

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026073.D
 Acq On : 29 Jun 2023 00:44
 Operator : MA/JU
 Sample : 03142-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 01:59:30 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	8659	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	28198	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	17102	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	35339	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	20667	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	17738	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	21596	2.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	6529	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	13266	0.169	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	40972	0.507	ng/ul	100
7) 2-Methylnaphthalene	12.436	142	8714	0.169	ng/ul	98
8) 1-Methylnaphthalene	12.656	142	4532	0.085	ng/ul	99
10) Acenaphthylene	14.326	152	49863	0.623	ng/ul	100
11) Acenaphthene	14.668	153	4220	0.064	ng/ul	97
12) Fluorene	15.654	166	8066	0.107	ng/ul#	98
15) Phenanthrene	17.394	178	124681	1.068	ng/ul	99
16) Anthracene	17.483	178	81950	0.790	ng/ul	99
19) Fluoranthene	19.406	202	355121	3.217	ng/ul	99
20) Pyrene	19.773	202	360923	3.144	ng/ul	96
21) Benzo(a)anthracene	21.521	228	314261	3.686	ng/ul	97
22) Chrysene	21.574	228	452981	5.106	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	724621m	9.571	ng/ul	
25) Benzo(k)fluoranthene	23.284	252	206207m	2.712	ng/ul	
26) Benzo(a)pyrene	23.877	252	373511	5.680	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.552	276	296835	4.133	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.555	278	75547	1.390	ng/ul	92
29) Benzo(g,h,i)perylene	27.343	276	284233	4.449	ng/ul	94

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

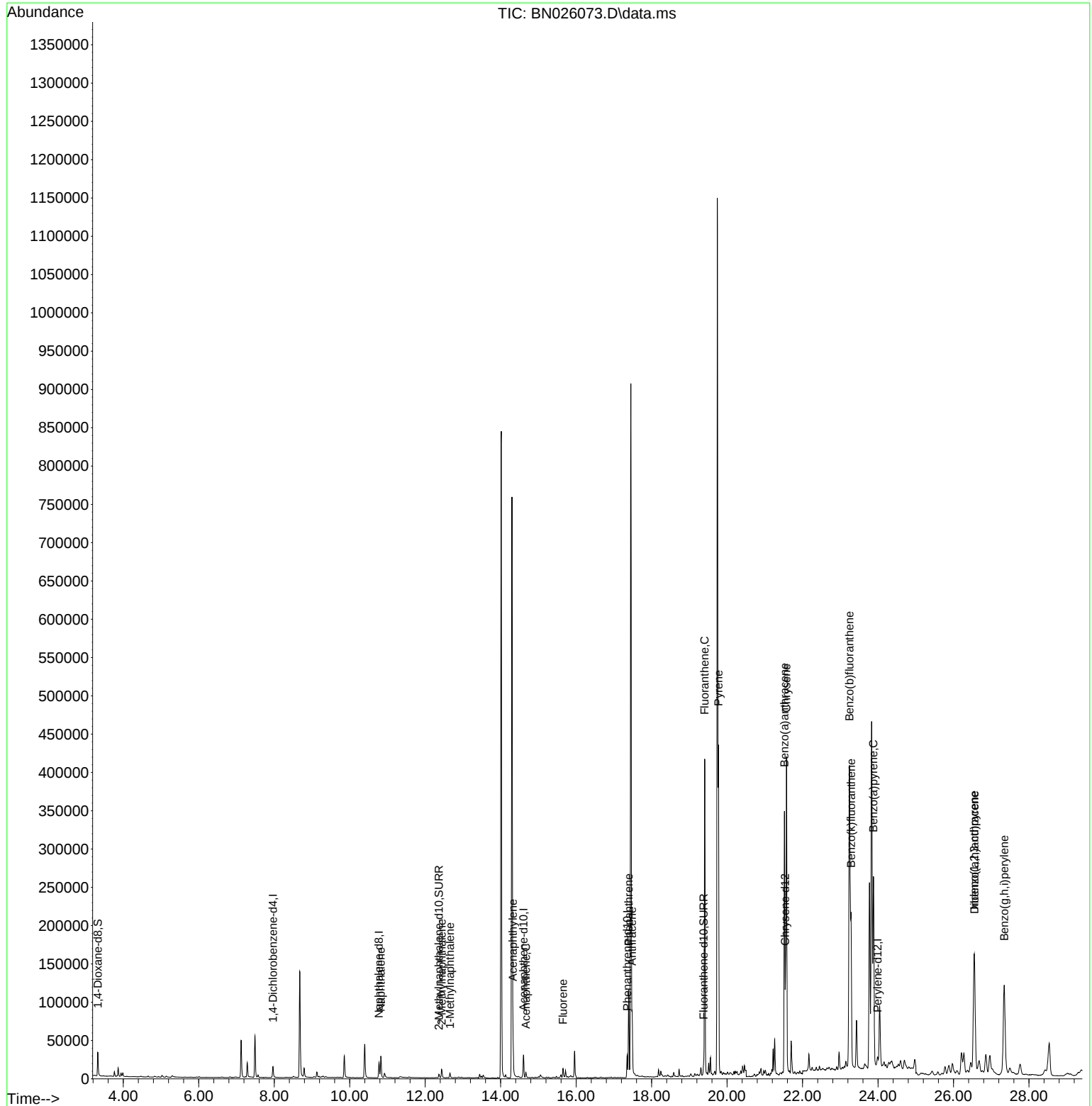
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026073.D
Acq On : 29 Jun 2023 00:44
Operator : MA/JU
Sample : 03142-13
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ALS Vial : 21 Sample Multiplier: 1

