

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026254.D
 Acq On : 04 Jul 2023 09:28
 Operator : MA/JU
 Sample : 03245-15DL 5X
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 23:28:38 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31779	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18211	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	19621	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4482	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1310	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2536	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	23249	0.292	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	5344	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	2104	0.040	ng/ul	98
10) Acenaphthylene	14.311	152	21492	0.287	ng/ul	100
11) Acenaphthene	14.653	153	1654	0.027	ng/ul	94
12) Fluorene	15.639	166	3041	0.043	ng/ul#	95
15) Phenanthrene	17.385	178	68759	0.655	ng/ul	99
16) Anthracene	17.473	178	18030	0.193	ng/ul	98
19) Fluoranthene	19.400	202	157298	1.617	ng/ul	98
20) Pyrene	19.763	202	120006	1.186	ng/ul	97
21) Benzo(a)anthracene	21.514	228	69300	0.922	ng/ul	96
22) Chrysene	21.570	228	72052	0.922	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	115997m	1.385	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	44523m	0.529	ng/ul	
26) Benzo(a)pyrene	23.876	252	73592	1.012	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.547	276	64248	0.809	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.551	278	15499	0.258	ng/ul#	84
29) Benzo(g,h,i)perylene	27.346	276	58207	0.824	ng/ul	95

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

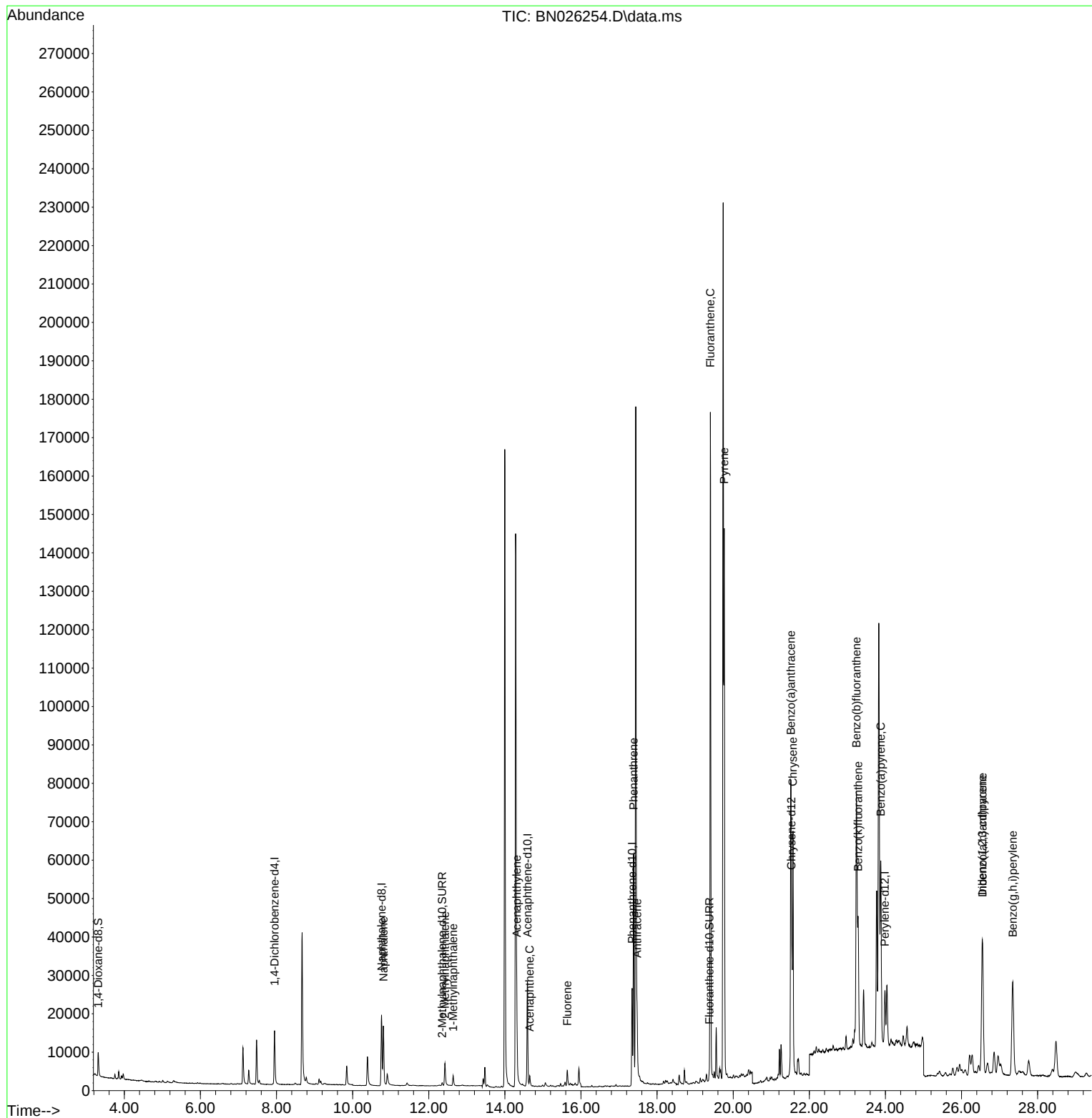
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026254.D
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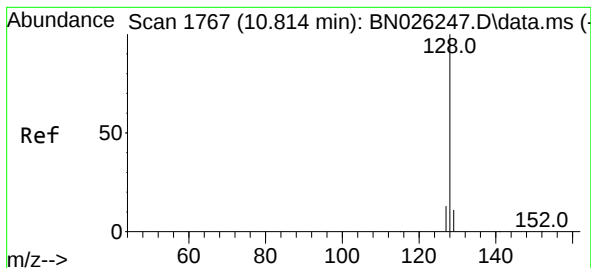
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#5

