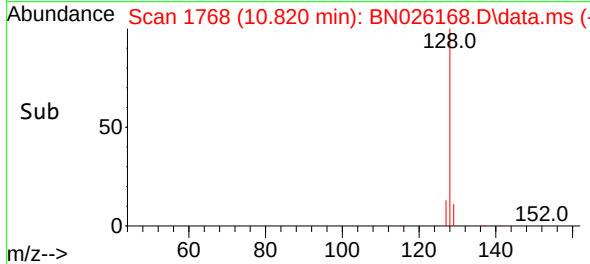
Instrument :
BNA_N
ClientSampleId :
DCGG7



Tgt Ion:128 Resp: 70952
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.7 16.1

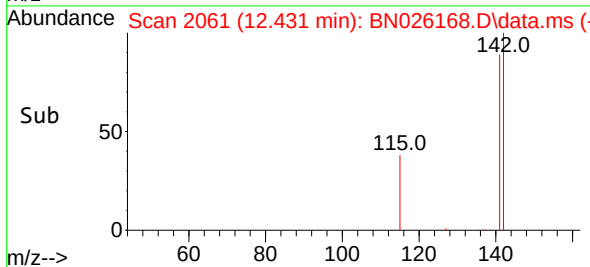
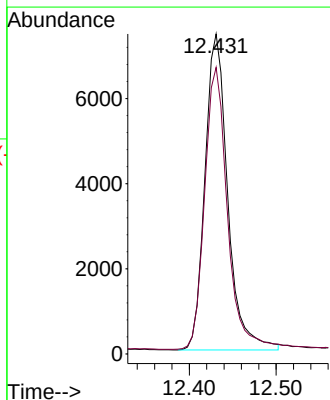
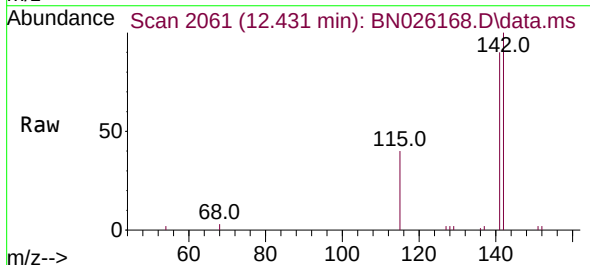
Manual Integrations
APPROVED

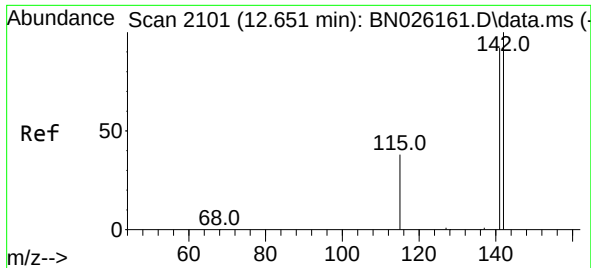
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

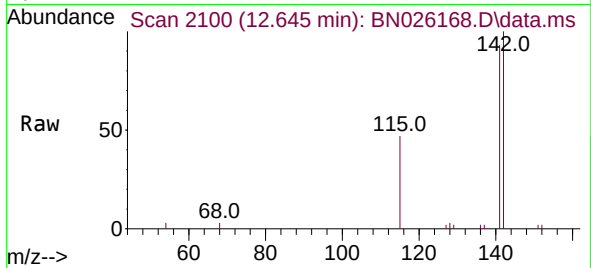
Tgt Ion:142 Resp: 13528
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.645 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

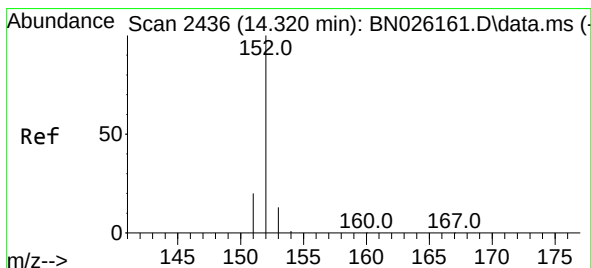
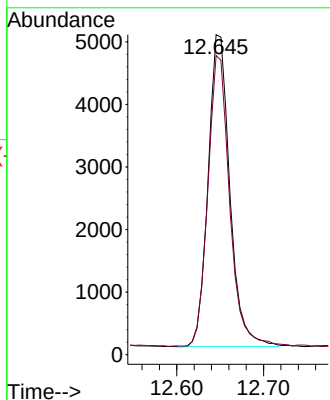
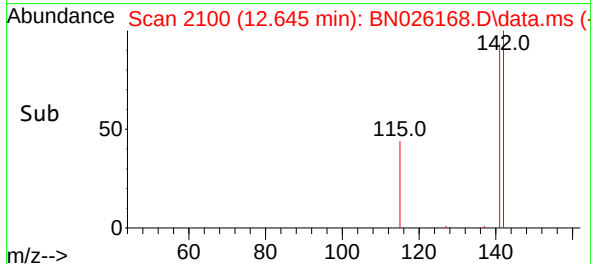
Instrument :
BNA_N
ClientSampleId :
DCGG7



