

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026656.D
 Acq On : 22 Jul 2023 16:06
 Operator : MA/JU
 Sample : 03472-33DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46TODL

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 23:06:31 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	7.832	152	3859	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.631	136	13293	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	7831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	16399	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	9962	0.400	ng/ul	-0.01
23) Perylene-d12	23.787	264	10471	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	847	0.167	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	725	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	1820	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	2568	0.070	ng/ul#	92
7) 2-Methylnaphthalene	12.308	142	610	0.029	ng/ul	98
8) 1-Methylnaphthalene	12.522	142	571	0.026	ng/ul	99
10) Acenaphthylene	14.190	152	2905	0.076	ng/ul#	94
11) Acenaphthene	14.532	153	4146	0.142	ng/ul	100
12) Fluorene	15.522	166	4142	0.135	ng/ul	98
15) Phenanthrene	17.257	178	58575	1.122	ng/ul	97
16) Anthracene	17.354	178	11203	0.247	ng/ul	99
19) Fluoranthene	19.278	202	96415	2.065	ng/ul	99
20) Pyrene	19.640	202	57537	1.135	ng/ul#	97
21) Benzo(a)anthracene	21.399	228	29535	0.807	ng/ul	99
22) Chrysene	21.451	228	27457	0.659	ng/ul	99
24) Benzo(b)fluoranthene	23.067	252	32037m	0.785	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	14017m	0.328	ng/ul	
26) Benzo(a)pyrene	23.684	252	6899	0.190	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.243	276	9612	0.202	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.247	278	3519	0.096	ng/ul#	69

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

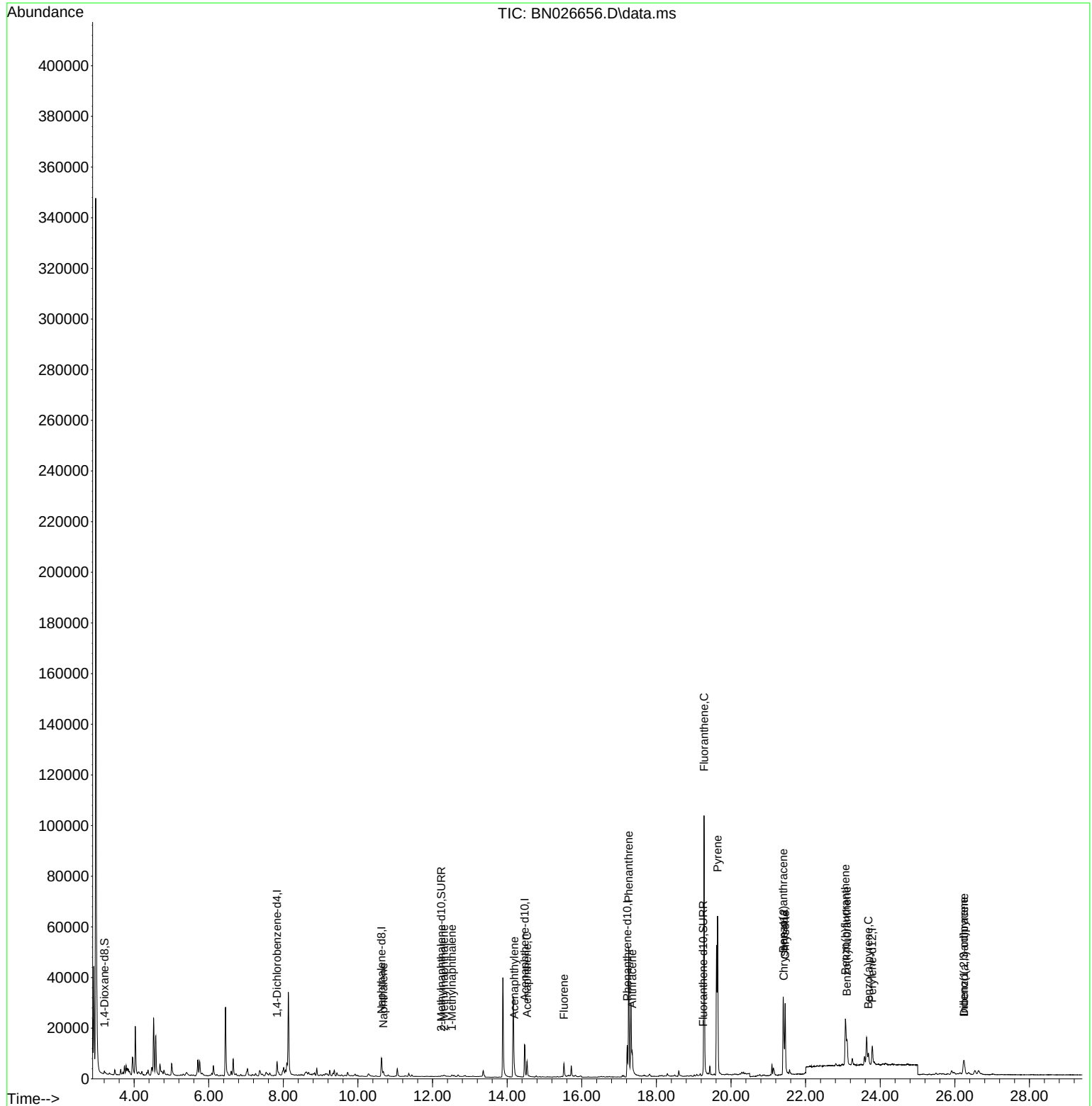
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026656.D
Acq On : 22 Jul 2023 16:06
Operator : MA/JU
Sample : 03472-33DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

