

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032343.D
 Acq On : 29 Jun 2024 09:53
 Operator : MA/JU
 Sample : P2934-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:05 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	9968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	29076	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	15915	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	25966m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.216	240	16749m	0.400	ng/ul	-0.01
23) Perylene-d12	23.440	264	28849m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	48534	4.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	13469	0.309	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	20524m	0.407	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.435	128	264208	3.434	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	89889	1.763	ng/ul	99
8) 1-Methylnaphthalene	12.278	142	45871	0.867	ng/ul	99
10) Acenaphthylene	13.974	152	341319	5.157	ng/ul	99
11) Acenaphthene	14.317	153	70748	1.377	ng/ul	98
12) Fluorene	15.311	166	90211	1.474	ng/ul#	98
15) Phenanthrene	17.048	178	1671173m	23.475	ng/ul	
16) Anthracene	17.141	178	534614m	8.419	ng/ul	
19) Fluoranthene	19.077	202	2933087m	45.988	ng/ul	
20) Pyrene	19.444	202	2341198m	35.126	ng/ul	
21) Benzo(a)anthracene	21.198	228	1613791m	26.695	ng/ul	
22) Chrysene	21.251	228	1893897m	28.544	ng/ul	
24) Benzo(b)fluoranthene	22.776	252	2550484m	20.349	ng/ul	
25) Benzo(k)fluoranthene	22.814	252	877218m	7.203	ng/ul	
26) Benzo(a)pyrene	23.344	252	1058731m	12.141	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.688	276	1260899m	9.234	ng/ul	
28) Dibenzo(a,h)anthracene	25.692	278	465253m	4.586	ng/ul	
29) Benzo(g,h,i)perylene	26.376	276	195991m	1.802	ng/ul	

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

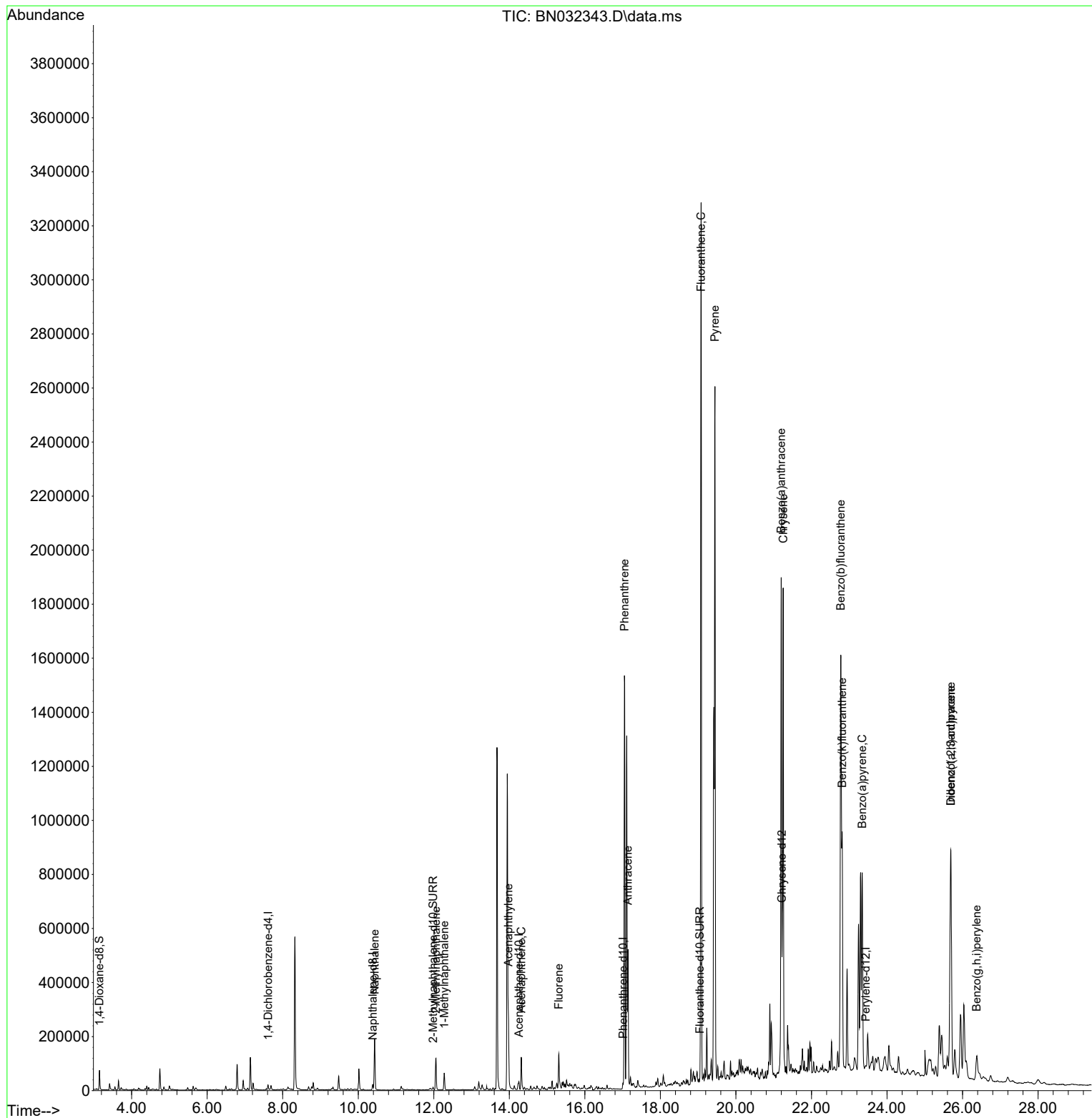
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032343.D
Acq On : 29 Jun 2024 09:53
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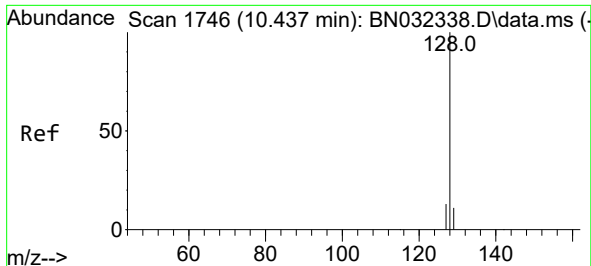
Instrument :
BNA_N
ClientSampleId :
A4CQ0

