

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026610.D
 Acq On : 21 Jul 2023 02:55
 Operator : MA/JU
 Sample : 03501-03DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:44:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1850	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.641	136	6622	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.472	164	4266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	10194	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	9887	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	9208	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	725	0.298	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	486	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	1665	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.691	128	1004	0.055	ng/ul#	70
7) 2-Methylnaphthalene	12.319	142	309	0.030	ng/ul	97
8) 1-Methylnaphthalene	12.528	142	260	0.024	ng/ul	98
10) Acenaphthylene	14.194	152	1050	0.050	ng/ul#	82
11) Acenaphthene	14.536	153	935	0.059	ng/ul	97
12) Fluorene	15.526	166	1170	0.070	ng/ul#	97
15) Phenanthrene	17.261	178	18899	0.582	ng/ul	98
16) Anthracene	17.358	178	2148	0.076	ng/ul#	83
19) Fluoranthene	19.278	202	35173	0.759	ng/ul	98
20) Pyrene	19.641	202	19011	0.378	ng/ul#	96
21) Benzo(a)anthracene	21.393	228	13120	0.361	ng/ul	99
22) Chrysene	21.448	228	13480	0.326	ng/ul	97
24) Benzo(b)fluoranthene	23.062	252	16869m	0.470	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	6745m	0.179	ng/ul	
26) Benzo(a)pyrene	23.673	252	1160	0.036	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	26.237	276	3656	0.087	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.251	278	1636	0.051	ng/ul#	28

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

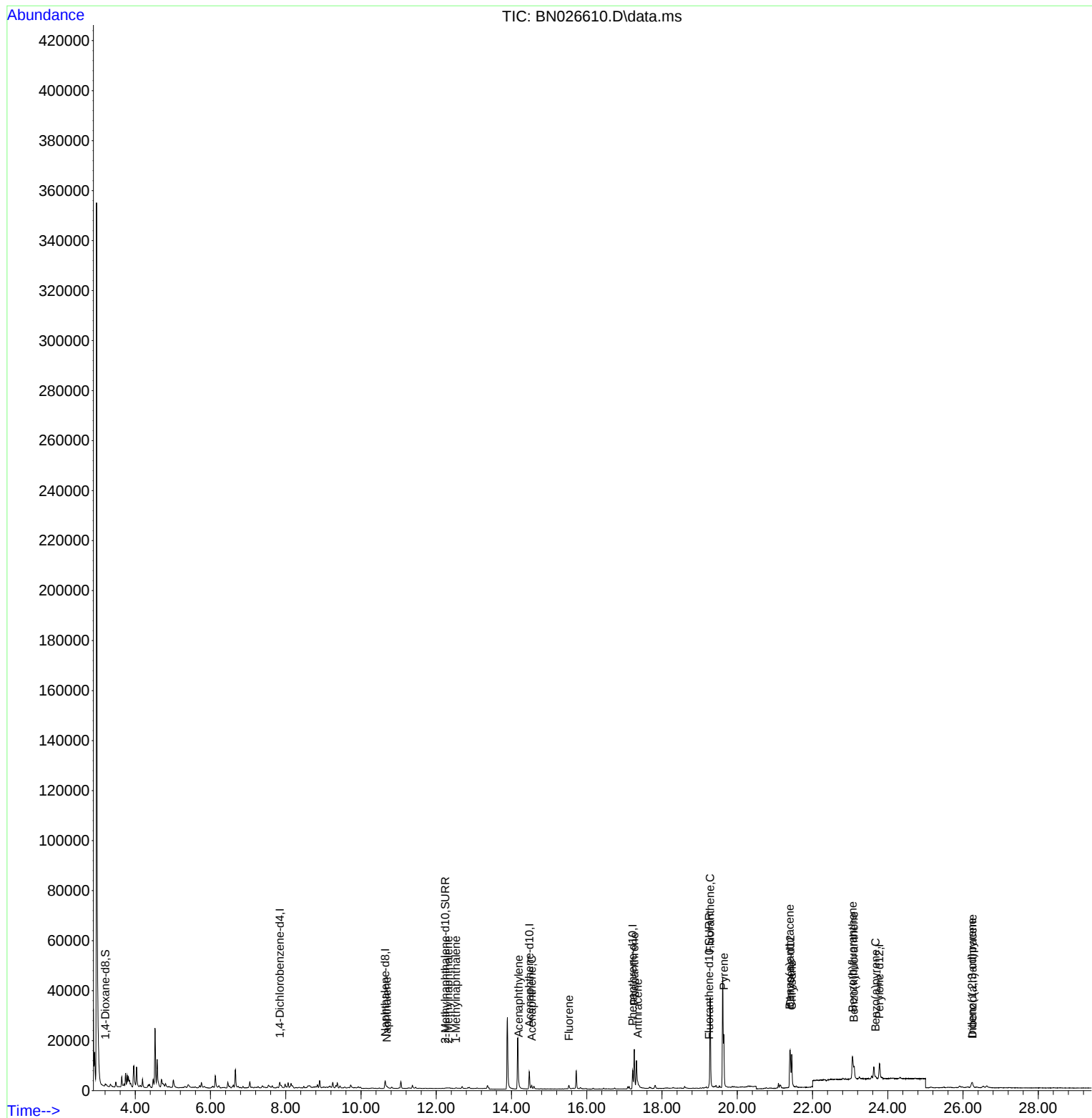
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026610.D
Acq On : 21 Jul 2023 02:55
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Sample : 03501-03DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