Tgt Ion:142 Resp: 866
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4

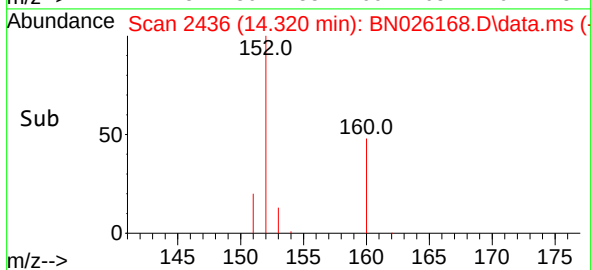
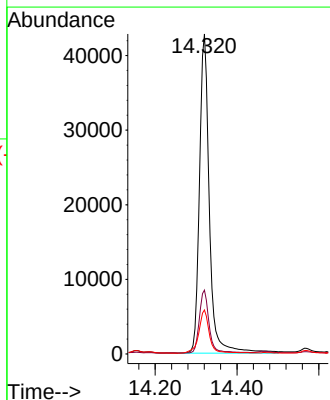
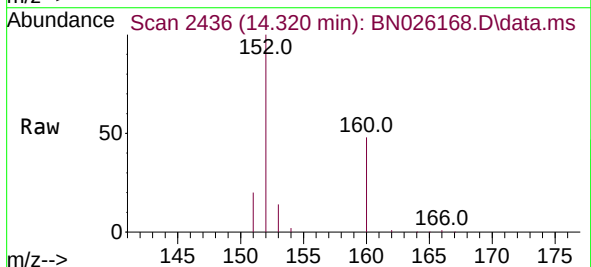
Manual Integrations
APPROVED

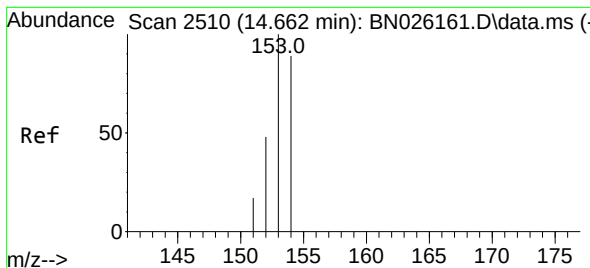
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.942 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

Tgt Ion:152 Resp: 71794
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.8 10.9 16.3





#11

Acenaphthene

Concen: 0.190 ng/ul

RT: 14.663 min Scan# 2510

Delta R.T. -0.005 min

Lab File: BN026168.D

Acq: 02 Jul 2023 01:47

Instrument :

BNA_N

ClientSampleId :

DCGG7

Tgt Ion:153 Resp: 1188

Ion Ratio Lower Upper

153 100

152 50.6 39.4 59.0

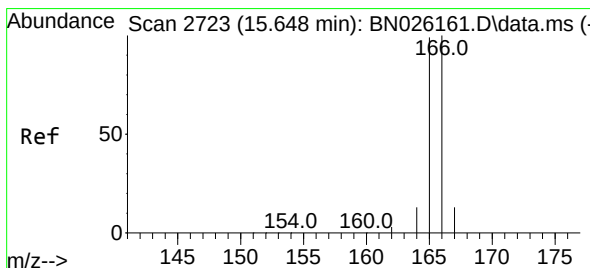
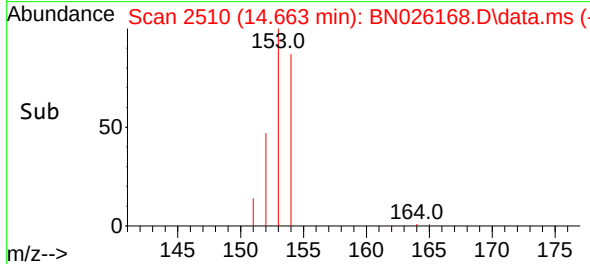
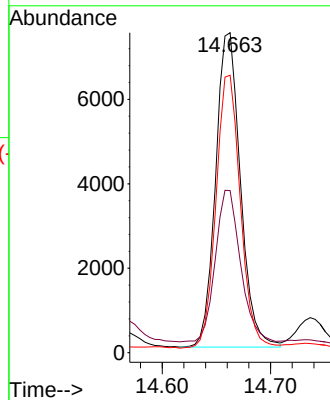
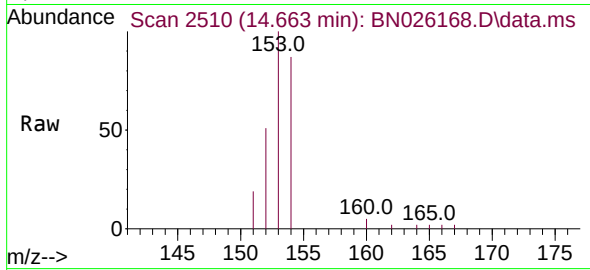
154 86.7 68.9 103.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#12

