

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032334.D
 Acq On : 29 Jun 2024 03:52
 Operator : MA/JU
 Sample : P2934-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B61

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 04:41:47 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	9360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	28334	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	15195	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	27543m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	21814m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	23077m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	26826	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	7282	0.171	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	12322m	0.188	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	2873	0.038	ng/ul#	89
10) Acenaphthylene	13.976	152	4183	0.066	ng/ul#	90
11) Acenaphthene	14.323	153	2366	0.048	ng/ul	98
12) Fluorene	15.313	166	2768	0.047	ng/ul#	98
15) Phenanthrene	17.054	178	60058m	0.795	ng/ul	
16) Anthracene	17.143	178	11018m	0.164	ng/ul	
19) Fluoranthene	19.078	202	133706m	1.610	ng/ul	
20) Pyrene	19.440	202	97585m	1.124	ng/ul	
21) Benzo(a)anthracene	21.194	228	55640m	0.707	ng/ul	
22) Chrysene	21.247	228	70027m	0.810	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	96244m	0.960	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	35074m	0.360	ng/ul	
26) Benzo(a)pyrene	23.327	252	35181m	0.504	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	36166m	0.331	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	11612m	0.143	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	6232m	0.072	ng/ul	

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

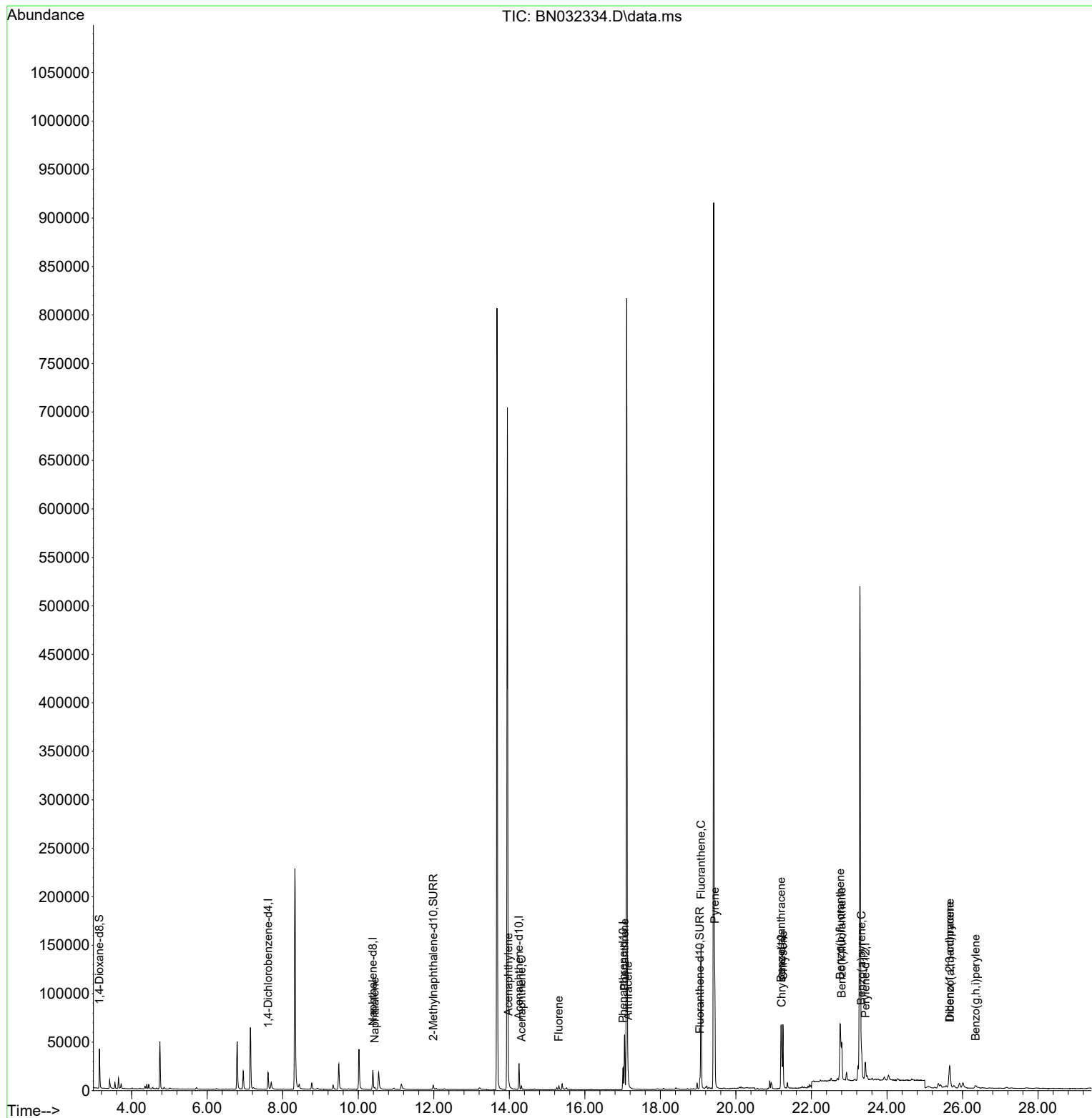
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032334.D
Acq On : 29 Jun 2024 03:52
Operator : MA/JU
Sample : P2934-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