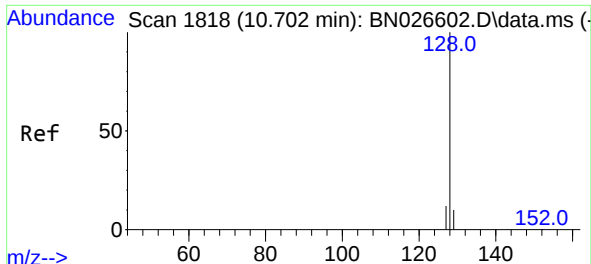
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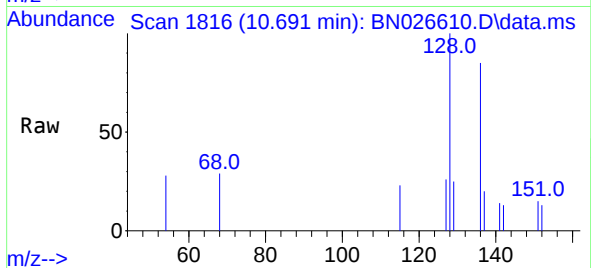
Quant Time: Jul 21 03:44:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.691 min Scan# 1816
Delta R.T. -0.011 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

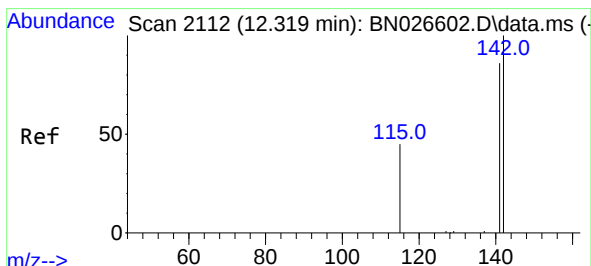
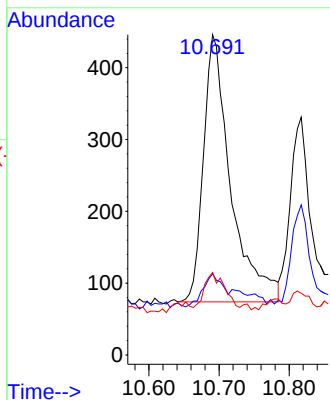
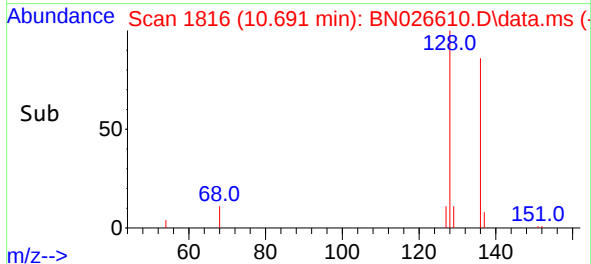
Instrument :
BNA_N
ClientSampleId :
A46T9DL



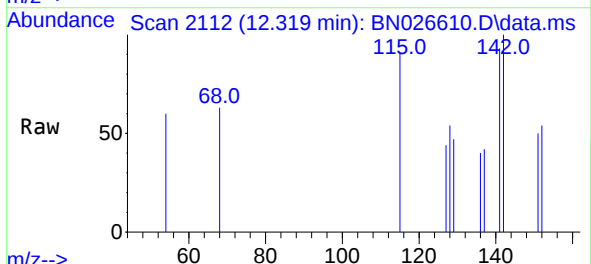
Tgt Ion:128 Resp: 1004
Ion Ratio Lower Upper
128 100
129 25.3 10.2 15.2
127 25.8 11.4 17.0

Manual Integrations
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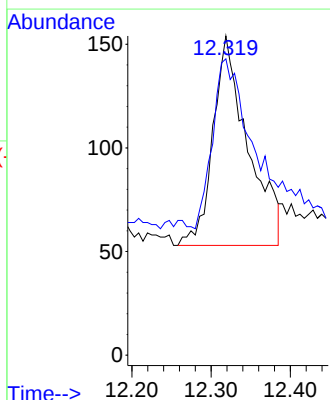
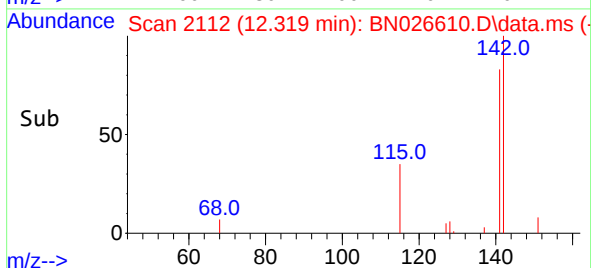
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

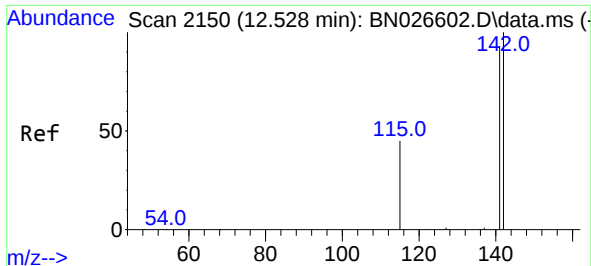


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.319 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



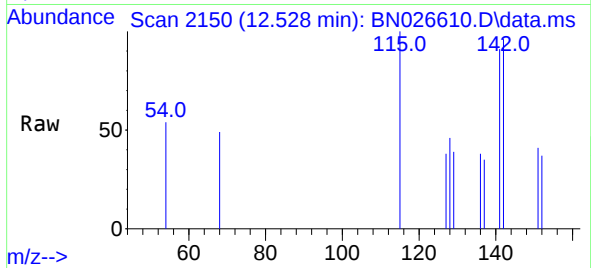
Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
141 87.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.024 ng/u1
RT: 12.528 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

