

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026590.D
 Acq On : 19 Jul 2023 09:08
 Operator : MA/JU
 Sample : 03501-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 09:48:27 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 : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	3209	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.726	136	10083	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.566	164	6959	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	116209	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.520	240	10421	0.400	ng/ul	0.00
23) Perylene-d12	23.955	264	10147	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12644	2.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	3842	0.280	ng/ul	-0.02
18) Fluoranthene-d10	19.350	212	8604	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	17836	0.644	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	12622	0.803	ng/ul	99
8) 1-Methylnaphthalene	12.613	142	12890	0.766	ng/ul	97
10) Acenaphthylene	14.288	152	12007	0.352	ng/ul#	86
11) Acenaphthene	14.630	153	45377	1.748	ng/ul	98
12) Fluorene	15.616	166	62798	2.306	ng/ul	100
15) Phenanthrene	17.360	178	695169	1.878	ng/ul	97
16) Anthracene	17.452	178	88170	0.275	ng/ul	96
19) Fluoranthene	19.382	202	657357	13.457	ng/ul#	96
20) Pyrene	19.745	202	324185	6.111	ng/ul	98
21) Benzo(a)anthracene	21.506	228	219777	5.739	ng/ul	98
22) Chrysene	21.558	228	217474	4.989	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	205860m	5.207	ng/ul	
25) Benzo(k)fluoranthene	23.256	252	87209m	2.105	ng/ul	
26) Benzo(a)pyrene	23.847	252	28016	0.796	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.487	276	42002	0.911	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.494	278	25653	0.725	ng/ul	93
29) Benzo(g,h,i)perylene	27.269	276	2390	0.059	ng/ul#	42

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

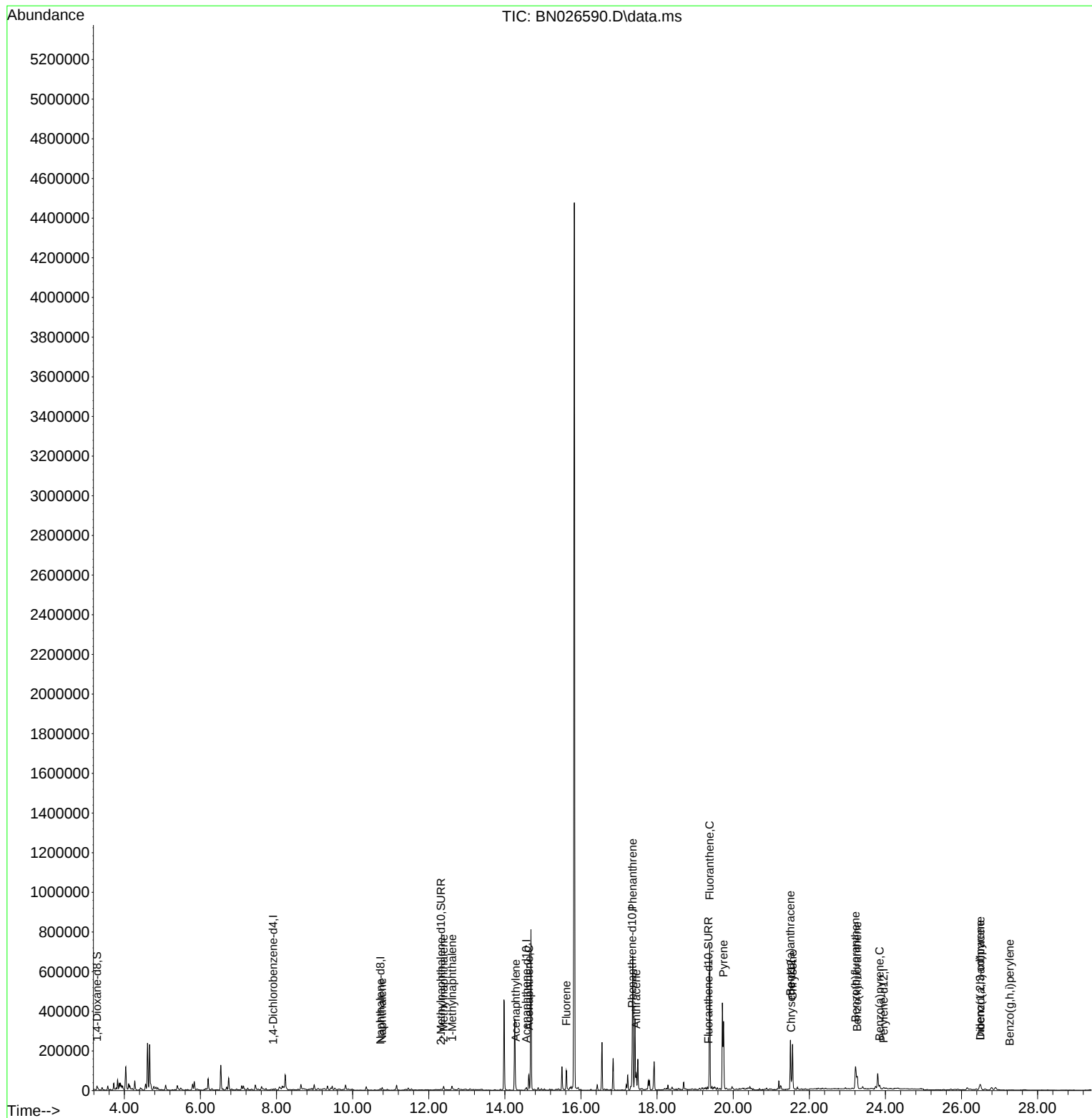
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026590.D
Acq On : 19 Jul 2023 09:08
Operator : MA/JU
Sample : 03501-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