Quant Time: Jun 30 23:04:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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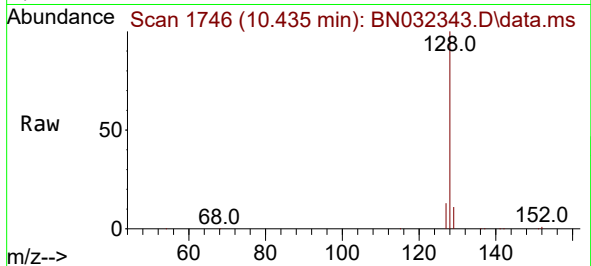
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#5
Naphthalene
Concen: 3.434 ng/ul
RT: 10.435 min Scan# 1746
Delta R.T. -0.012 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

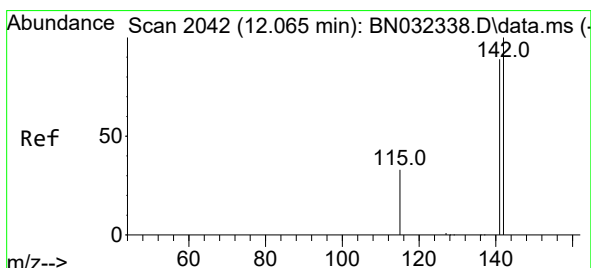
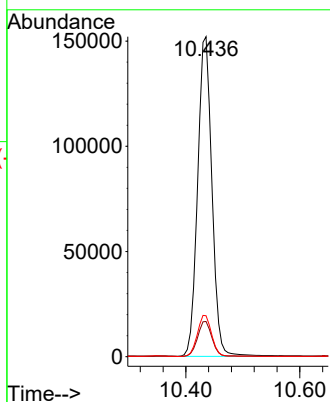
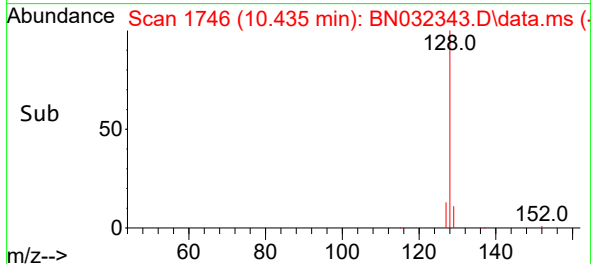
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:128 Resp: 264208
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 12.8 10.8 16.2

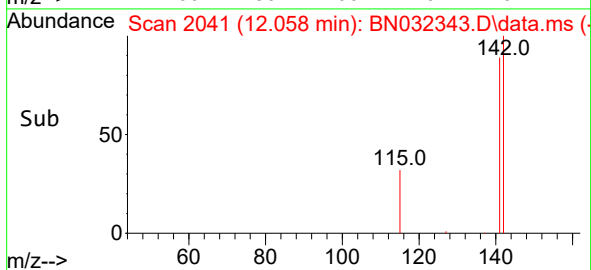
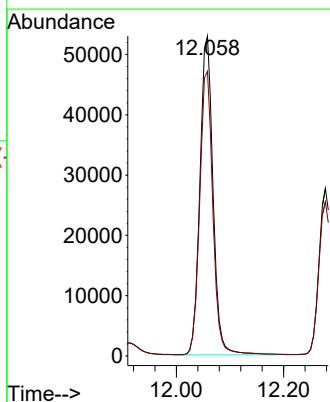
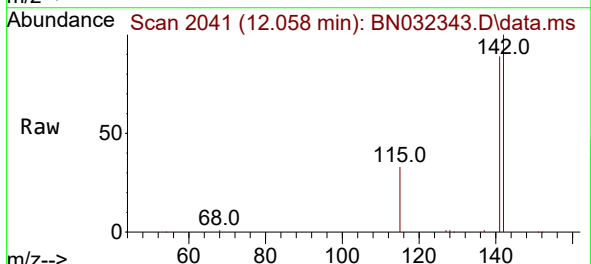
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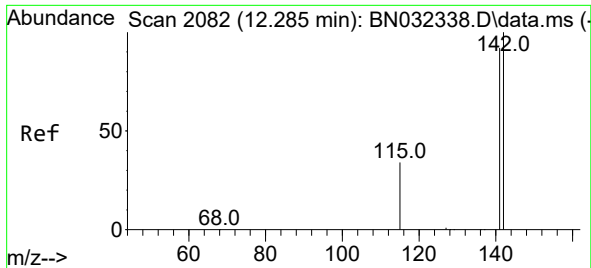
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 1.763 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

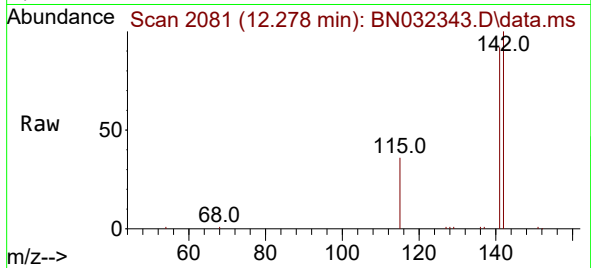
Tgt Ion:142 Resp: 89889
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.867 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