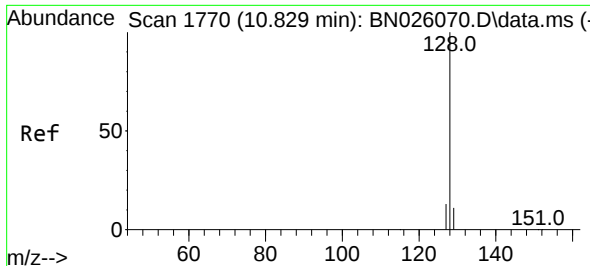
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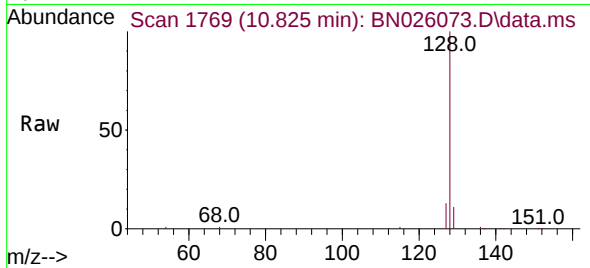
Quant Time: Jun 29 01:59:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.507 ng/ul
RT: 10.825 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

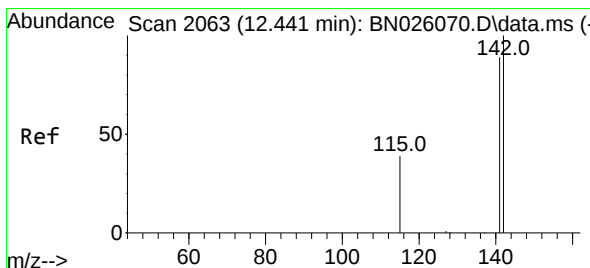
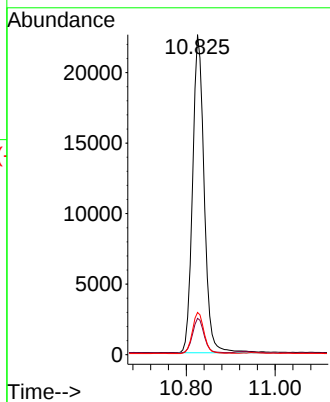
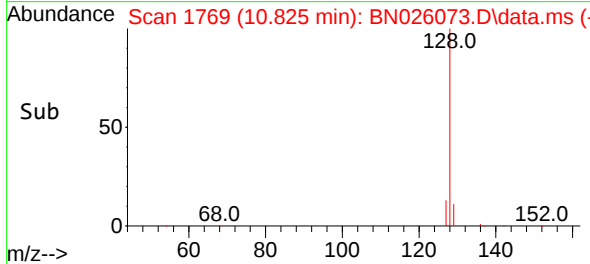
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:128 Resp: 40972
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.7 16.1

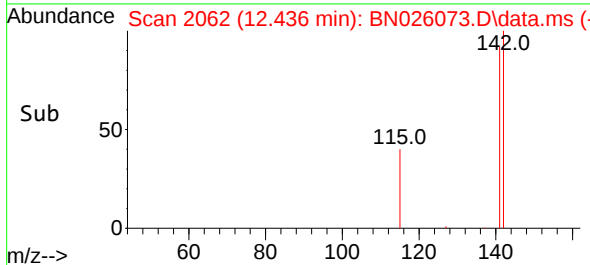
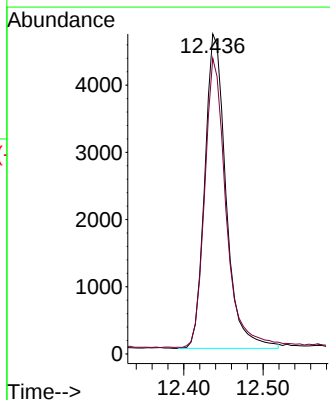
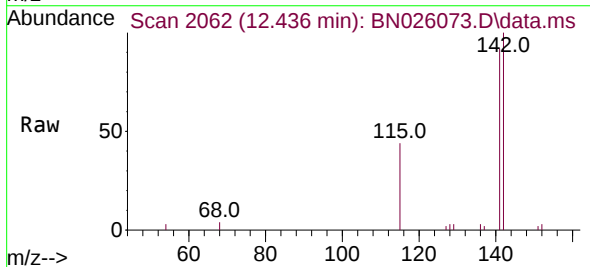
Manual Integrations
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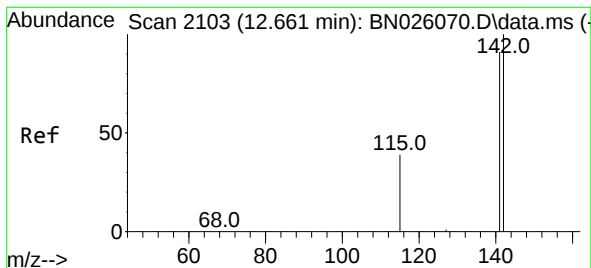
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

Tgt Ion:142 Resp: 8714
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.085 ng/ul

RT: 12.656 min Scan# 2102

Delta R.T. -0.005 min

Lab File: BN026073.D

Acq: 29 Jun 2023 00:44

Instrument :

BNA_N

ClientSampleId :