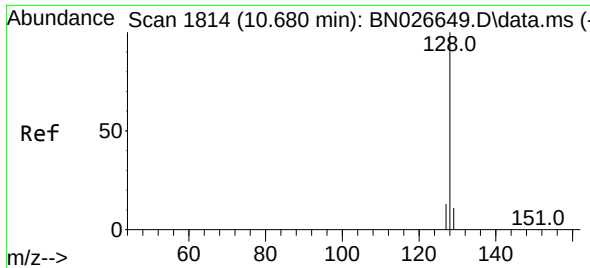
Instrument :
BNA_N
ClientSampleId :
A46T0DL

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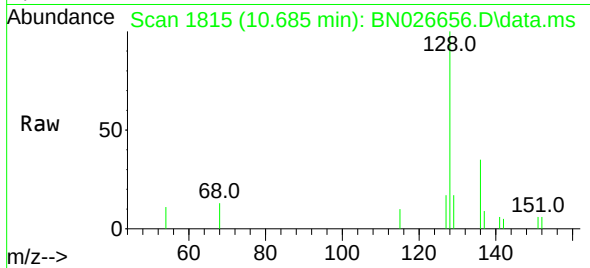
Quant Time: Jul 22 23:06:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.685 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

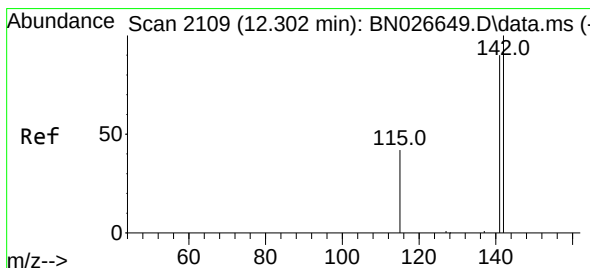
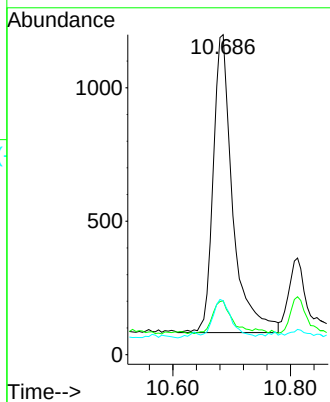
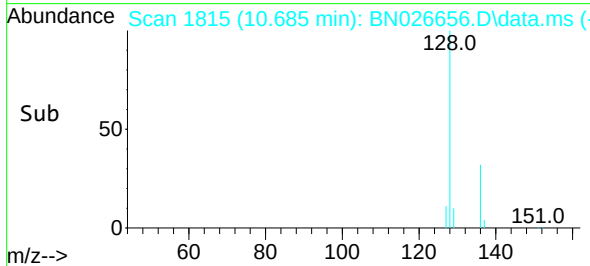
Instrument :
BNA_N
ClientSampleId :
A46TODL



Tgt Ion:128 Resp: 256
Ion Ratio Lower Upper
128 100
129 16.8 10.2 15.2
127 16.8 11.4 17.0

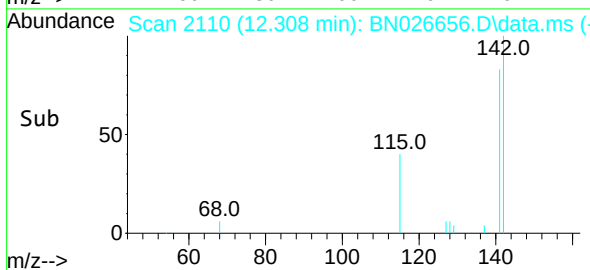
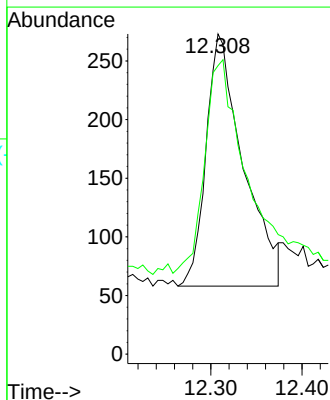
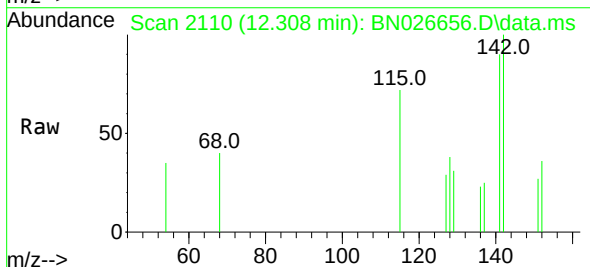
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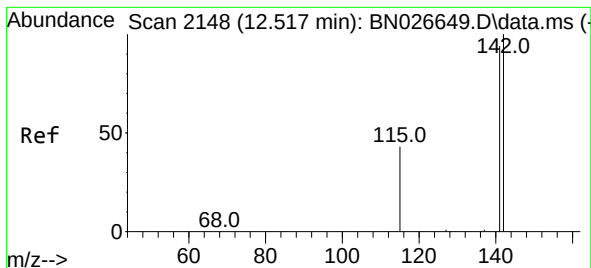
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

Tgt Ion:142 Resp: 610
Ion Ratio Lower Upper
142 100
141 92.3 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.522 min Scan# 2149

Delta R.T. 0.000 min

Lab File: BN026656.D

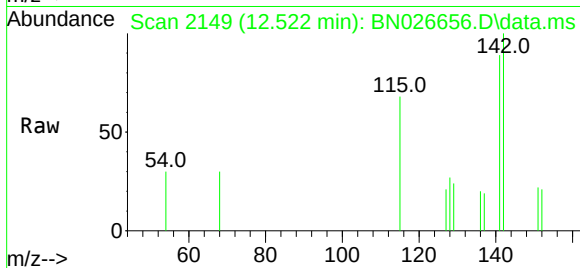
Acq: 22 Jul 2023 16:06

Instrument :