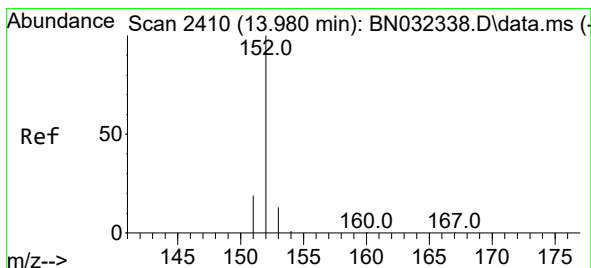
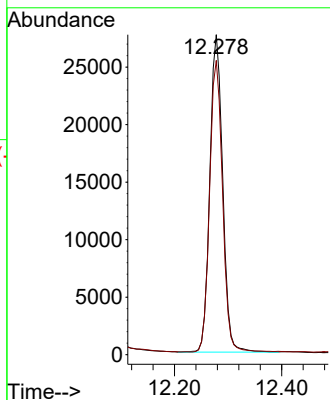
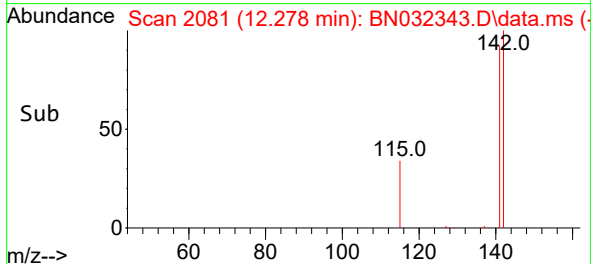
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:142 Resp: 4587
Ion Ratio Lower Upper
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141 92.5 73.4 110.0

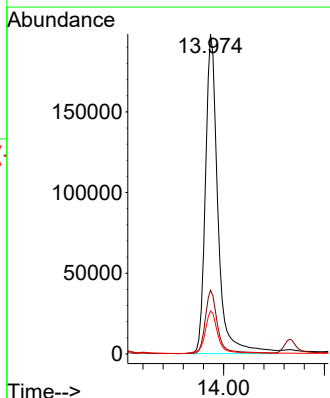
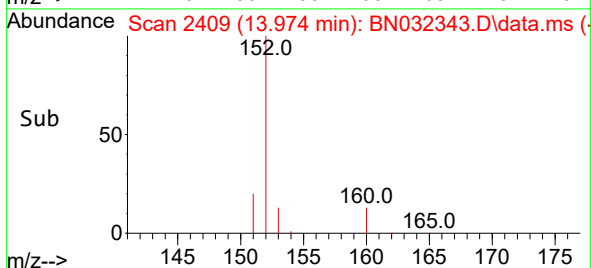
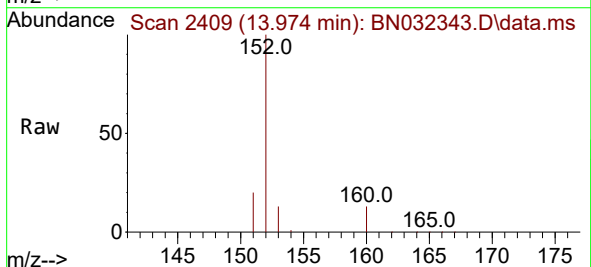
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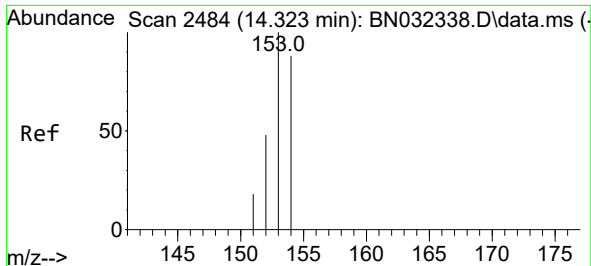
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 5.157 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

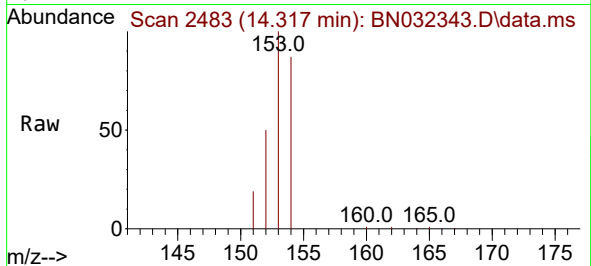
Tgt Ion:152 Resp: 341319
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.4 10.9 16.3





#11
Acenaphthene
Concen: 1.377 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

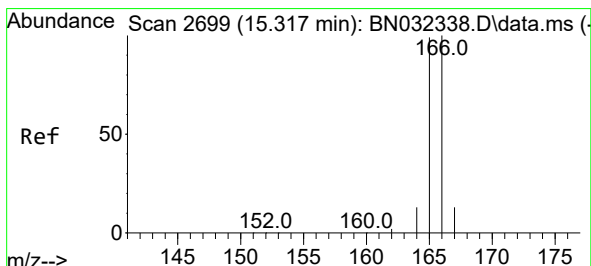
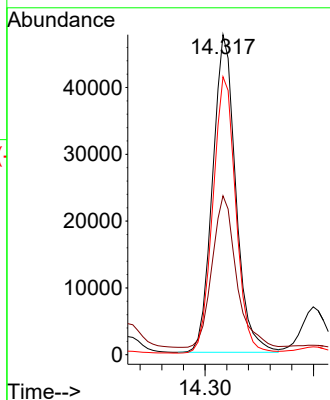
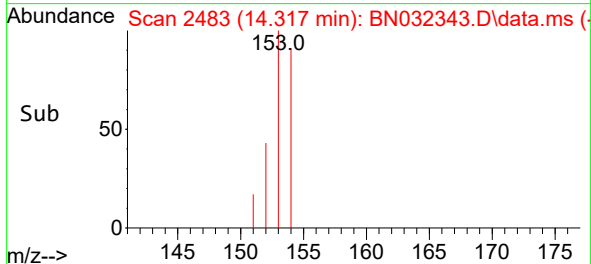
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:153 Resp: 70748
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 86.8 71.7 107.5

