

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032330.D
 Acq On : 29 Jun 2024 01:27
 Operator : MA/JU
 Sample : P2934-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 02:58:55 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 27 13:23:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	21061	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	25769m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	22803m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	24584m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	27250	3.479	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	6828	0.216	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	15768m	0.230	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	4532	0.081	ng/ul#	94
7) 2-Methylnaphthalene	12.065	142	1708	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.284	142	1420	0.037	ng/ul	98
10) Acenaphthylene	13.980	152	8346	0.163	ng/ul	96
11) Acenaphthene	14.322	153	7087	0.178	ng/ul	99
12) Fluorene	15.312	166	8720	0.184	ng/ul	98
15) Phenanthrene	17.054	178	210507m	2.980	ng/ul	
16) Anthracene	17.142	178	36945m	0.586	ng/ul	
19) Fluoranthene	19.078	202	529293m	6.096	ng/ul	
20) Pyrene	19.440	202	354844m	3.910	ng/ul	
21) Benzo(a)anthracene	21.194	228	219807m	2.671	ng/ul	
22) Chrysene	21.246	228	274556m	3.039	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	385534m	3.610	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	136282m	1.313	ng/ul	
26) Benzo(a)pyrene	23.327	252	126625m	1.704	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.659	276	130972m	1.126	ng/ul	
28) Dibenzo(a,h)anthracene	25.659	278	43597m	0.504	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	20652m	0.223	ng/ul	

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

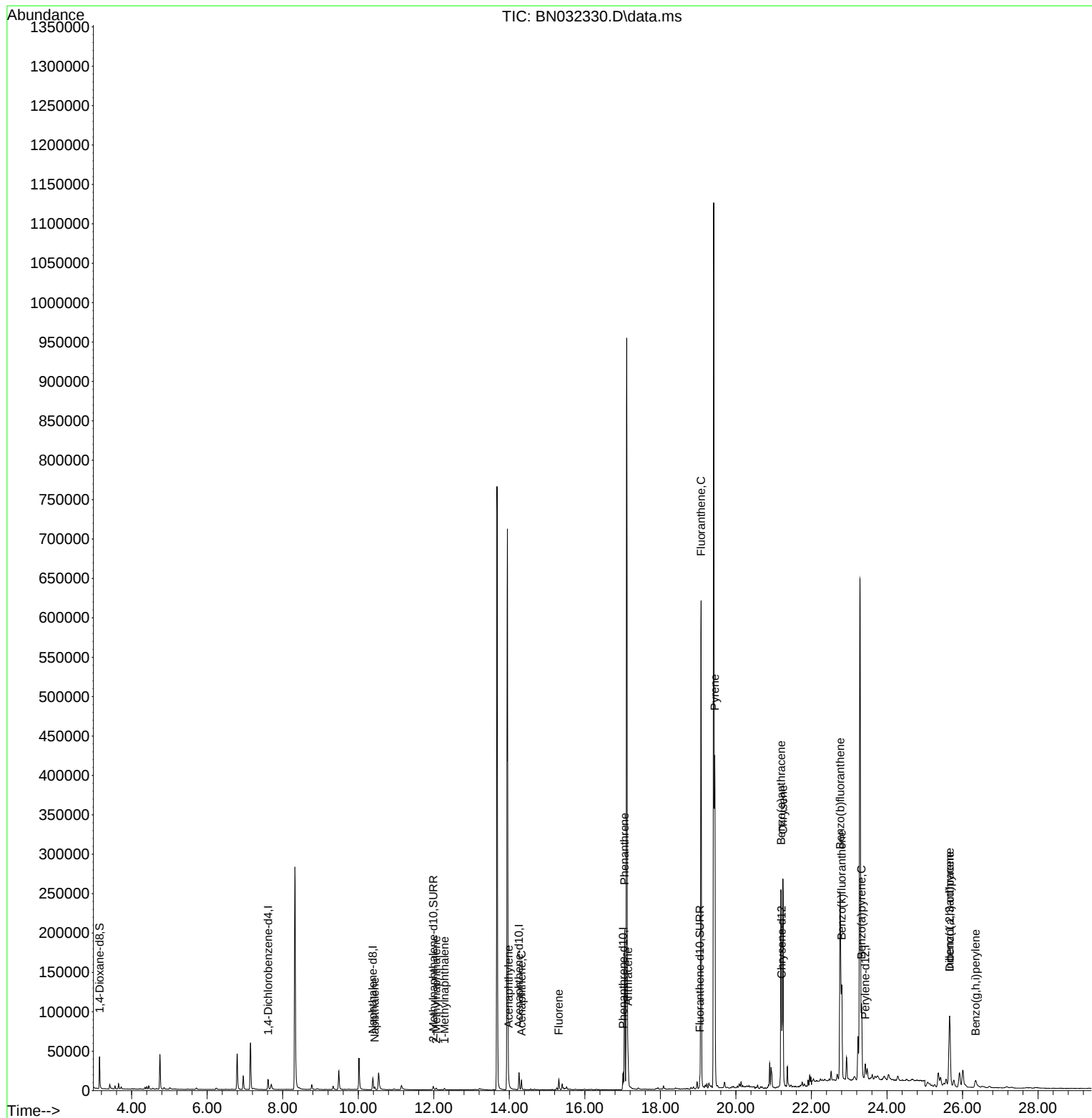
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032330.D
Acq On : 29 Jun 2024 01:27
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ALS Vial : 27 Sample Multiplier: 1

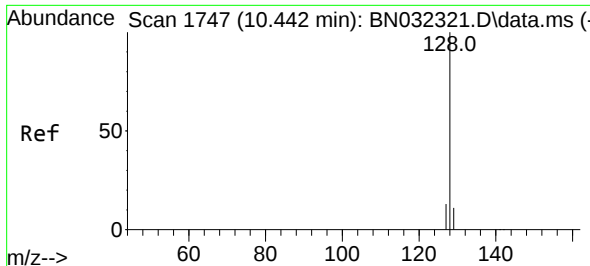
Instrument :
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ClientSampleId :
A4CP7