BNA_N

ClientSampleId :

A46TODL



Tgt Ion:142 Resp: 57

Ion Ratio Lower Upper

142 100

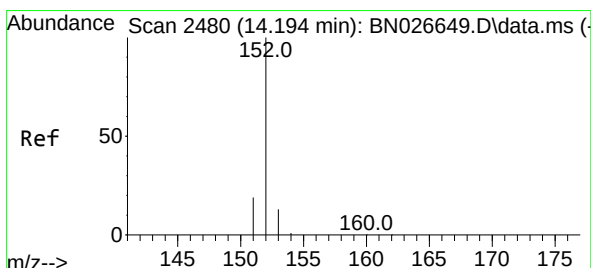
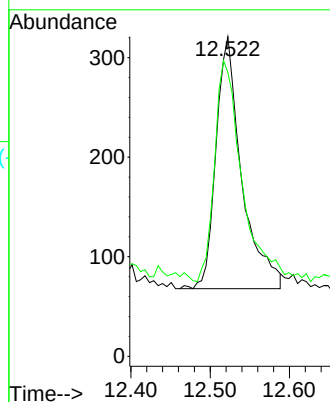
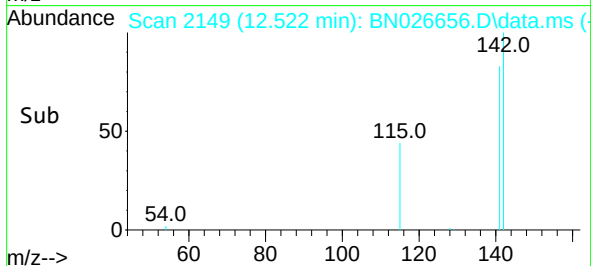
141 92.5 74.5 111.7

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#10

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.190 min Scan# 2479

Delta R.T. -0.009 min

Lab File: BN026656.D

Acq: 22 Jul 2023 16:06

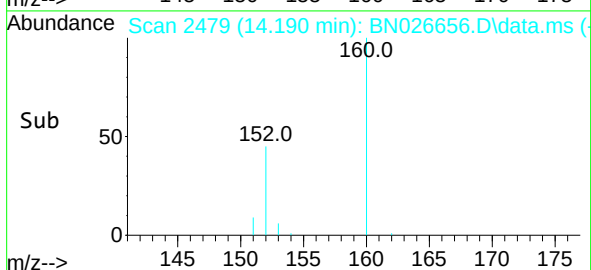
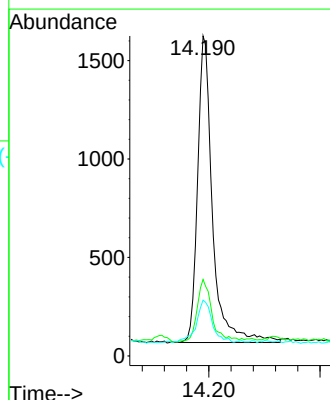
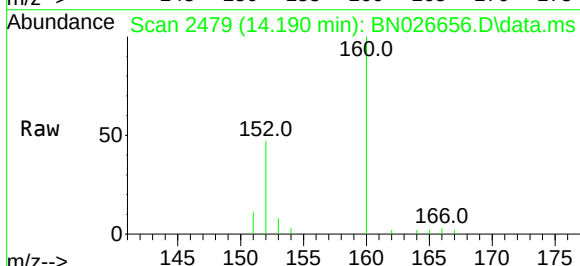
Tgt Ion:152 Resp: 2905

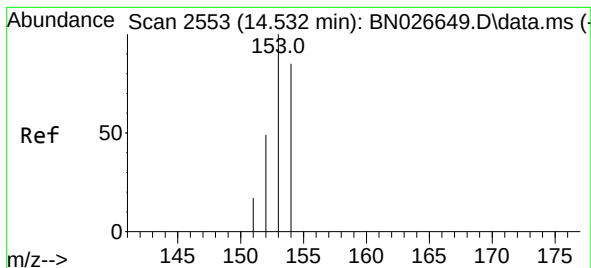
Ion Ratio Lower Upper

152 100

151 23.9 17.0 25.6

153 17.4 11.4 17.2#





#11

Acenaphthene

Concen: 0.142 ng/ul

RT: 14.532 min Scan# 2553

Delta R.T. -0.005 min

Lab File: BN026656.D

Acq: 22 Jul 2023 16:06

Instrument :

BNA_N

ClientSampleId :