Naphthalene

Concen: 0.292 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN026254.D

Acq: 04 Jul 2023 09:28

Instrument :

BNA_N

ClientSampleId :

DCGH3DL

Tgt Ion:128 Resp: 23249

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

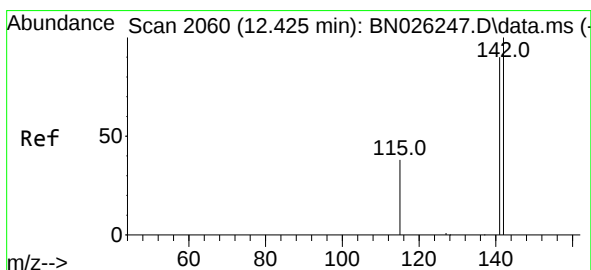
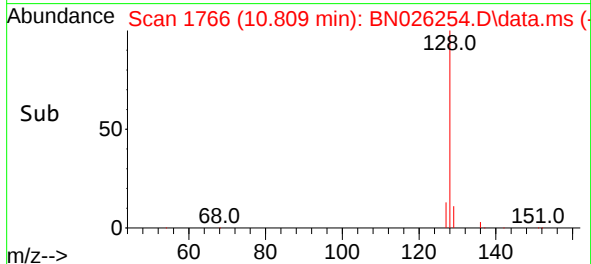
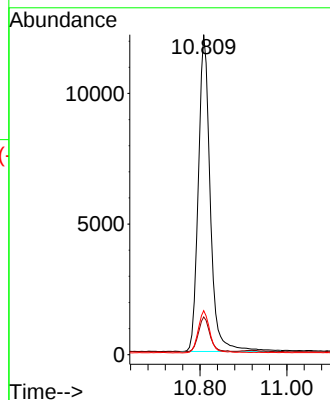
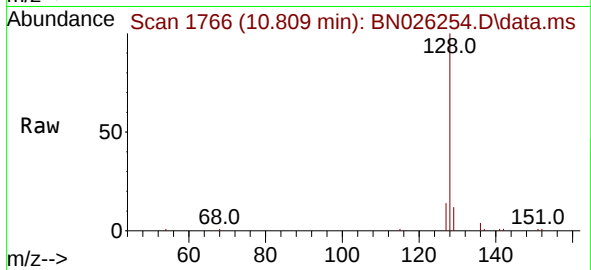
127 13.8 10.7 16.1

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Supervised By :mohammad ahmed 07/05/2023



#7

2-Methylnaphthalene

Concen: 0.105 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BN026254.D

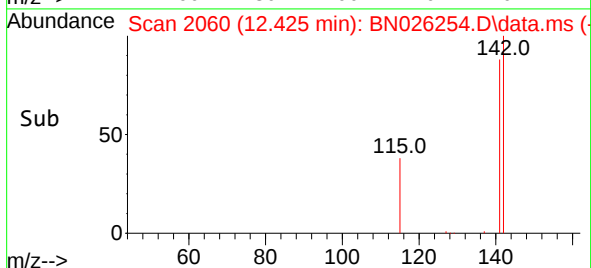
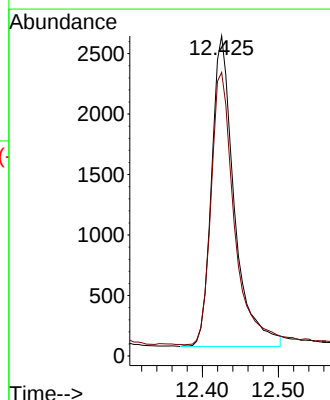
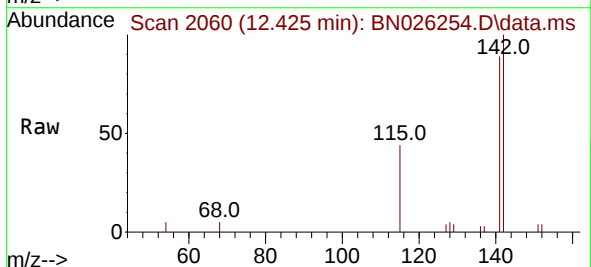
Acq: 04 Jul 2023 09:28

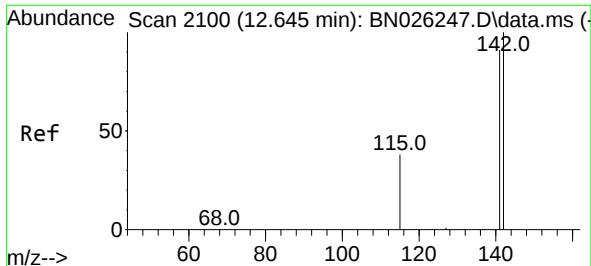
Tgt Ion:142 Resp: 5344

Ion Ratio Lower Upper

142 100

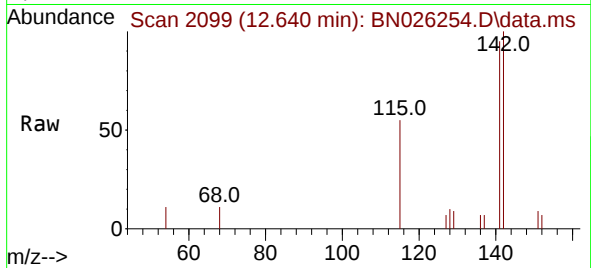
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