DCFT0

Tgt Ion:142 Resp: 453

Ion Ratio Lower Upper

142 100

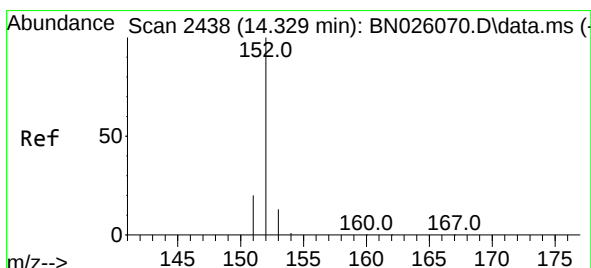
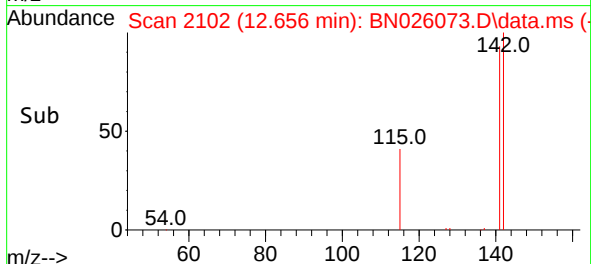
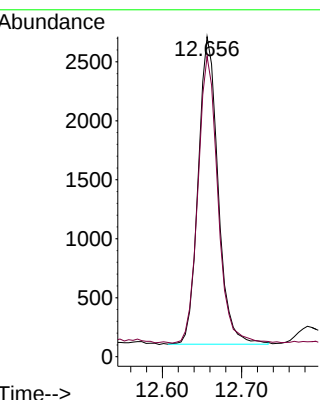
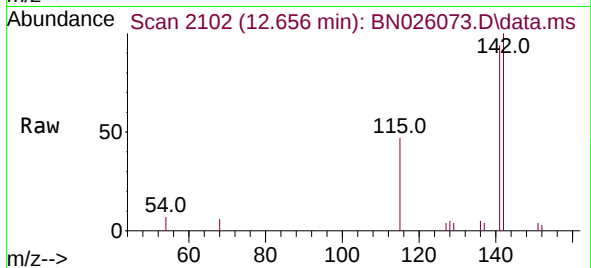
141 93.4 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#10

Acenaphthylene

Concen: 0.623 ng/ul

RT: 14.326 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BN026073.D

Acq: 29 Jun 2023 00:44

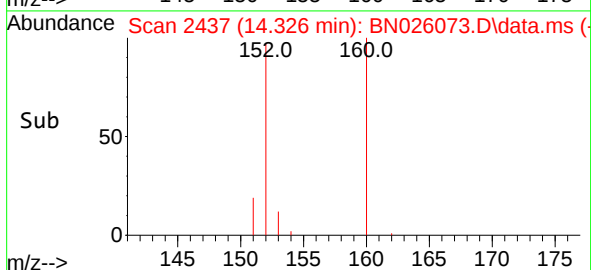
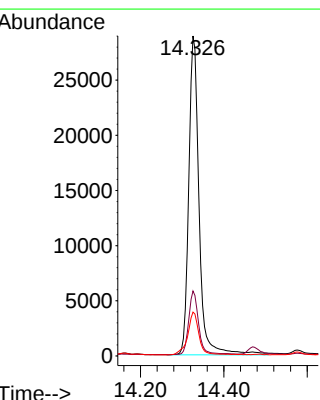
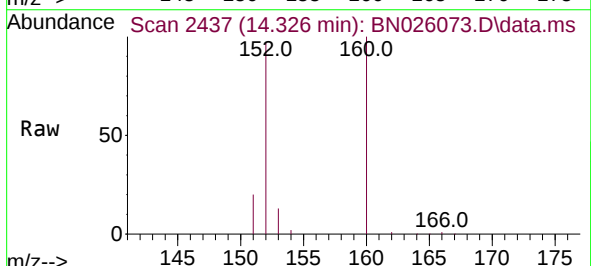
Tgt Ion:152 Resp: 49863

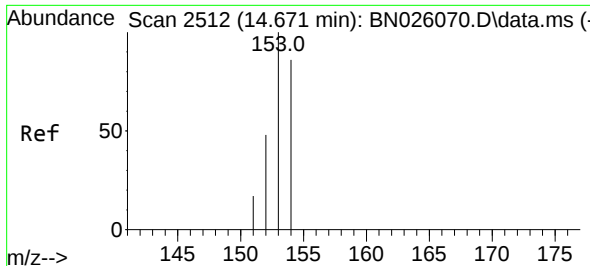
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

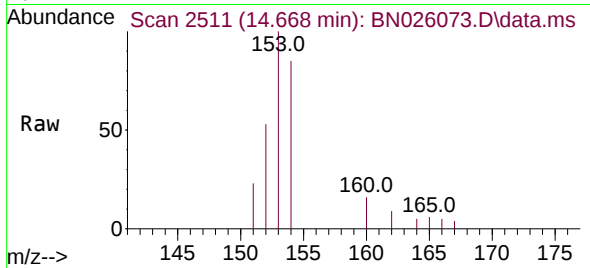
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.064 ng/u1
RT: 14.668 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

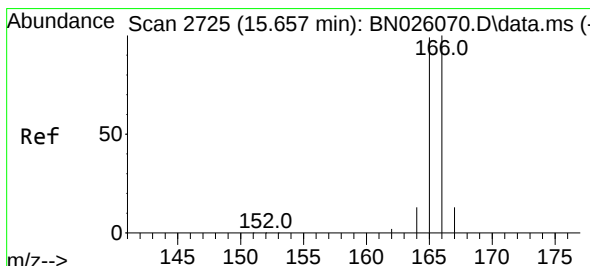
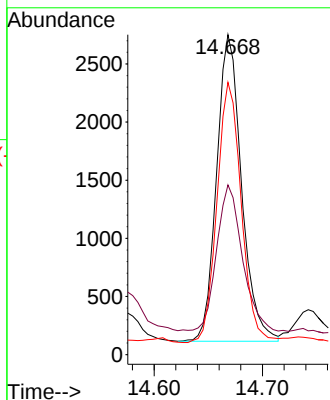
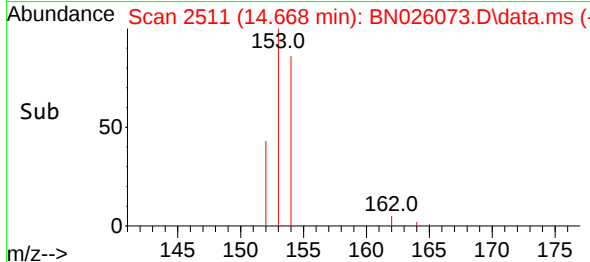
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:153 Resp: 4220
Ion Ratio Lower Upper
153 100
152 53.1 39.4 59.0
154 85.1 68.9 103.3