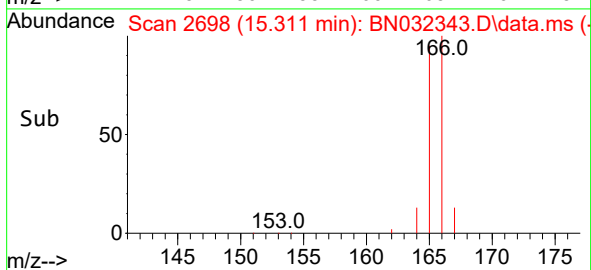
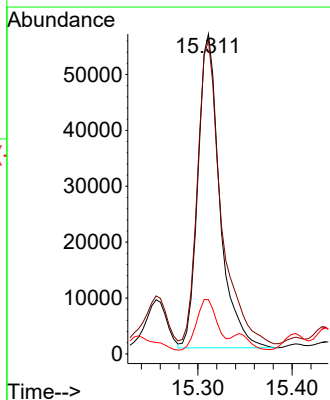
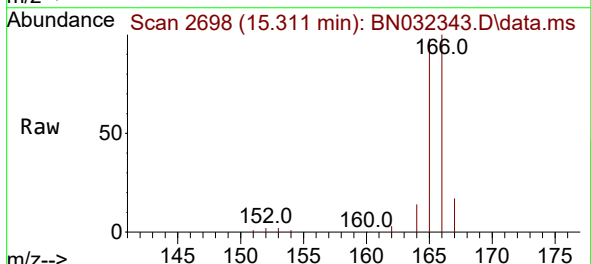
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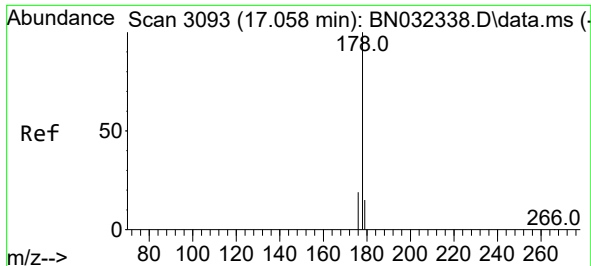
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 1.474 ng/ul
RT: 15.311 min Scan# 2698
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

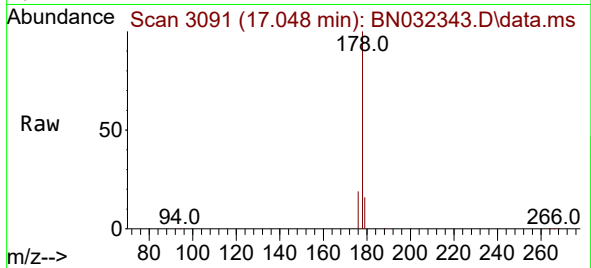
Tgt Ion:166 Resp: 90211
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 17.0 11.0 16.6#





#15
Phenanthrene
Concen: 23.475 ng/ul m
RT: 17.048 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

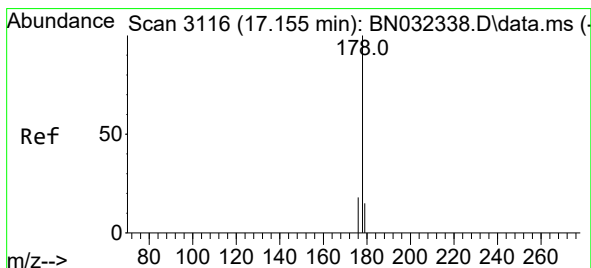
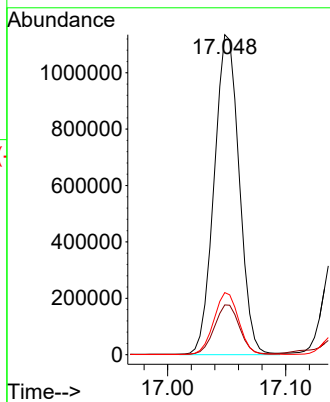
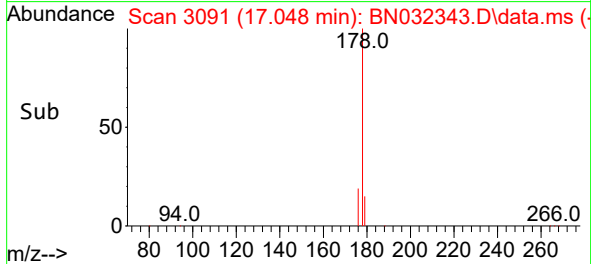
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:178 Resp: 167117
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.6 23.4

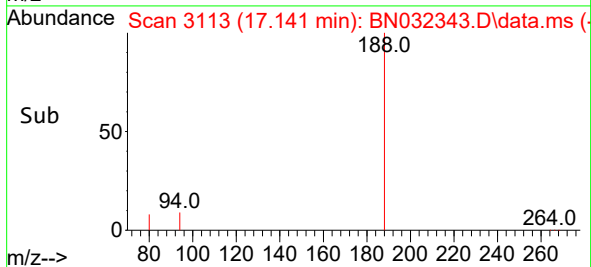
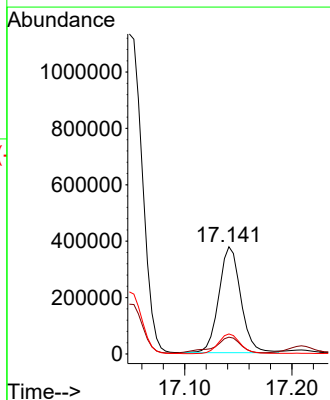
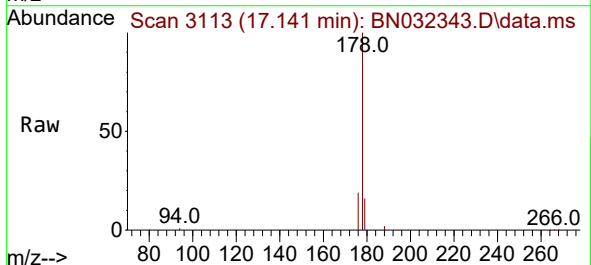
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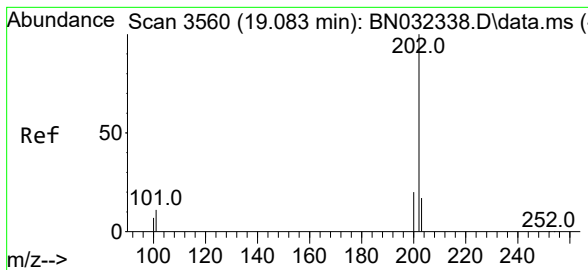
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 8.419 ng/ul m
RT: 17.141 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