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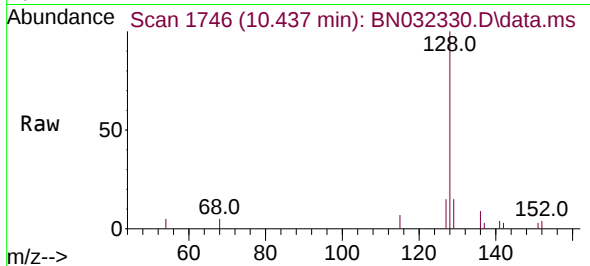
Quant Time: Jun 29 02:58:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

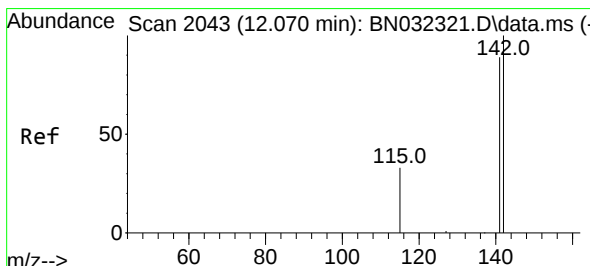
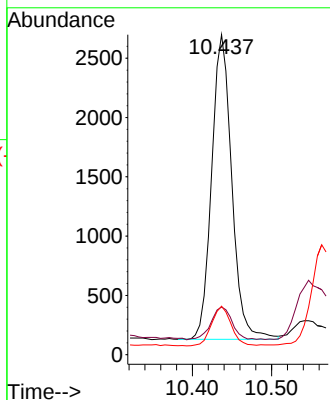
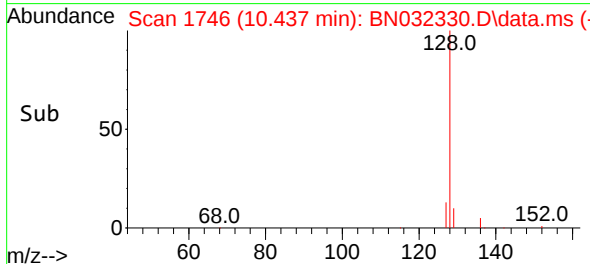
Instrument :
BNA_N
ClientSampleId :
A4CP7



Tgt Ion:128 Resp: 4532
Ion Ratio Lower Upper
128 100
129 14.9 9.2 13.8
127 15.2 10.8 16.2

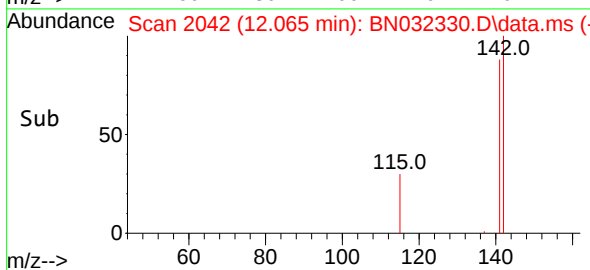
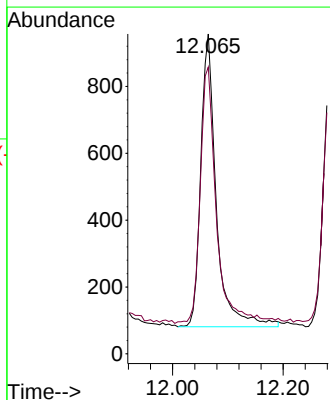
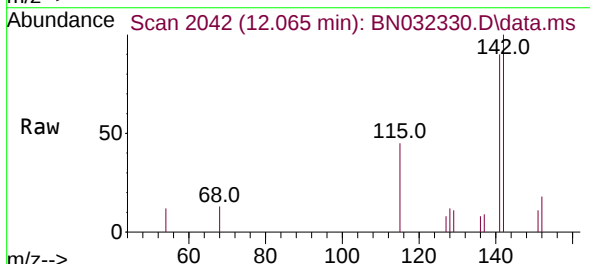
Manual Integrations
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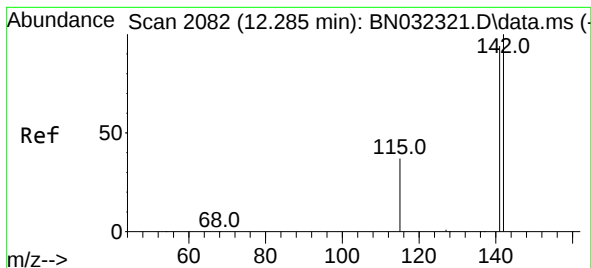
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

Tgt Ion:142 Resp: 1708
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.037 ng/ul

RT: 12.284 min Scan# 2082

Delta R.T. -0.011 min

Lab File: BN032330.D

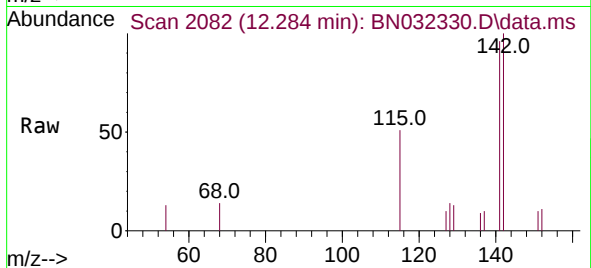
Acq: 29 Jun 2024 01:27

Instrument :

BNA_N

ClientSampleId :