Fluorene

Concen: 0.206 ng/ul

RT: 15.648 min Scan# 2723

Delta R.T. -0.005 min

Lab File: BN026168.D

Acq: 02 Jul 2023 01:47

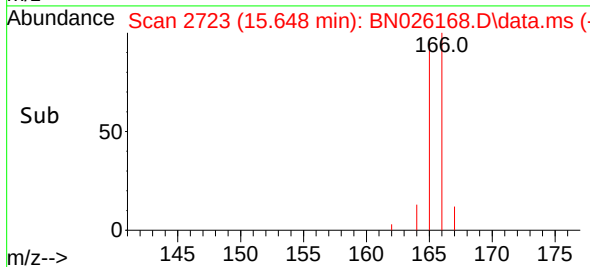
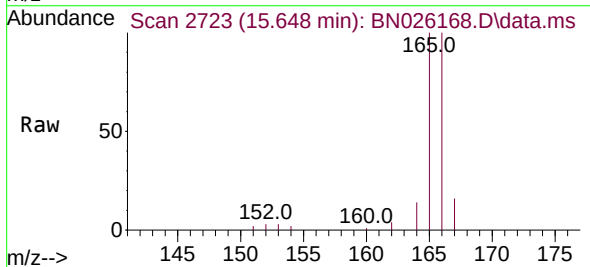
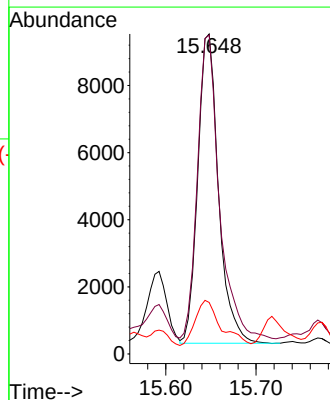
Tgt Ion:166 Resp: 14707

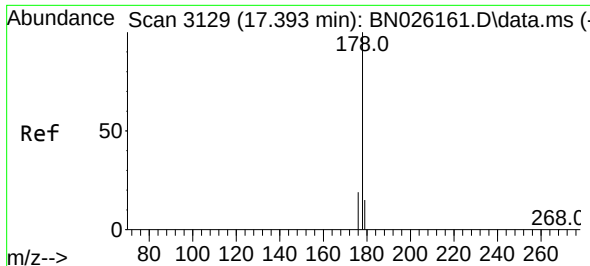
Ion Ratio Lower Upper

166 100

165 99.7 79.9 119.9

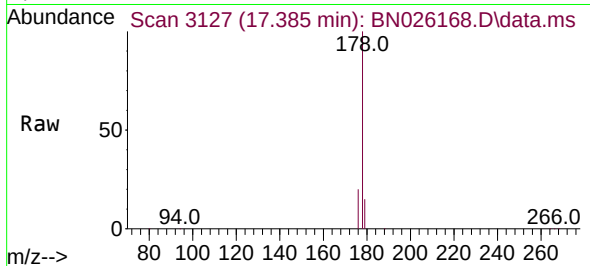
167 16.1 10.8 16.2





#15
Phenanthrene
Concen: 4.099 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

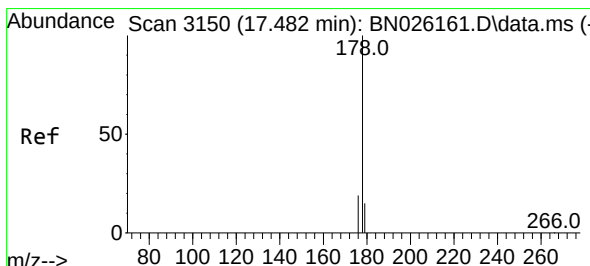
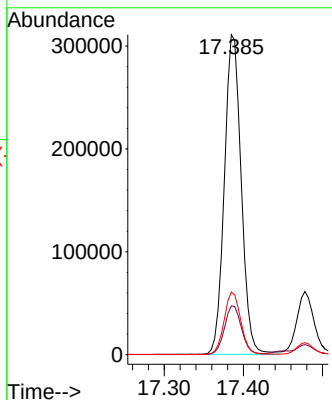
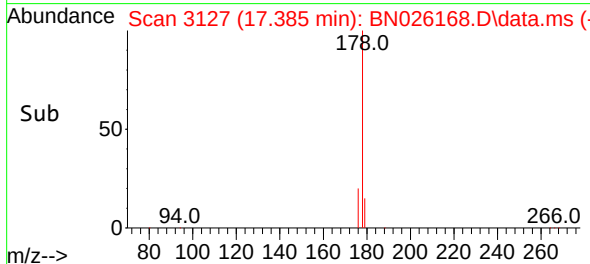
Instrument :
BNA_N
ClientSampleId :
DCGG7