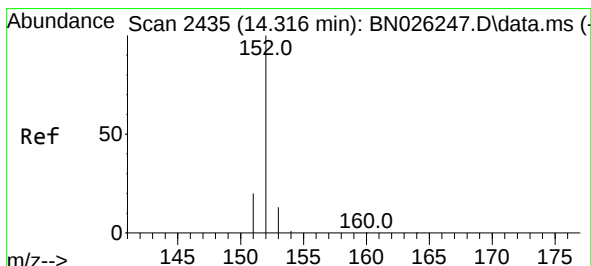
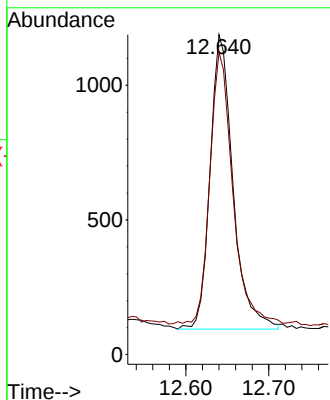
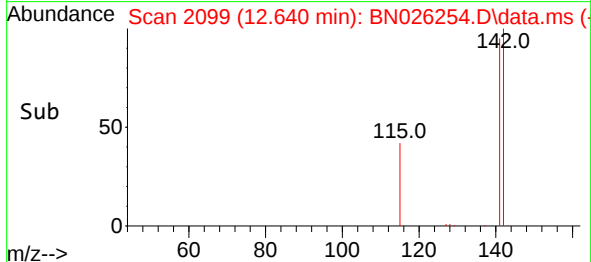
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2104
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4

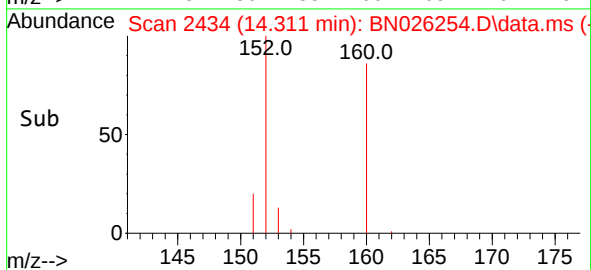
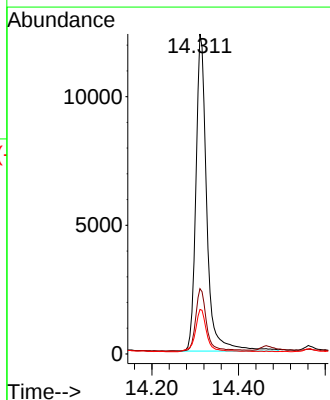
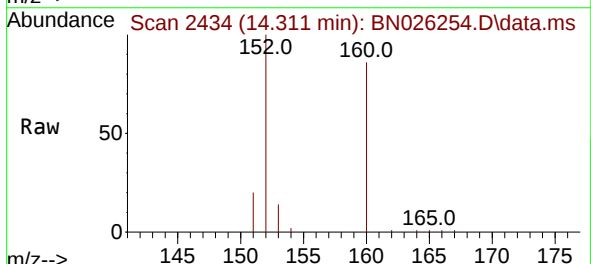
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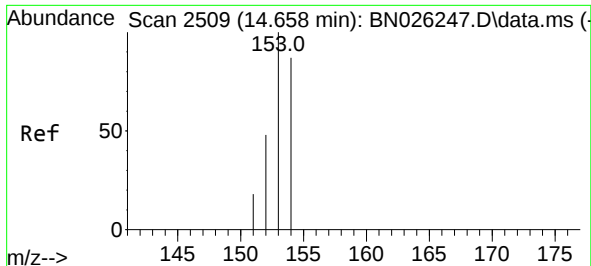
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

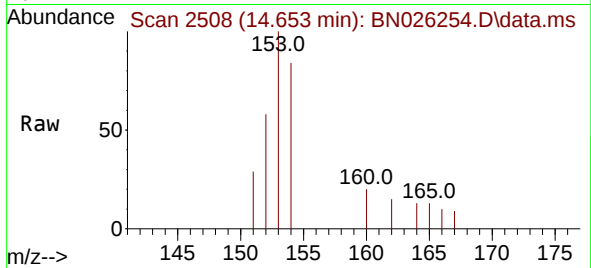
Tgt Ion:152 Resp: 21492
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.653 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

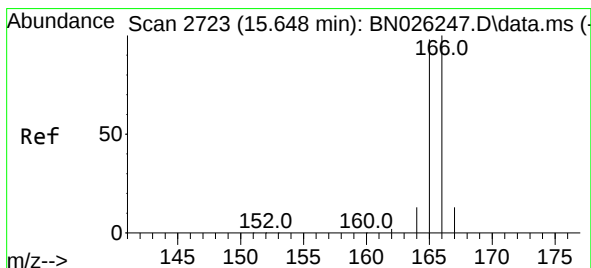
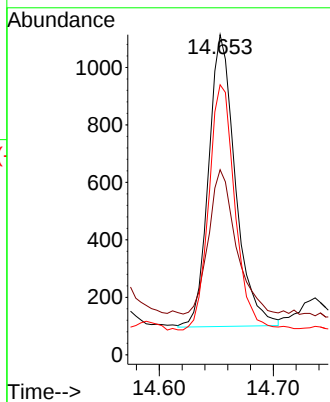
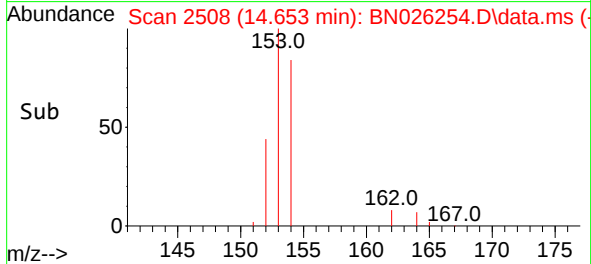
Instrument :
BNA_N
ClientSampleId :
DCGH3DL



Tgt Ion:153 Resp: 1654
Ion Ratio Lower Upper
153 100
152 57.8 39.4 59.0
154 84.4 68.9 103.3