A4CP7



Tgt Ion:142 Resp: 1420

Ion Ratio Lower Upper

142 100

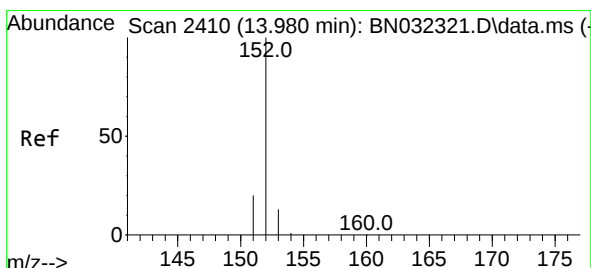
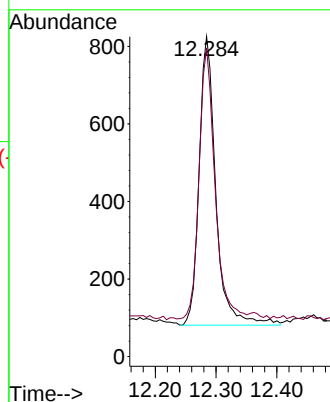
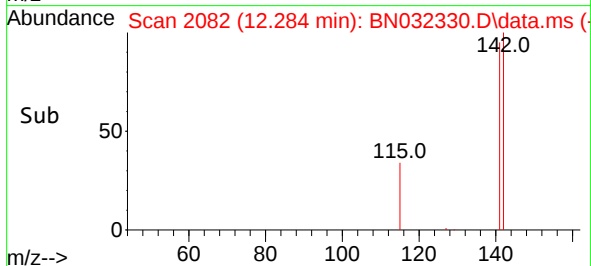
141 89.5 73.4 110.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 07/04/2024



#10

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.980 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN032330.D

Acq: 29 Jun 2024 01:27

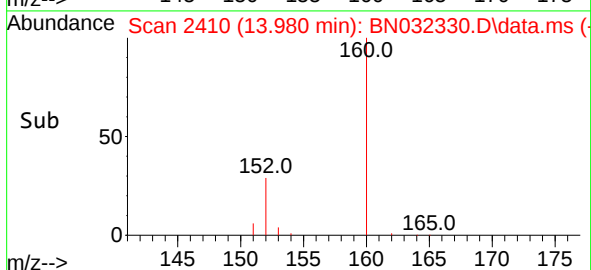
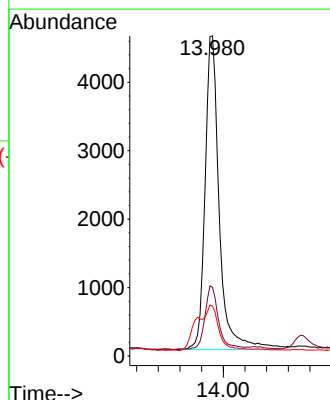
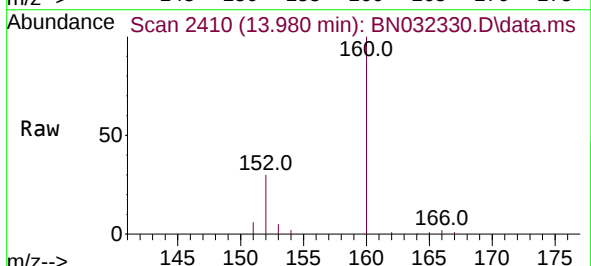
Tgt Ion:152 Resp: 8346

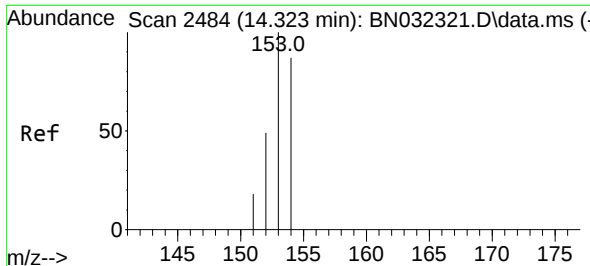
Ion Ratio Lower Upper

152 100

151 21.5 15.7 23.5

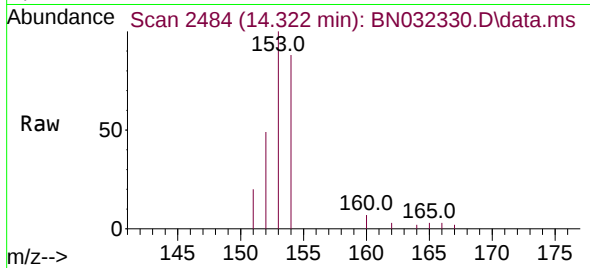
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.178 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.010 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

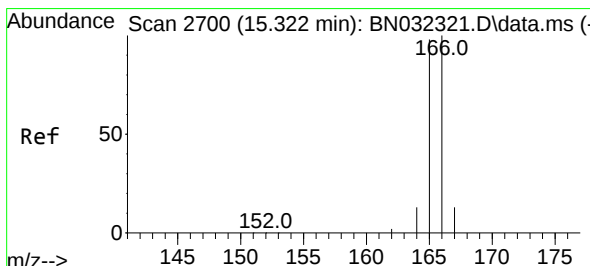
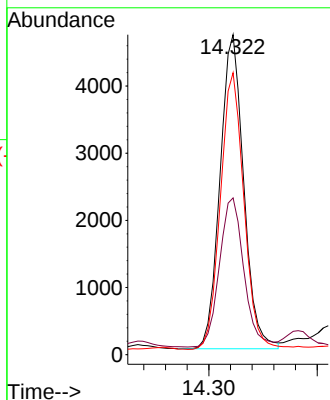
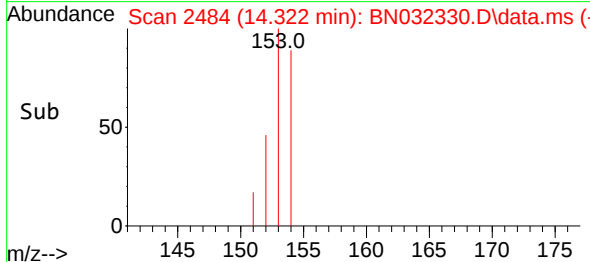
Instrument :
BNA_N
ClientSampleId :
A4CP7