Tgt Ion:178 Resp: 45978
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.6 15.8 23.6

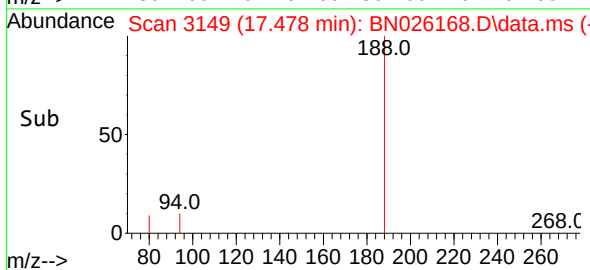
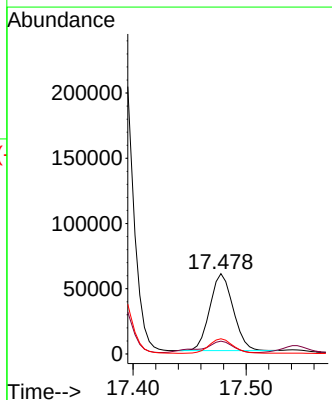
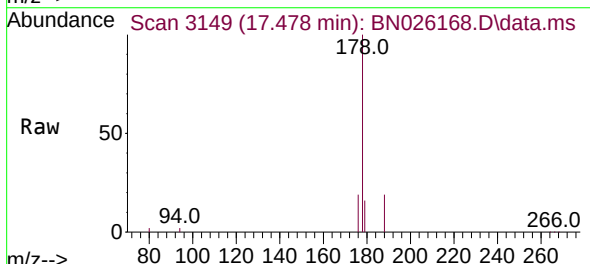
Manual Integrations
APPROVED

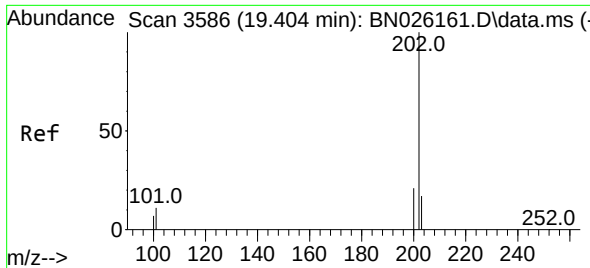
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.844 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

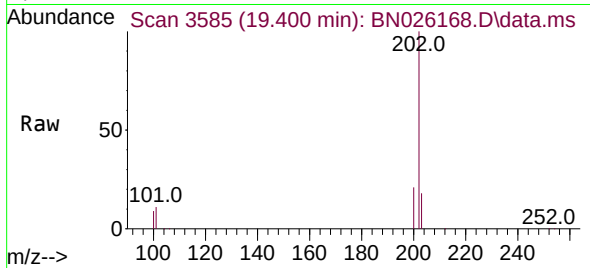
Tgt Ion:178 Resp: 84171
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.0 15.1 22.7





#19
Fluoranthene
Concen: 12.203 ng/u1
RT: 19.400 min Scan# 3586
Delta R.T. -0.010 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

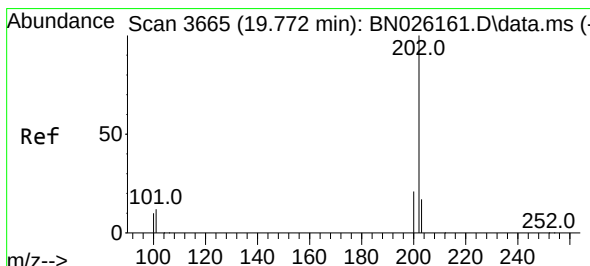
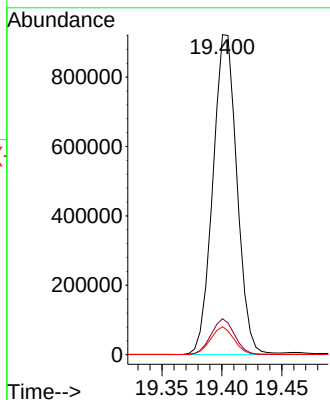
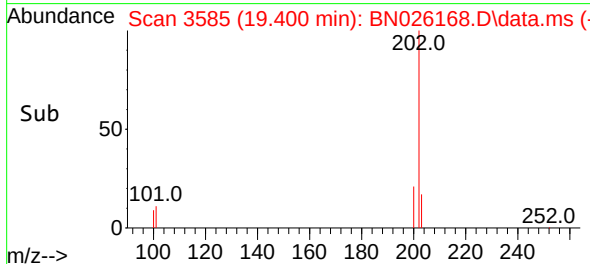
Instrument :
BNA_N
ClientSampleId :
DCGG7



Tgt Ion:202 Resp: 128771
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.7 7.3 10.9