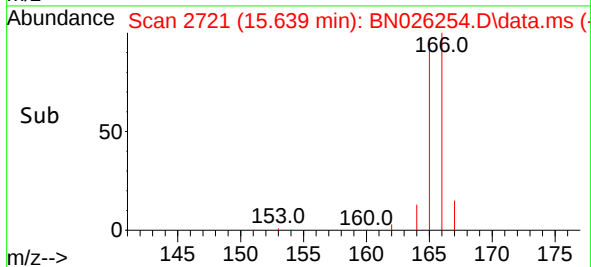
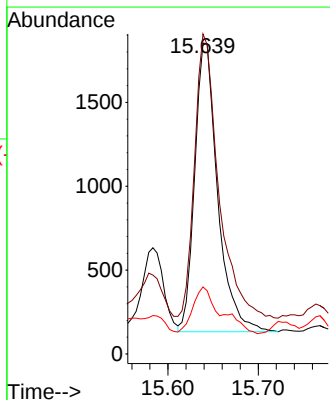
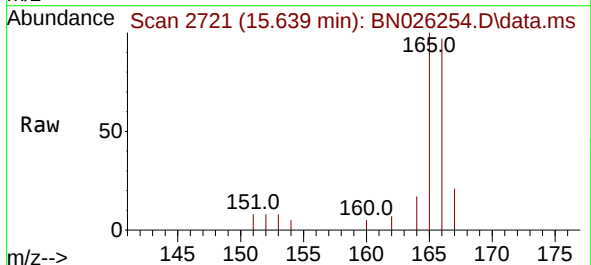
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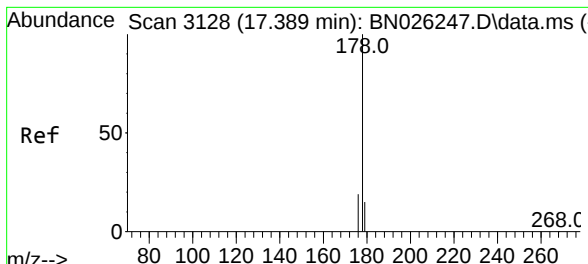
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.043 ng/ul
RT: 15.639 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Tgt Ion:166 Resp: 3041
Ion Ratio Lower Upper
166 100
165 102.9 79.9 119.9
167 21.6 10.8 16.2#





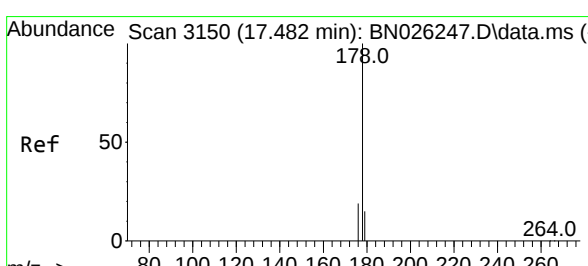
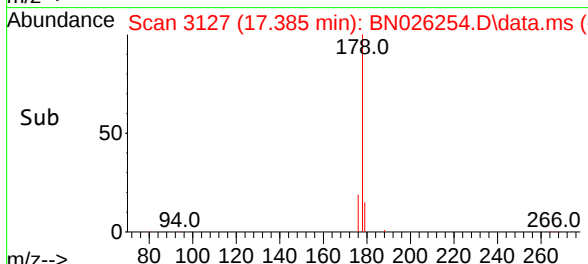
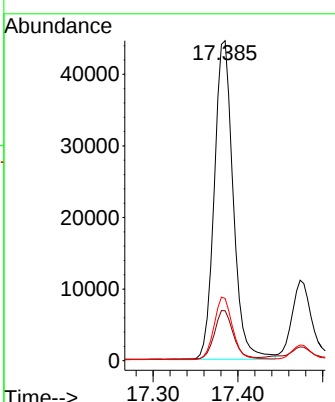
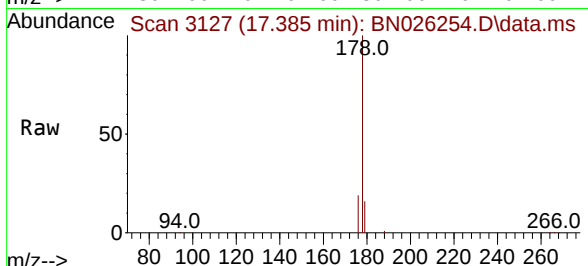
#15
 Phenanthrene
 Concen: 0.655 ng/u1
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BN026254.D
 Acq: 04 Jul 2023 09:28

Instrument : BNA_N
 ClientSampleId : DCGH3DL

Tgt Ion:178 Resp: 6875

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.5	15.8	23.6

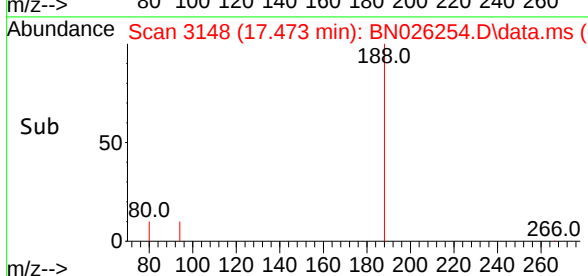
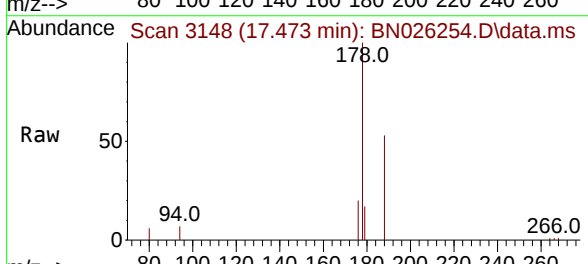
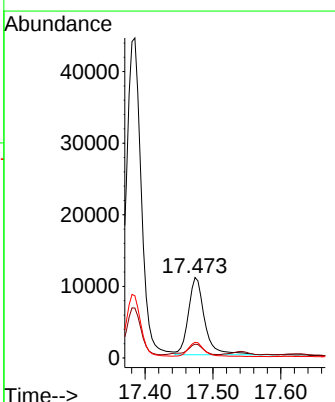
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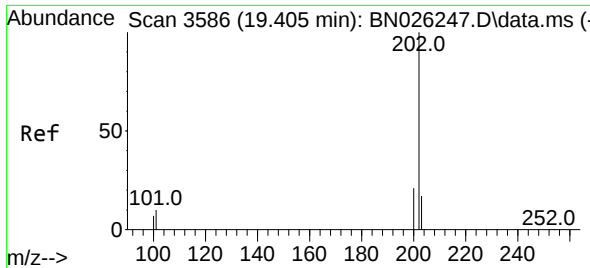