Tgt Ion:153 Resp: 7085
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.1 71.7 107.5

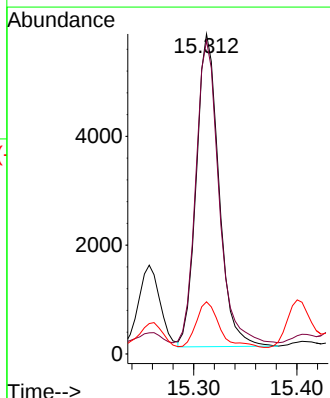
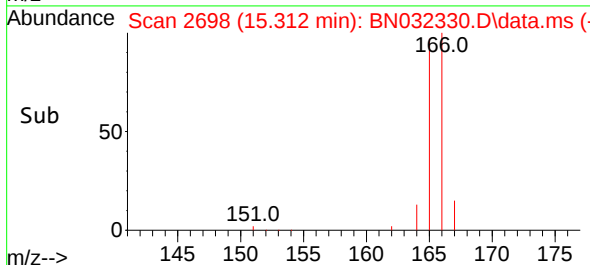
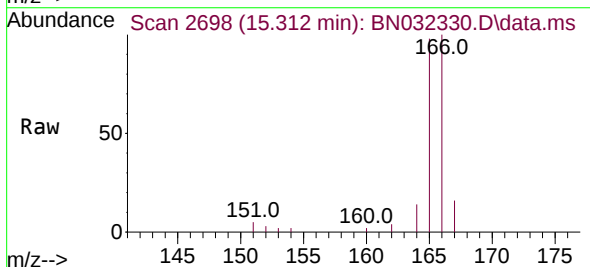
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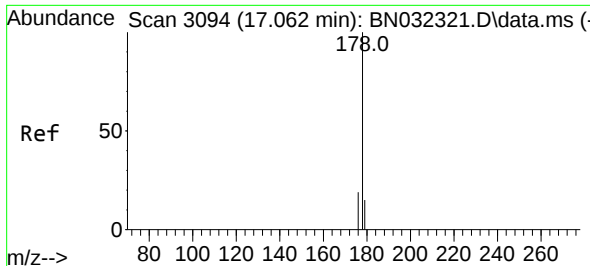
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.184 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

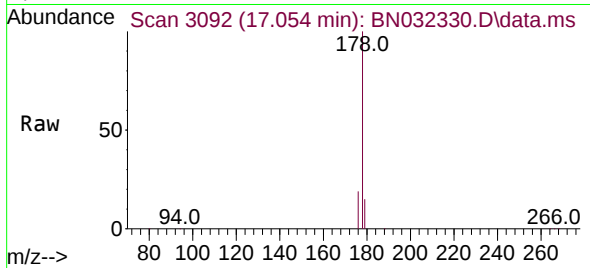
Tgt Ion:166 Resp: 8720
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 16.3 11.0 16.6





#15
Phenanthrene
Concen: 2.980 ng/ul m
RT: 17.054 min Scan# 3094
Delta R.T. -0.013 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

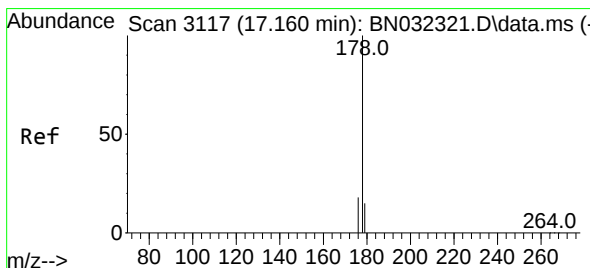
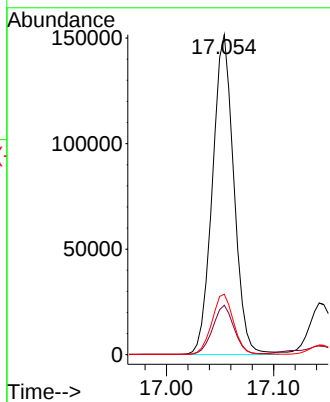
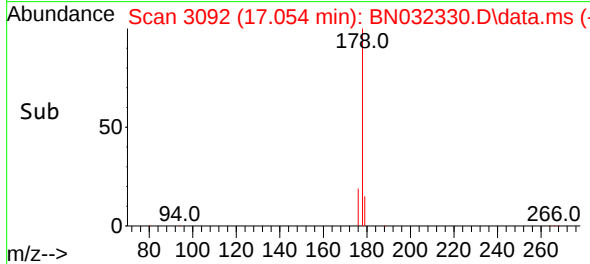
Instrument :
BNA_N
ClientSampleId :
A4CP7



Tgt Ion:178 Resp: 21050
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.6 23.4