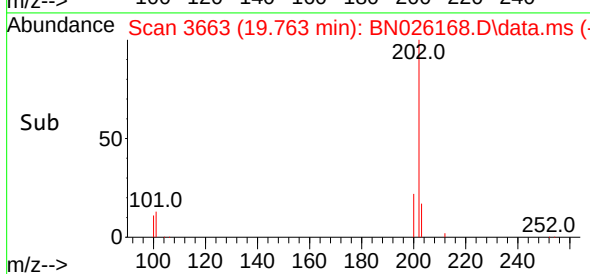
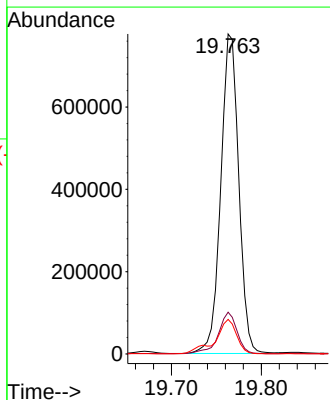
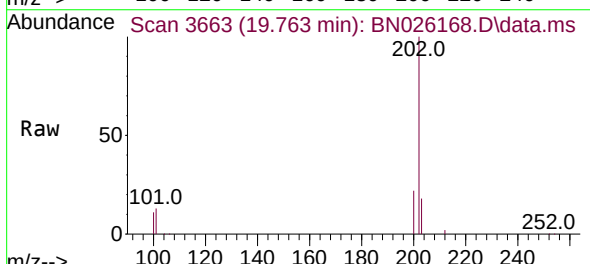
Manual Integrations
APPROVED

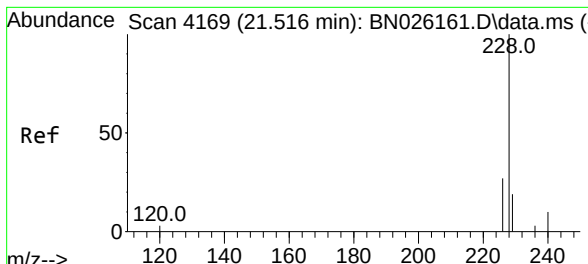
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 9.807 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

Tgt Ion:202 Resp: 1076378
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 6.207 ng/u1
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

Instrument :

BNA_N

ClientSampleId :

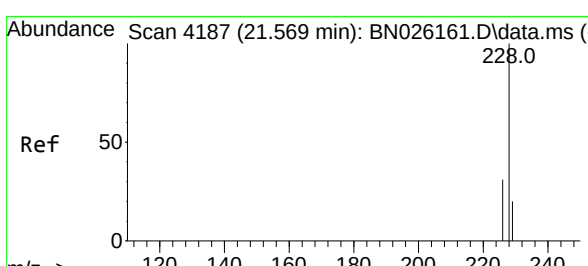
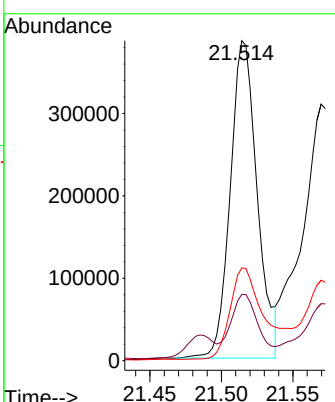
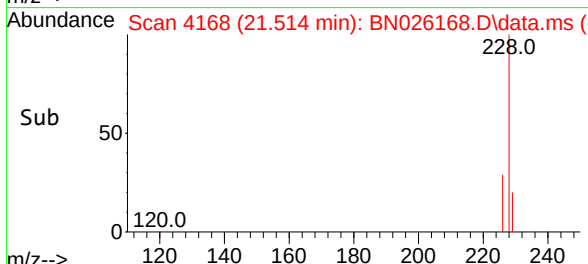
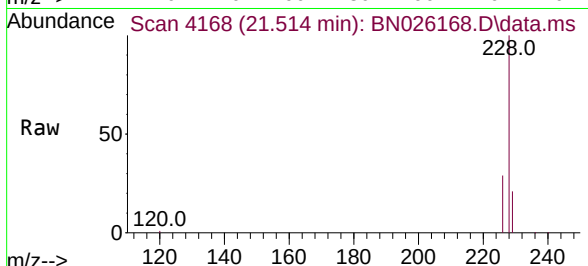
DCGG7