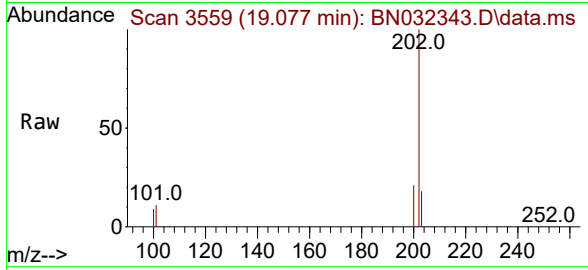
Tgt Ion:178 Resp: 534614
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 45.988 ng/ul m
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

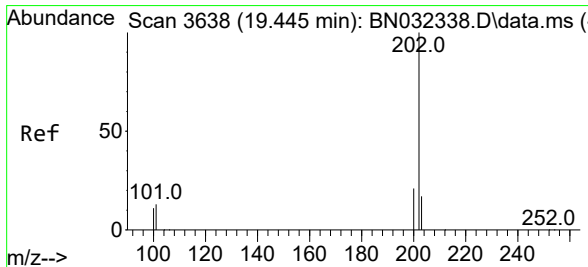
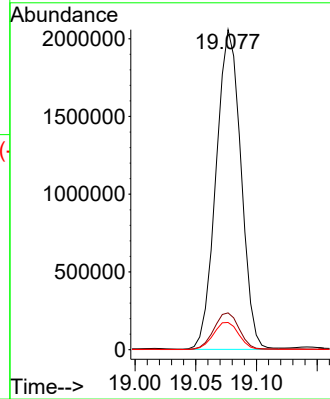
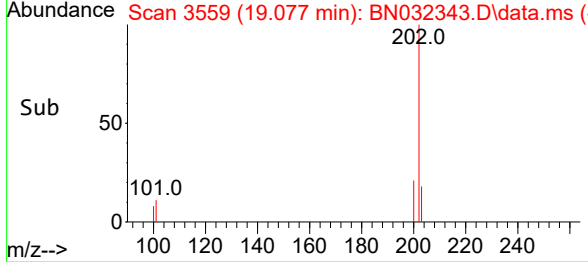
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:202 Resp: 293308
Ion Ratio Lower Upper
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101 11.5 8.8 13.2
100 8.5 6.4 9.6

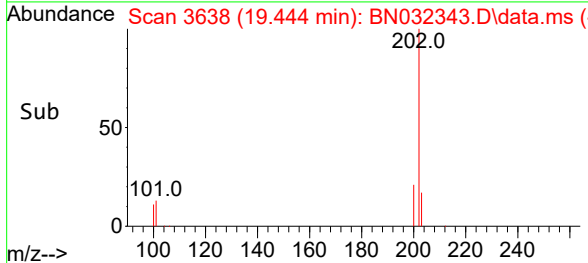
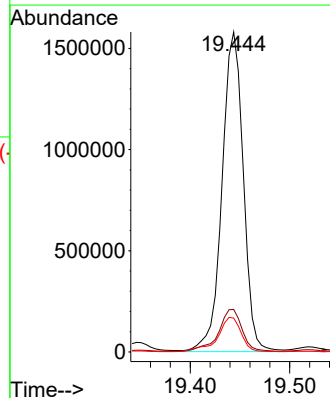
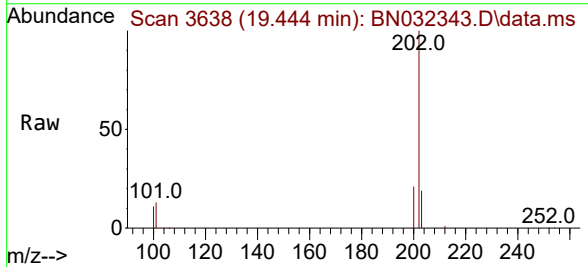
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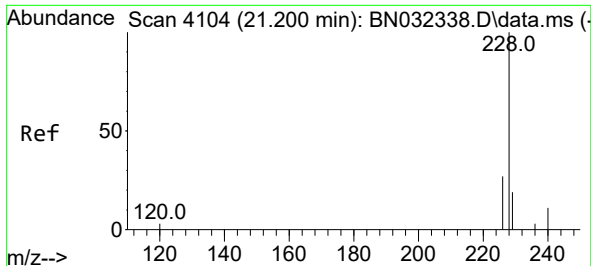
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 35.126 ng/ul m
RT: 19.444 min Scan# 3638
Delta R.T. -0.011 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

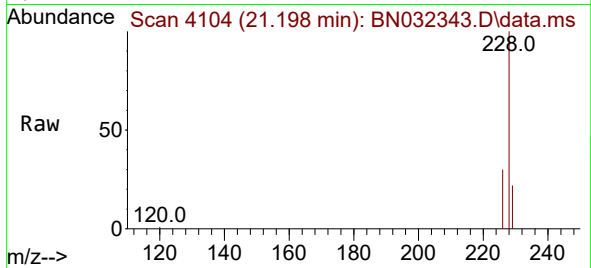
Tgt Ion:202 Resp: 2341198
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.6 8.7 13.1