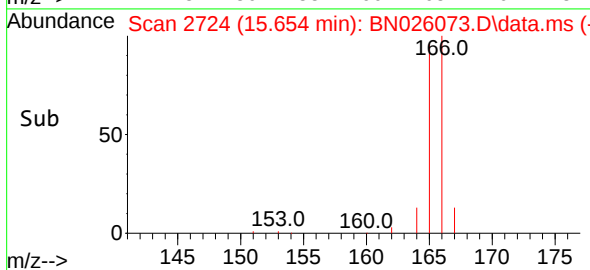
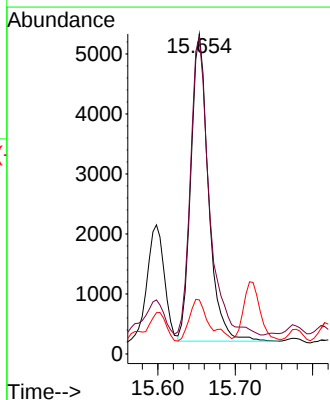
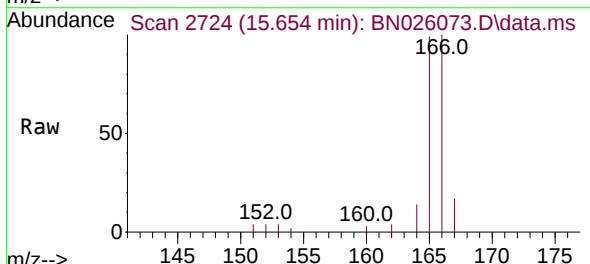
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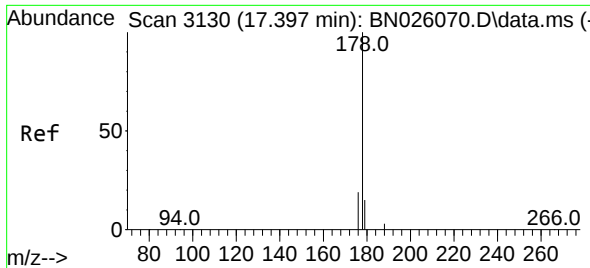
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.107 ng/u1
RT: 15.654 min Scan# 2724
Delta R.T. -0.008 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

Tgt Ion:166 Resp: 8066
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 16.9 10.8 16.2#





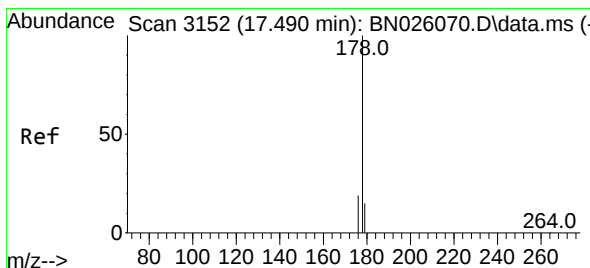
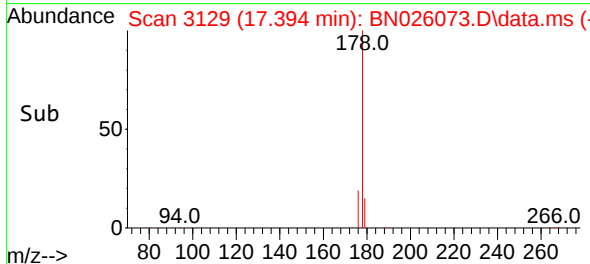
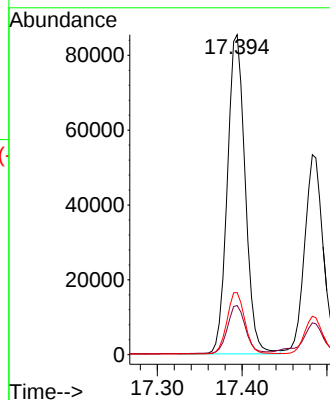
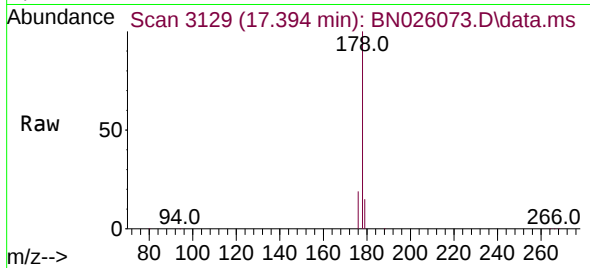
#15
Phenanthrene
Concen: 1.068 ng/u1
RT: 17.394 min Scan# 3130
Delta R.T. -0.007 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