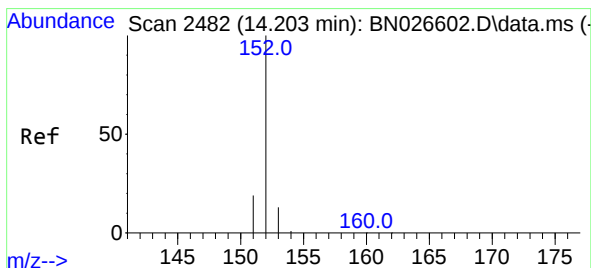
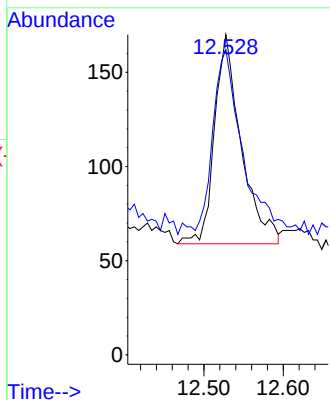
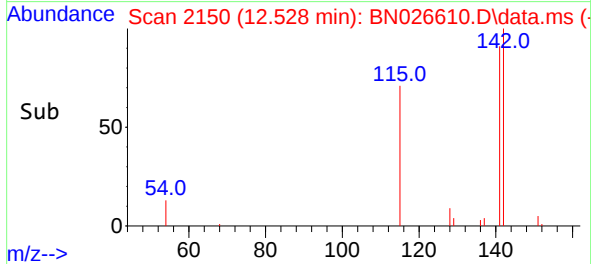
Instrument :
BNA_N
ClientSampleId :
A46T9DL



Tgt Ion:142 Resp: 260
Ion Ratio Lower Upper
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141 91.2 74.5 111.7

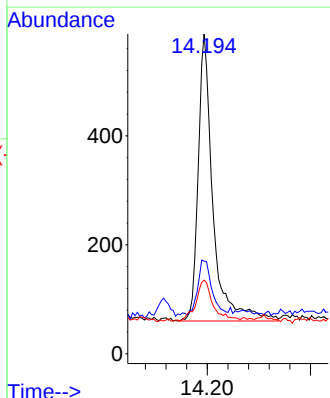
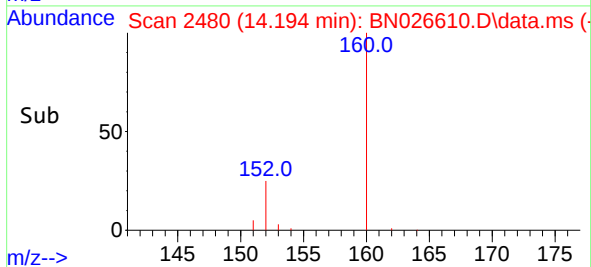
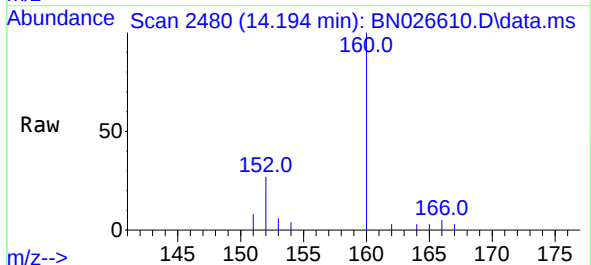
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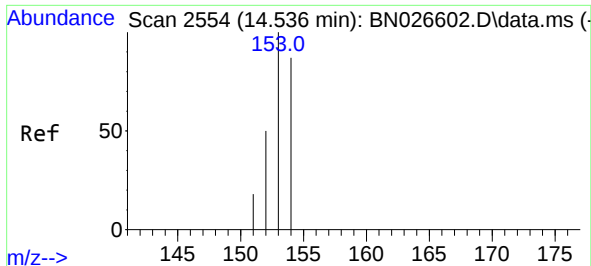
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.050 ng/u1
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

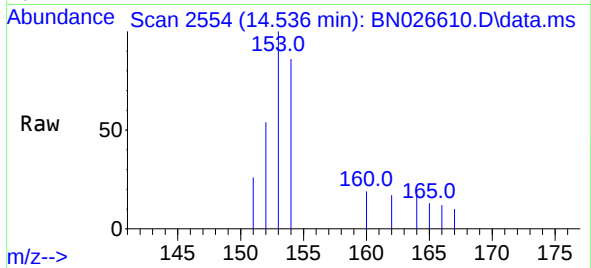
Tgt Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
151 29.0 17.0 25.6#
153 23.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.059 ng/u1
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