Tgt Ion:228 Resp: 505878

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	29.0	22.5	33.7

Manual Integrations
APPROVED

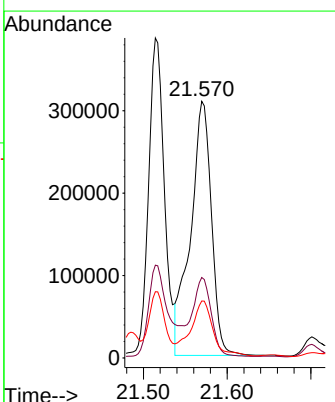
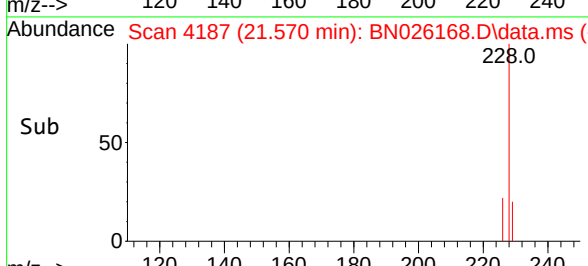
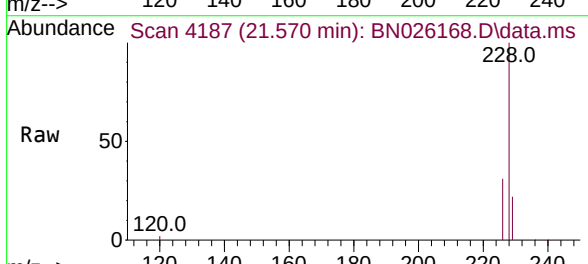
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

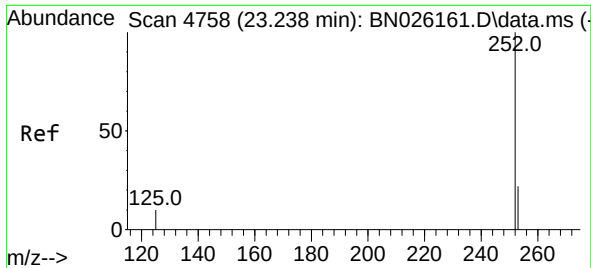


#22
Chrysene
Concen: 6.338 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

Tgt Ion:228 Resp: 537457

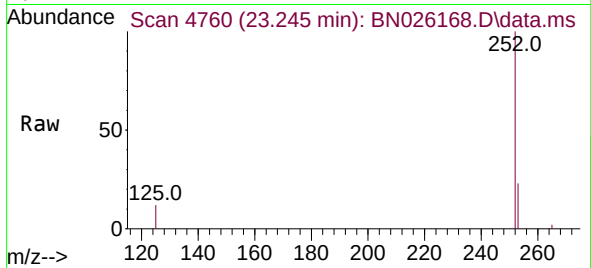
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	22.2	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 9.579 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. 0.002 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

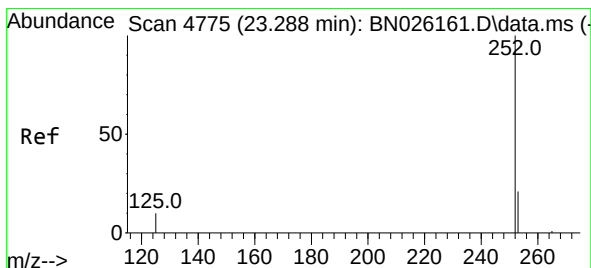
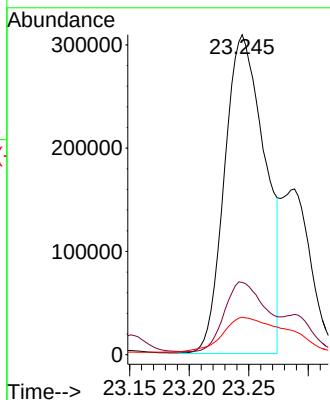
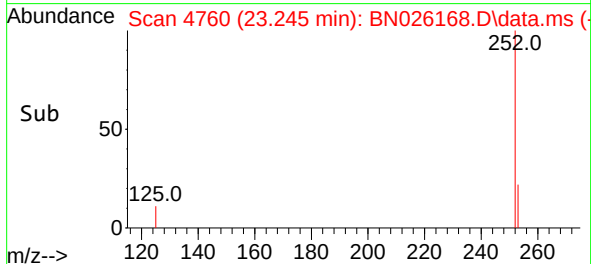
Instrument :
BNA_N
ClientSampleId :
DCGG7



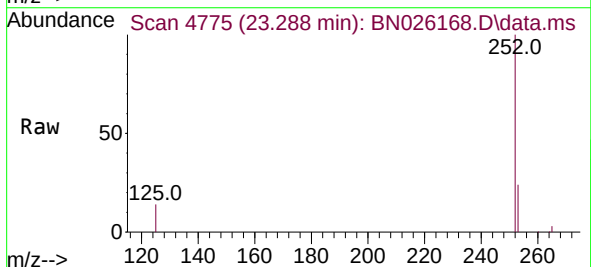
Tgt Ion:252 Resp: 724748
Ion Ratio Lower Upper
252 100
253 22.6 0.0 55.6
125 11.7 0.0 35.8