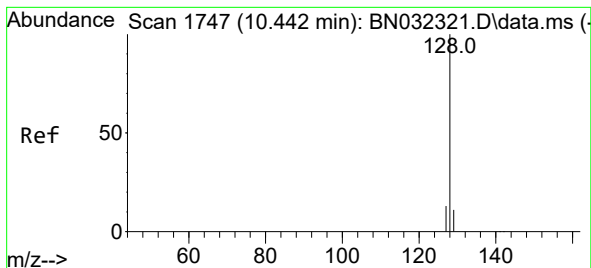
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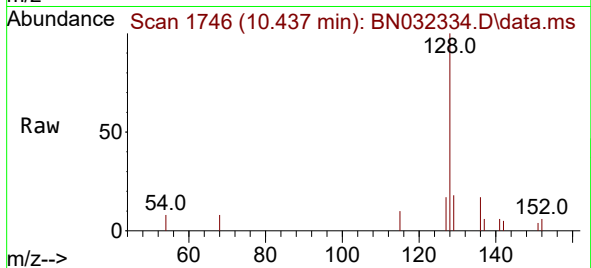
Quant Time: Jun 29 04:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

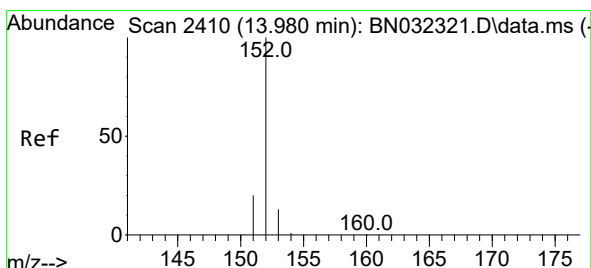
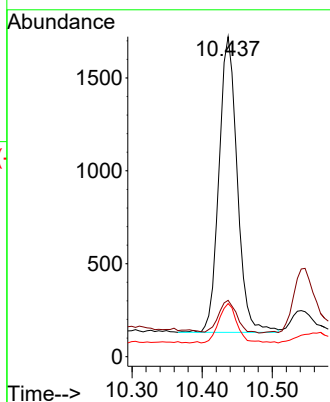
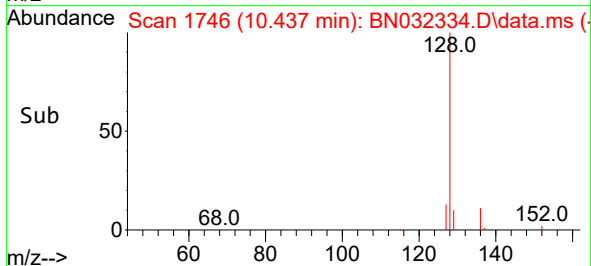
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:128 Resp: 287
Ion Ratio Lower Upper
128 100
129 17.6 9.2 13.8
127 16.6 10.8 16.2

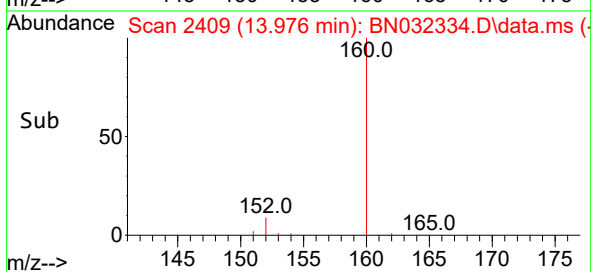
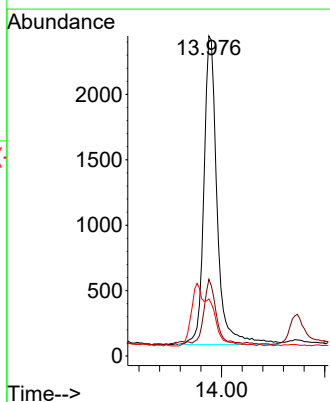
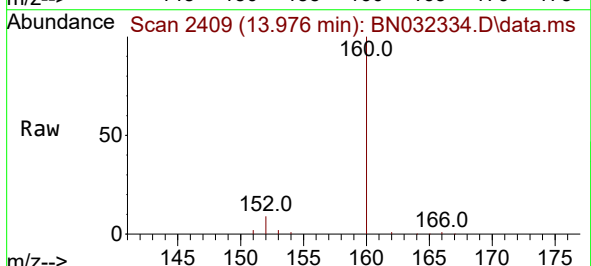
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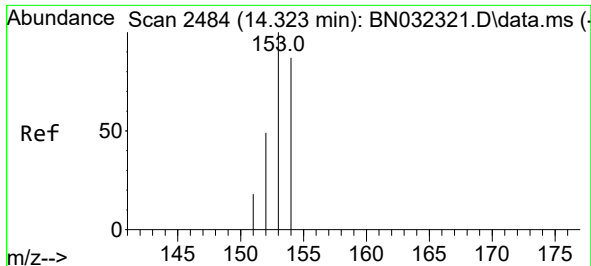
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

