

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026664.D
 Acq On : 22 Jul 2023 21:00
 Operator : MA/JU
 Sample : 03504-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:30:10 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	3900	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	12235	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.467	164	6927	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	13653	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.413	240	6872	0.400	ng/ul	#-0.01
23) Perylene-d12	23.781	264	7707	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	13117	2.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	6925	0.416	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	9676	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	9698	0.289	ng/ul	98
7) 2-Methylnaphthalene	12.297	142	5830	0.306	ng/ul	98
8) 1-Methylnaphthalene	12.511	142	3830	0.188	ng/ul	95
10) Acenaphthylene	14.189	152	5664	0.167	ng/ul#	95
11) Acenaphthene	14.532	153	7911	0.306	ng/ul	100
12) Fluorene	15.517	166	11742	0.433	ng/ul	99
15) Phenanthrene	17.257	178	135783	3.123	ng/ul	97
16) Anthracene	17.350	178	9433	0.250	ng/ul	96
19) Fluoranthene	19.278	202	168185	5.221	ng/ul	99
20) Pyrene	19.641	202	23780	0.680	ng/ul#	93
21) Benzo(a)anthracene	21.396	228	40178	1.591	ng/ul	97
22) Chrysene	21.448	228	37187	1.294	ng/ul#	95
24) Benzo(b)fluoranthene	23.062	252	38841m	1.294	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	20882m	0.664	ng/ul	
26) Benzo(a)pyrene	23.679	252	1198	0.045	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.241	276	4344	0.124	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.251	278	6213	0.231	ng/ul#	53

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

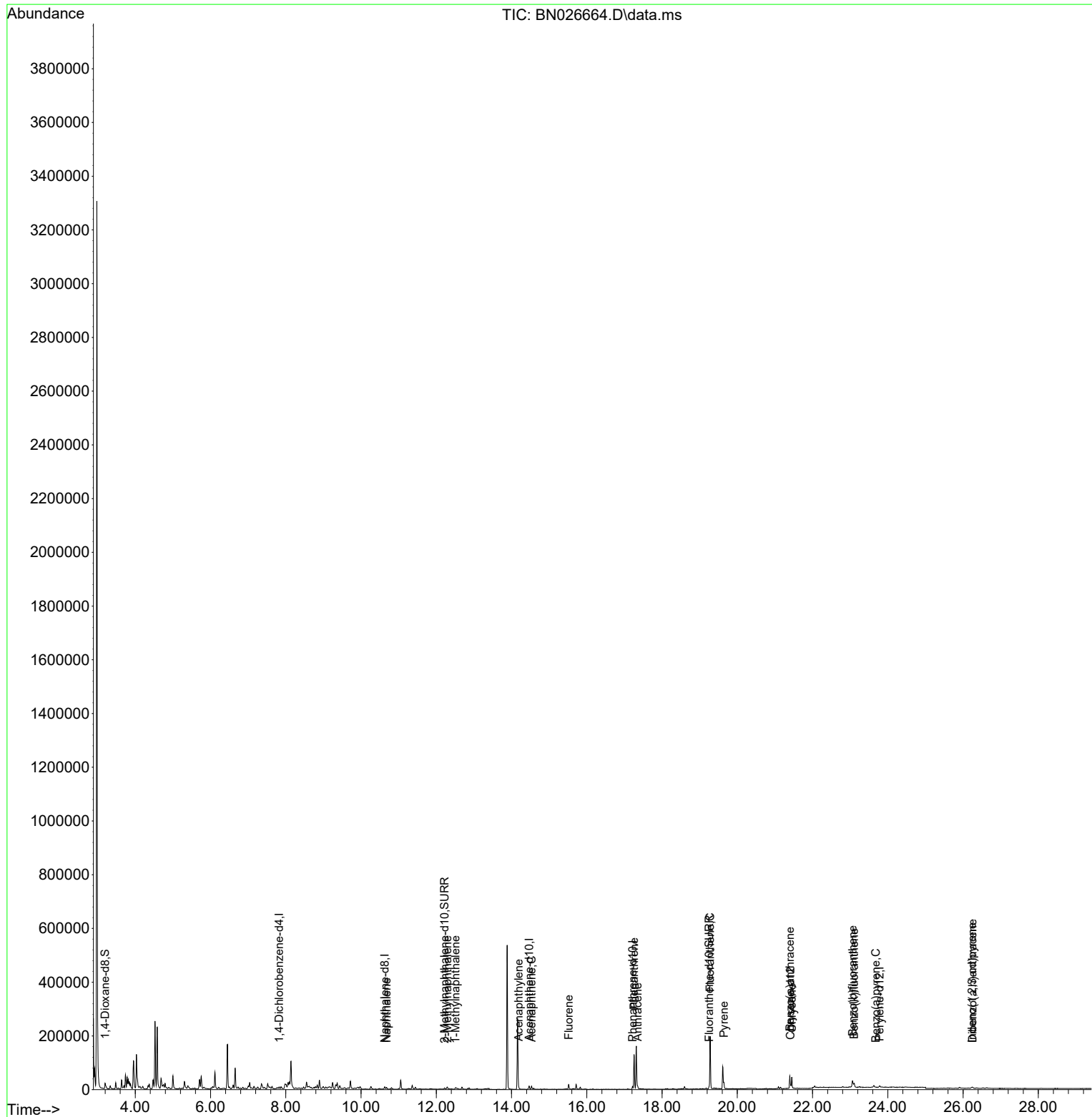
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026664.D
Acq On : 22 Jul 2023 21:00
Operator : MA/JU
Sample : 03504-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