#16
 Anthracene
 Concen: 0.193 ng/u1
 RT: 17.473 min Scan# 3148
 Delta R.T. -0.009 min
 Lab File: BN026254.D
 Acq: 04 Jul 2023 09:28

Tgt Ion:178 Resp: 18030

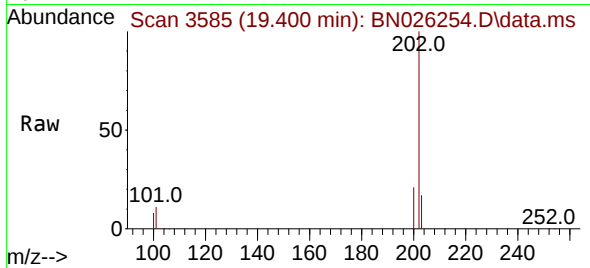
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	19.6	15.1	22.7





#19
Fluoranthene
Concen: 1.617 ng/ul
RT: 19.400 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

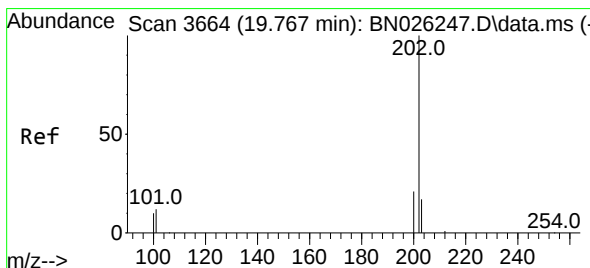
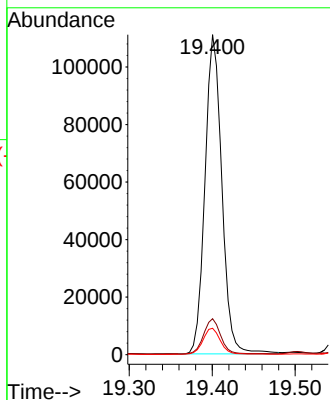
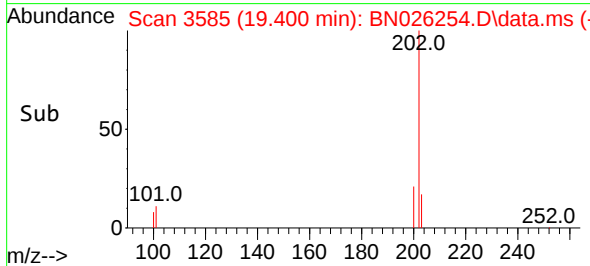
Instrument :
BNA_N
ClientSampleId :
DCGH3DL



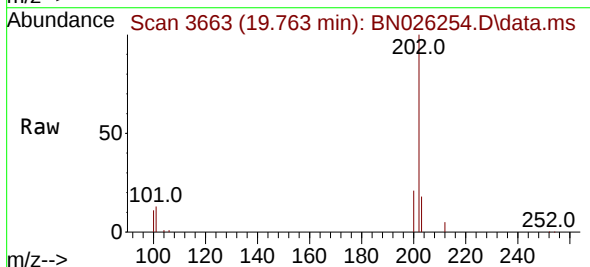
Tgt Ion:202 Resp: 157298
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.3 7.3 10.9

Manual Integrations
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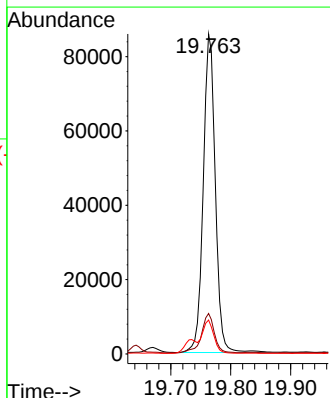
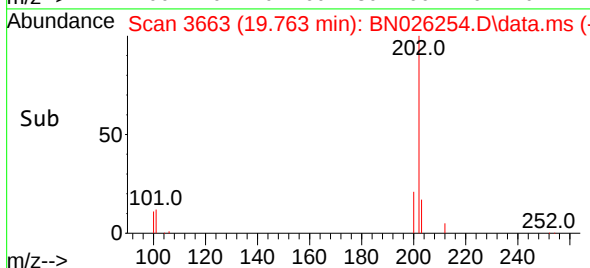
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

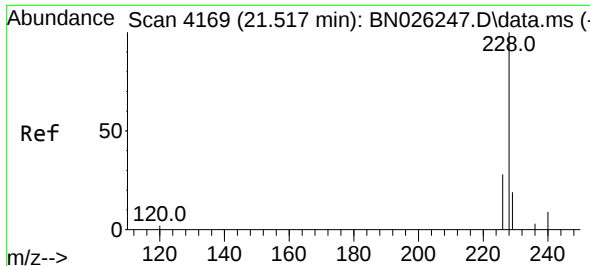


#20
Pyrene
Concen: 1.186 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28



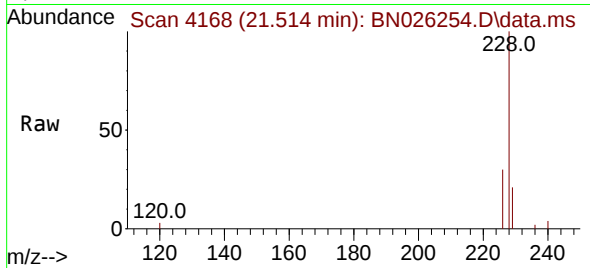
Tgt Ion:202 Resp: 120006
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.922 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