A46TODL

Tgt Ion:153 Resp: 4140

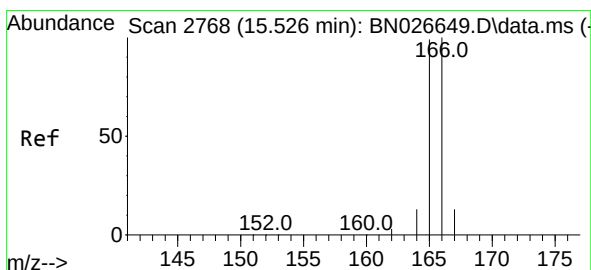
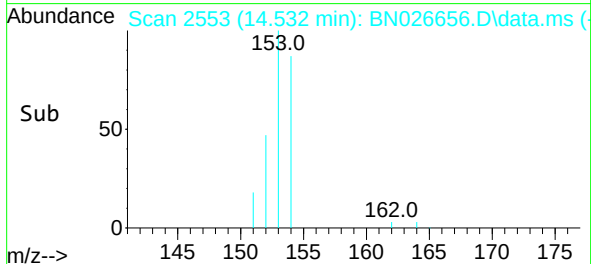
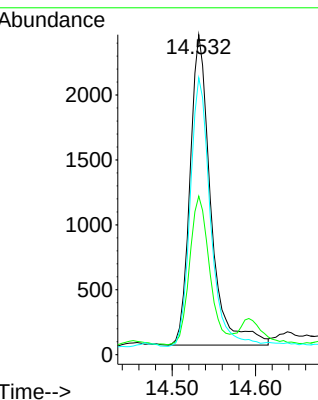
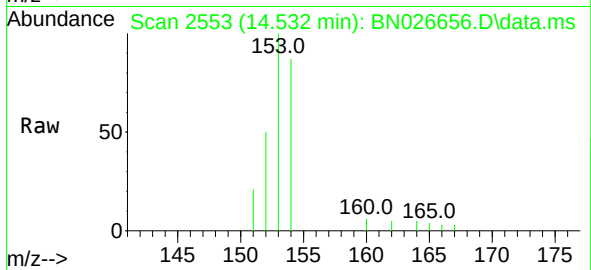
Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.2	60.4
154	86.5	69.3	103.9

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Supervised By :mohammad ahmed 07/24/2023



#12

Fluorene

Concen: 0.135 ng/ul

RT: 15.522 min Scan# 2767

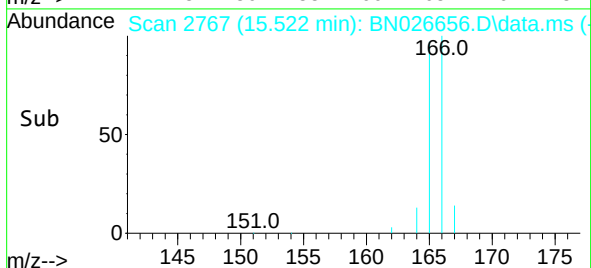
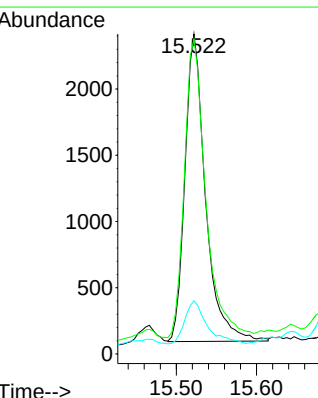
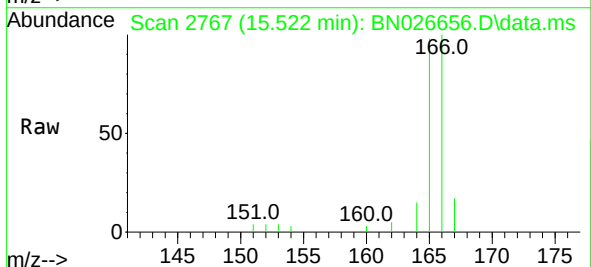
Delta R.T. -0.009 min

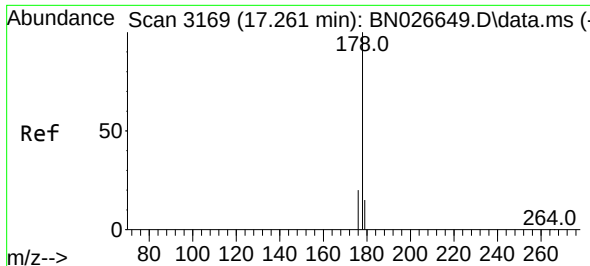
Lab File: BN026656.D

Acq: 22 Jul 2023 16:06

Tgt Ion:166 Resp: 4142

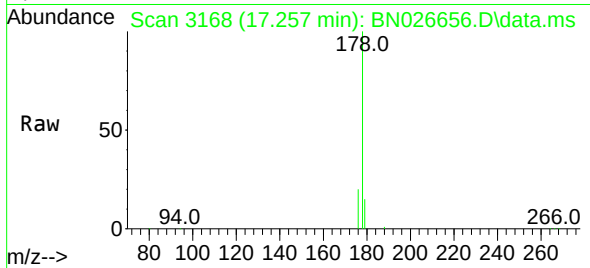
Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.6	120.8
167	16.6	12.0	18.0





#15
Phenanthrene
Concen: 1.122 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

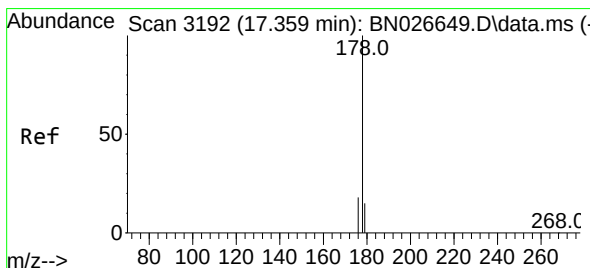
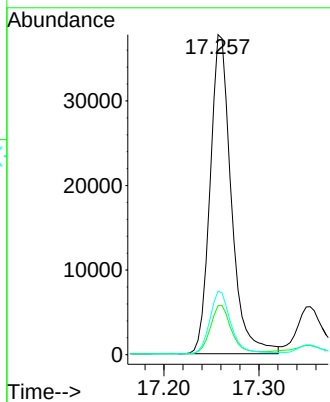
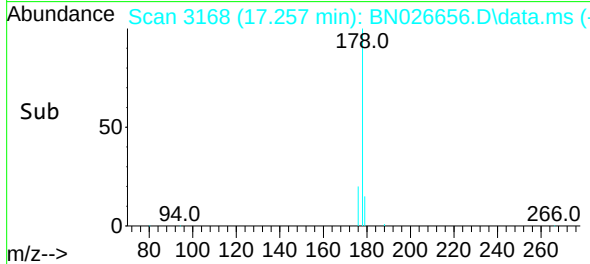
Instrument :
BNA_N
ClientSampleId :
A46TODL