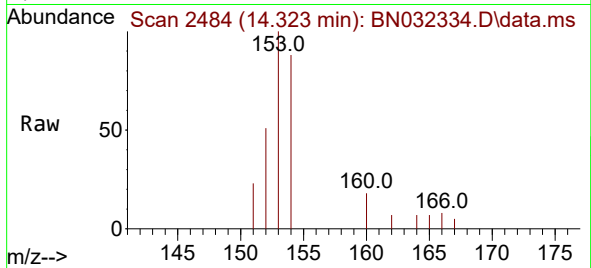
Tgt Ion:152 Resp: 4183
Ion Ratio Lower Upper
152 100
151 23.9 15.7 23.5#
153 17.8 10.9 16.3#





#11
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.323 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

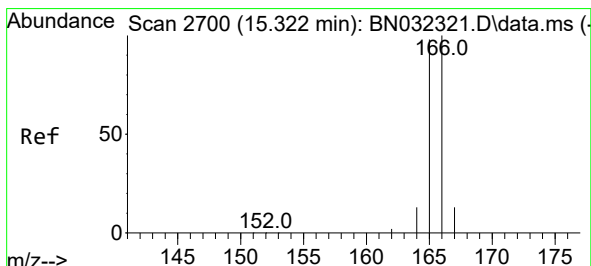
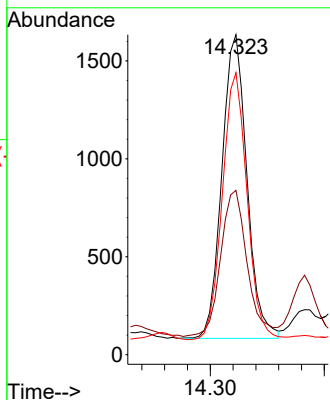
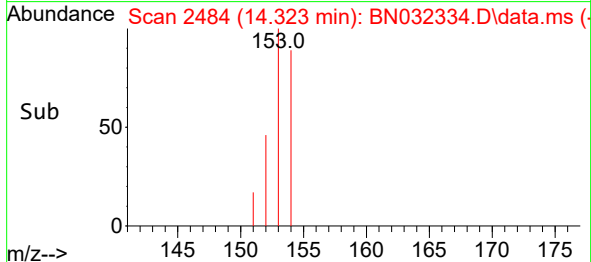
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:153 Resp: 2360
Ion Ratio Lower Upper
153 100
152 51.3 39.5 59.3
154 88.1 71.7 107.5

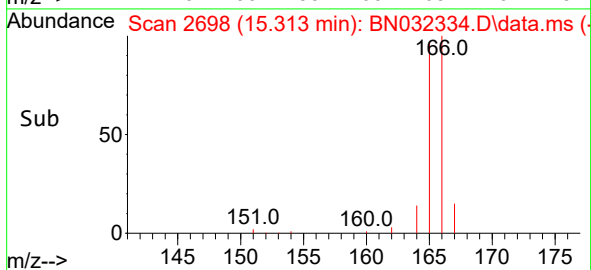
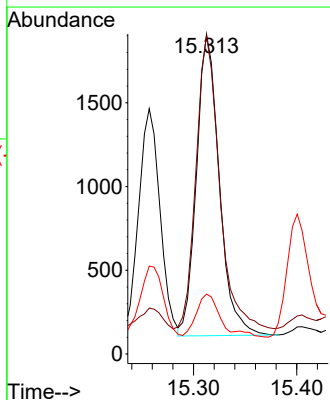
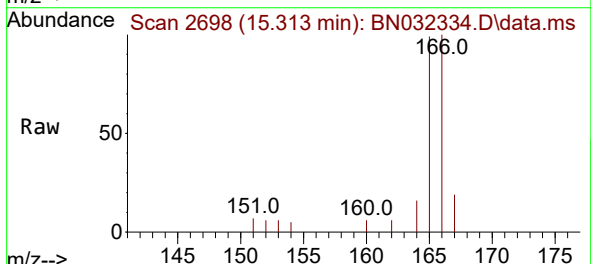
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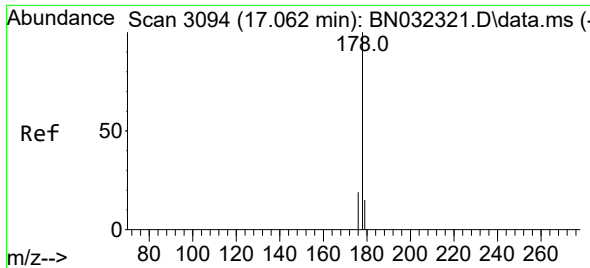
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

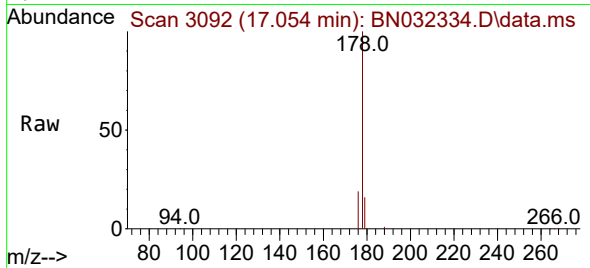
Tgt Ion:166 Resp: 2768
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 18.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.795 ng/ul m
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