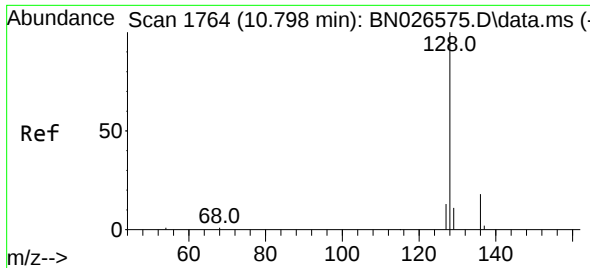
Instrument :
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A46X7

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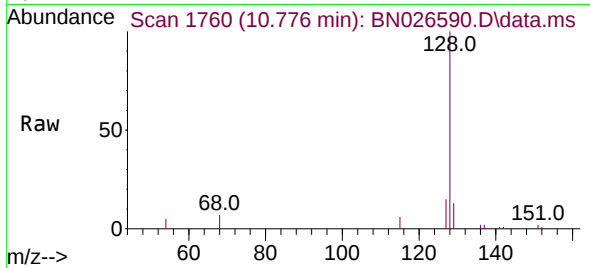
Quant Time: Jul 19 09:48:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.644 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. -0.022 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

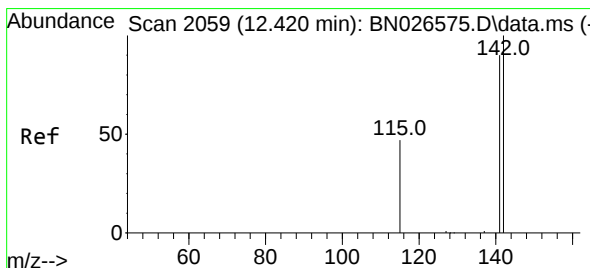
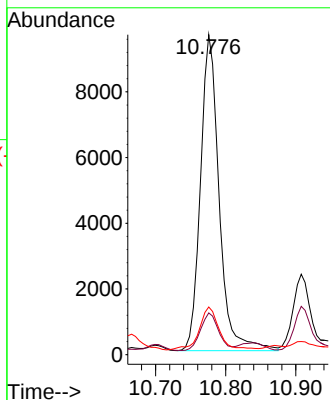
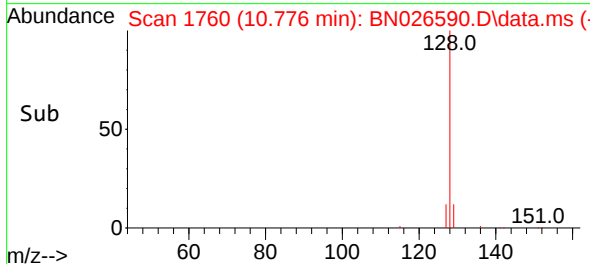
Instrument :
BNA_N
ClientSampleId :
A46X7



Tgt Ion:128 Resp: 17830
Ion Ratio Lower Upper
128 100
129 13.0 10.2 15.2
127 14.9 11.4 17.0

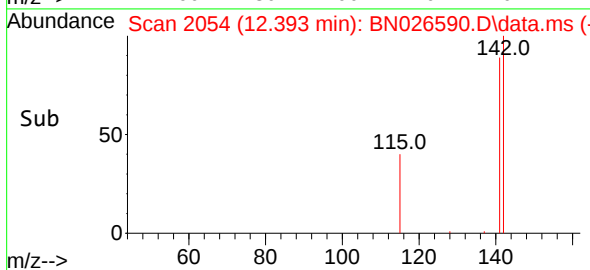
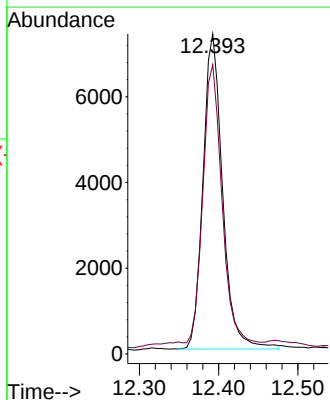
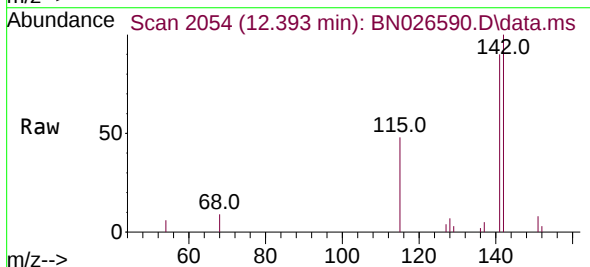
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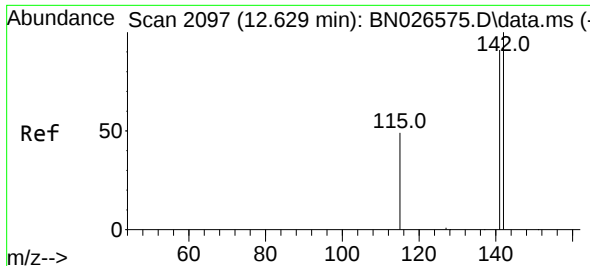
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.803 ng/ul
RT: 12.393 min Scan# 2054
Delta R.T. -0.027 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

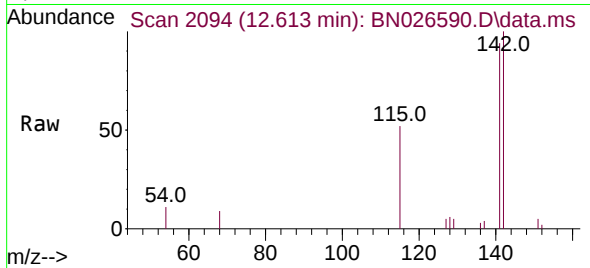
Tgt Ion:142 Resp: 12622
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.613 min Scan# 2094
Delta R.T. -0.016 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