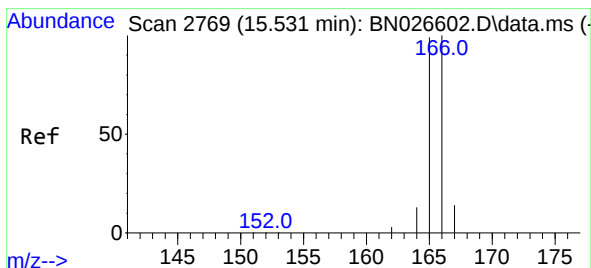
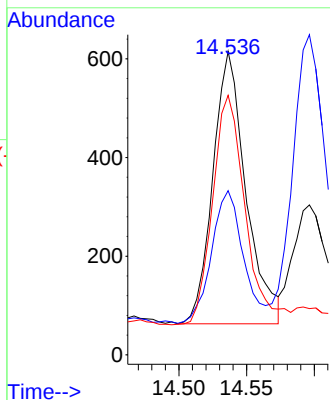
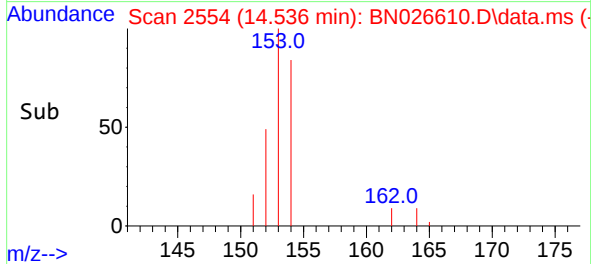
Instrument :
BNA_N
ClientSampleId :
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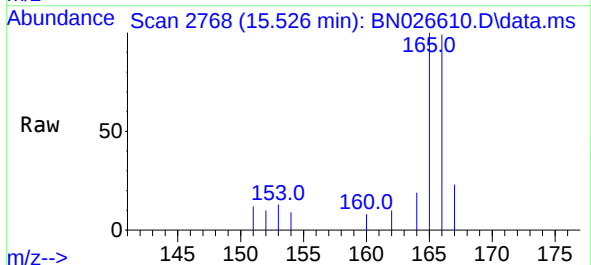
Tgt Ion:153 Resp: 938
Ion Ratio Lower Upper
153 100
152 54.1 40.2 60.4
154 85.5 69.3 103.9

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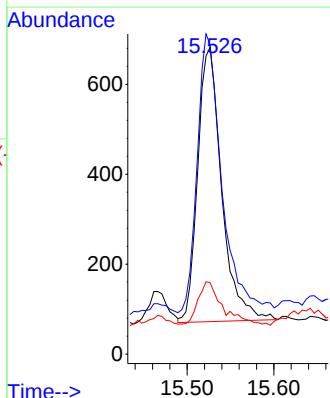
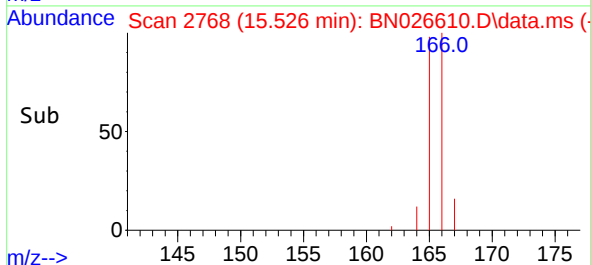
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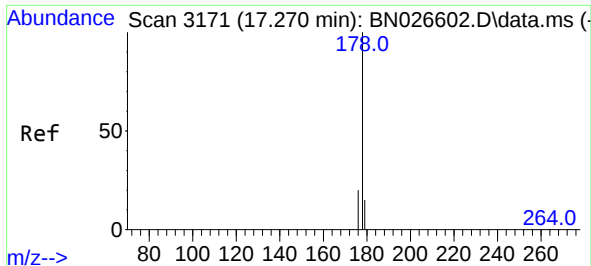


#12
Fluorene
Concen: 0.070 ng/u1
RT: 15.526 min Scan# 2768
Delta R.T. -0.005 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



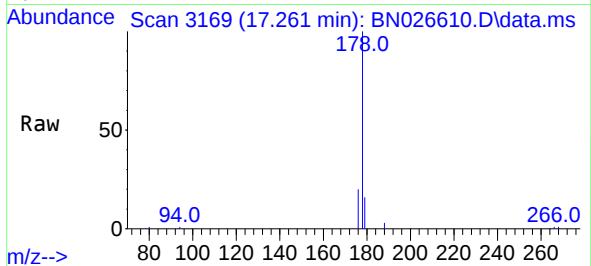
Tgt Ion:166 Resp: 1170
Ion Ratio Lower Upper
166 100
165 100.9 80.6 120.8
167 23.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.582 ng/u1
RT: 17.261 min Scan# 3171
Delta R.T. -0.009 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

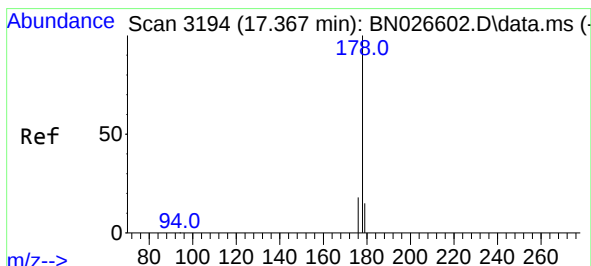
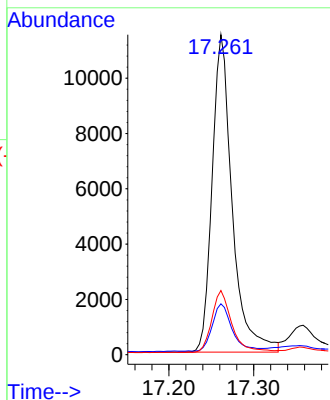
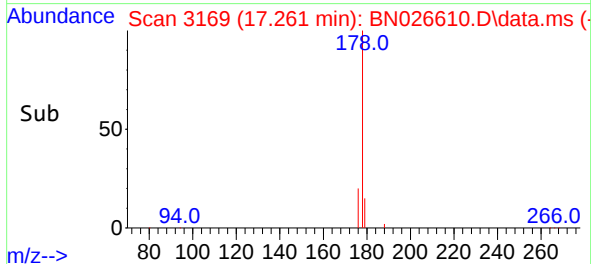
Instrument :
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A46T9DL