#21
Benzo(a)anthracene
Concen: 26.695 ng/ul m
RT: 21.198 min Scan# 4104
Delta R.T. -0.016 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

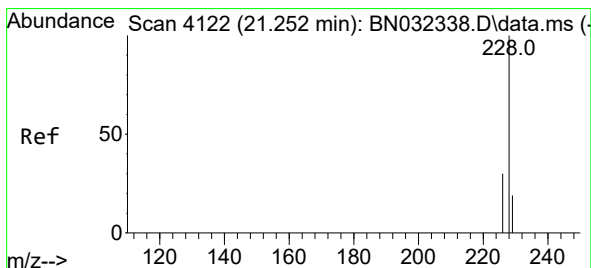
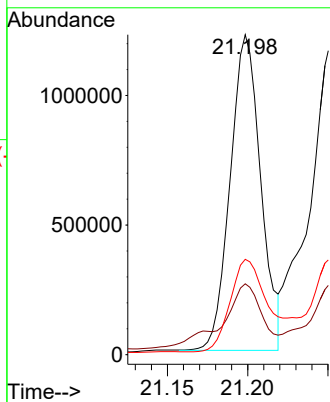
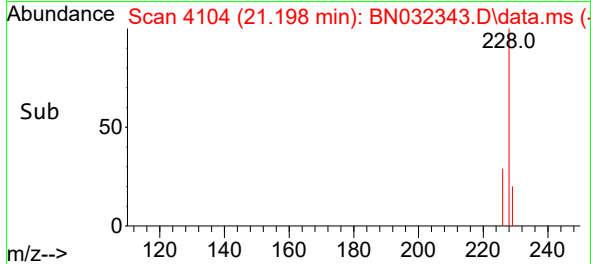
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ClientSampleId :
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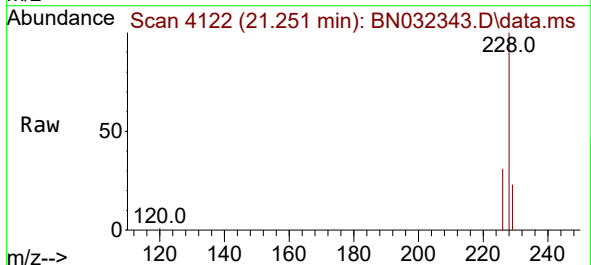
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Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 29.8 21.8 32.8

Manual Integrations
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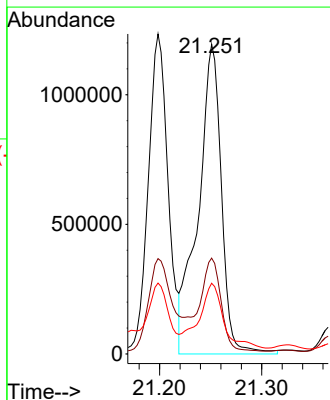
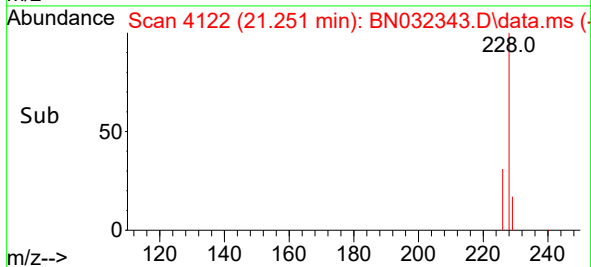
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

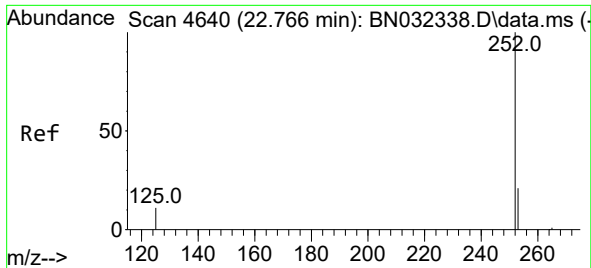


#22
Chrysene
Concen: 28.544 ng/ul m
RT: 21.251 min Scan# 4122
Delta R.T. -0.016 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53



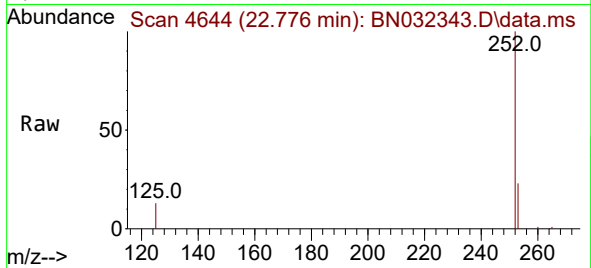
Tgt Ion:228 Resp: 1893897
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 20.349 ng/ul m
RT: 22.776 min Scan# 4644
Delta R.T. -0.007 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

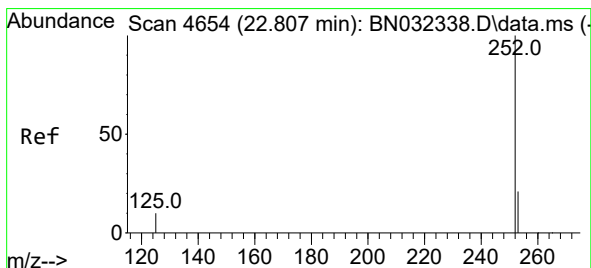
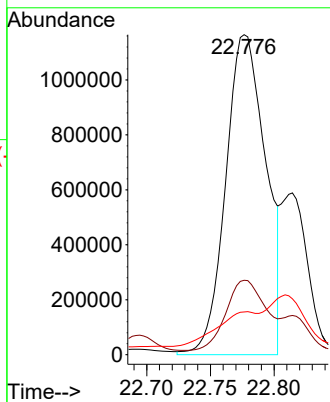
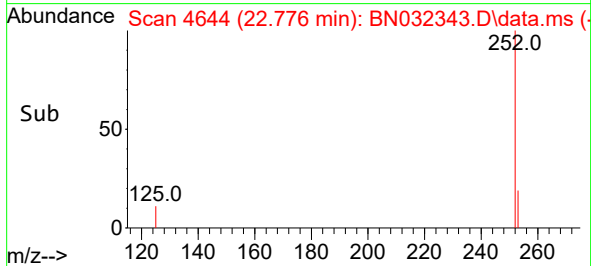
Instrument :
BNA_N
ClientSampleId :
A4CQ0