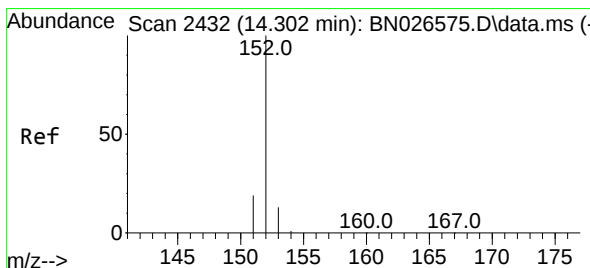
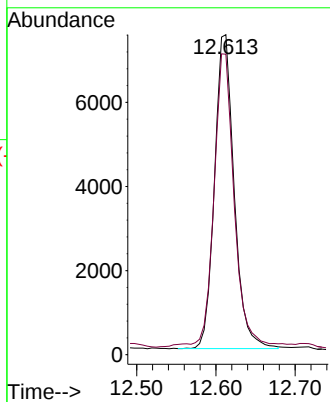
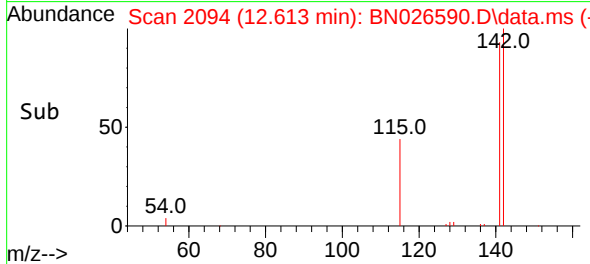
Instrument :
BNA_N
ClientSampleId :
A46X7



Tgt Ion:142 Resp: 12890
Ion Ratio Lower Upper
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141 96.5 74.5 111.7

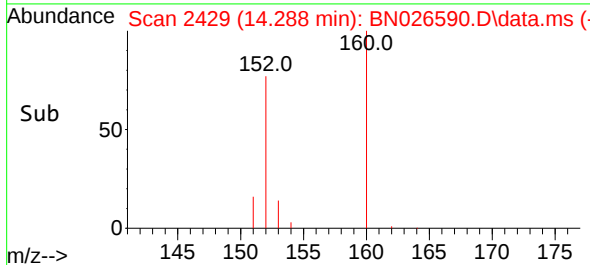
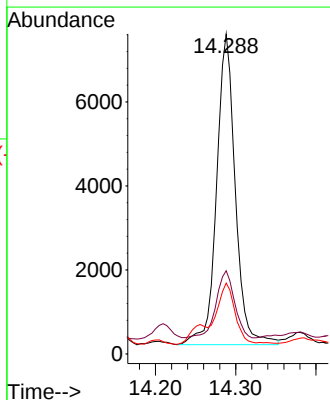
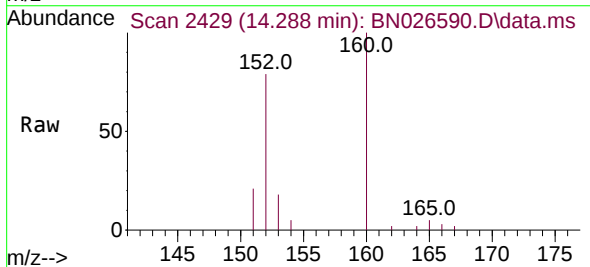
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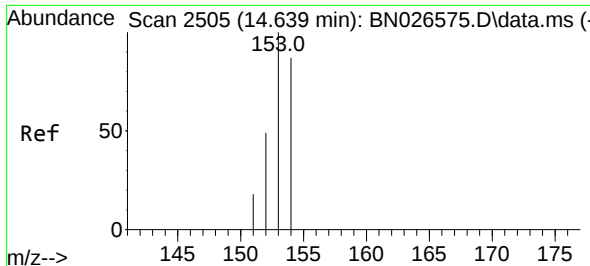
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.014 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

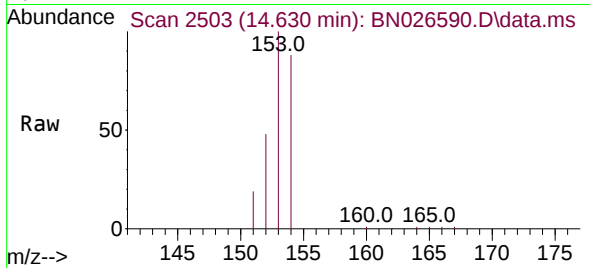
Tgt Ion:152 Resp: 12007
Ion Ratio Lower Upper
152 100
151 26.0 17.0 25.6#
153 22.2 11.4 17.2#





#11
Acenaphthene
Concen: 1.748 ng/ul
RT: 14.630 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

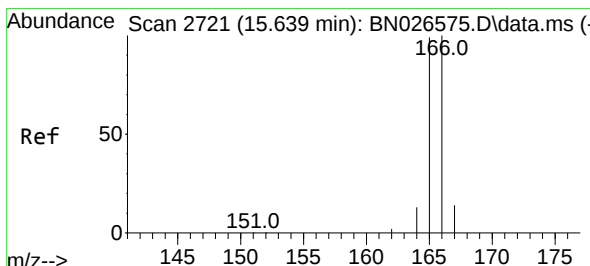
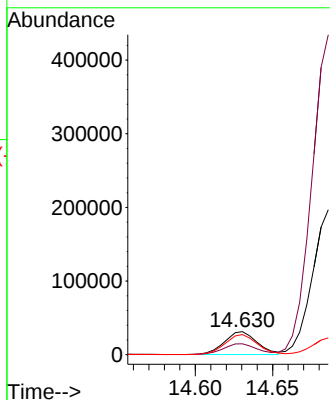
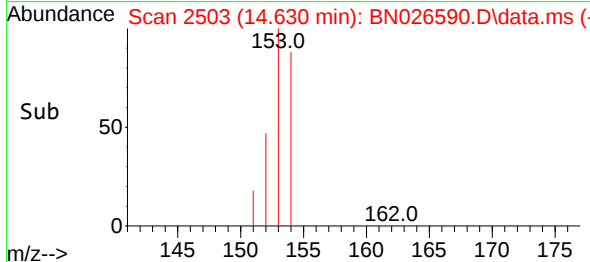
Instrument :
BNA_N
ClientSampleId :
A46X7