Tgt Ion:178 Resp: 5857
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.9 16.5 24.7

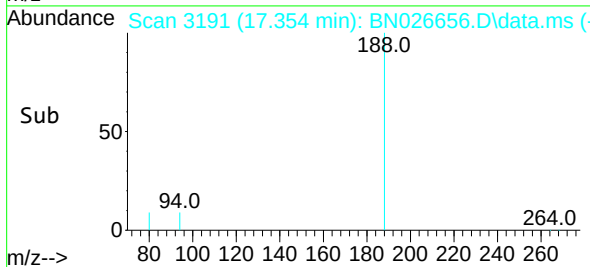
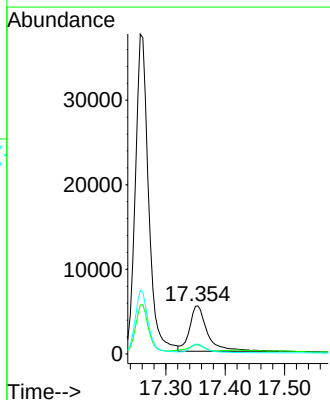
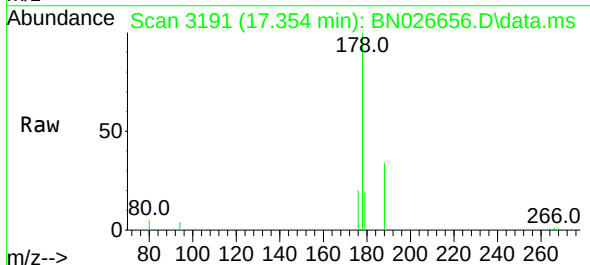
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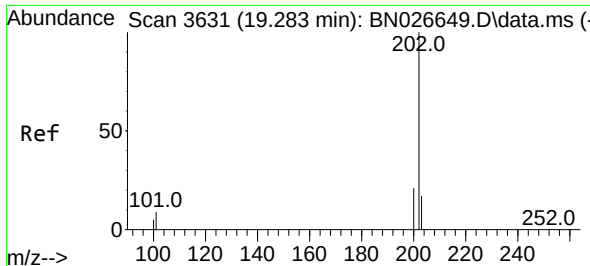
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.247 ng/u1
RT: 17.354 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

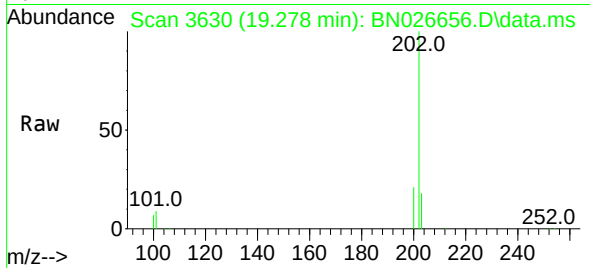
Tgt Ion:178 Resp: 11203
Ion Ratio Lower Upper
178 100
179 19.2 14.8 22.2
176 20.5 16.6 25.0





#19
Fluoranthene
Concen: 2.065 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

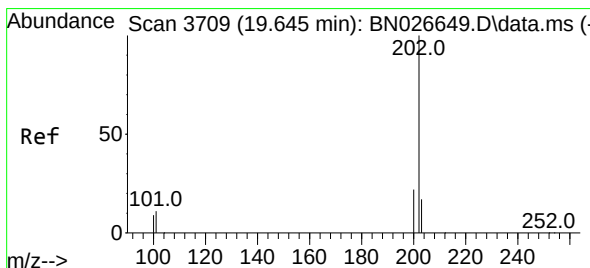
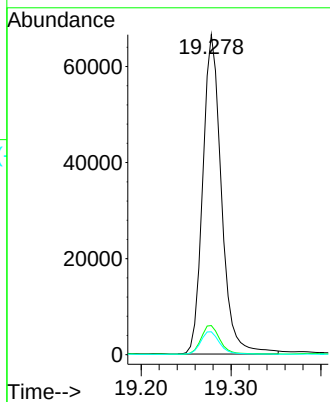
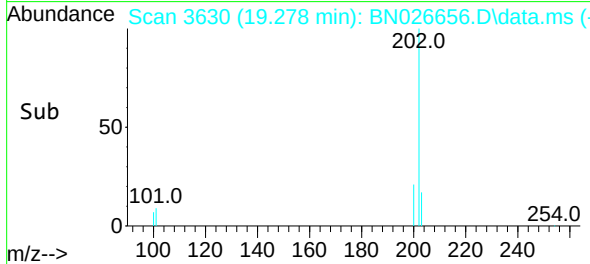
Instrument :
BNA_N
ClientSampleId :
A46TODL



Tgt Ion:202 Resp: 96415
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.4
100 7.2 6.0 9.0