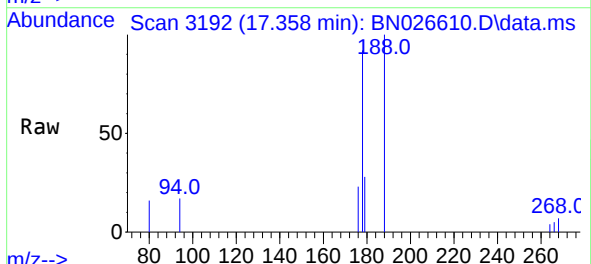
Tgt Ion:178 Resp: 1889
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 20.1 16.5 24.7

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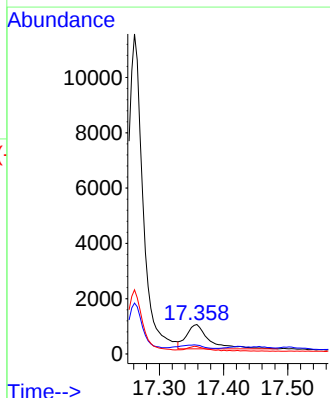
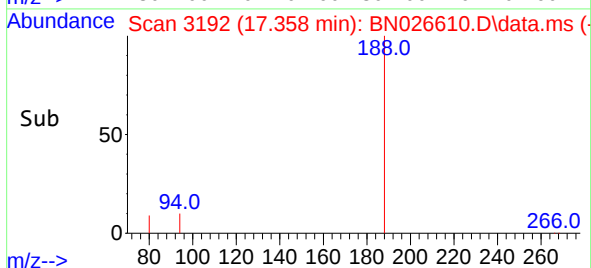
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

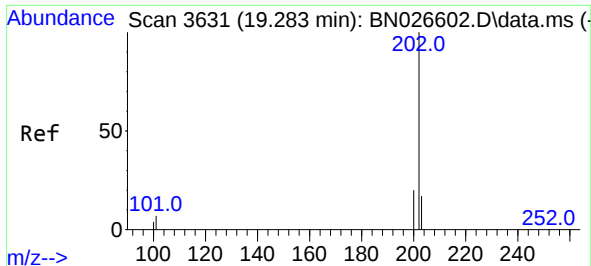


#16
Anthracene
Concen: 0.076 ng/u1
RT: 17.358 min Scan# 3192
Delta R.T. -0.009 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



Tgt Ion:178 Resp: 2148
Ion Ratio Lower Upper
178 100
179 30.0 14.8 22.2#
176 24.8 16.6 25.0





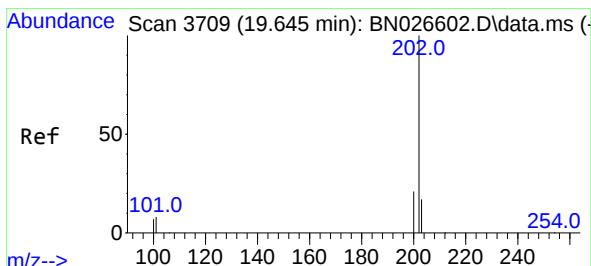
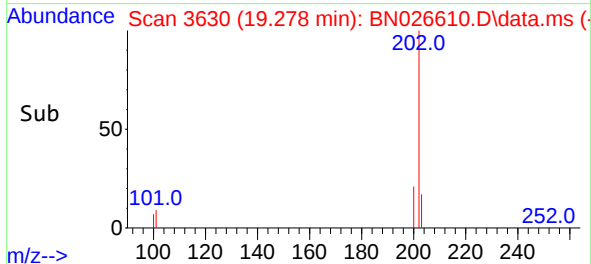
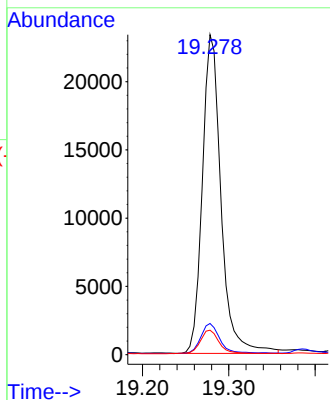
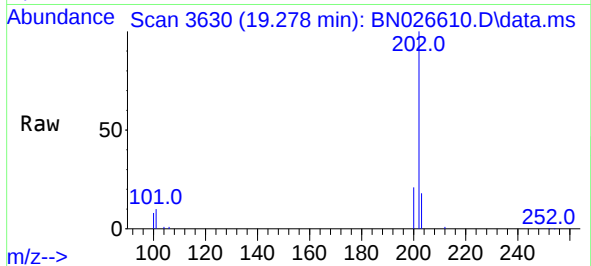
#19
Fluoranthene
Concen: 0.759 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

Instrument :
BNA_N
ClientSampleId :
A46T9DL

Tgt Ion:202 Resp: 3517
Ion Ratio Lower Upper
202 100
101 9.8 7.0 10.4
100 7.7 6.0 9.0