Tgt Ion:153 Resp: 4537
Ion Ratio Lower Upper
153 100
152 47.6 40.2 60.4
154 87.5 69.3 103.9

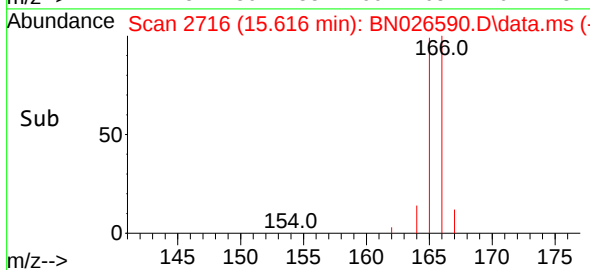
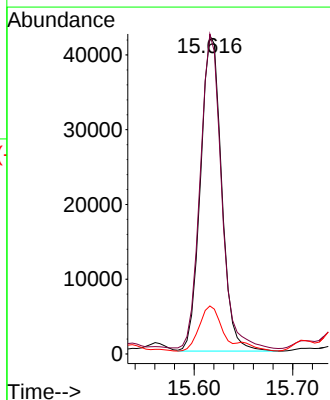
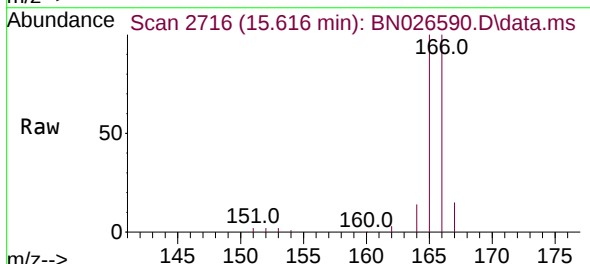
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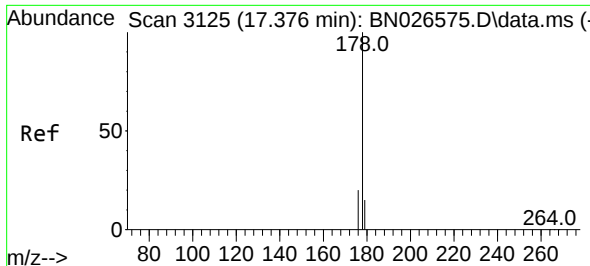
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 2.306 ng/ul
RT: 15.616 min Scan# 2716
Delta R.T. -0.023 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

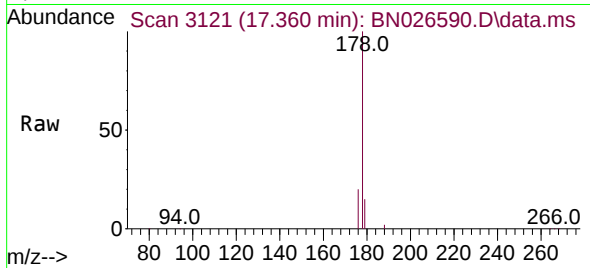
Tgt Ion:166 Resp: 62798
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 15.1 12.0 18.0





#15
Phenanthrene
Concen: 1.878 ng/u1
RT: 17.360 min Scan# 3125
Delta R.T. -0.017 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

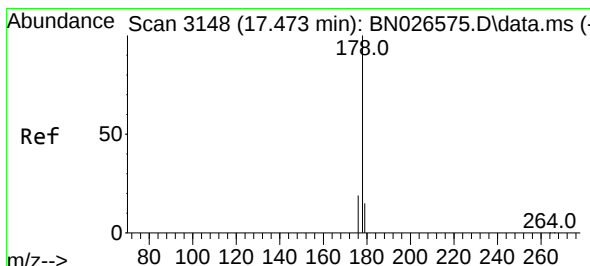
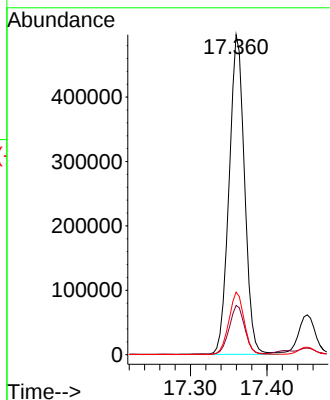
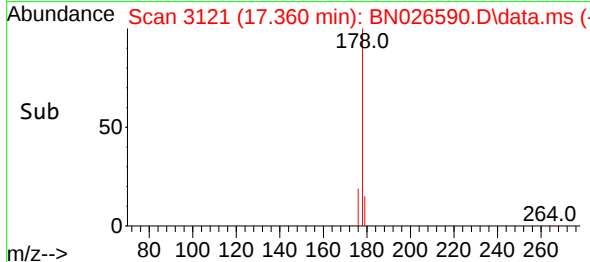
Instrument :
BNA_N
ClientSampleId :
A46X7



Tgt Ion:178 Resp: 695169
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.5 16.5 24.7