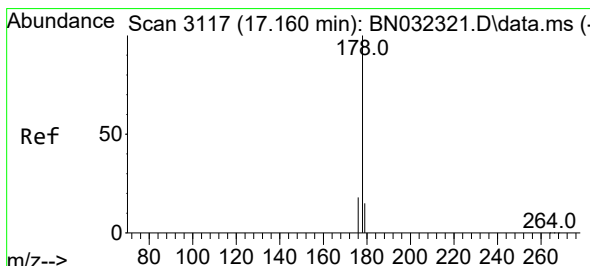
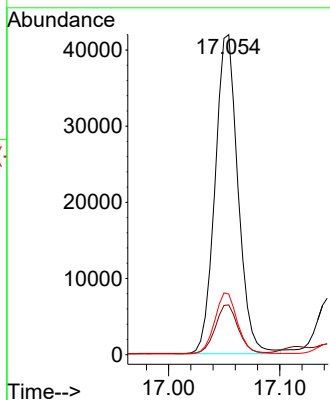
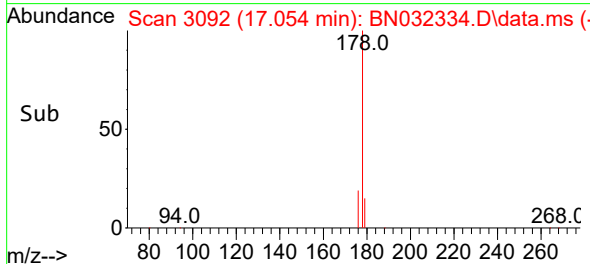
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:178 Resp: 60058
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4

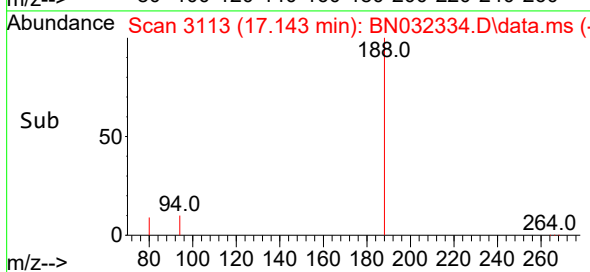
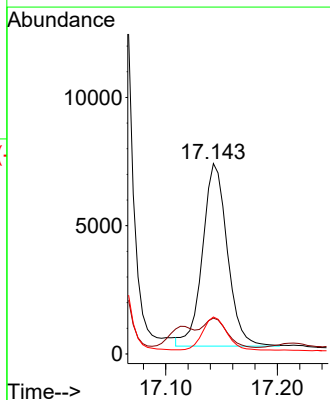
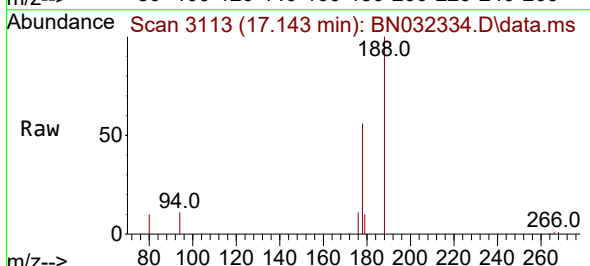
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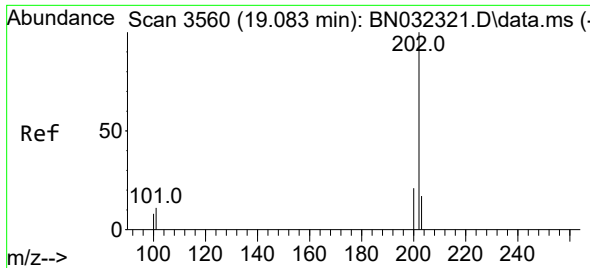
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.164 ng/ul m
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

Tgt Ion:178 Resp: 11018
Ion Ratio Lower Upper
178 100
179 18.8 12.5 18.7#
176 19.4 15.0 22.6





#19

Fluoranthene

Concen: 1.610 ng/ul m

RT: 19.078 min Scan# 3560

Delta R.T. -0.014 min

Lab File: BN032334.D

Acq: 29 Jun 2024 03:52

Instrument :

BNA_N

ClientSampleId :