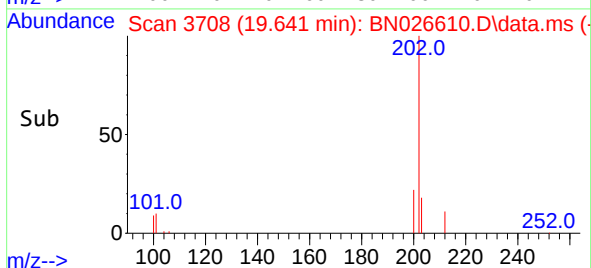
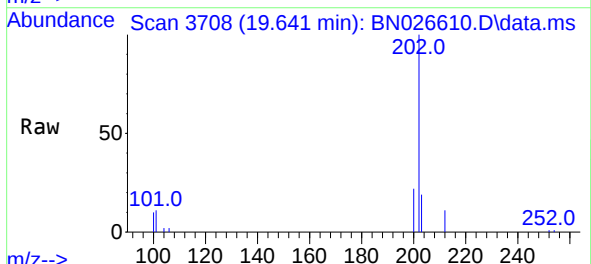
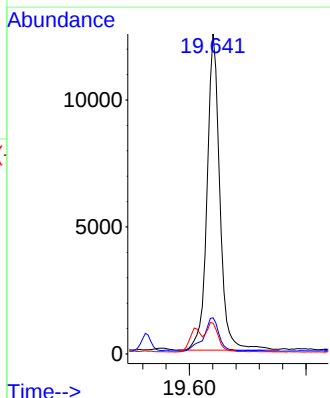
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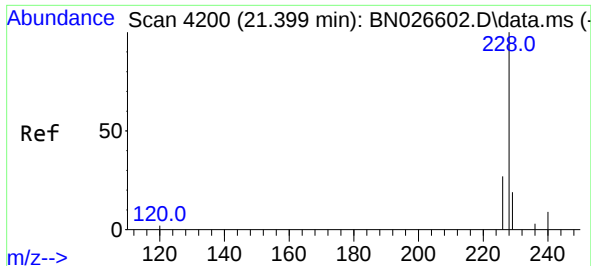
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

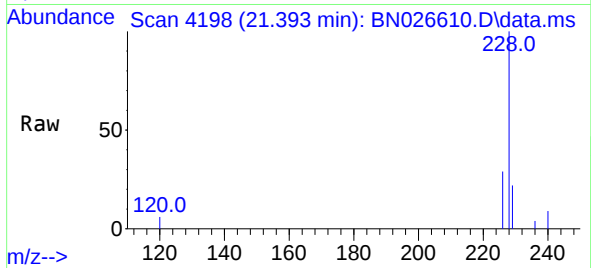
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Ion Ratio Lower Upper
202 100
101 11.3 8.0 12.0
100 9.7 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.361 ng/u1
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

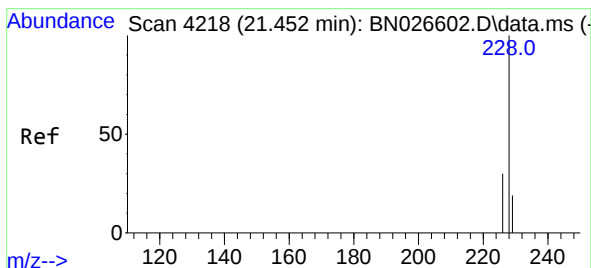
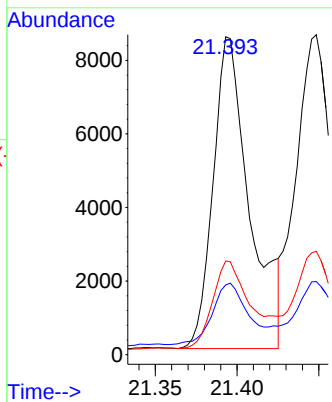
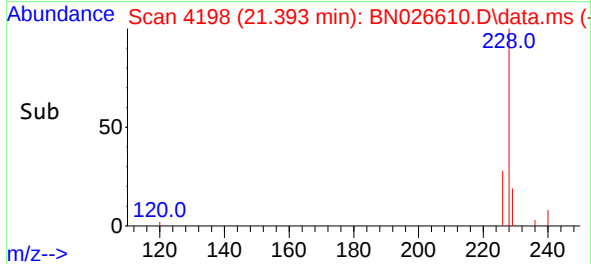
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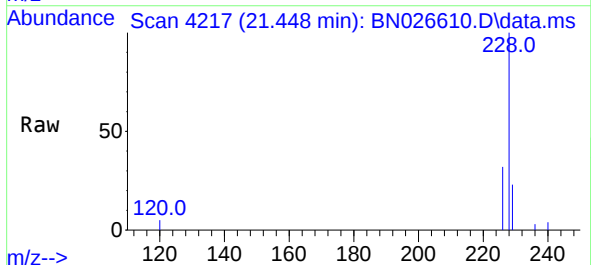
Tgt Ion:228 Resp: 13120
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 29.5 23.5 35.3

Manual Integrations
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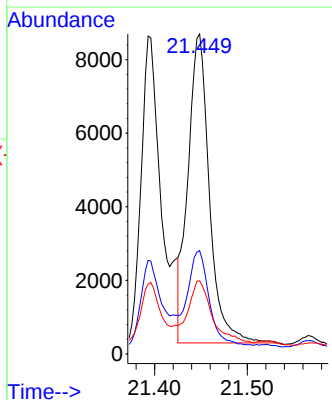
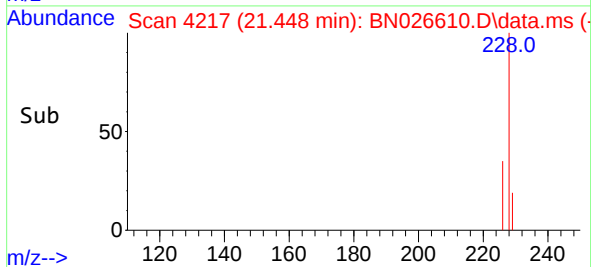
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