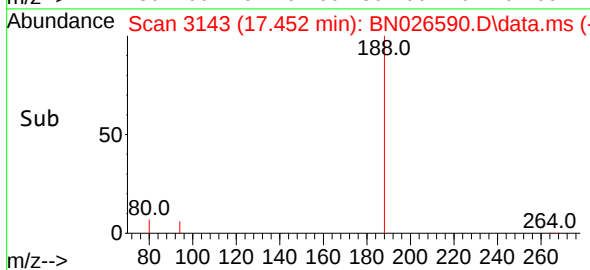
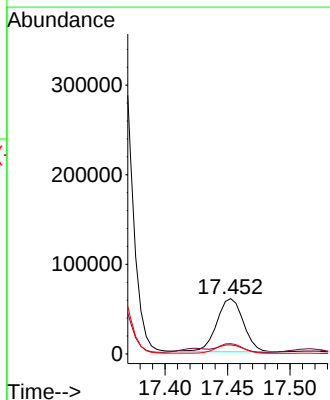
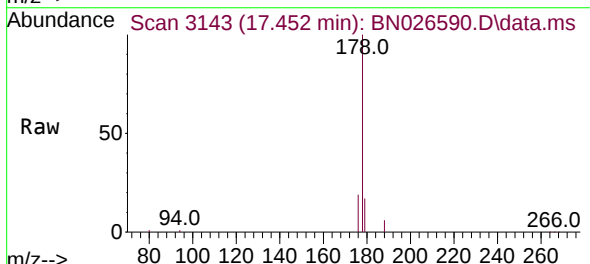
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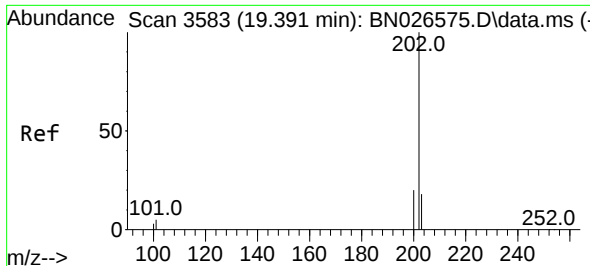
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.275 ng/u1
RT: 17.452 min Scan# 3143
Delta R.T. -0.021 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

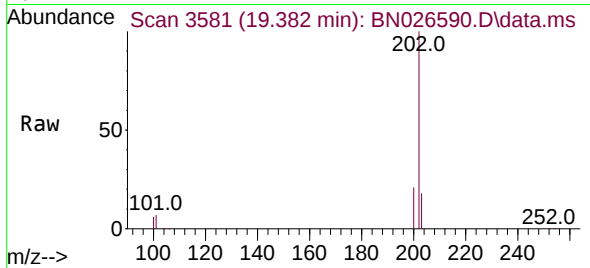
Tgt Ion:178 Resp: 88170
Ion Ratio Lower Upper
178 100
179 16.5 14.8 22.2
176 18.9 16.6 25.0





#19
Fluoranthene
Concen: 13.457 ng/u1
RT: 19.382 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

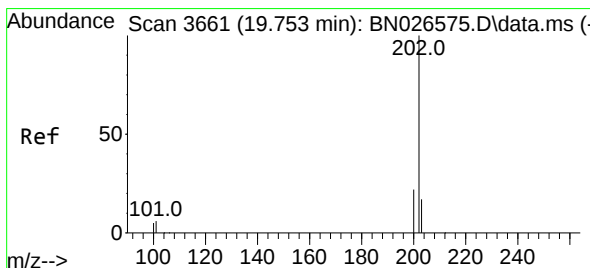
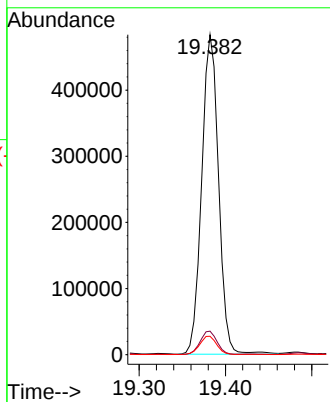
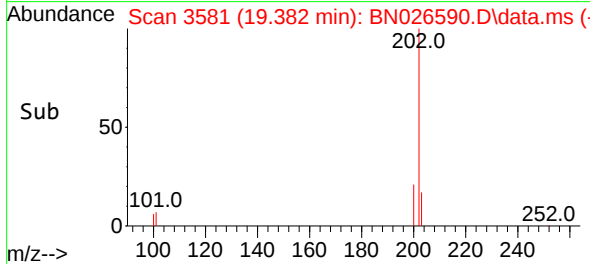
Instrument :
BNA_N
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Tgt Ion:202 Resp: 65735
Ion Ratio Lower Upper
202 100
101 7.3 7.0 10.4
100 5.8 6.0 9.0

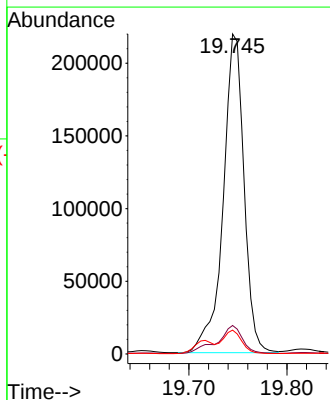
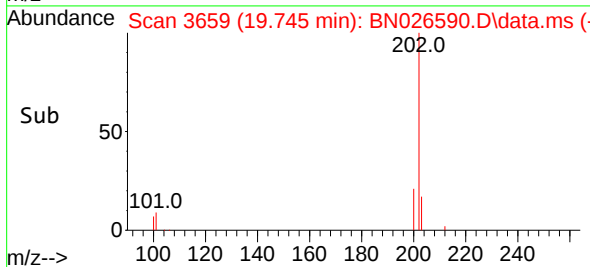
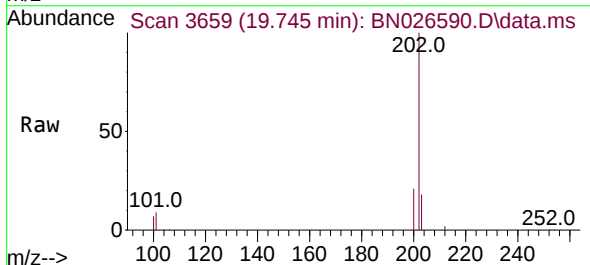
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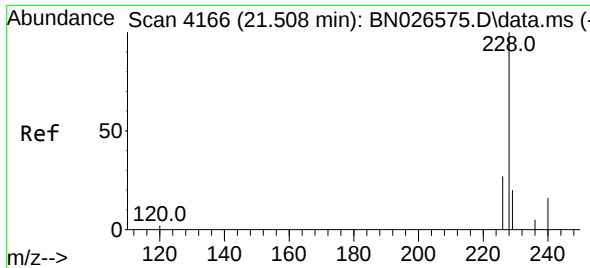
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 6.111 ng/u1
RT: 19.745 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