A4B61

Tgt Ion:202 Resp: 133700

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

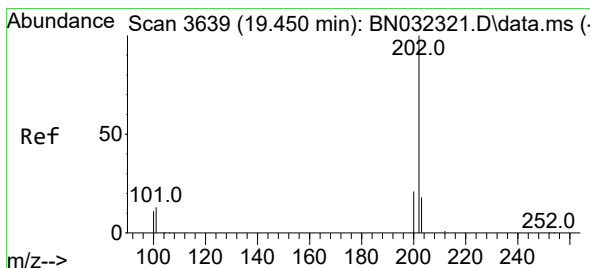
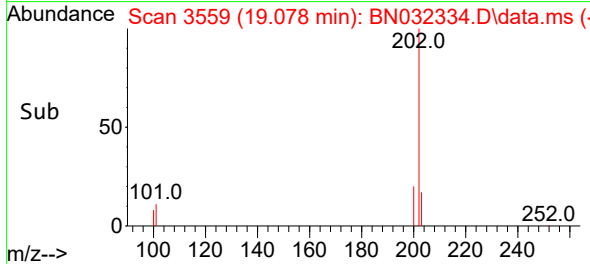
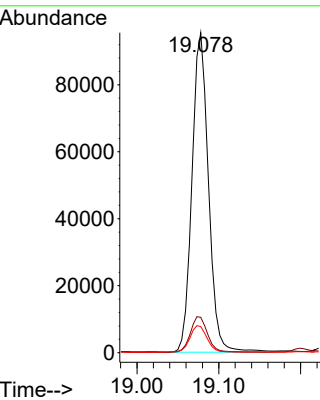
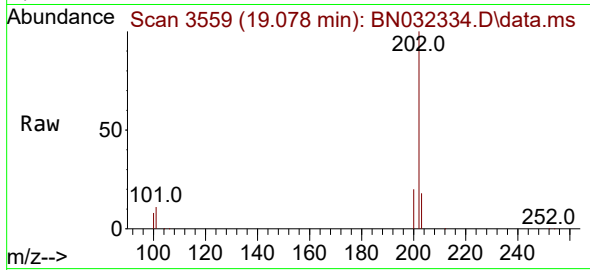
100 8.2 6.4 9.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/02/2024

Supervised By :mohammad ahmed 07/04/2024



#20

Pyrene

Concen: 1.124 ng/ul m

RT: 19.440 min Scan# 3637

Delta R.T. -0.014 min

Lab File: BN032334.D

Acq: 29 Jun 2024 03:52

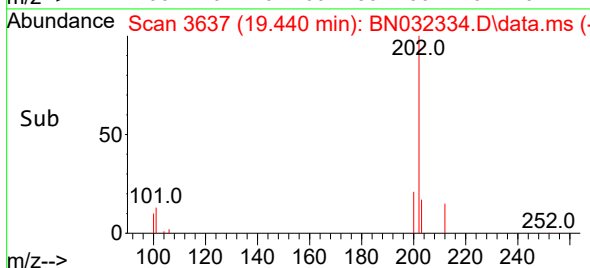
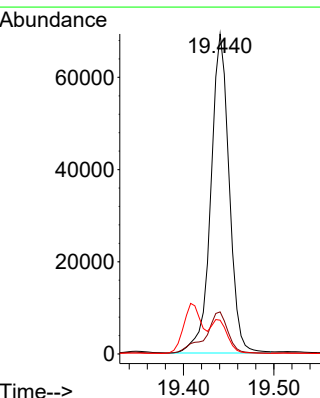
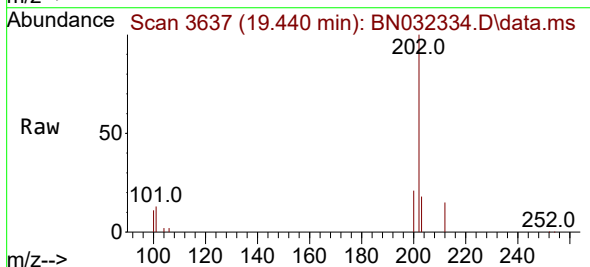
Tgt Ion:202 Resp: 97585

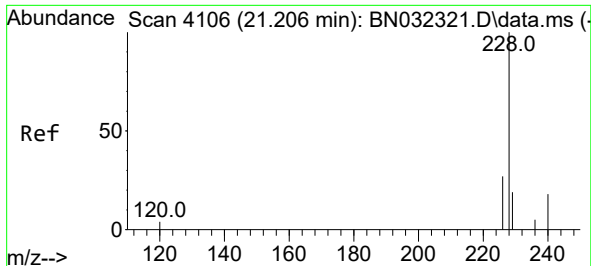
Ion Ratio Lower Upper

202 100

101 13.2 11.0 16.4

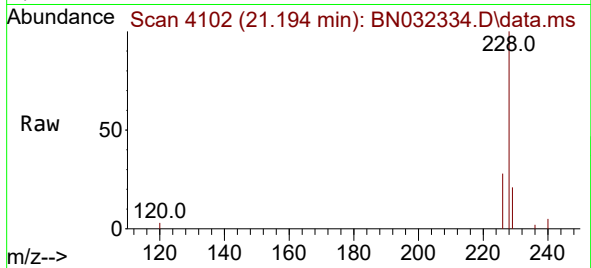
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.707 ng/ul m
RT: 21.194 min Scan# 4106
Delta R.T. -0.020 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