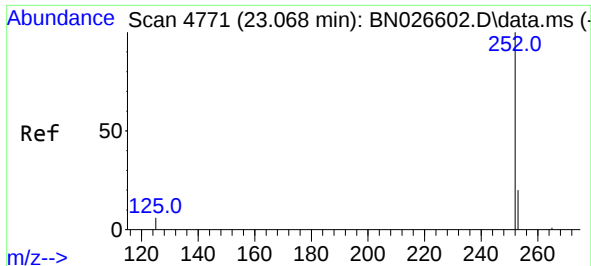


#22
Chrysene
Concen: 0.326 ng/u1
RT: 21.448 min Scan# 4217
Delta R.T. -0.003 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



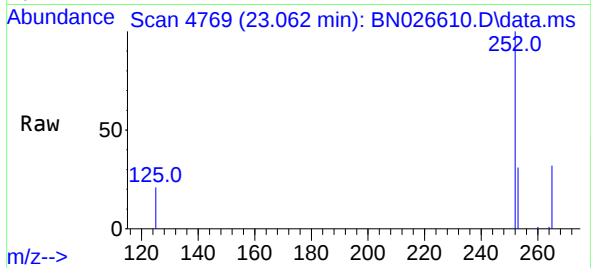
Tgt Ion:228 Resp: 13480
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul m
RT: 23.062 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

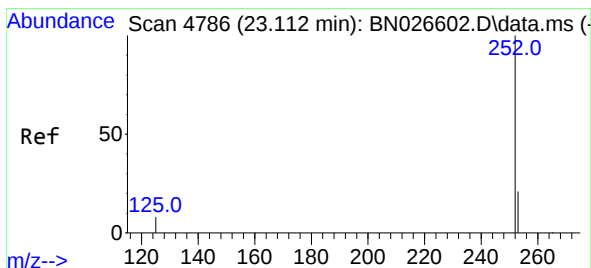
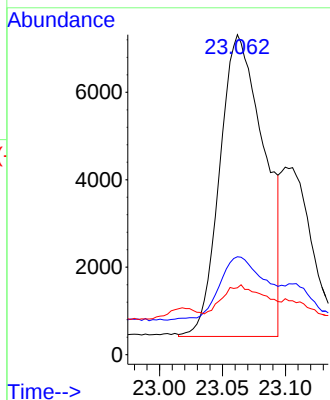
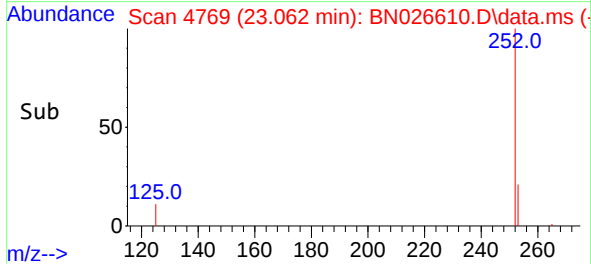
Instrument :
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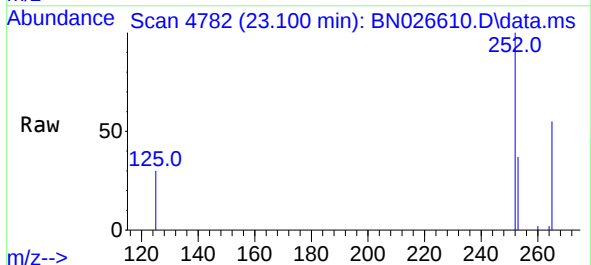
Tgt Ion:252 Resp: 1686
Ion Ratio Lower Upper
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253 30.6 0.0 68.6
125 20.9 0.0 34.0

Manual Integrations
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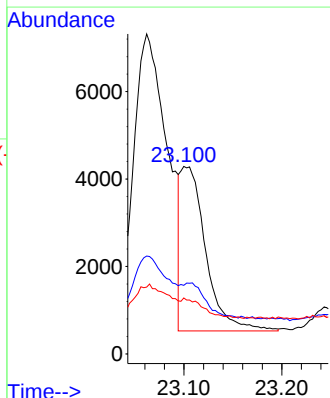
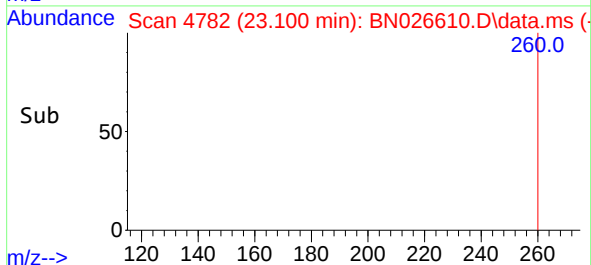
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

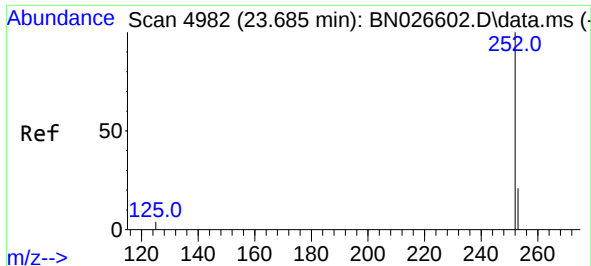


#25
Benzo(k)fluoranthene
Concen: 0.179 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.012 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