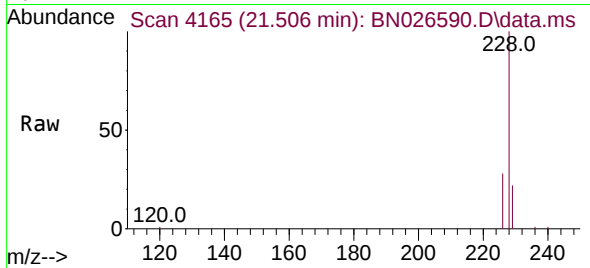
Tgt Ion:202 Resp: 324185
Ion Ratio Lower Upper
202 100
101 8.9 8.0 12.0
100 7.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 5.739 ng/ul
RT: 21.506 min Scan# 4166
Delta R.T. -0.002 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

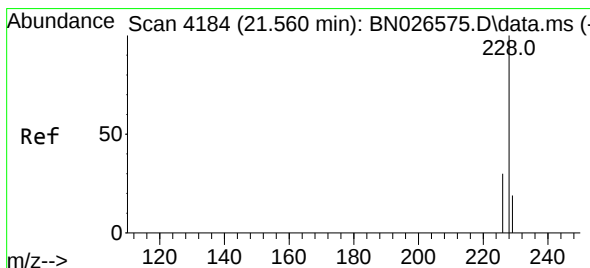
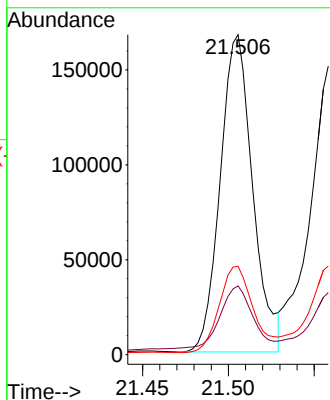
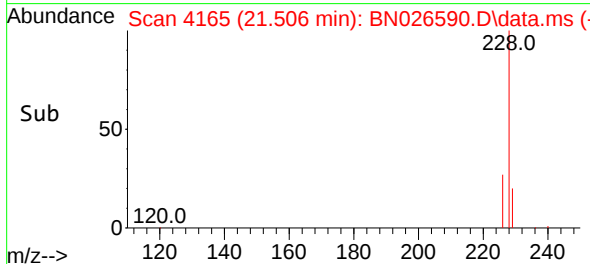
Instrument :
BNA_N
ClientSampleId :
A46X7



Tgt Ion:228 Resp: 21977
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 27.6 23.5 35.3

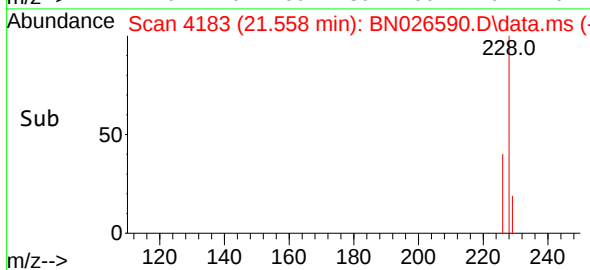
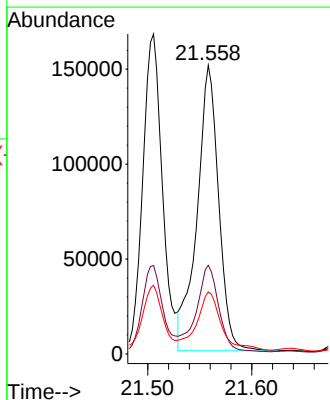
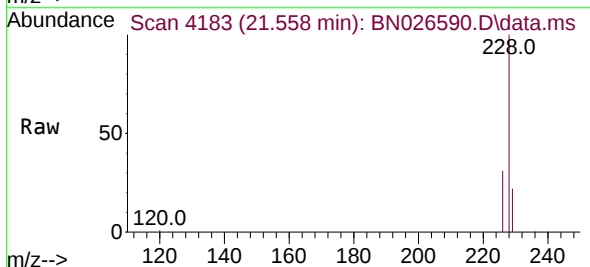
Manual Integrations
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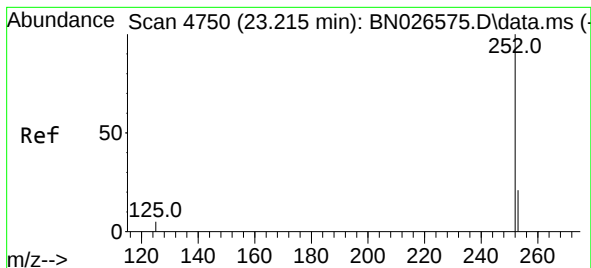
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 4.989 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. -0.002 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

Tgt Ion:228 Resp: 217474
Ion Ratio Lower Upper
228 100
226 30.7 25.2 37.8
229 21.5 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 5.207 ng/ul m

RT: 23.213 min Scan# 4750

Delta R.T. -0.002 min

Lab File: BN026590.D

Acq: 19 Jul 2023 09:08

Instrument :

BNA_N

ClientSampleId :