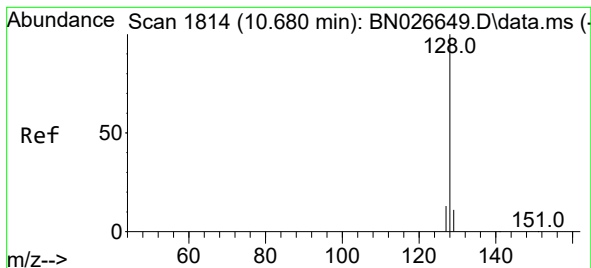
Instrument :
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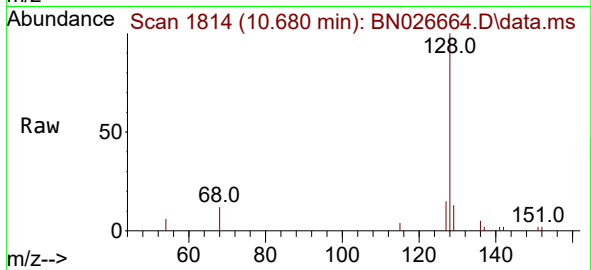
Quant Time: Jul 22 23:30:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

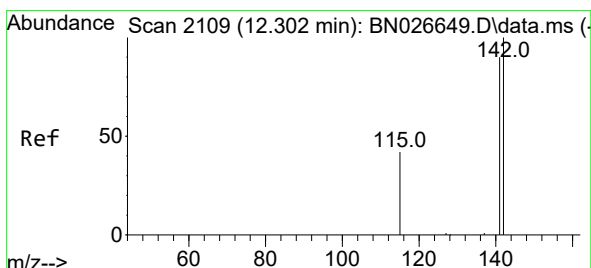
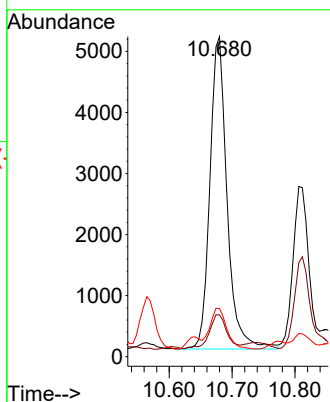
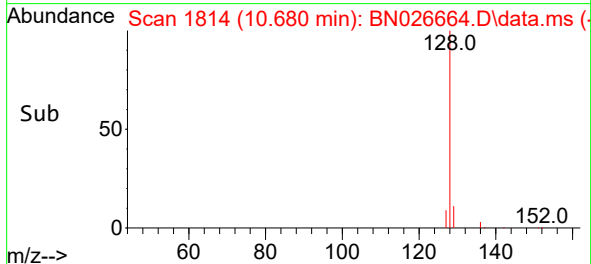
Instrument :
BNA_N
ClientSampleId :
A46T5



Tgt Ion:128 Resp: 9698
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 15.1 11.4 17.0

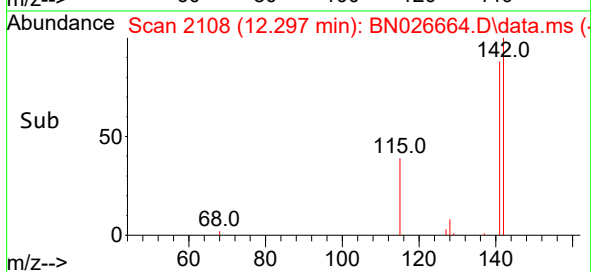
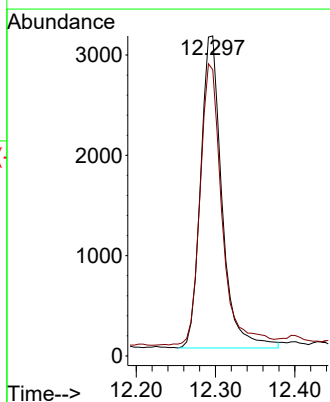
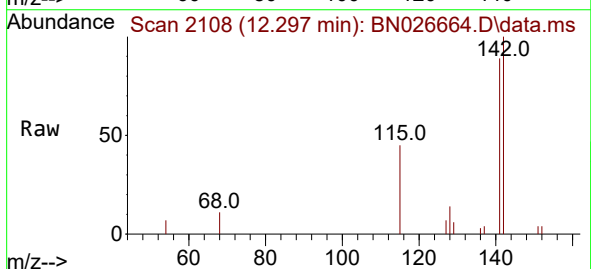
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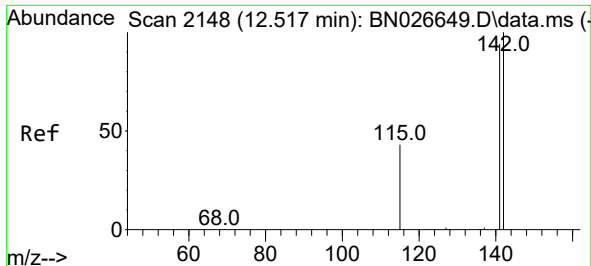
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. -0.017 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

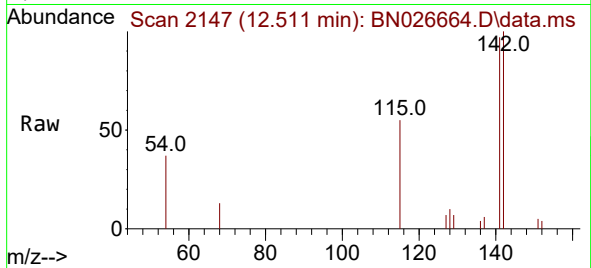
Tgt Ion:142 Resp: 5830
Ion Ratio Lower Upper
142 100
141 92.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