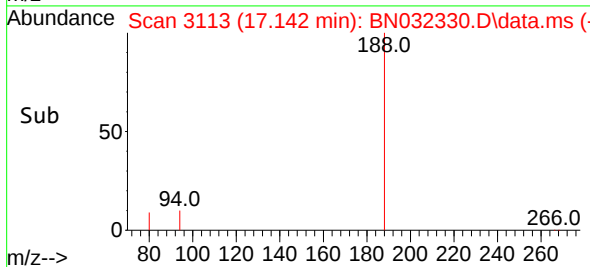
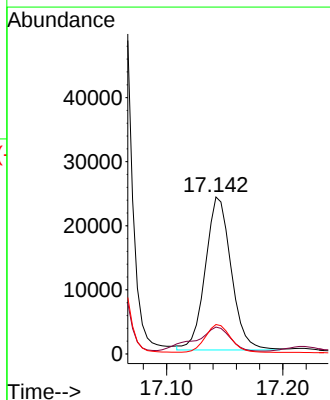
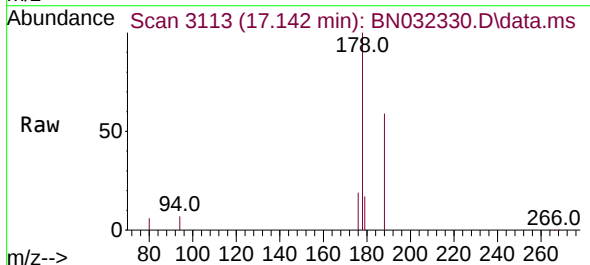
Manual Integrations
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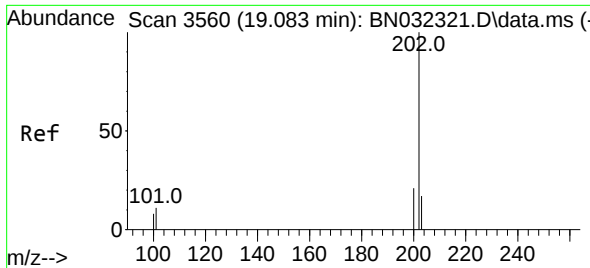
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.586 ng/ul m
RT: 17.142 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

Tgt Ion:178 Resp: 36945
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.7 15.0 22.6





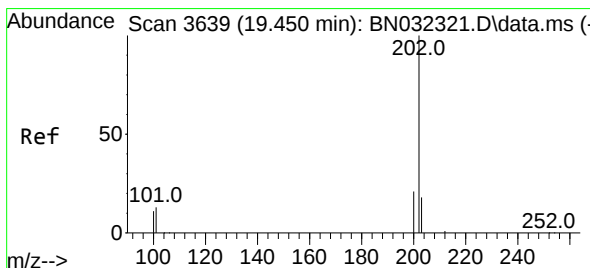
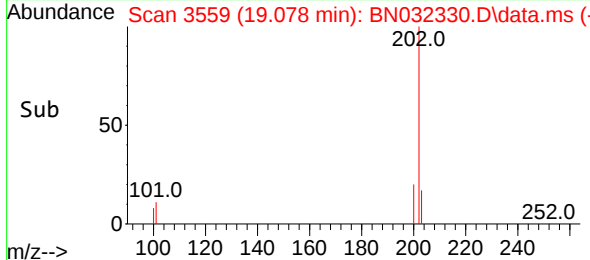
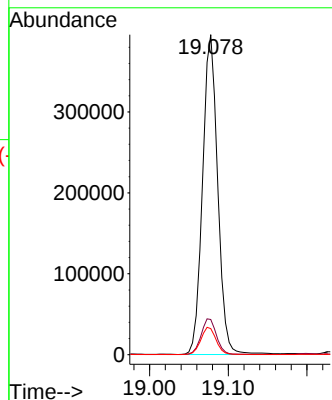
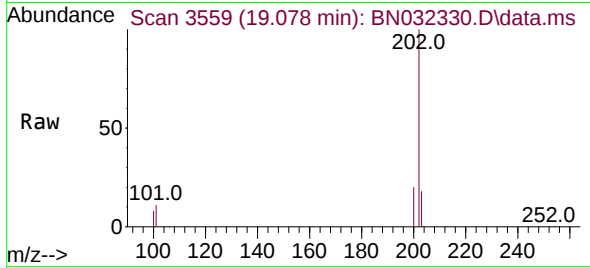
#19
Fluoranthene
Concen: 6.096 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

Instrument :
BNA_N
ClientSampleId :
A4CP7

Tgt Ion:202 Resp: 52929
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.2 6.4 9.6

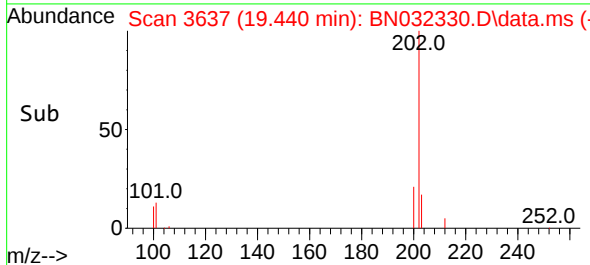
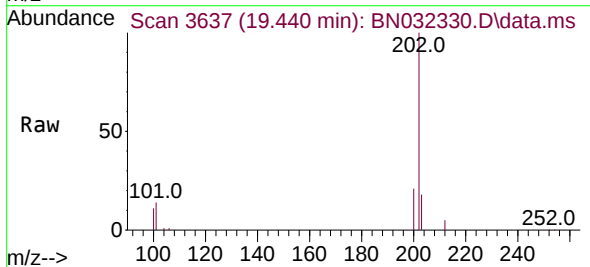
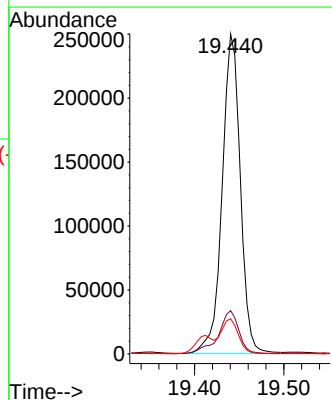
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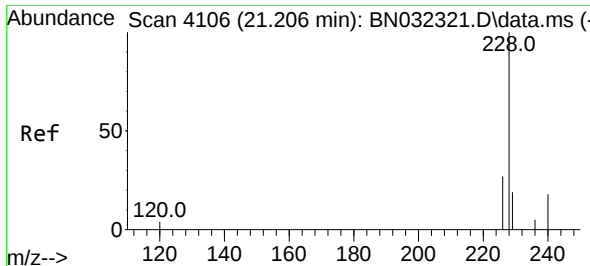
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 3.910 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