A46X7

Tgt Ion:252 Resp: 205860

Ion Ratio Lower Upper

252 100

253 23.8 0.0 68.6

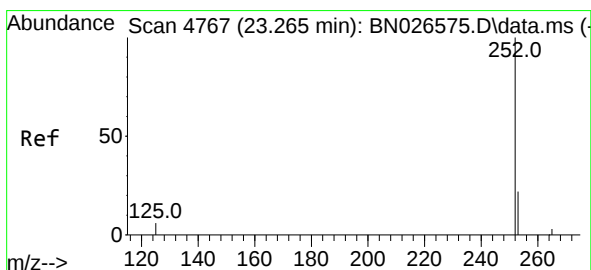
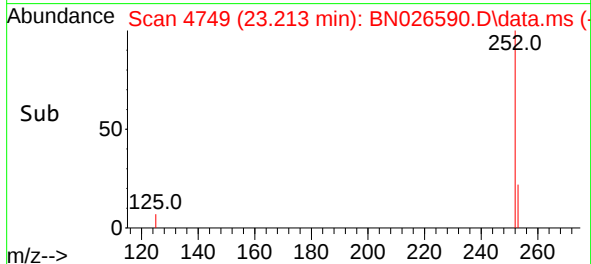
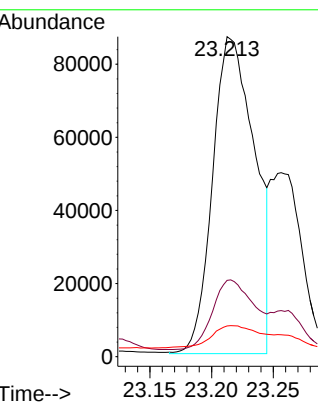
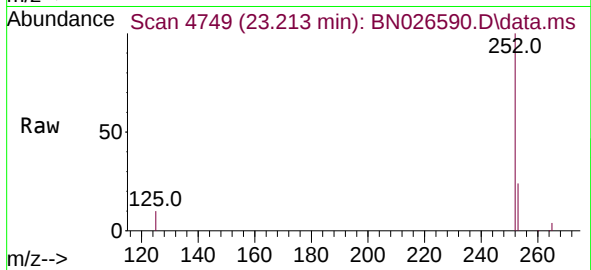
125 9.6 0.0 34.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#25

Benzo(k)fluoranthene

Concen: 2.105 ng/ul m

RT: 23.256 min Scan# 4764

Delta R.T. -0.008 min

Lab File: BN026590.D

Acq: 19 Jul 2023 09:08

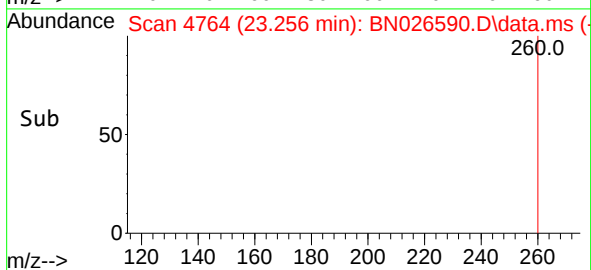
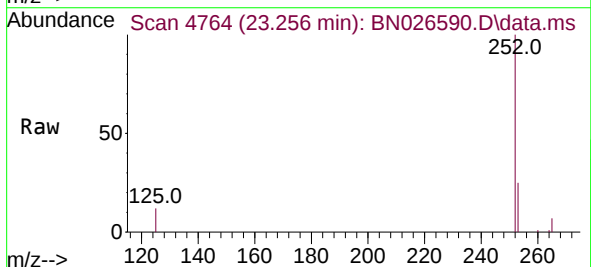
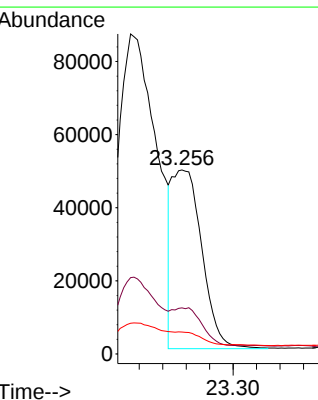
Tgt Ion:252 Resp: 87209

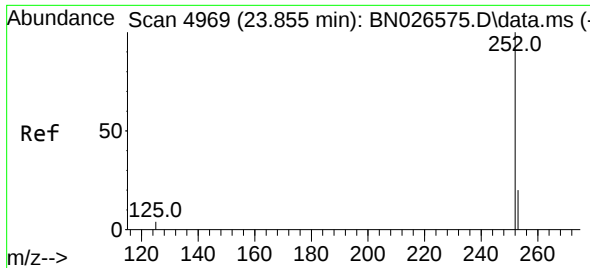
Ion Ratio Lower Upper

252 100

253 25.1 27.2 40.8#

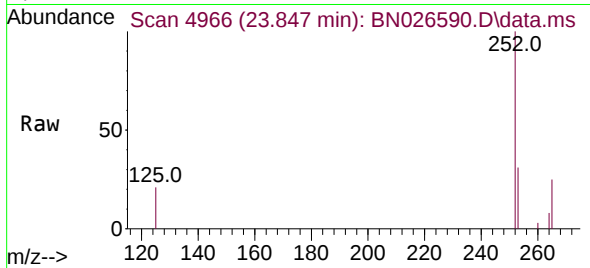
125 11.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.796 ng/ul
RT: 23.847 min Scan# 4969
Delta R.T. -0.008 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08

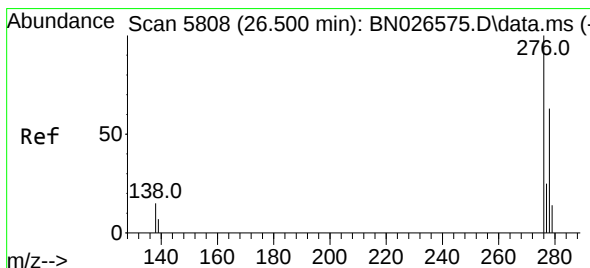
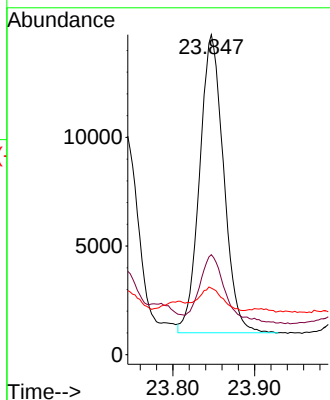
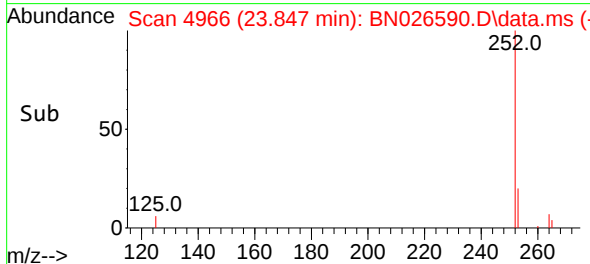
Instrument :
BNA_N
ClientSampleId :
A46X7