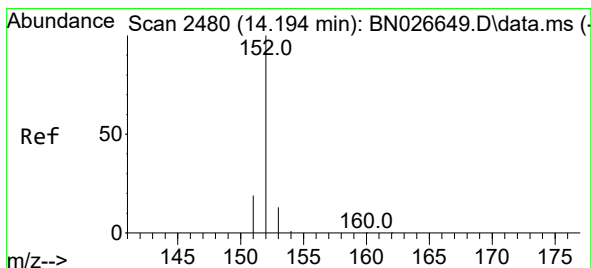
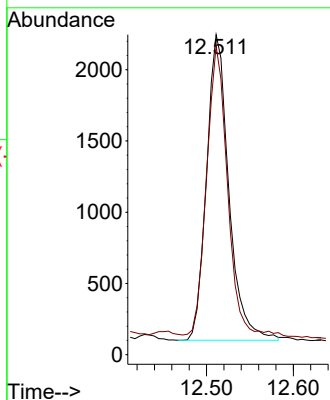
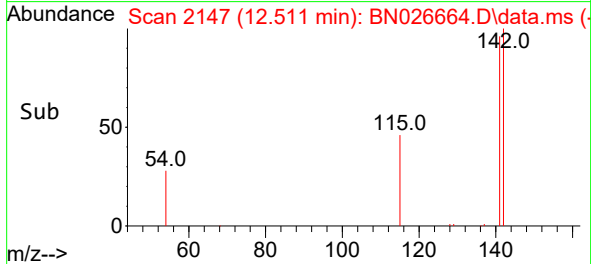
Instrument :
BNA_N
ClientSampleId :
A46T5



Tgt Ion:142 Resp: 3830
Ion Ratio Lower Upper
142 100
141 88.0 74.5 111.7

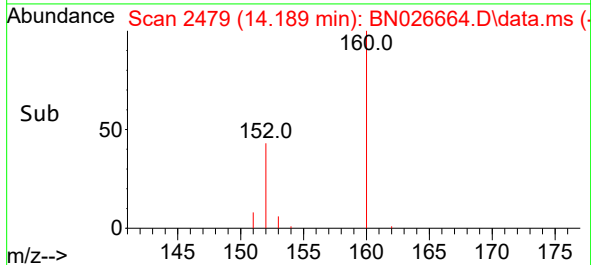
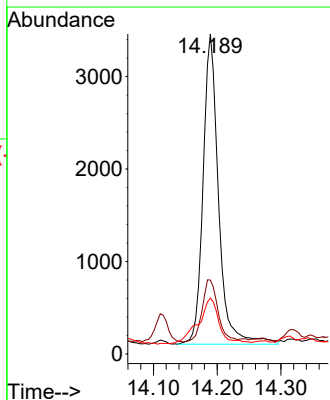
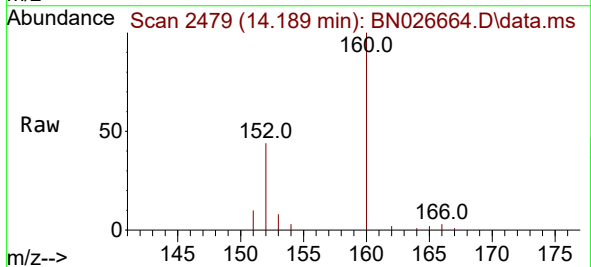
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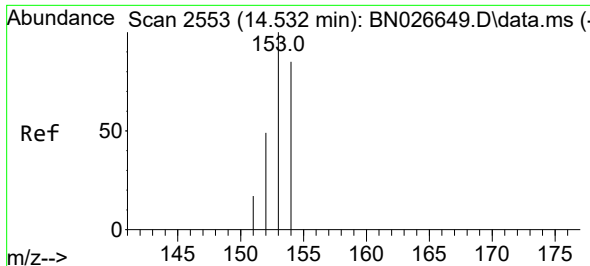
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.167 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

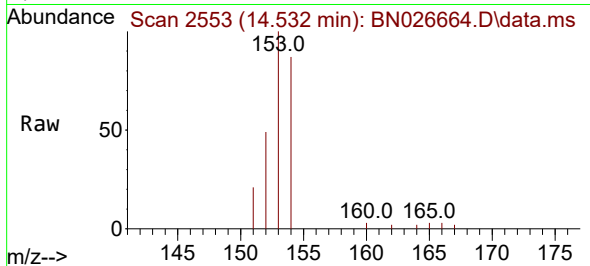
Tgt Ion:152 Resp: 5664
Ion Ratio Lower Upper
152 100
151 23.1 17.0 25.6
153 17.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.532 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