Manual Integrations
APPROVED

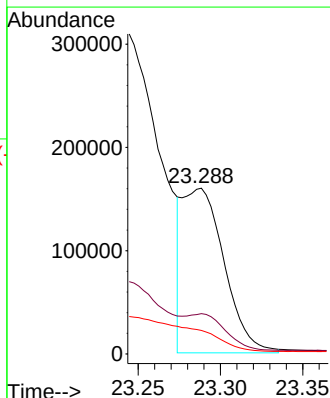
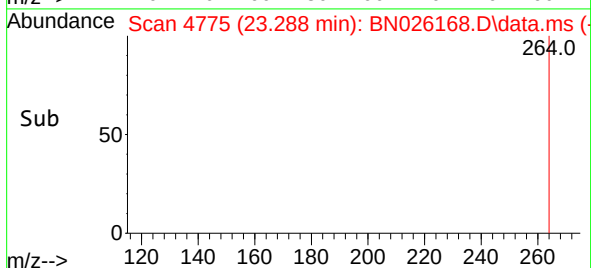
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

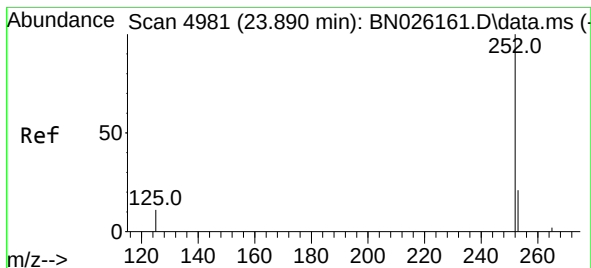


#25
Benzo(k)fluoranthene
Concen: 3.684 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47



Tgt Ion:252 Resp: 279909
Ion Ratio Lower Upper
252 100
253 24.3 23.2 34.8
125 14.2 15.0 22.4





#26

Benzo(a)pyrene

Concen: 7.158 ng/ul

RT: 23.888 min Scan# 4981

Delta R.T. 0.002 min

Lab File: BN026168.D

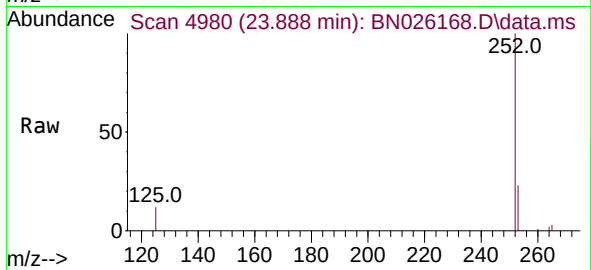
Acq: 02 Jul 2023 01:47

Instrument :

BNA_N

ClientSampleId :

DCGG7



Tgt Ion:252 Resp: 470398

Ion Ratio Lower Upper

252 100

253 23.4 26.0 39.0

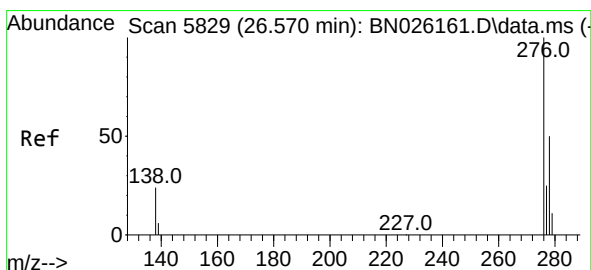
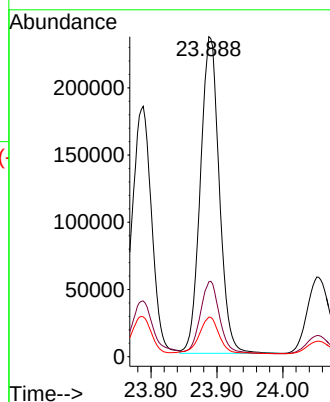
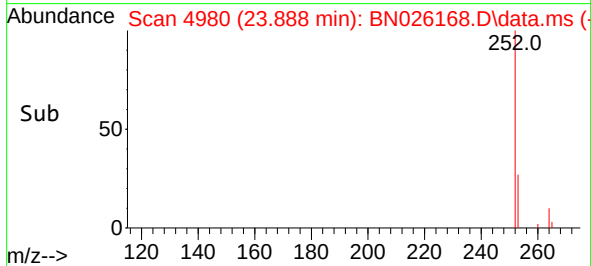
125 12.3 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.179 ng/ul