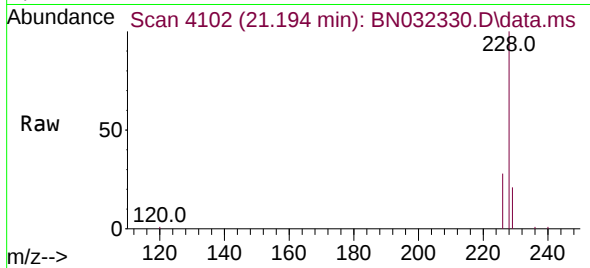
Tgt Ion:202 Resp: 354844
Ion Ratio Lower Upper
202 100
101 13.5 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.671 ng/ul m
RT: 21.194 min Scan# 4106
Delta R.T. -0.021 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

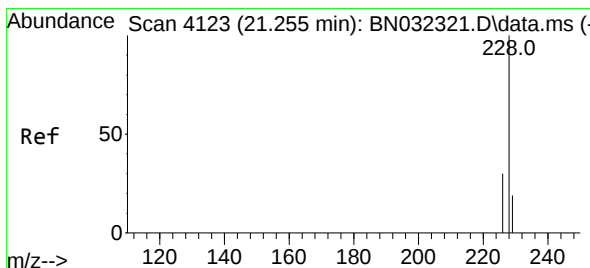
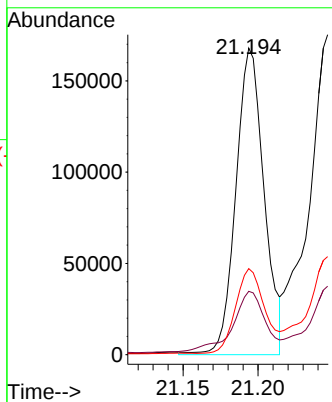
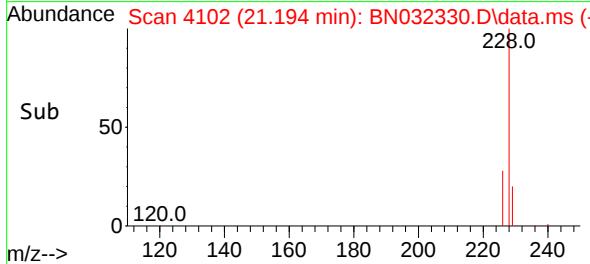
Instrument :
BNA_N
ClientSampleId :
A4CP7



Tgt Ion:228 Resp: 21980
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.1 21.8 32.8

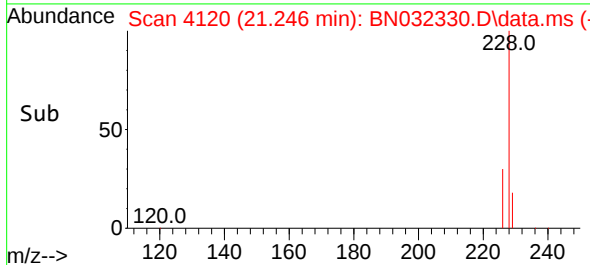
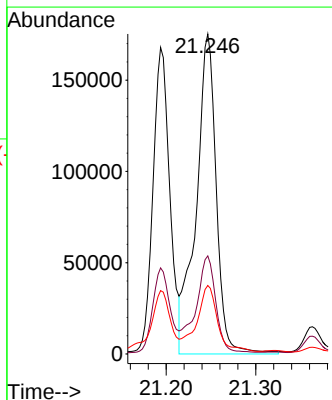
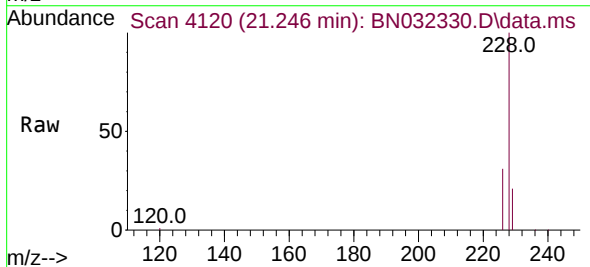
Manual Integrations
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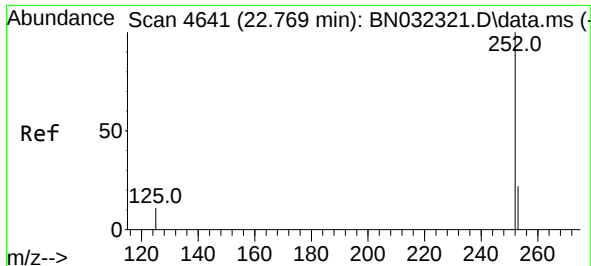
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 3.039 ng/ul m
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

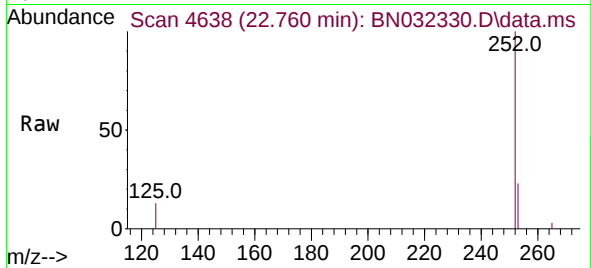
Tgt Ion:228 Resp: 274556
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.610 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.024 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