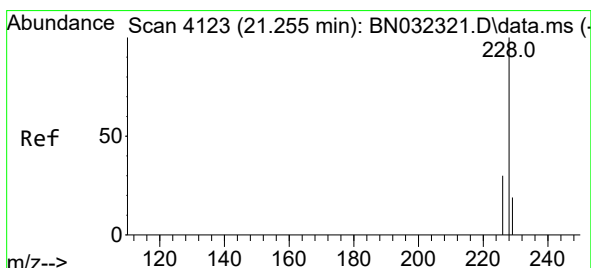
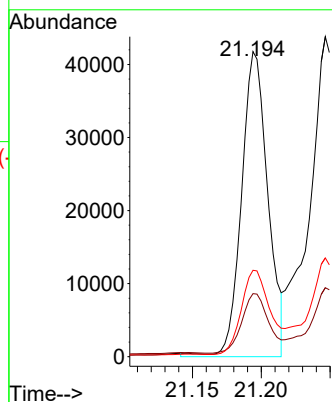
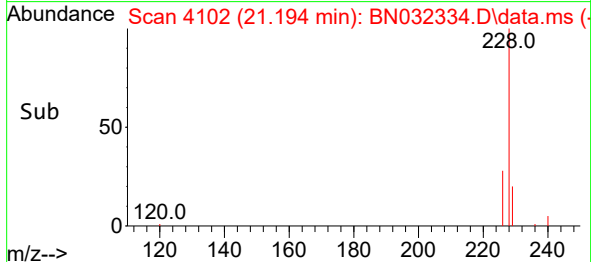
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:228 Resp: 55640
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.3 21.8 32.8

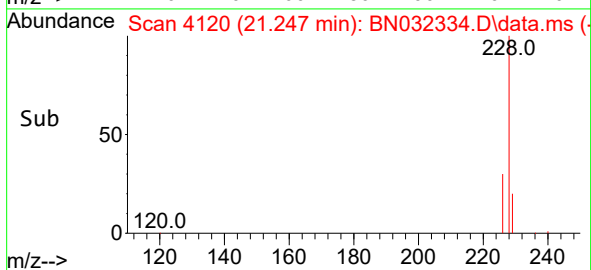
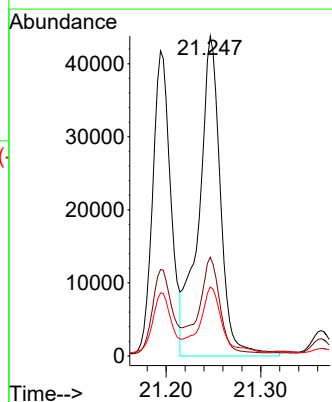
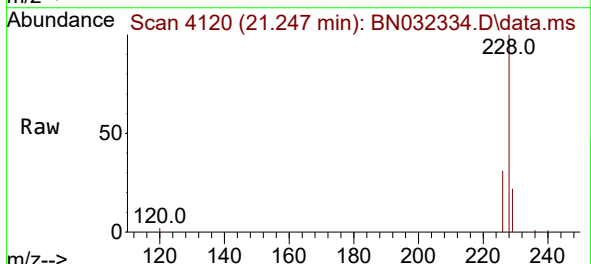
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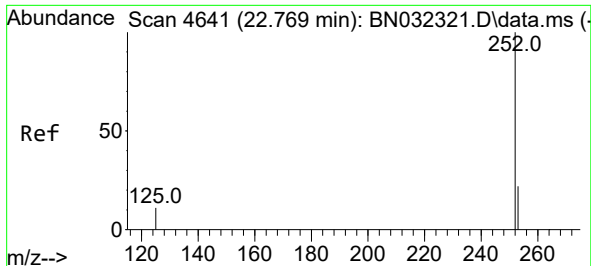
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.810 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

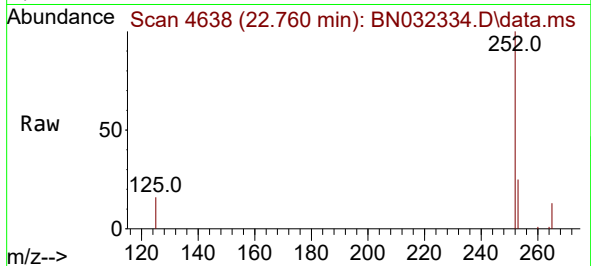
Tgt Ion:228 Resp: 70027
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.960 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. -0.023 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

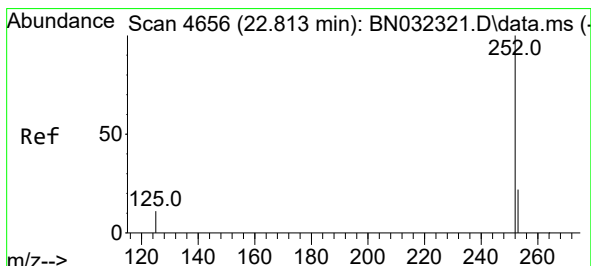
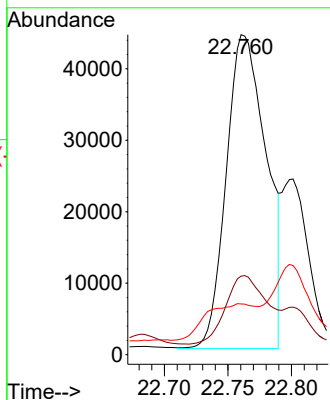
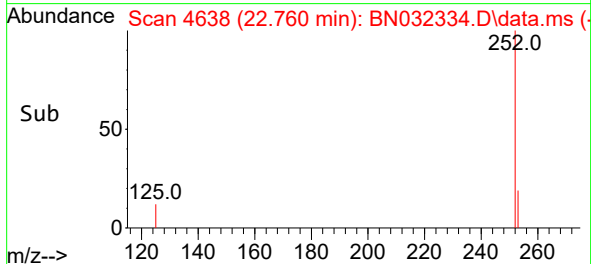
Instrument :
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ClientSampleId :
A4B61