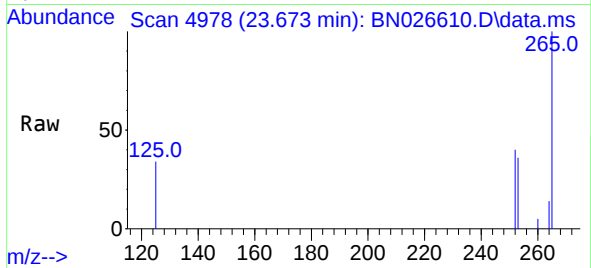
Tgt Ion:252 Resp: 6745
Ion Ratio Lower Upper
252 100
253 36.6 27.2 40.8
125 29.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.036 ng/u1
RT: 23.673 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55

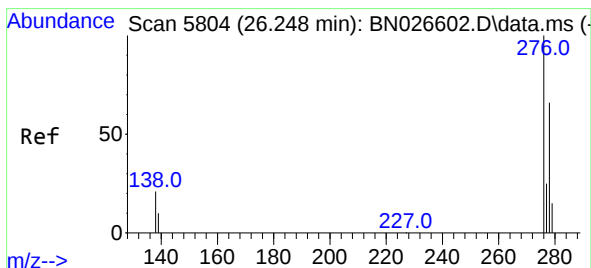
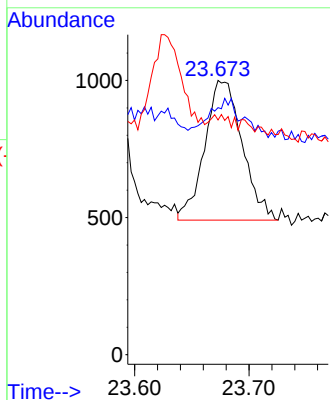
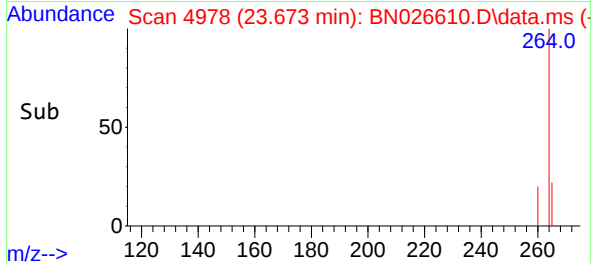
Instrument :
BNA_N
ClientSampleId :
A46T9DL



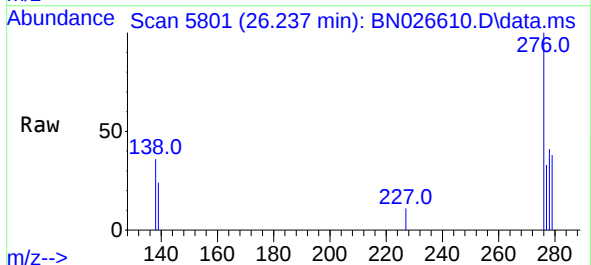
Tgt Ion:252 Resp: 1160
Ion Ratio Lower Upper
252 100
253 90.1 32.6 49.0
125 85.6 19.3 28.9

Manual Integrations
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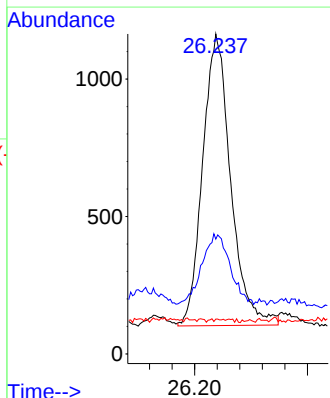
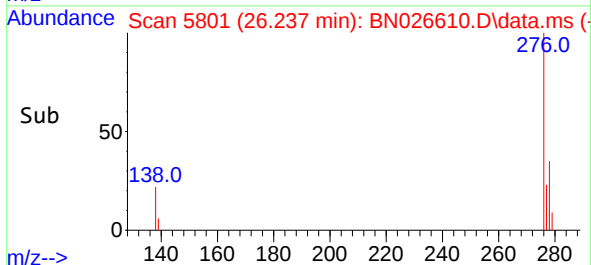
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

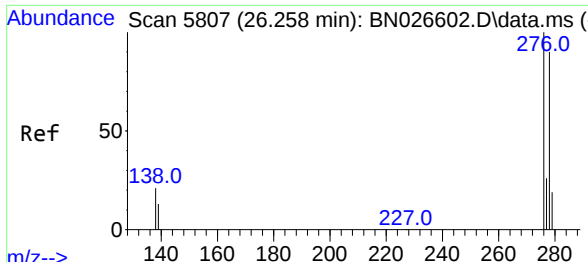


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/u1
RT: 26.237 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BN026610.D
Acq: 21 Jul 2023 02:55



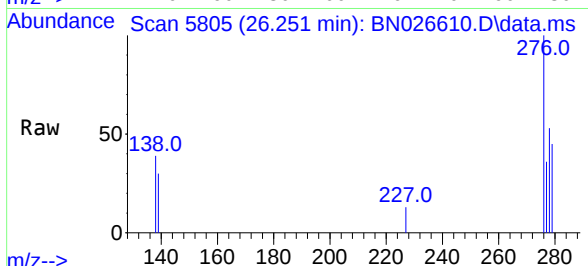
Tgt Ion:276 Resp: 3656
Ion Ratio Lower Upper
276 100
138 25.5 22.2 33.4
227 0.2 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 26.251 min Scan# 5805
 Delta R.T. -0.007 min
 Lab File: BN026610.D
 Acq: 21 Jul 2023 02:55

Instrument :
 BNA_N
 ClientSampleId :
 A46T9DL



Tgt Ion:278 Resp: 1630
 Ion Ratio Lower Upper
 278 100
 139 56.1 18.9 28.3
 279 84.9 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