Tgt Ion:252 Resp: 255048
Ion Ratio Lower Upper
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253 23.2 0.0 50.2
125 13.4 0.0 32.0

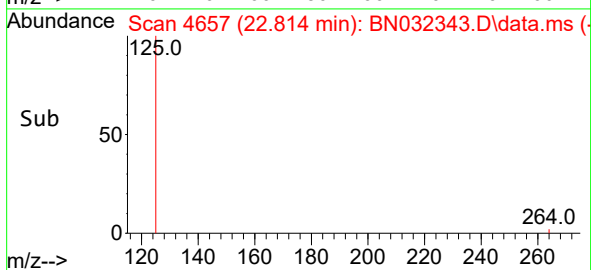
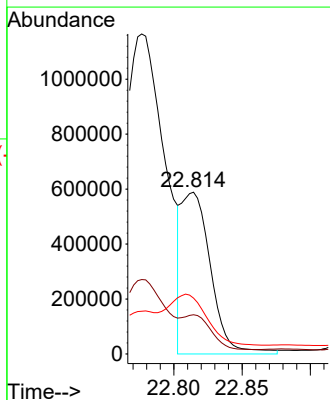
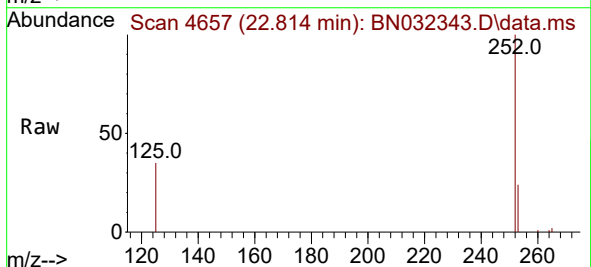
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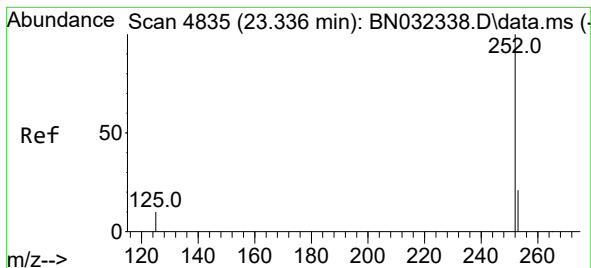
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 7.203 ng/ul m
RT: 22.814 min Scan# 4657
Delta R.T. -0.013 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

Tgt Ion:252 Resp: 877218
Ion Ratio Lower Upper
252 100
253 24.3 20.3 30.5
125 34.5 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 12.141 ng/ul m

RT: 23.344 min Scan# 4835

Delta R.T. -0.016 min

Lab File: BN032343.D

Acq: 29 Jun 2024 09:53

Instrument :

BNA_N

ClientSampleId :

A4CQ0

Tgt Ion:252 Resp: 105873

Ion Ratio Lower Upper

252 100

253 23.8 22.2 33.2

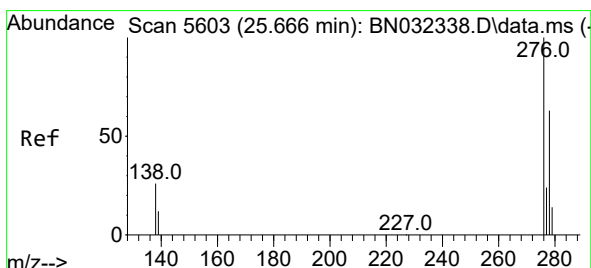
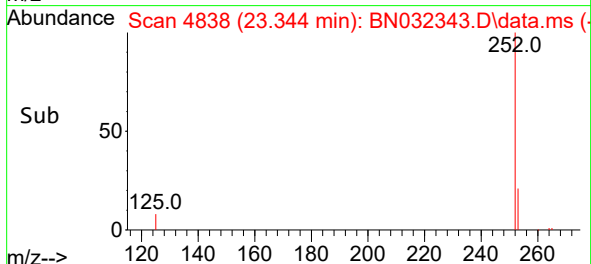
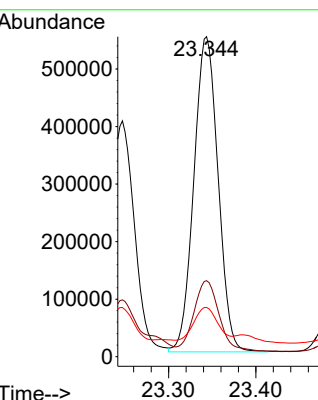
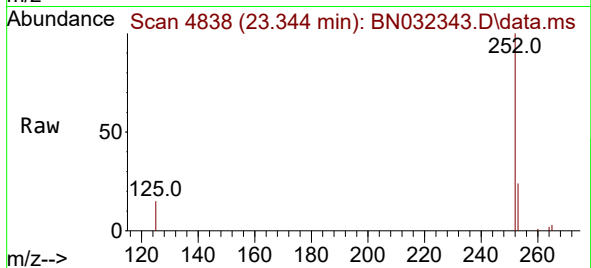
125 15.4 16.4 24.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 9.234 ng/ul m