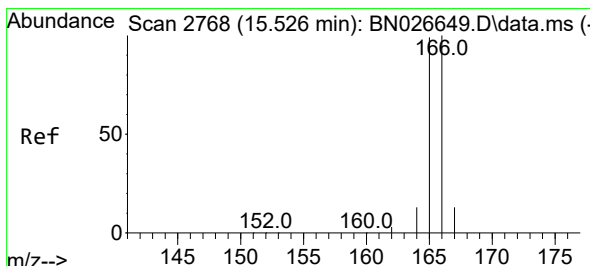
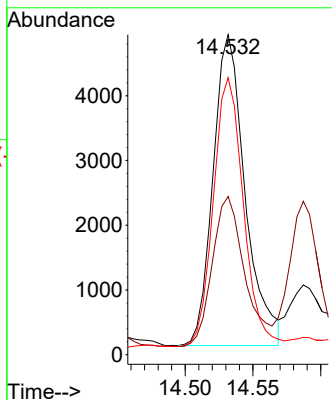
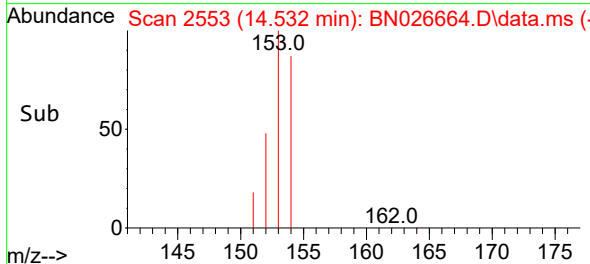
Instrument :
BNA_N
ClientSampleId :
A46T5



Tgt Ion:153 Resp: 791
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 86.5 69.3 103.9

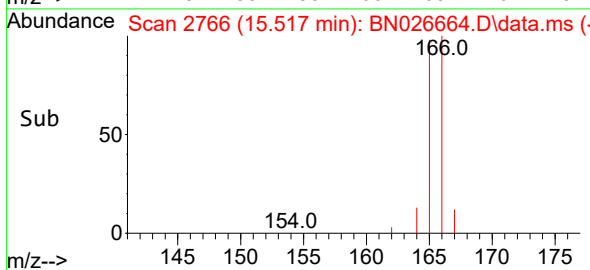
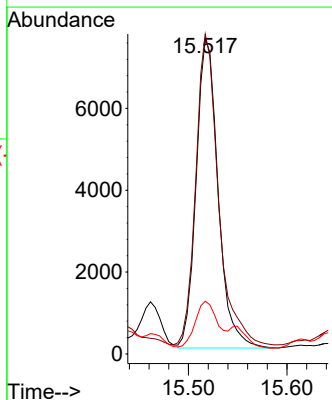
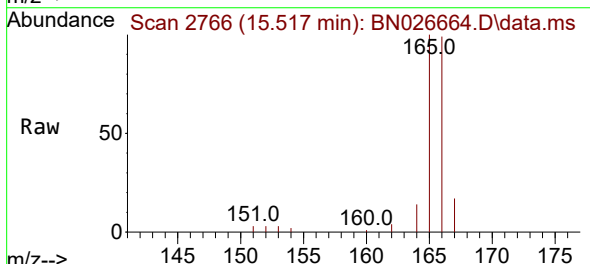
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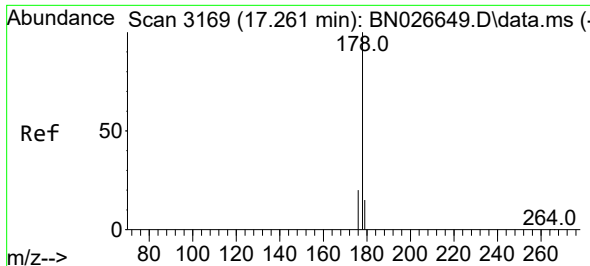
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.433 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.014 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

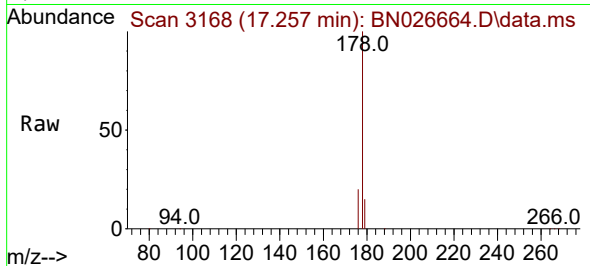
Tgt Ion:166 Resp: 11742
Ion Ratio Lower Upper
166 100
165 101.3 80.6 120.8
167 16.7 12.0 18.0





#15
Phenanthrene
Concen: 3.123 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

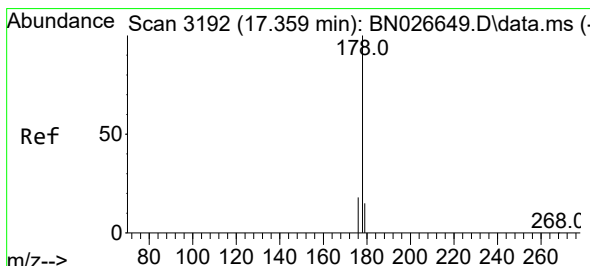
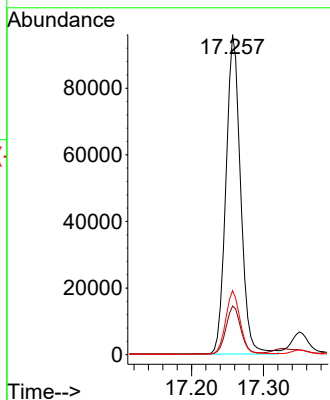
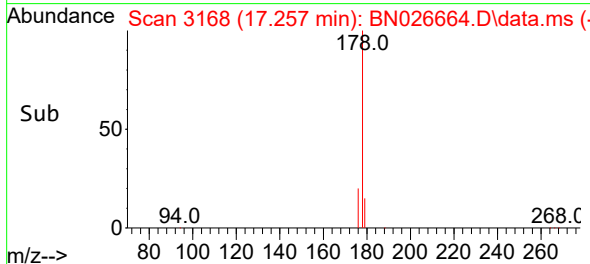
Instrument :
BNA_N
ClientSampleId :
A46T5



Tgt Ion:178 Resp: 13578
Ion Ratio Lower Upper
178 100
179 15.2 13.7 20.5
176 20.0 16.5 24.7