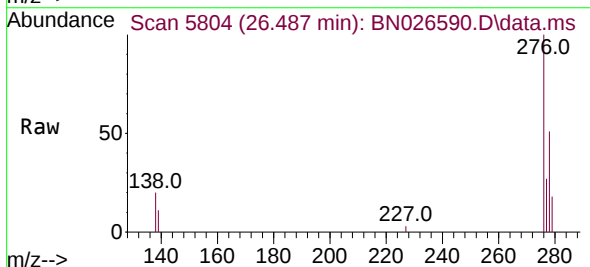
Tgt Ion:252 Resp: 28010
Ion Ratio Lower Upper
252 100
253 31.3 32.6 49.0#
125 20.8 19.3 28.9

Manual Integrations
APPROVED

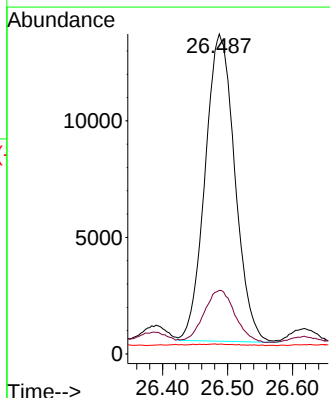
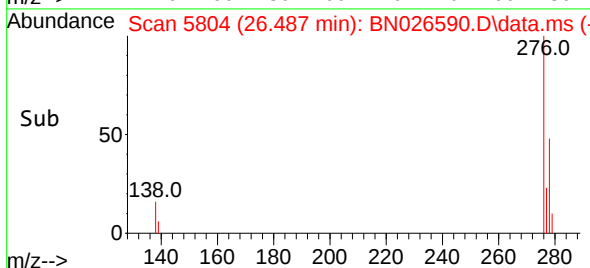
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

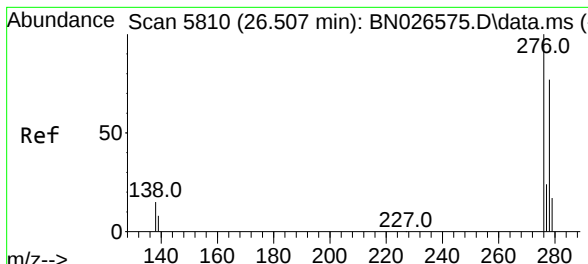


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.911 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. -0.013 min
Lab File: BN026590.D
Acq: 19 Jul 2023 09:08



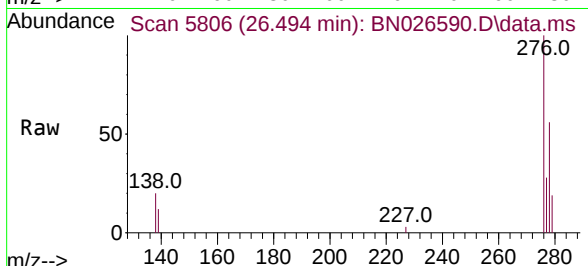
Tgt Ion:276 Resp: 42002
Ion Ratio Lower Upper
276 100
138 17.6 22.2 33.4#
227 0.3 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.725 ng/ul
 RT: 26.494 min Scan# 5806
 Delta R.T. -0.013 min
 Lab File: BN026590.D
 Acq: 19 Jul 2023 09:08

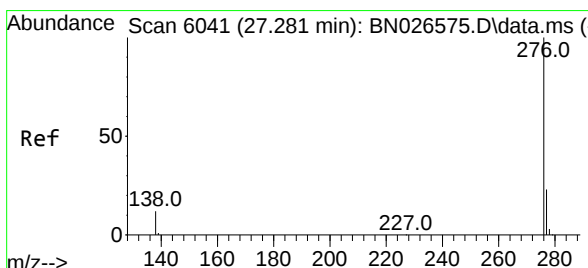
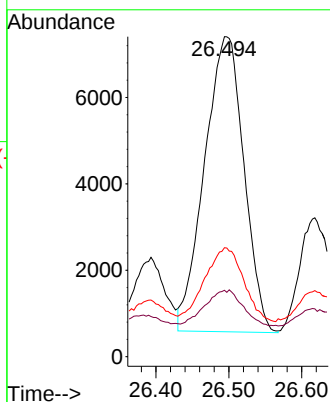
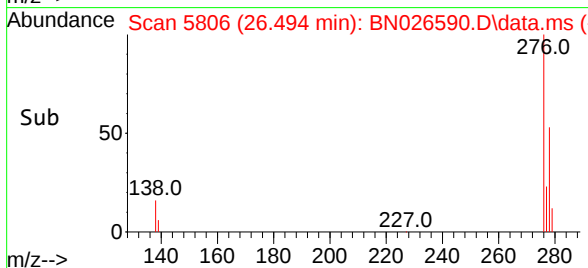
Instrument :
 BNA_N
 ClientSampleId :
 A46X7



Tgt Ion:278 Resp: 2565
 Ion Ratio Lower Upper
 278 100
 139 20.8 18.9 28.3
 279 34.0 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.059 ng/ul
 RT: 27.269 min Scan# 6037
 Delta R.T. -0.013 min
 Lab File: BN026590.D
 Acq: 19 Jul 2023 09:08

Tgt Ion:276 Resp: 2390
 Ion Ratio Lower Upper
 276 100
 138 56.9 22.6 34.0#
 277 59.5 21.8 32.8#