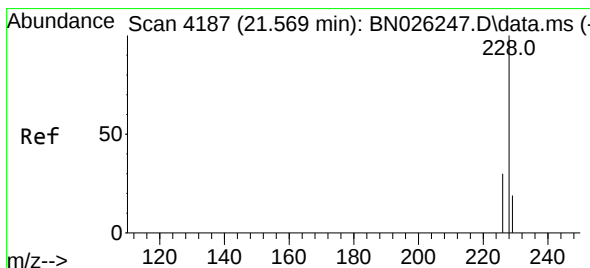
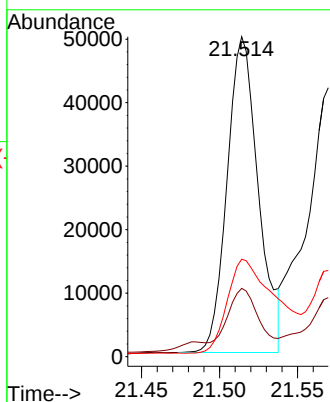
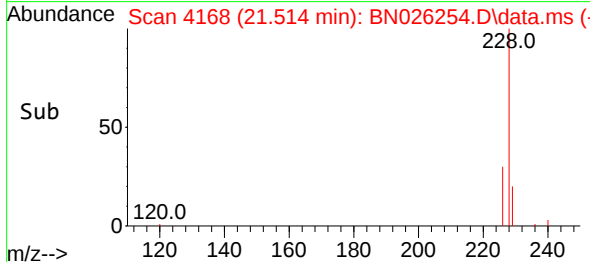
Instrument :
BNA_N
ClientSampleId :
DCGH3DL



Tgt Ion:228 Resp: 69300
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 30.5 22.5 33.7

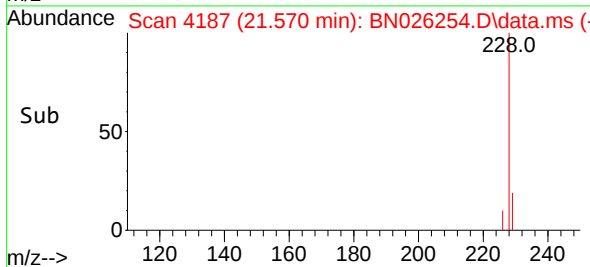
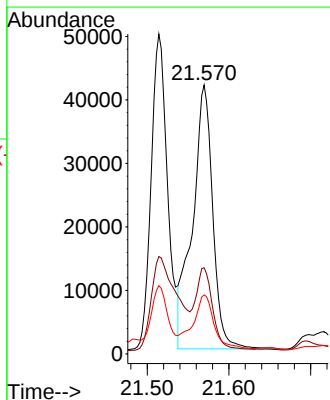
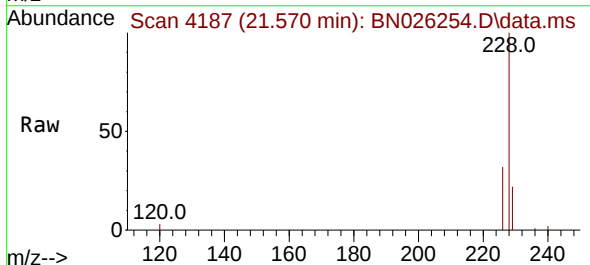
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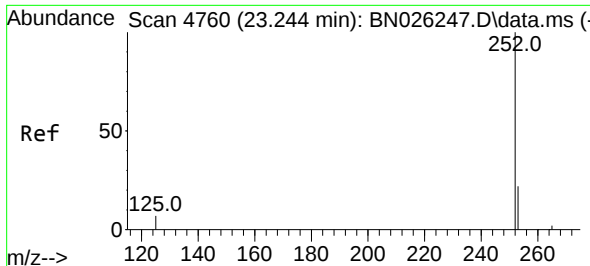
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.922 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

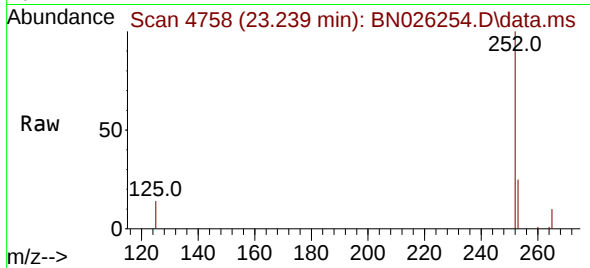
Tgt Ion:228 Resp: 72052
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.385 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.015 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