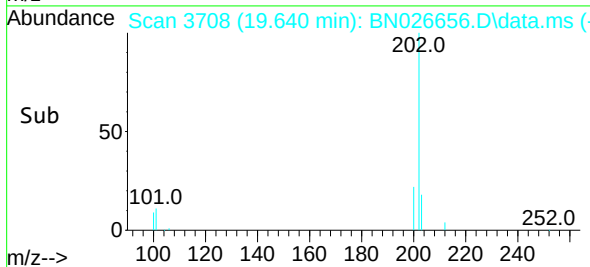
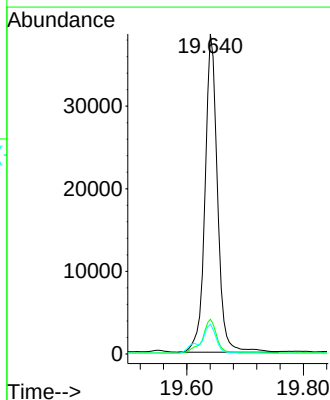
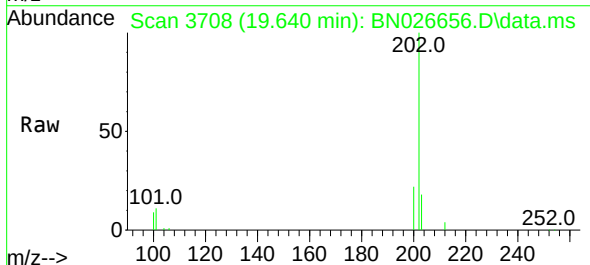
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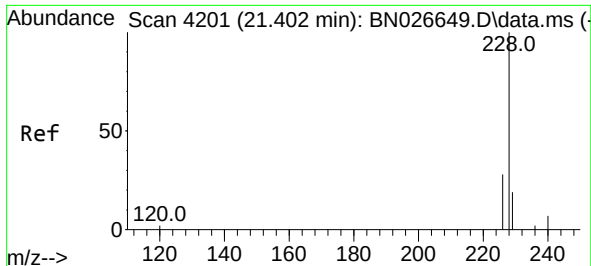
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 1.135 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

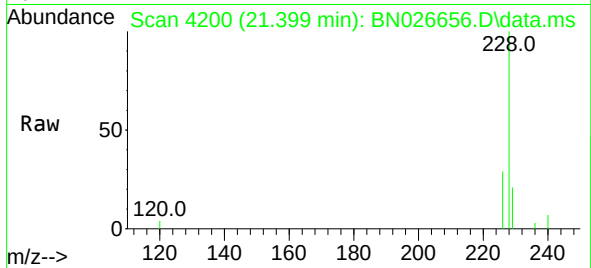
Tgt Ion:202 Resp: 57537
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 9.3 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.807 ng/u1
RT: 21.399 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

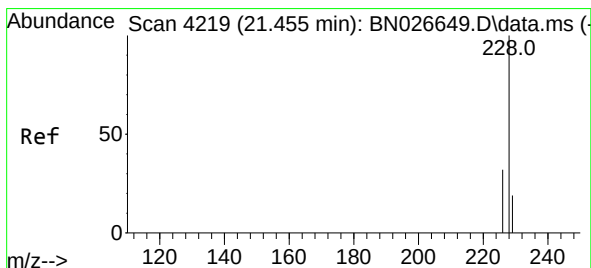
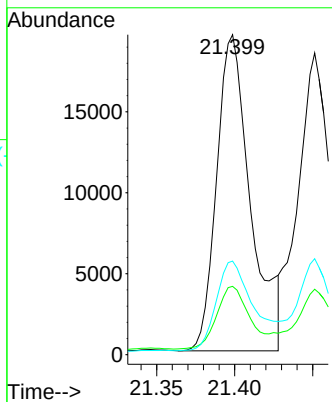
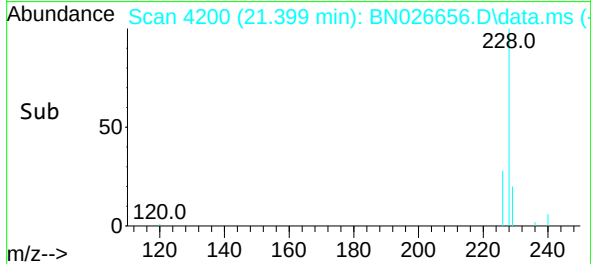
Instrument :
BNA_N
ClientSampleId :
A46TODL



Tgt Ion:228 Resp: 2953
Ion Ratio Lower Upper
228 100
229 21.4 16.7 25.1
226 29.2 23.5 35.3

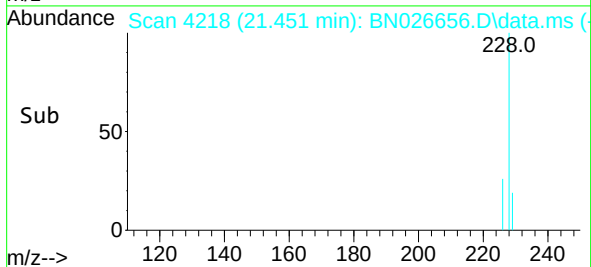
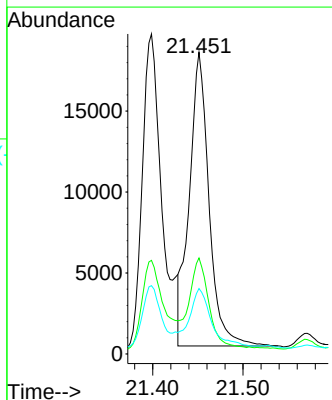
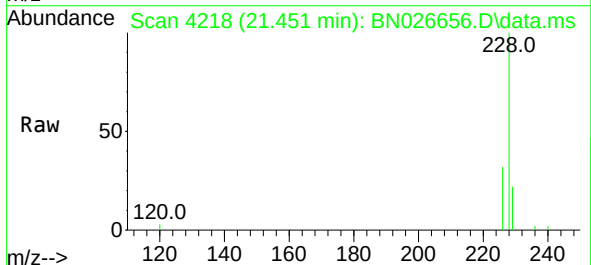
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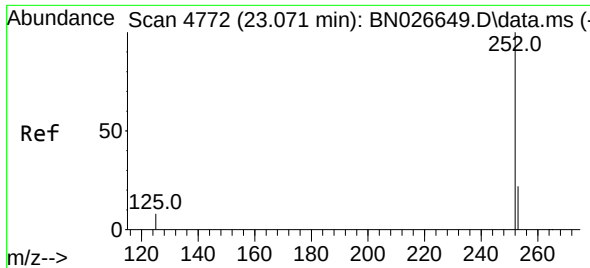
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.659 ng/u1
RT: 21.451 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