RT: 25.688 min Scan# 5610

Delta R.T. -0.012 min

Lab File: BN032343.D

Acq: 29 Jun 2024 09:53

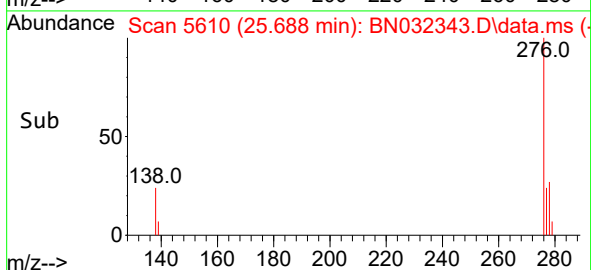
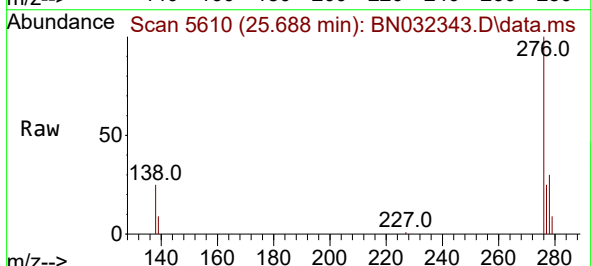
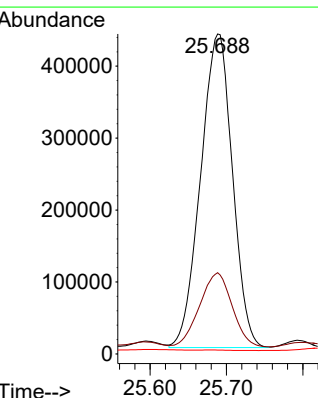
Tgt Ion:276 Resp: 1260899

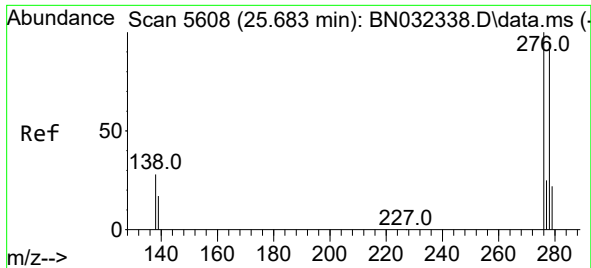
Ion Ratio Lower Upper

276 100

138 2.7 21.3 31.9#

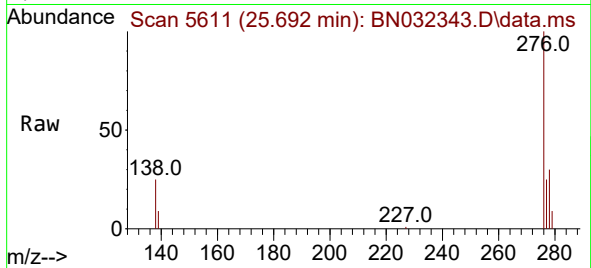
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 4.586 ng/ul m
RT: 25.692 min Scan# 5011
Delta R.T. -0.018 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53

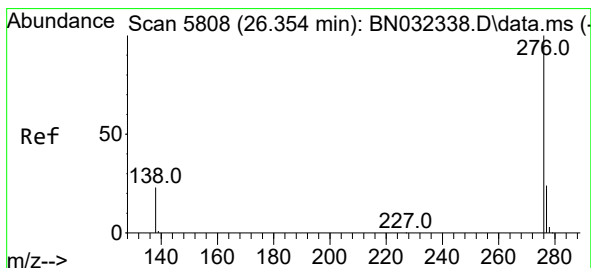
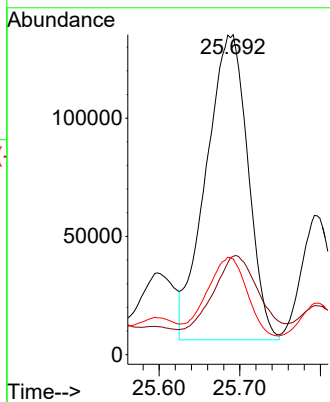
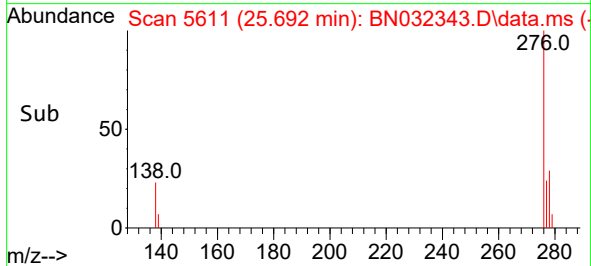
Instrument :
BNA_N
ClientSampleId :
A4CQ0



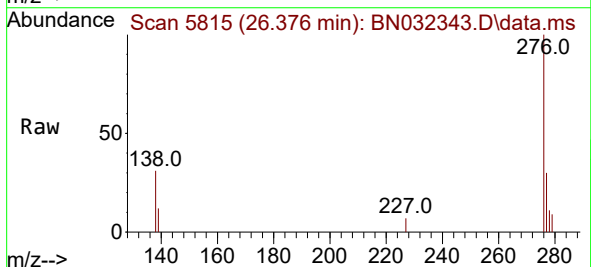
Tgt Ion:278 Resp: 46525
Ion Ratio Lower Upper
278 100
139 30.8 15.9 23.9
279 29.9 21.1 31.7

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 1.802 ng/ul m
RT: 26.376 min Scan# 5815
Delta R.T. -0.005 min
Lab File: BN032343.D
Acq: 29 Jun 2024 09:53



Tgt Ion:276 Resp: 195991
Ion Ratio Lower Upper
276 100
138 31.3 19.8 29.6#
277 30.0 19.8 29.6#