Tgt Ion:252 Resp: 96244
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 15.9 0.0 32.0

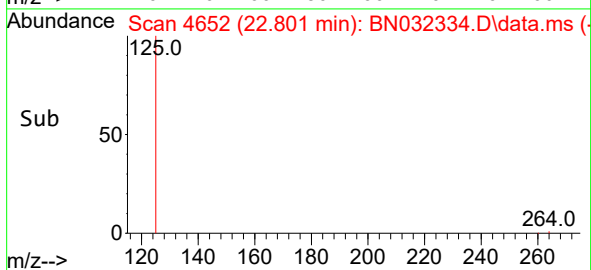
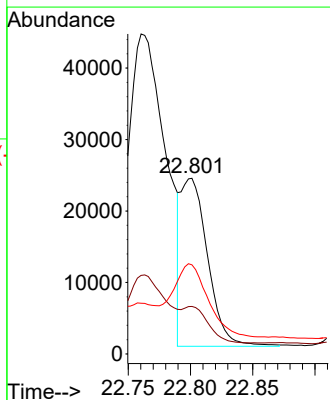
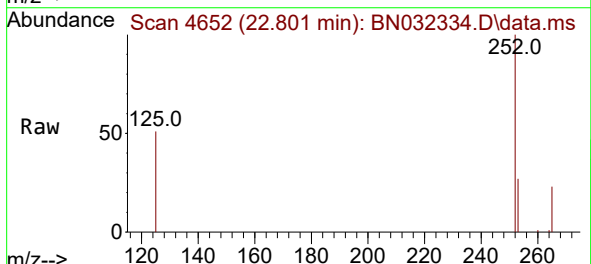
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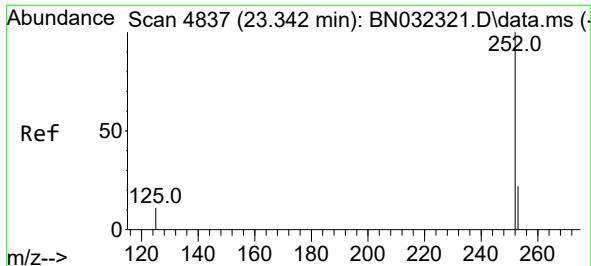
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

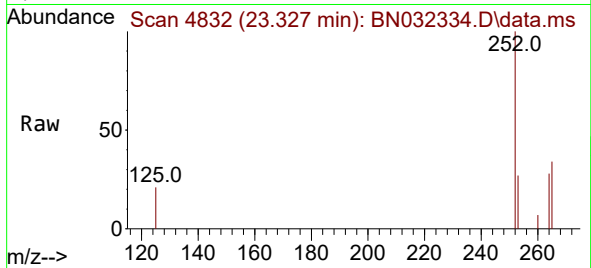
Tgt Ion:252 Resp: 35074
Ion Ratio Lower Upper
252 100
253 27.0 20.3 30.5
125 50.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.504 ng/ul m
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

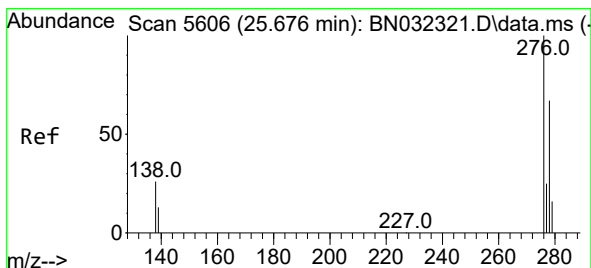
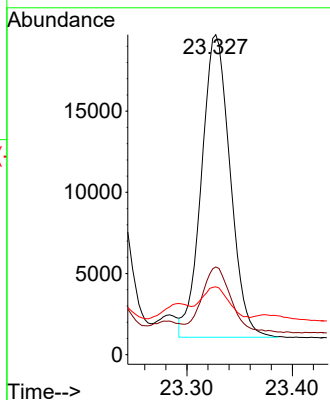
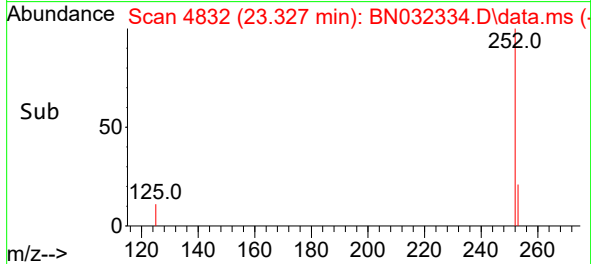
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:252 Resp: 3518
Ion Ratio Lower Upper
252 100
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125 21.2 16.4 24.6