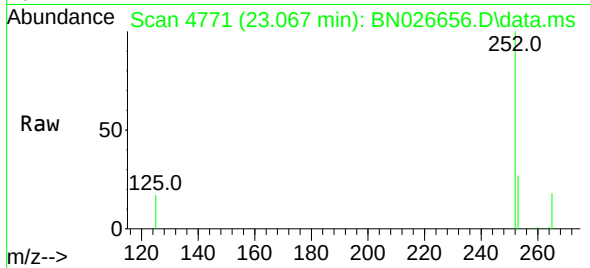
Tgt Ion:228 Resp: 27457
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.785 ng/ul m
RT: 23.067 min Scan# 4771
Delta R.T. -0.012 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

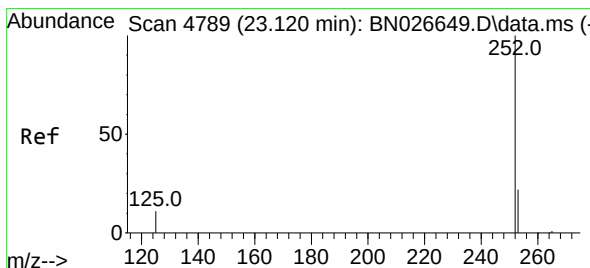
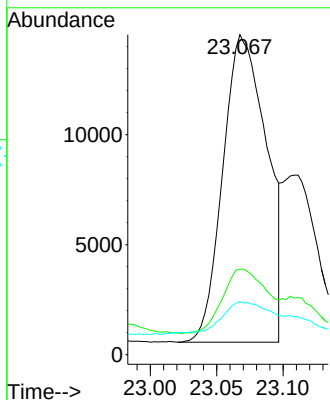
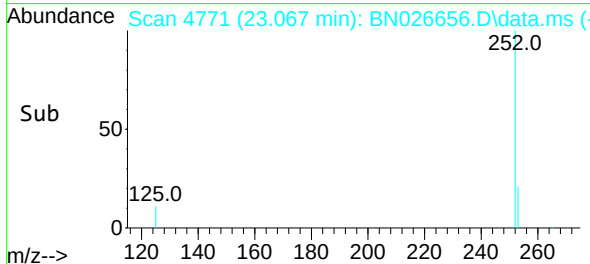
Instrument :
BNA_N
ClientSampleId :
A46TODL



Tgt Ion:252 Resp: 3203
Ion Ratio Lower Upper
252 100
253 26.7 0.0 68.6
125 16.6 0.0 34.0

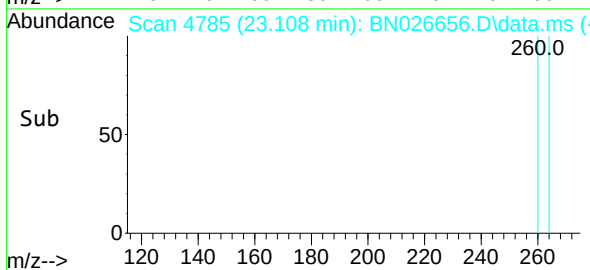
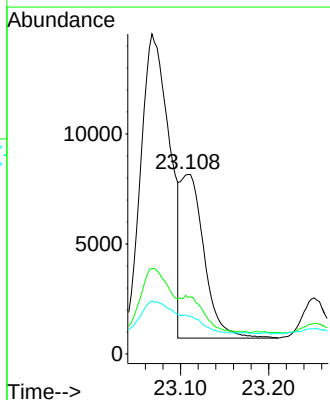
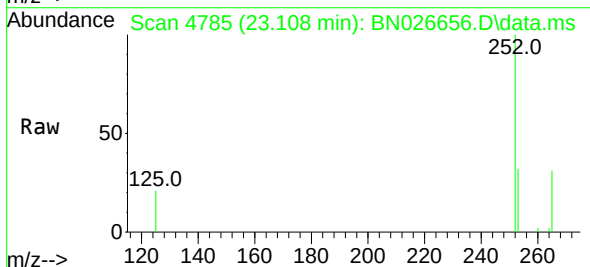
Manual Integrations
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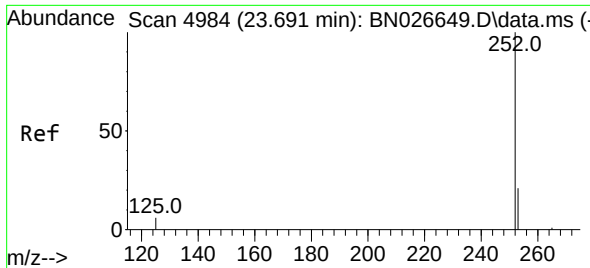
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.021 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