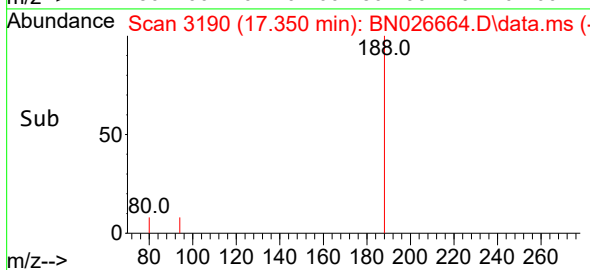
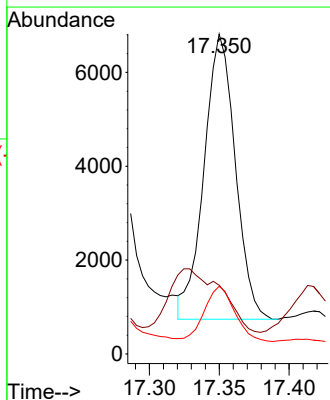
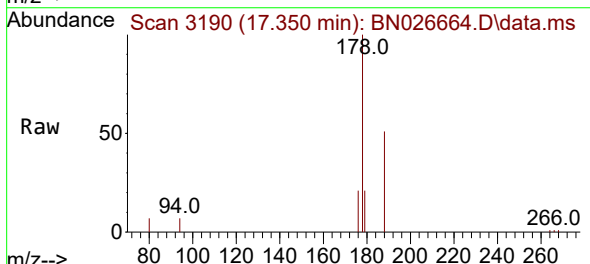
Manual Integrations
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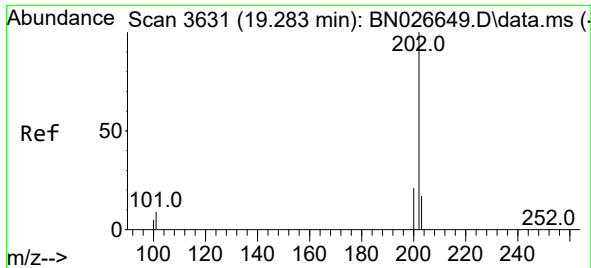
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.250 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.013 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

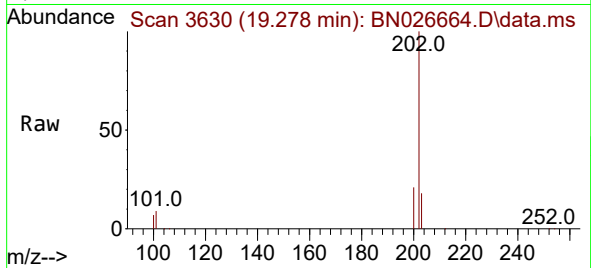
Tgt Ion:178 Resp: 9433
Ion Ratio Lower Upper
178 100
179 21.5 14.8 22.2
176 21.1 16.6 25.0





#19
Fluoranthene
Concen: 5.221 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

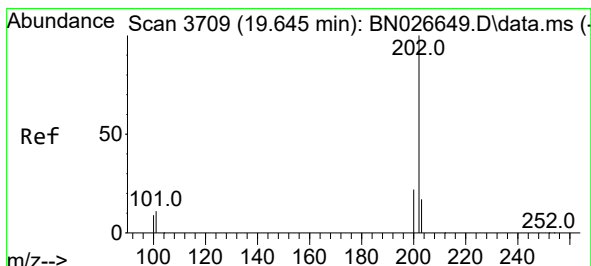
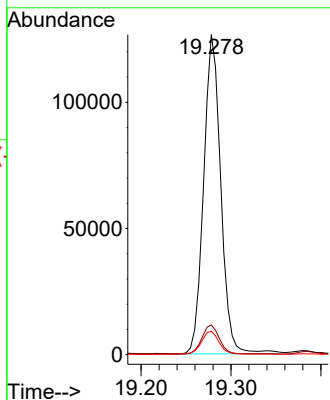
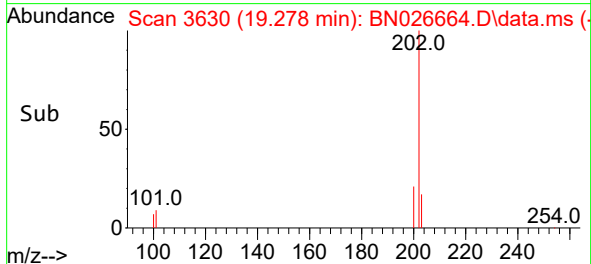
Instrument :
BNA_N
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A46T5



Tgt Ion:202 Resp: 16818
Ion Ratio Lower Upper
202 100
101 9.3 7.0 10.4
100 7.3 6.0 9.0