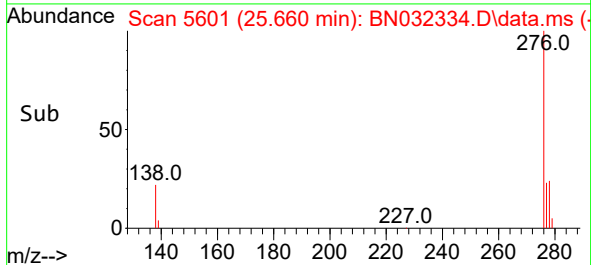
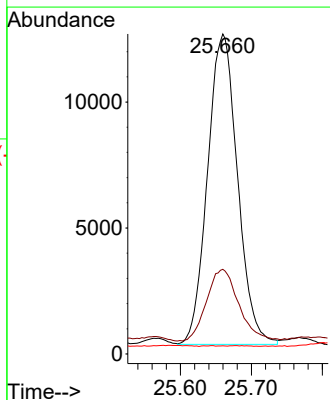
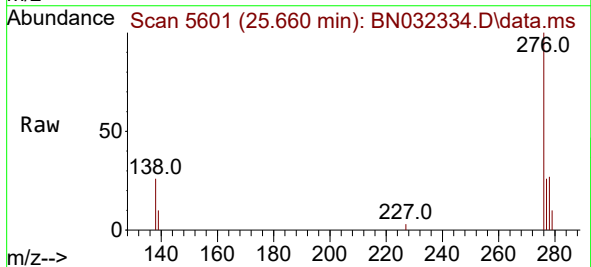
Manual Integrations
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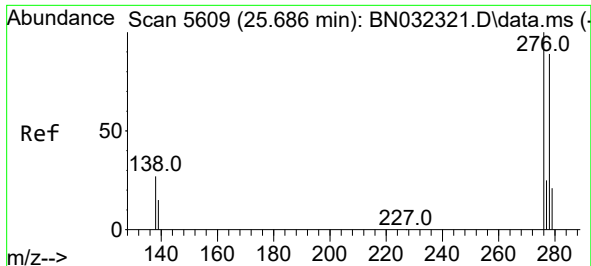
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

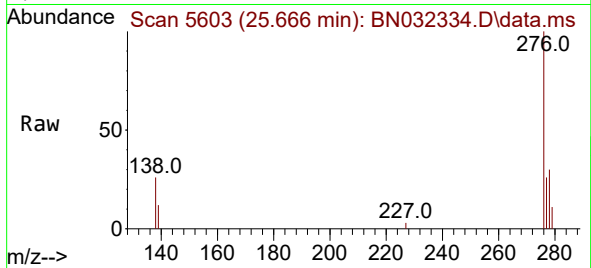
Tgt Ion:276 Resp: 36166
Ion Ratio Lower Upper
276 100
138 3.0 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. -0.044 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

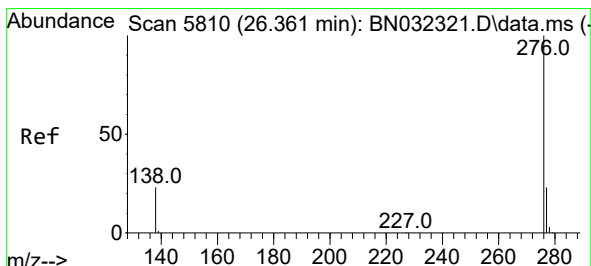
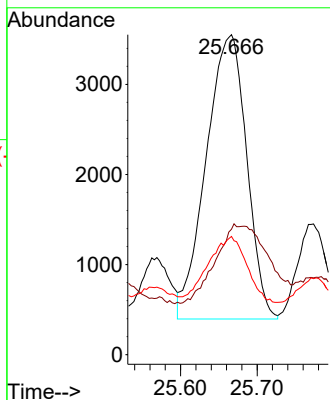
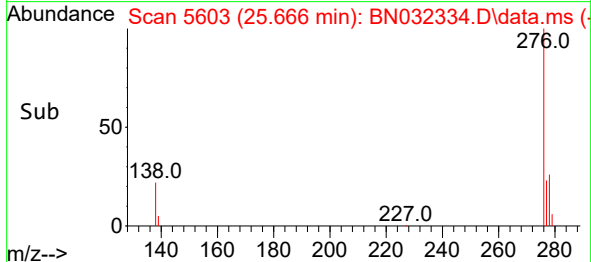
Instrument :
BNA_N
ClientSampleId :
A4B61



Tgt Ion:278 Resp: 1161
Ion Ratio Lower Upper
278 100
139 39.2 15.9 23.9#
279 37.0 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032334.D
Acq: 29 Jun 2024 03:52

Tgt Ion:276 Resp: 6232
Ion Ratio Lower Upper
276 100
138 42.1 19.8 29.6#
277 37.7 19.8 29.6#