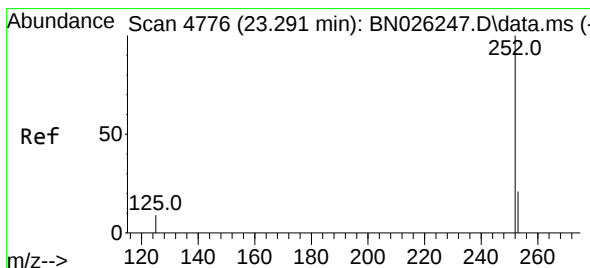
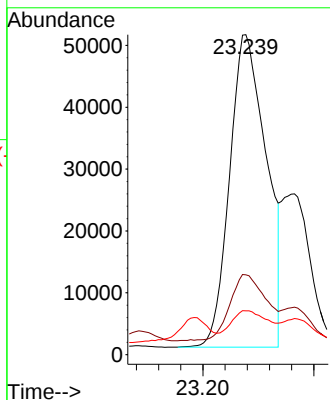
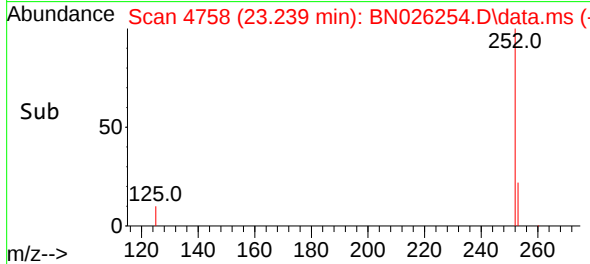
Instrument :
BNA_N
ClientSampleId :
DCGH3DL



Tgt Ion:252 Resp: 115997
Ion Ratio Lower Upper
252 100
253 24.9 0.0 55.6
125 13.7 0.0 35.8

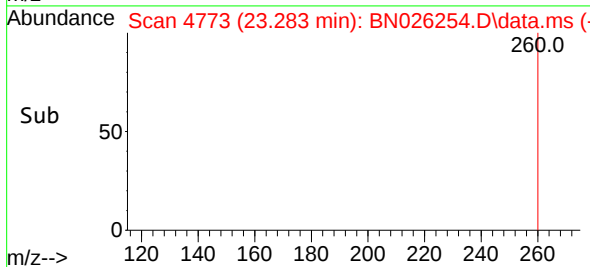
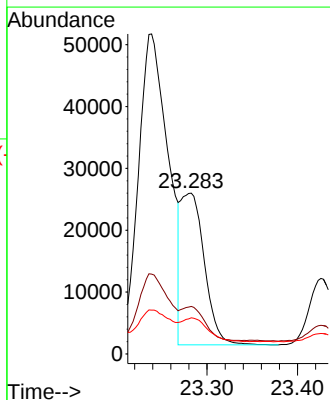
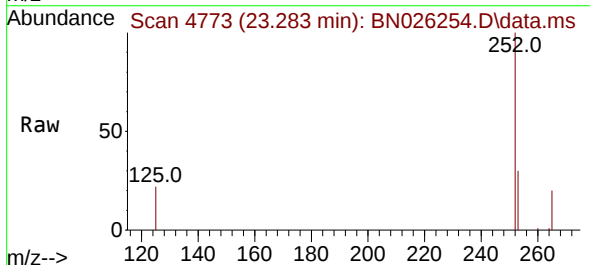
Manual Integrations
APPROVED

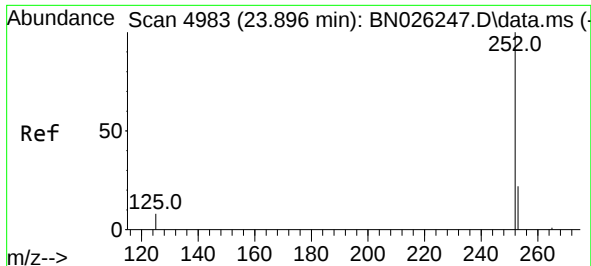
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.529 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.021 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

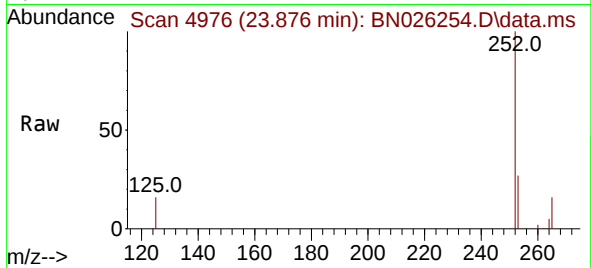
Tgt Ion:252 Resp: 44523
Ion Ratio Lower Upper
252 100
253 29.5 23.2 34.8
125 22.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 1.012 ng/ul
RT: 23.876 min Scan# 4983
Delta R.T. -0.018 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

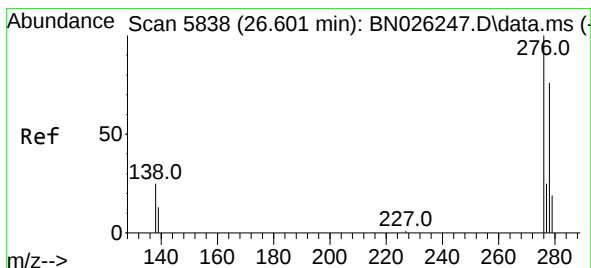
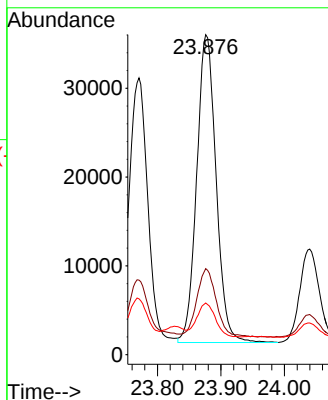
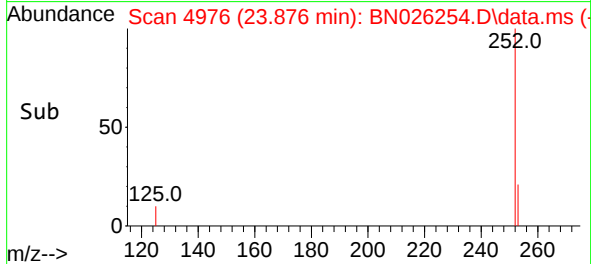
Instrument :
BNA_N
ClientSampleId :
DCGH3DL