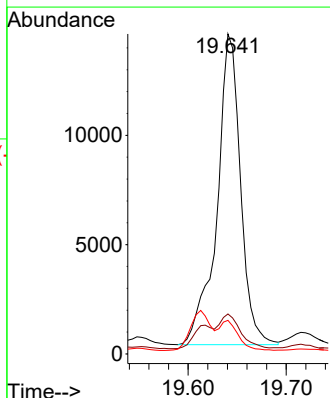
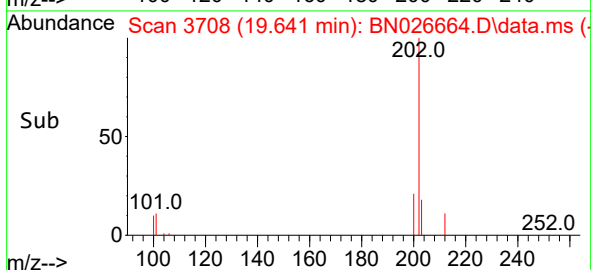
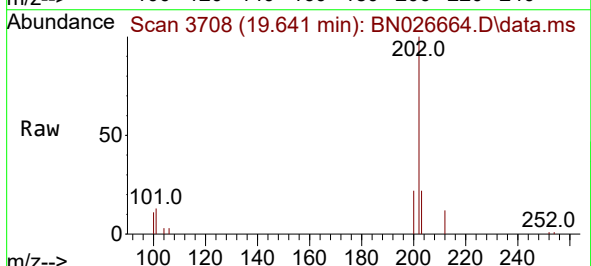
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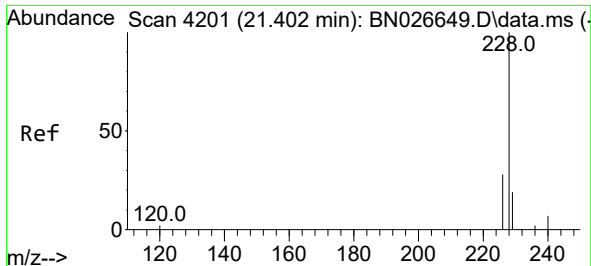
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.680 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

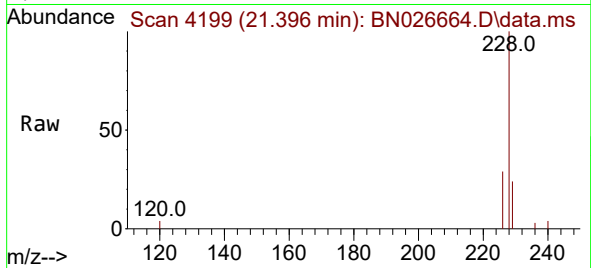
Tgt Ion:202 Resp: 23780
Ion Ratio Lower Upper
202 100
101 12.5 8.0 12.0#
100 10.5 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 1.591 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.015 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

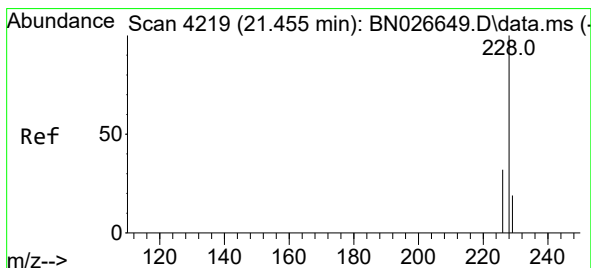
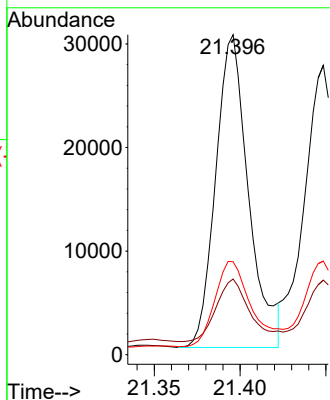
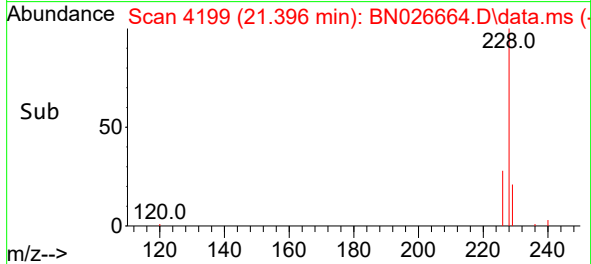
Instrument :
BNA_N
ClientSampleId :
A46T5



Tgt Ion:228 Resp: 40178
Ion Ratio Lower Upper
228 100
229 23.7 16.7 25.1
226 29.0 23.5 35.3

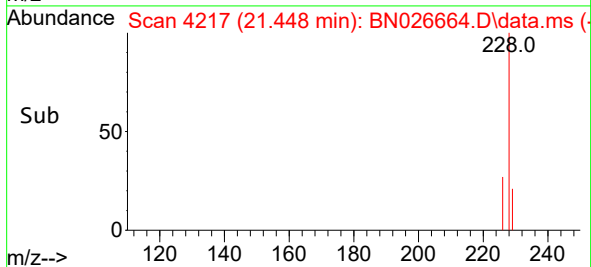
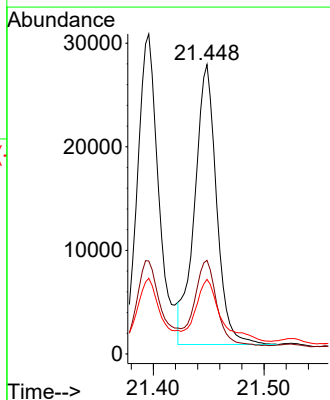
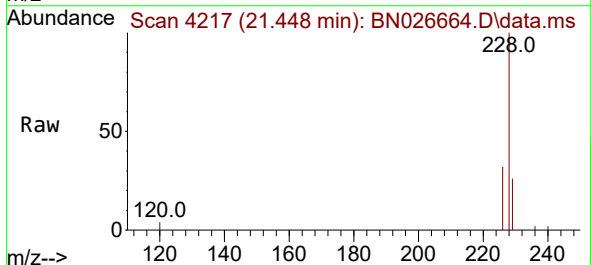
Manual Integrations
APPROVED