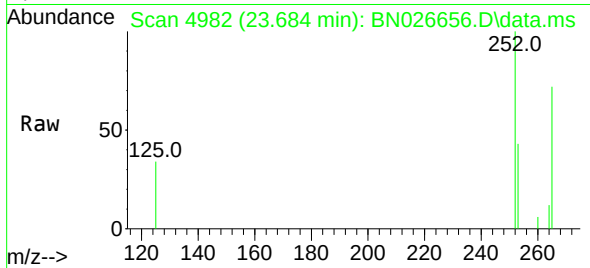
Tgt Ion:252 Resp: 14017
Ion Ratio Lower Upper
252 100
253 31.6 27.2 40.8
125 21.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.190 ng/ul
RT: 23.684 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06

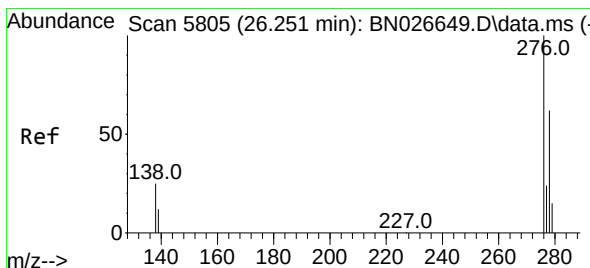
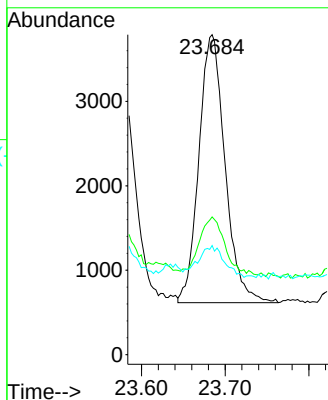
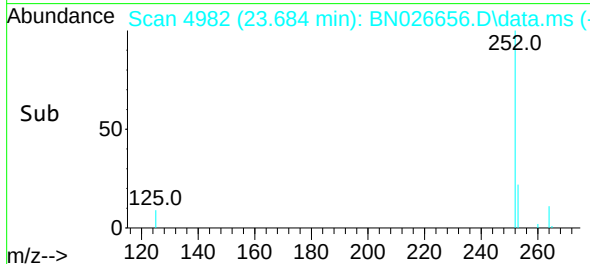
Instrument :
BNA_N
ClientSampleId :
A46TODL



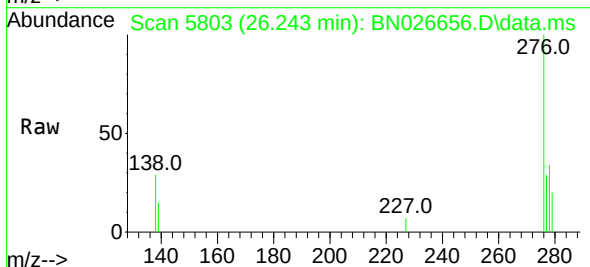
Tgt Ion:252 Resp: 6895
Ion Ratio Lower Upper
252 100
253 43.1 32.6 49.0
125 34.1 19.3 28.9

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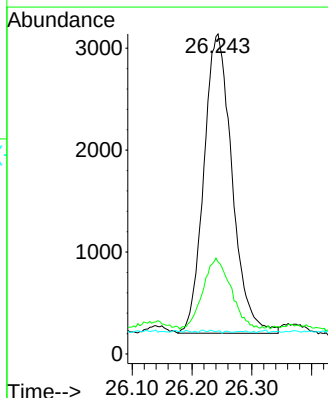
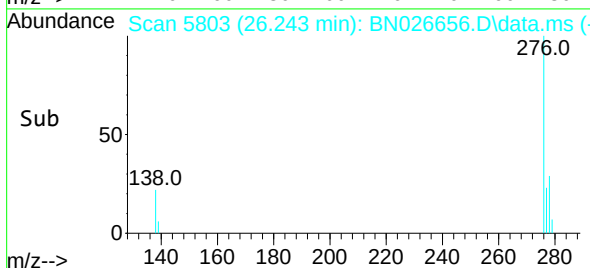
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

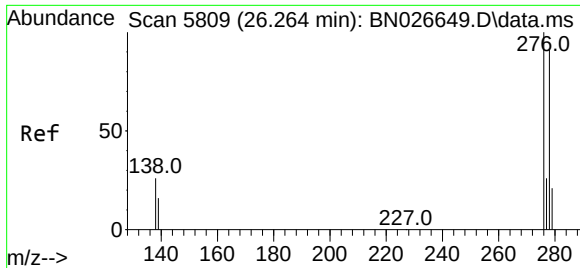


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.243 min Scan# 5803
Delta R.T. -0.014 min
Lab File: BN026656.D
Acq: 22 Jul 2023 16:06



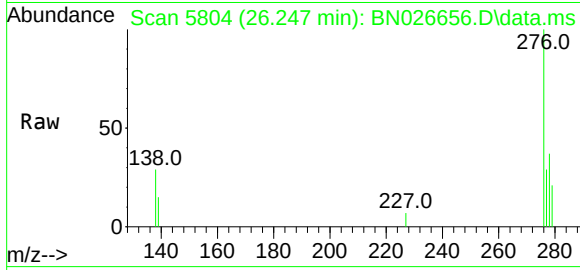
Tgt Ion:276 Resp: 9612
Ion Ratio Lower Upper
276 100
138 23.7 22.2 33.4
227 0.3 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.096 ng/ul
 RT: 26.247 min Scan# 5804
 Delta R.T. -0.028 min
 Lab File: BN026656.D
 Acq: 22 Jul 2023 16:06

Instrument :
 BNA_N
 ClientSampleId :
 A46T0DL



Tgt Ion:278 Resp: 3519
 Ion Ratio Lower Upper
 278 100
 139 39.9 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