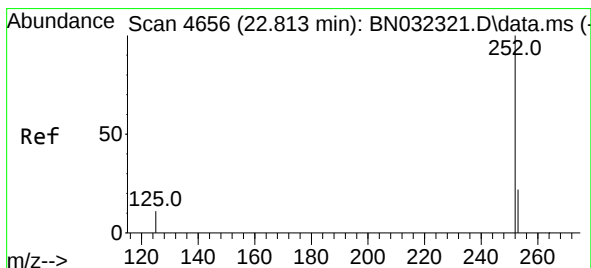
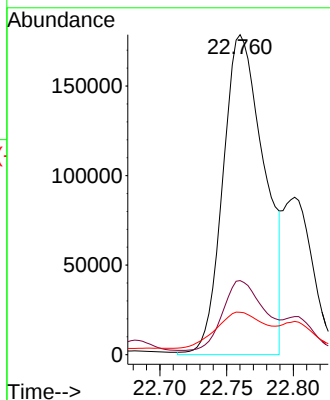
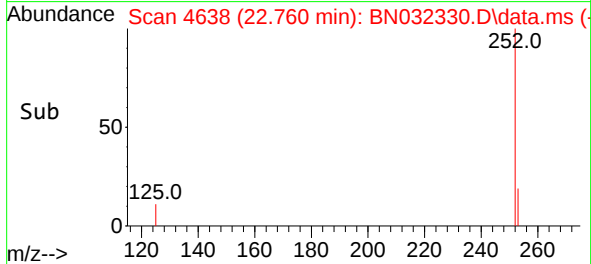
Instrument :
BNA_N
ClientSampleId :
A4CP7



Tgt Ion:252 Resp: 385534
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 13.2 0.0 32.0

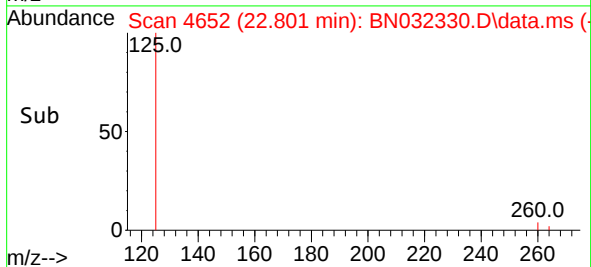
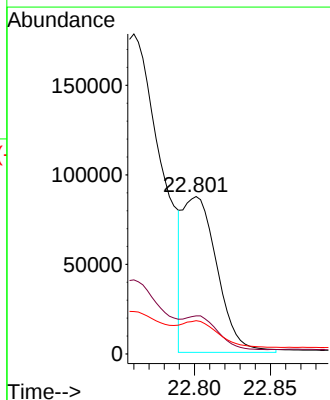
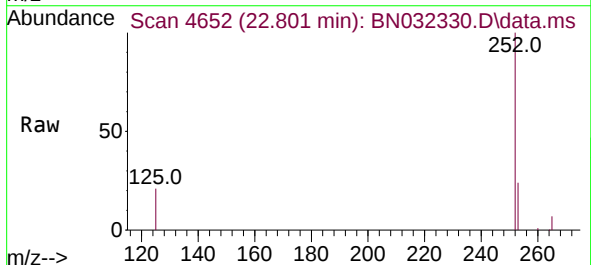
Manual Integrations
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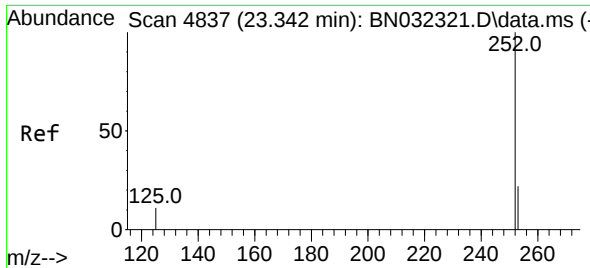
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.313 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.027 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

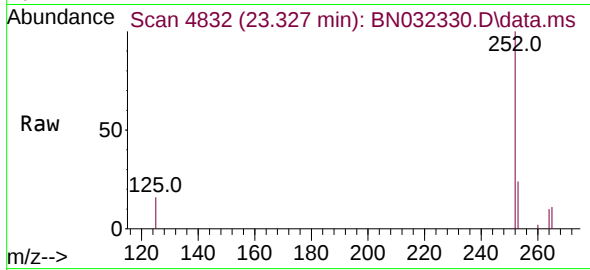
Tgt Ion:252 Resp: 136282
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 21.1 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.704 ng/ul m
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

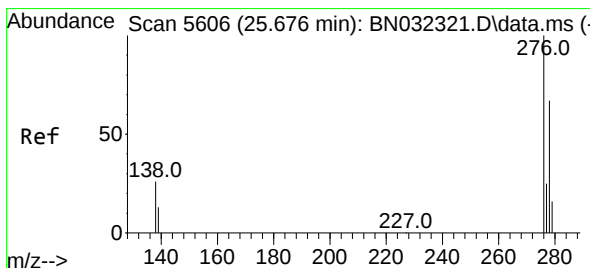
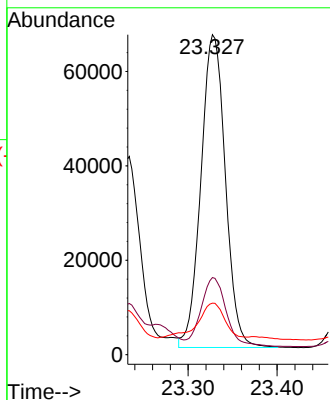
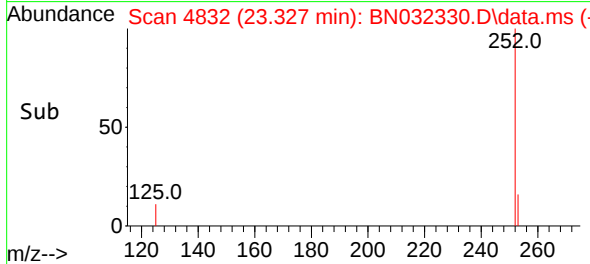
Instrument :
BNA_N
ClientSampleId :
A4CP7