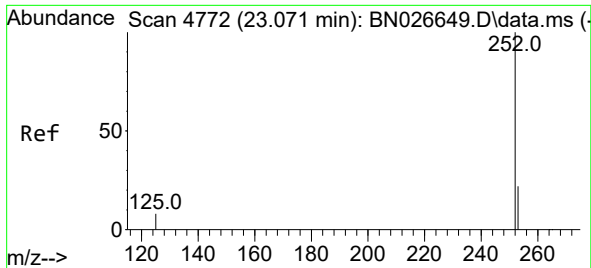
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.294 ng/ul
RT: 21.448 min Scan# 4217
Delta R.T. -0.015 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

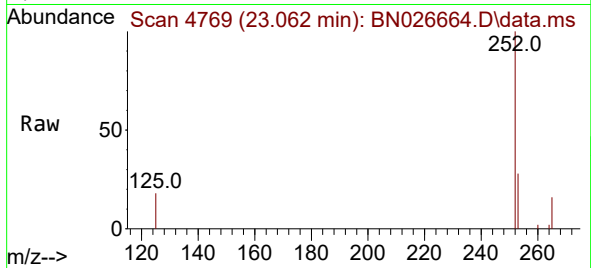
Tgt Ion:228 Resp: 37187
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 25.8 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 1.294 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.018 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

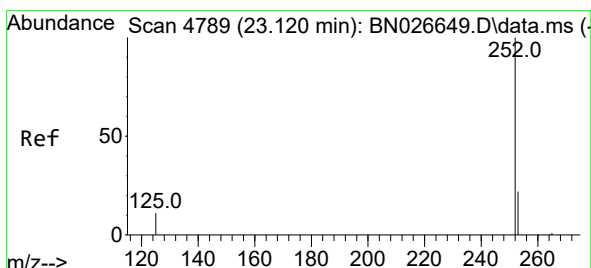
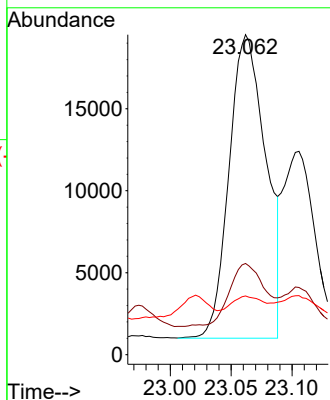
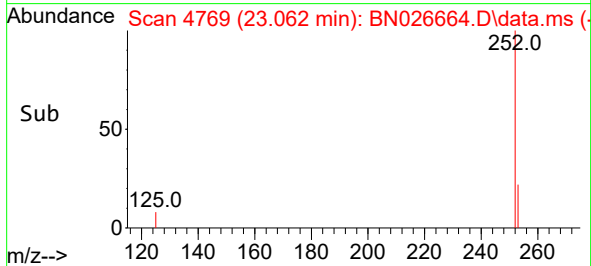
Instrument :
BNA_N
ClientSampleId :
A46T5



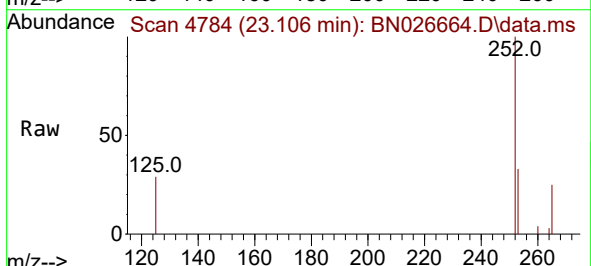
Tgt Ion:252 Resp: 3884
Ion Ratio Lower Upper
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253 28.5 0.0 68.6
125 18.4 0.0 34.0

Manual Integrations
APPROVED

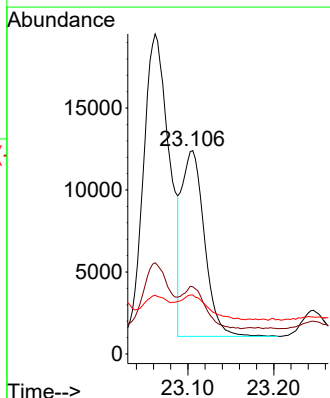
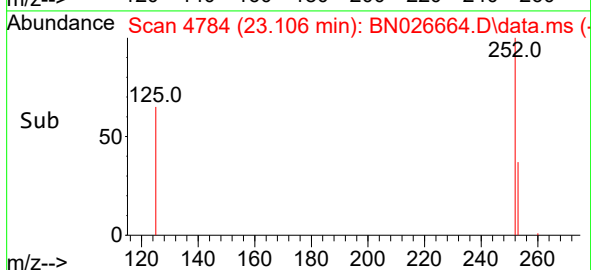
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

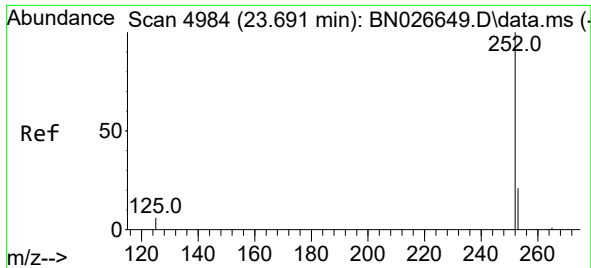


#25
Benzo(k)fluoranthene
Concen: 0.664 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.024 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00