Instrument :
BNA_N
ClientSampleId :
DCFT0

Tgt Ion:178 Resp: 12468
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6

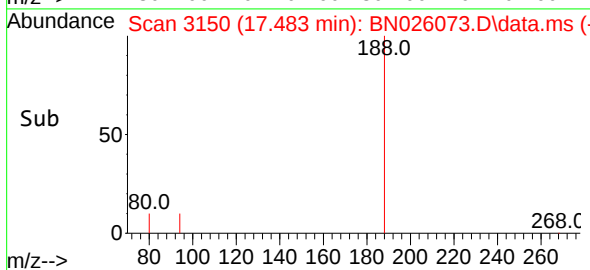
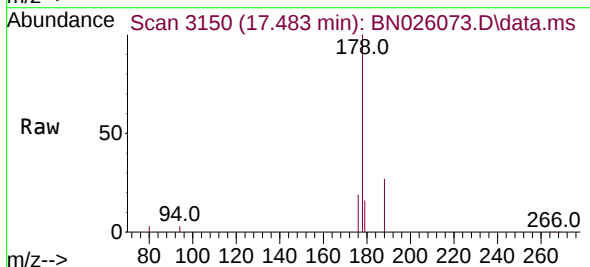
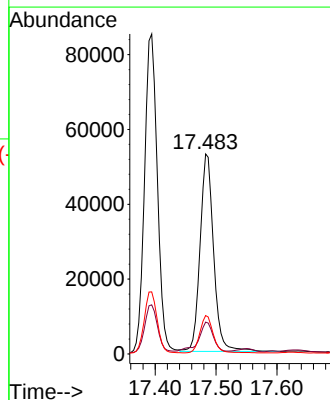
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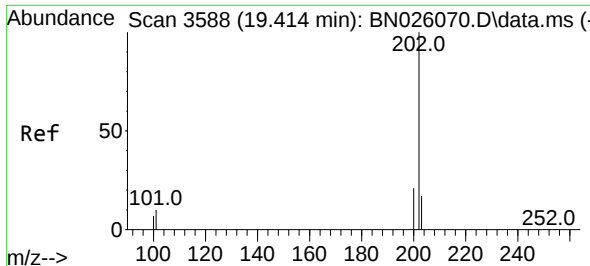
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.790 ng/u1
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

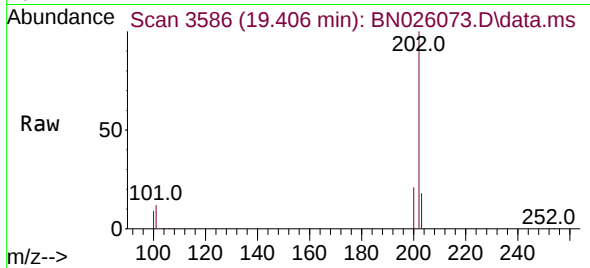
Tgt Ion:178 Resp: 81950
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.2 15.1 22.7





#19
Fluoranthene
Concen: 3.217 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

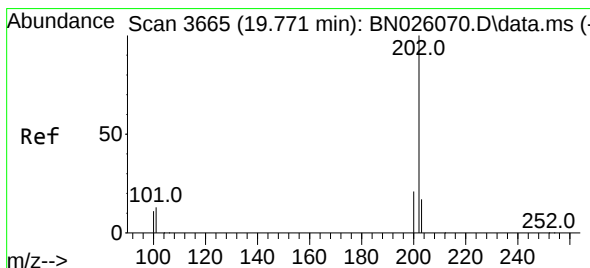
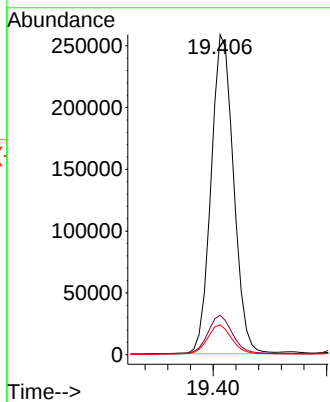
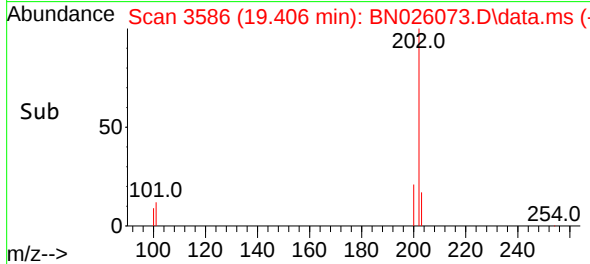
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:202 Resp: 35512
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.3 7.3 10.9

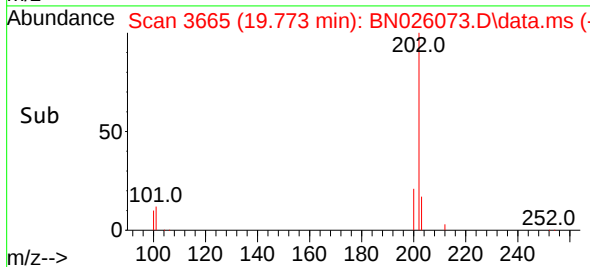
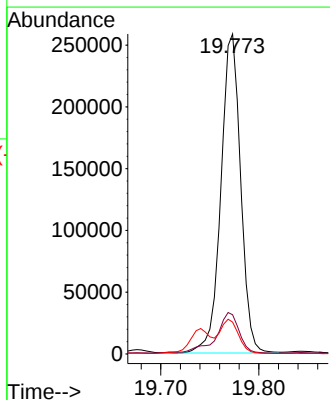
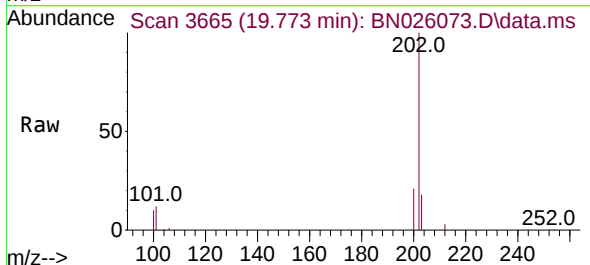
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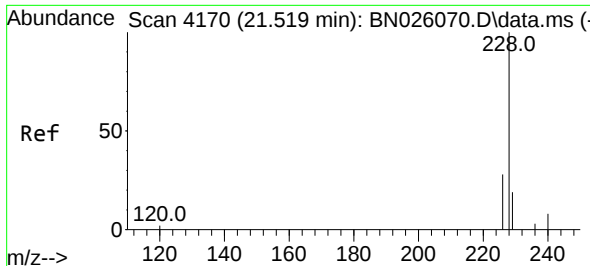
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 3.144 ng/u1
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