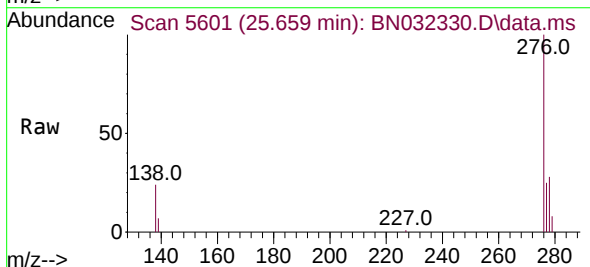
Tgt Ion:252 Resp: 126625
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 16.1 16.4 24.6

Manual Integrations
APPROVED

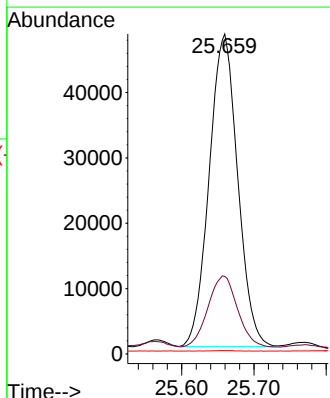
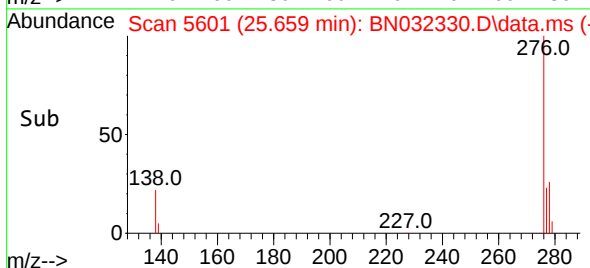
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

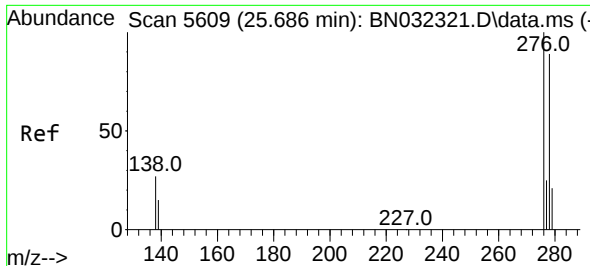


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.126 ng/ul m
RT: 25.659 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27



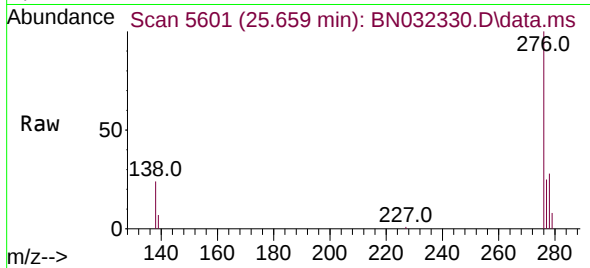
Tgt Ion:276 Resp: 130972
Ion Ratio Lower Upper
276 100
138 3.3 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.504 ng/ul m
RT: 25.659 min Scan# 5601
Delta R.T. -0.051 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27

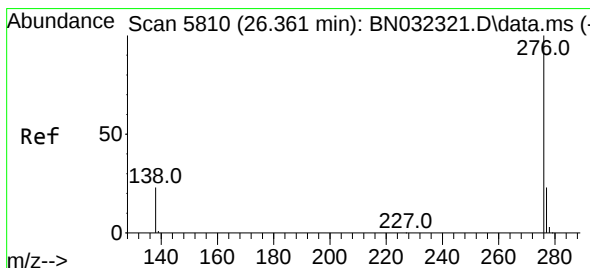
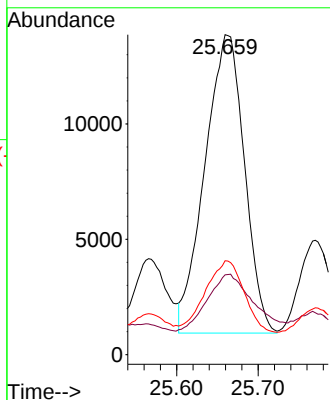
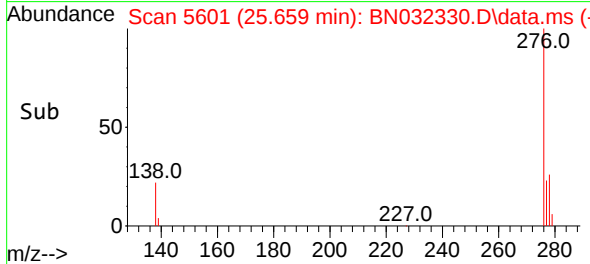
Instrument :
BNA_N
ClientSampleId :
A4CP7



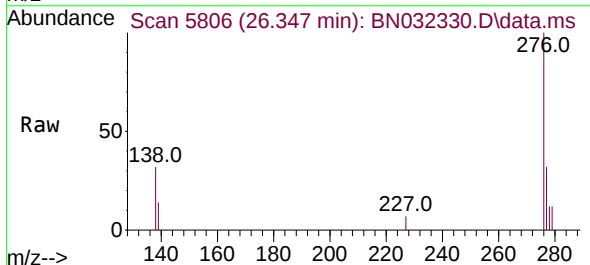
Tgt Ion:278 Resp: 4359
Ion Ratio Lower Upper
278 100
139 24.9 15.9 23.9#
279 29.3 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032330.D
Acq: 29 Jun 2024 01:27



Tgt Ion:276 Resp: 20652
Ion Ratio Lower Upper
276 100
138 32.0 19.8 29.6#
277 31.6 19.8 29.6#