RT: 26.574 min Scan# 5830

Delta R.T. 0.016 min

Lab File: BN026168.D

Acq: 02 Jul 2023 01:47

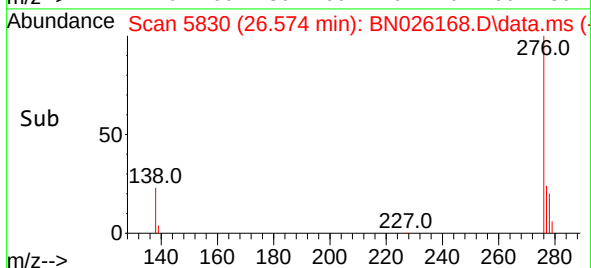
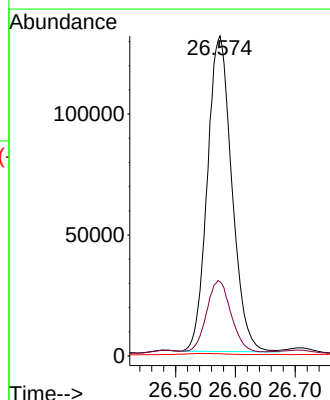
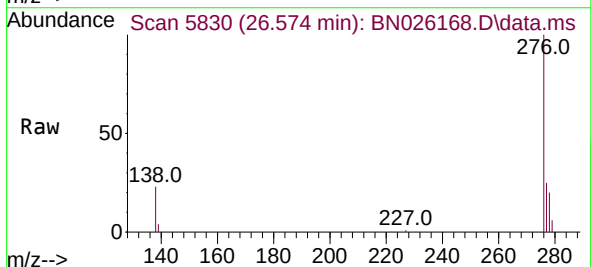
Tgt Ion:276 Resp: 371737

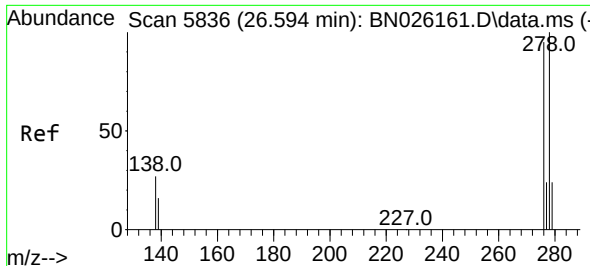
Ion Ratio Lower Upper

276 100

138 22.5 24.5 36.7

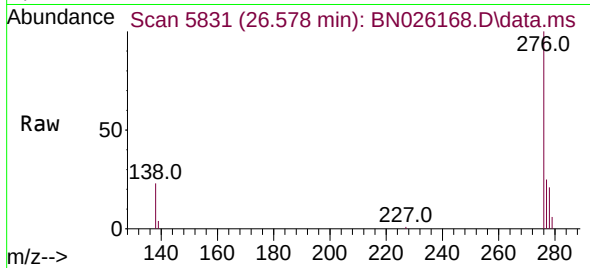
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.630 ng/ul
RT: 26.578 min Scan# 5836
Delta R.T. -0.001 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47

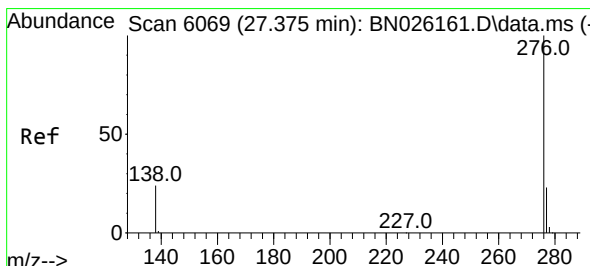
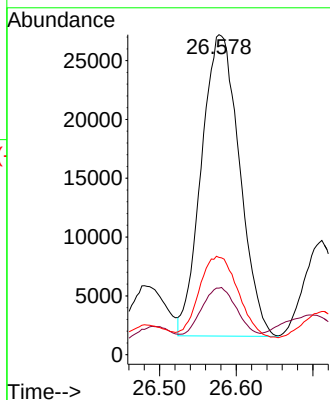
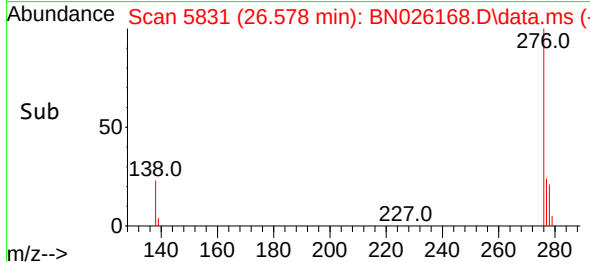
Instrument :
BNA_N
ClientSampleId :
DCGG7



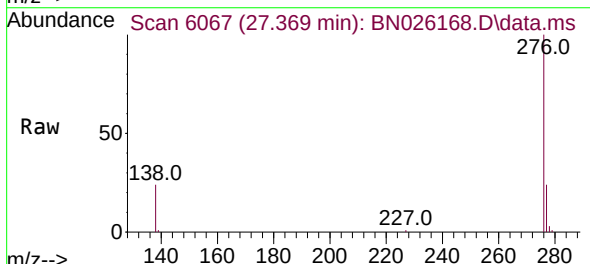
Tgt Ion:278 Resp: 8857
Ion Ratio Lower Upper
278 100
139 20.8 19.0 28.4
279 30.4 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 5.634 ng/ul
RT: 27.369 min Scan# 6067
Delta R.T. 0.023 min
Lab File: BN026168.D
Acq: 02 Jul 2023 01:47



Tgt Ion:276 Resp: 359769
Ion Ratio Lower Upper
276 100
138 23.8 23.4 35.0
277 23.9 20.0 30.0