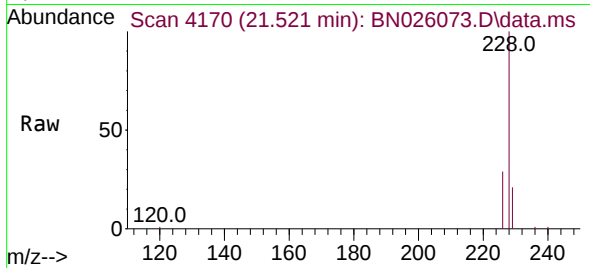
Tgt Ion:202 Resp: 360923
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.686 ng/u1
RT: 21.521 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

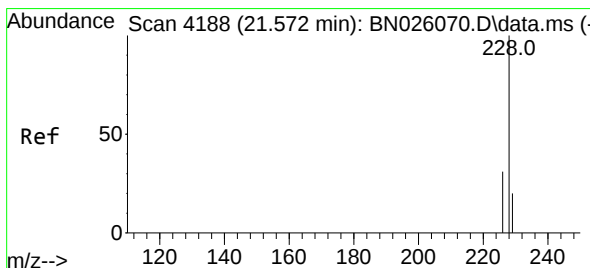
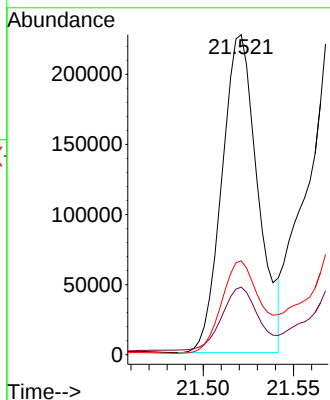
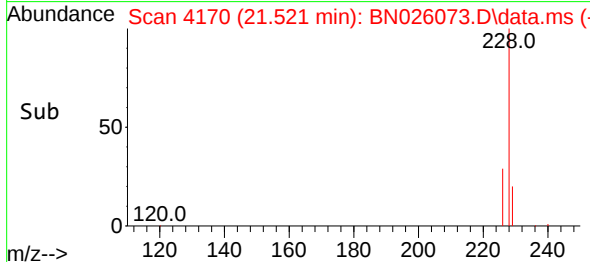
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:228 Resp: 31426
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 29.3 22.5 33.7

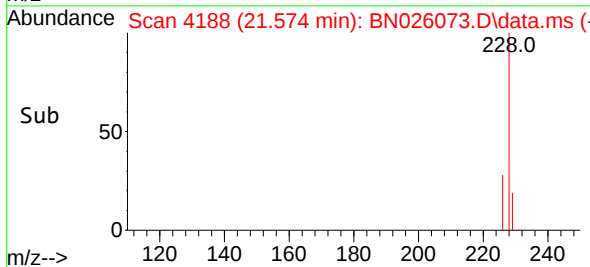
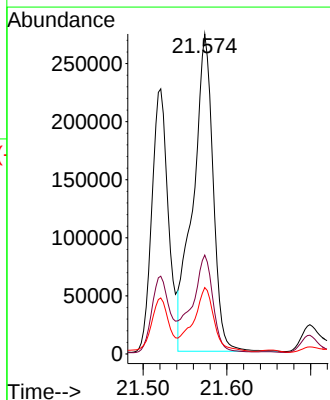
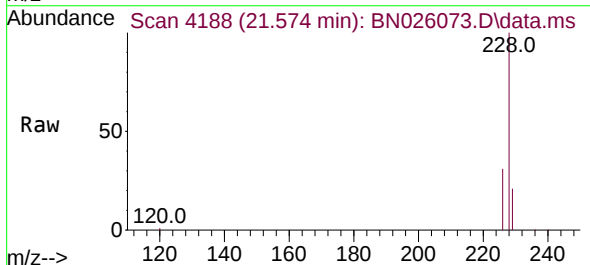
Manual Integrations
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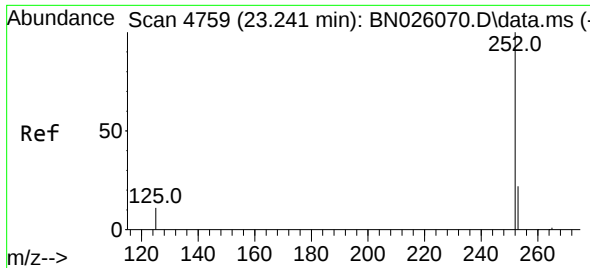
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 5.106 ng/u1
RT: 21.574 min Scan# 4188
Delta R.T. -0.005 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

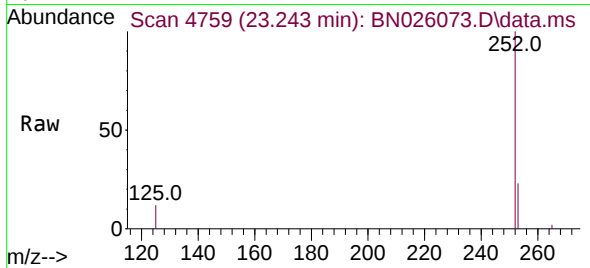
Tgt Ion:228 Resp: 452981
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 20.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 9.571 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.011 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