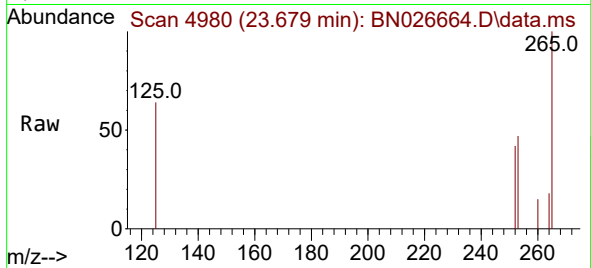
Tgt Ion:252 Resp: 20882
Ion Ratio Lower Upper
252 100
253 33.0 27.2 40.8
125 29.1 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.679 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00

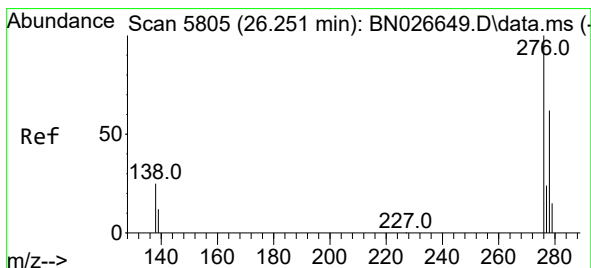
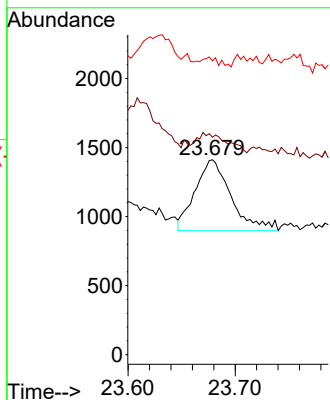
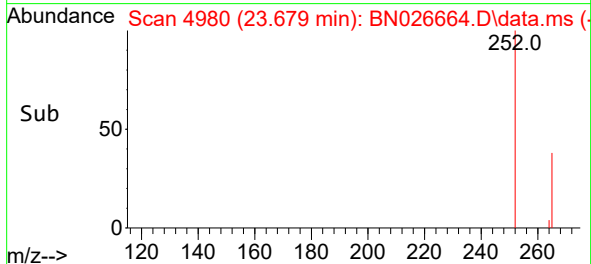
Instrument :
BNA_N
ClientSampleId :
A46T5



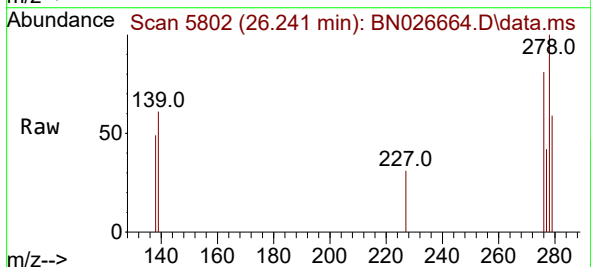
Tgt Ion:252 Resp: 1198
Ion Ratio Lower Upper
252 100
253 111.5 32.6 49.0
125 150.7 19.3 28.9

Manual Integrations
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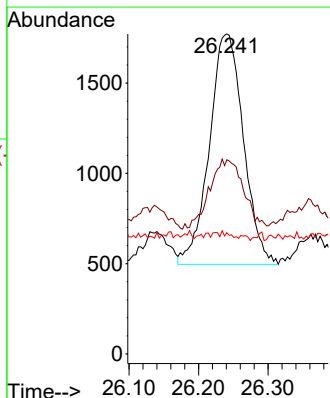
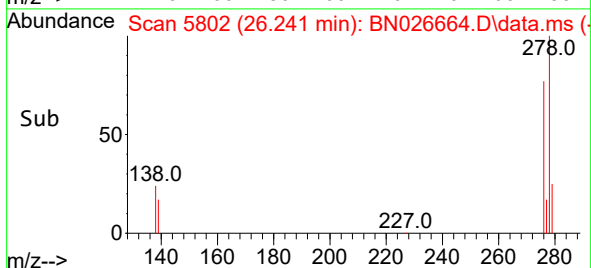
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

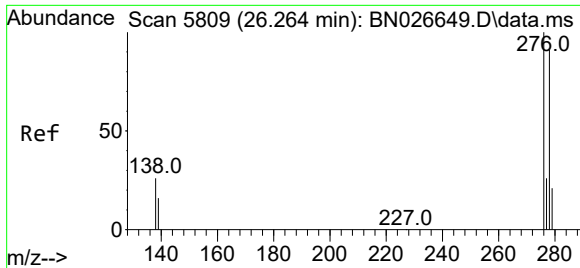


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 26.241 min Scan# 5802
Delta R.T. -0.017 min
Lab File: BN026664.D
Acq: 22 Jul 2023 21:00



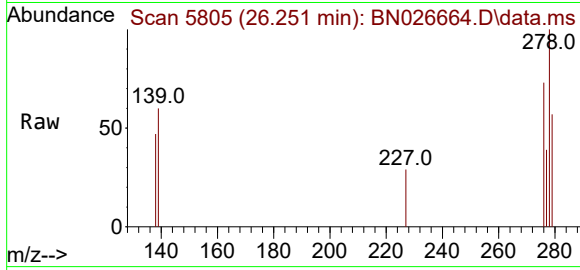
Tgt Ion:276 Resp: 4344
Ion Ratio Lower Upper
276 100
138 30.5 22.2 33.4
227 0.4 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.231 ng/ul
 RT: 26.251 min Scan# 5805
 Delta R.T. -0.024 min
 Lab File: BN026664.D
 Acq: 22 Jul 2023 21:00

Instrument :
 BNA_N
 ClientSampleId :
 A46T5



Tgt Ion:278 Resp: 621.0
 Ion Ratio Lower Upper
 278 100
 139 60.0 18.9 28.3
 279 57.4 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