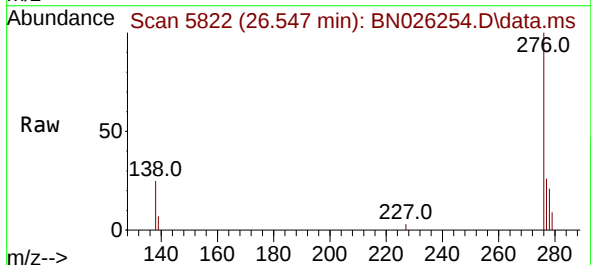
Tgt Ion:252 Resp: 73592
Ion Ratio Lower Upper
252 100
253 26.9 26.0 39.0
125 16.2 17.3 25.9

Manual Integrations
APPROVED

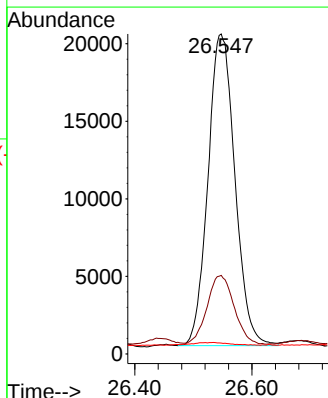
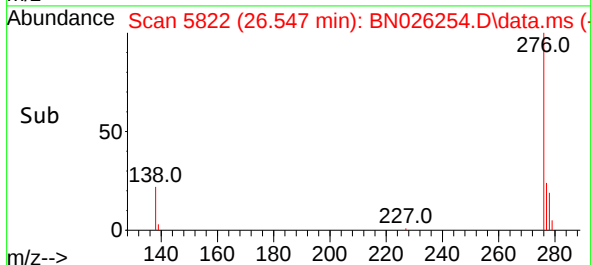
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

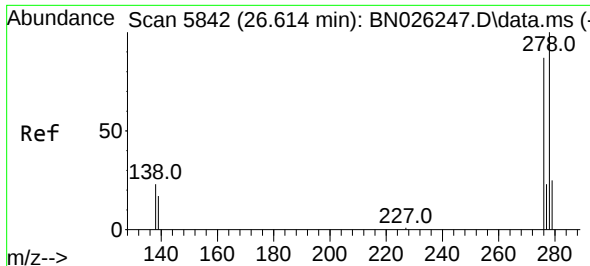


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.809 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.040 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28



Tgt Ion:276 Resp: 64248
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 1.3 0.0 0.0#





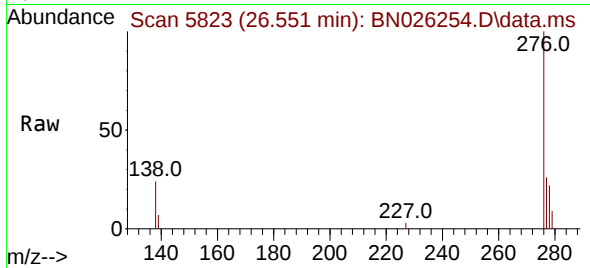
#28
Dibenzo(a,h)anthracene
Concen: 0.258 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.057 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28

Instrument :

BN026254.D

ClientSampleId :

DCGH3DL



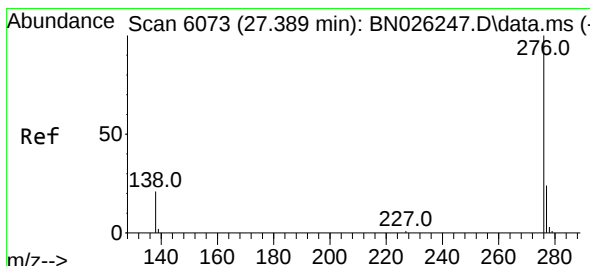
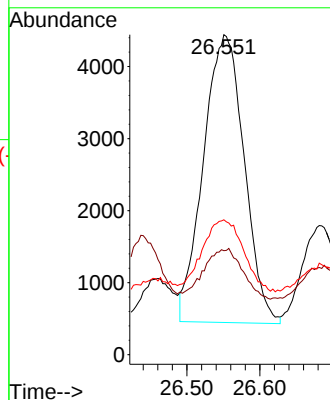
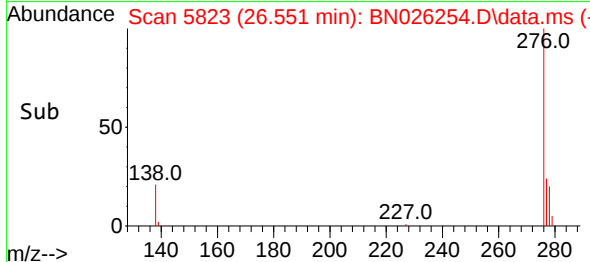
Tgt Ion:278 Resp: 15499
Ion Ratio Lower Upper
278 100
139 32.5 19.0 28.4
279 42.2 26.7 40.1

Manual Integrations

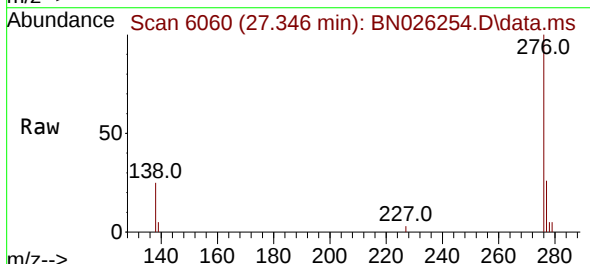
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.824 ng/ul
RT: 27.346 min Scan# 6060
Delta R.T. -0.040 min
Lab File: BN026254.D
Acq: 04 Jul 2023 09:28



Tgt Ion:276 Resp: 58207
Ion Ratio Lower Upper
276 100
138 25.1 23.4 35.0
277 25.6 20.0 30.0