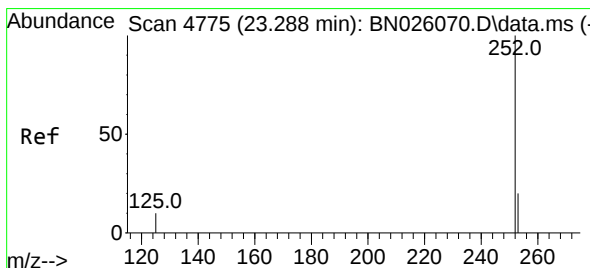
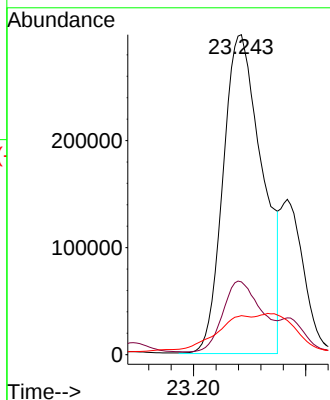
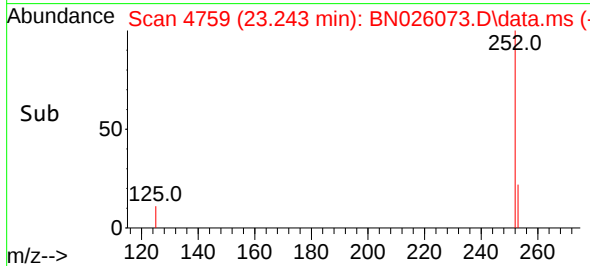
Instrument :
BNA_N
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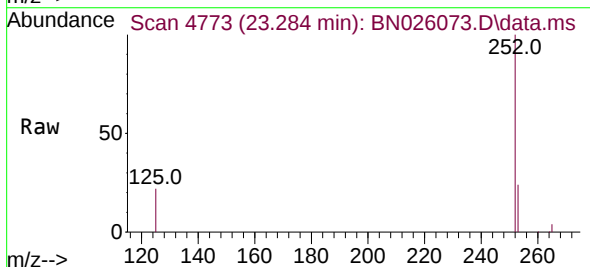
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Ion Ratio Lower Upper
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253 22.8 0.0 55.6
125 12.2 0.0 35.8

Manual Integrations
APPROVED

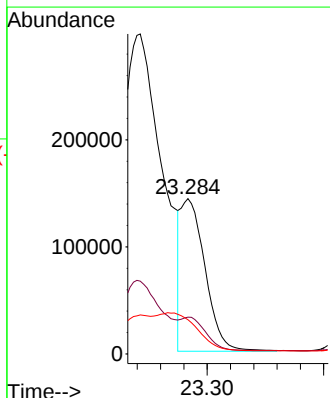
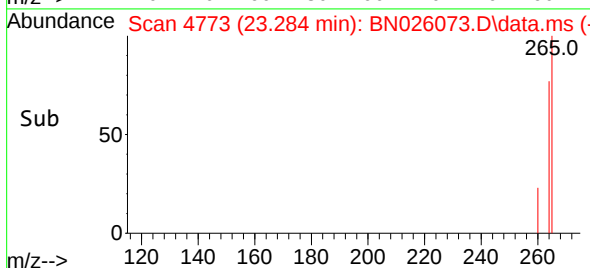
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

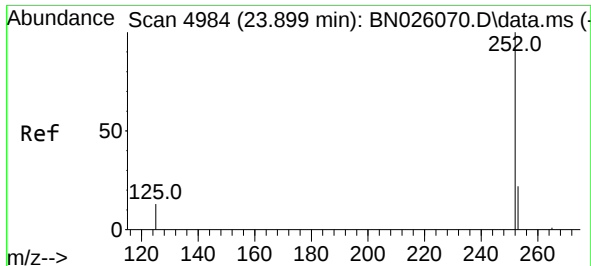


#25
Benzo(k)fluoranthene
Concen: 2.712 ng/ul m
RT: 23.284 min Scan# 4773
Delta R.T. -0.019 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44



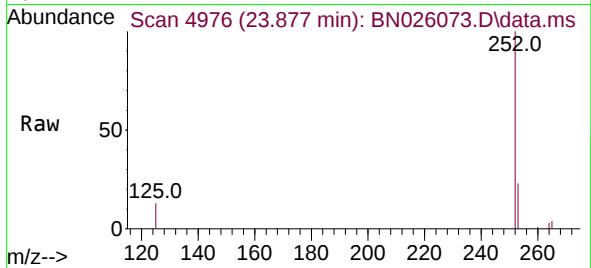
Tgt Ion:252 Resp: 206207
Ion Ratio Lower Upper
252 100
253 23.7 23.2 34.8
125 22.1 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.680 ng/ul
RT: 23.877 min Scan# 4976
Delta R.T. -0.028 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

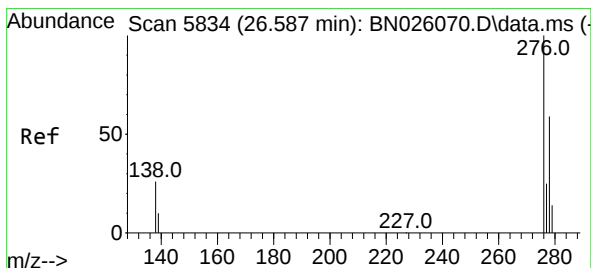
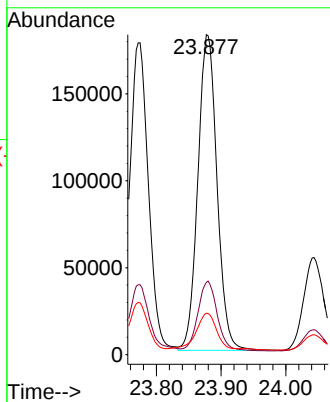
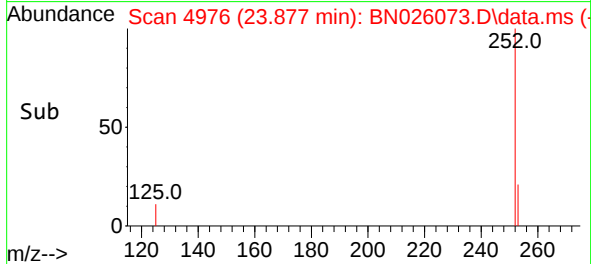
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:252 Resp: 37351
Ion Ratio Lower Upper
252 100
253 22.6 26.0 39.0
125 13.0 17.3 25.9

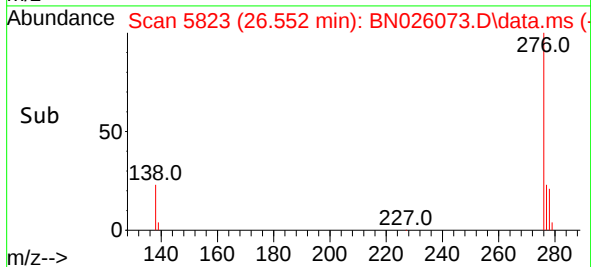
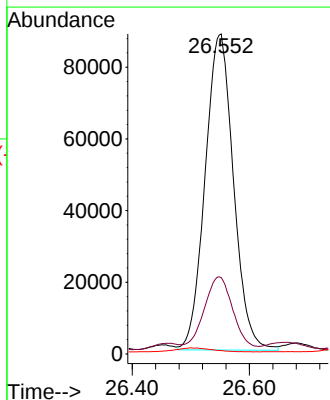
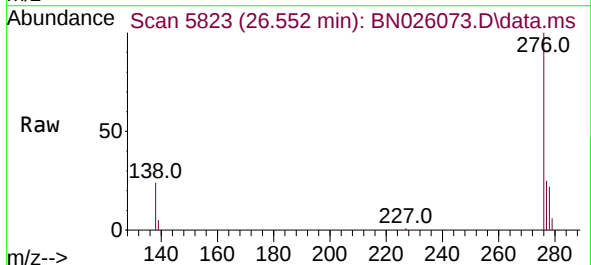
Manual Integrations
APPROVED

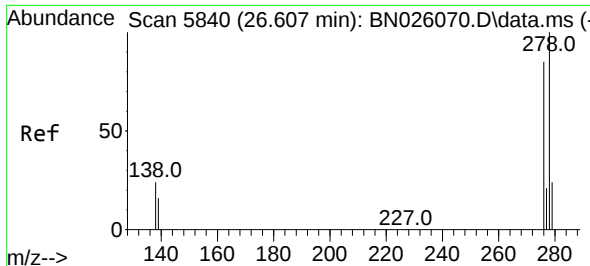
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.133 ng/ul
RT: 26.552 min Scan# 5823
Delta R.T. -0.043 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

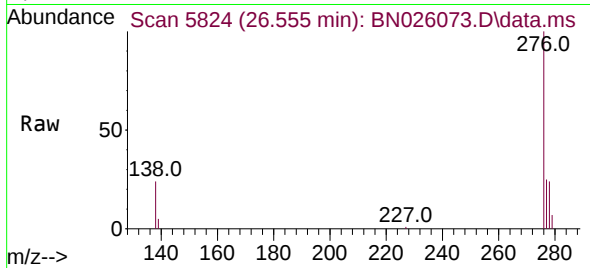
Tgt Ion:276 Resp: 296835
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.390 ng/ul
RT: 26.555 min Scan# 5824
Delta R.T. -0.059 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

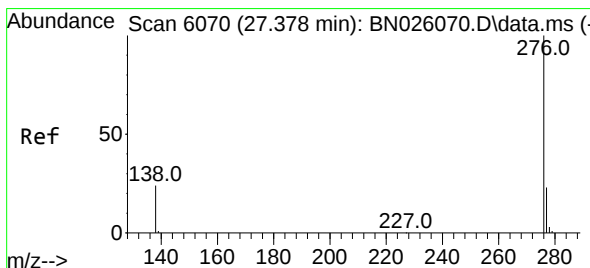
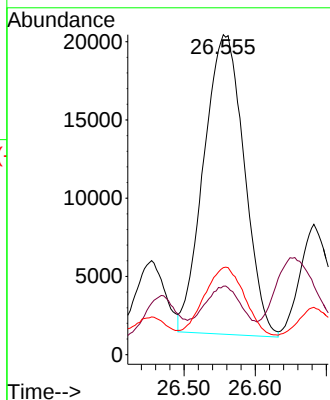
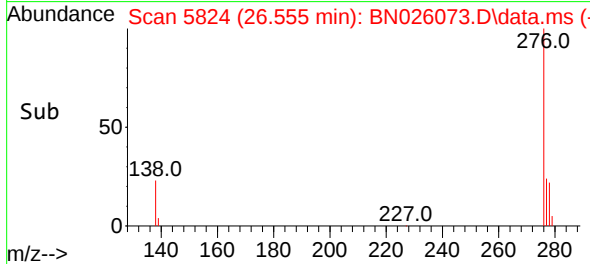
Instrument :
BNA_N
ClientSampleId :
DCFT0



Tgt Ion:278 Resp: 7554
Ion Ratio Lower Upper
278 100
139 21.4 19.0 28.4
279 27.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 4.449 ng/ul
RT: 27.343 min Scan# 6059
Delta R.T. -0.043 min
Lab File: BN026073.D
Acq: 29 Jun 2023 00:44

Tgt Ion:276 Resp: 284233
Ion Ratio Lower Upper
276 100
138 24.4 23.4 35.0
277 24.0 20.0 30.0

