

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032438.D
 Acq On : 03 Jul 2024 16:10
 Operator : MA/JU
 Sample : P3065-04DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DP8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 16:38:59 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	5061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	16689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	11055	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	22050	0.400	ng/ul	0.00
17) Chrysene-d12	21.219	240	15638	0.400	ng/ul	0.01
23) Perylene-d12	23.434	264	17371	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	216	0.038	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	514	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	1571	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.425	128	27900	0.632	ng/ul	100
10) Acenaphthylene	13.970	152	46029	1.001	ng/ul	99
11) Acenaphthene	14.312	153	40470	1.134	ng/ul	98
12) Fluorene	15.316	166	2727	0.064	ng/ul#	98
15) Phenanthrene	17.049	178	55714	0.922	ng/ul	99
16) Anthracene	17.141	178	69519	1.289	ng/ul	99
19) Fluoranthene	19.077	202	58046	0.975	ng/ul	100
20) Pyrene	19.444	202	11261	0.181	ng/ul	98
21) Benzo(a)anthracene	21.201	228	9066	0.161	ng/ul	94
22) Chrysene	21.254	228	7029m	0.113	ng/ul	
24) Benzo(b)fluoranthene	22.768	252	19010	0.252	ng/ul	83
25) Benzo(k)fluoranthene	22.812	252	17378	0.237	ng/ul#	79
26) Benzo(a)pyrene	23.338	252	33233	0.633	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.672	276	49909	0.607	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.678	278	25669	0.420	ng/ul#	93
29) Benzo(g,h,i)perylene	26.363	276	11017	0.168	ng/ul#	85

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

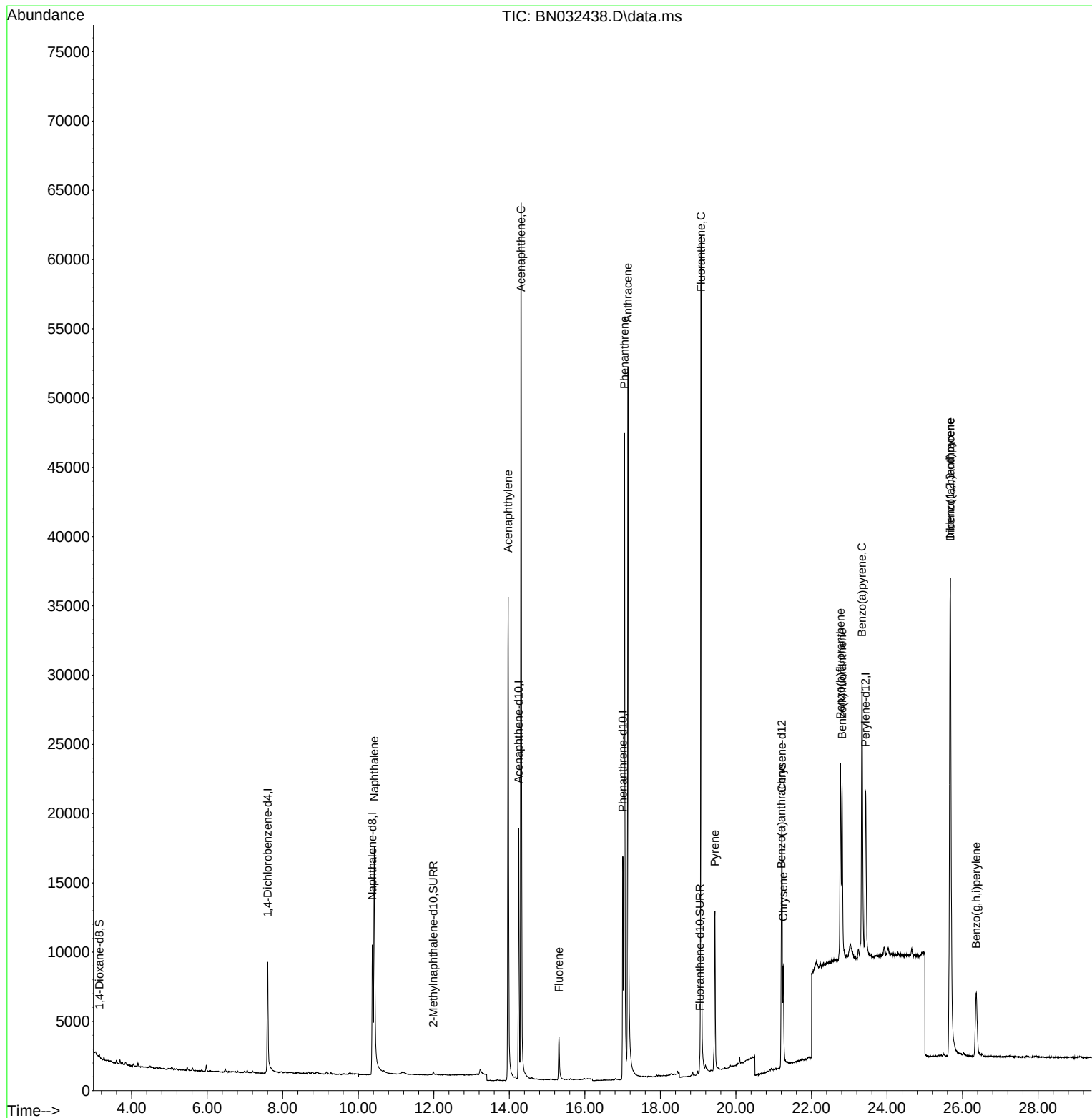
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032438.D
Acq On : 03 Jul 2024 16:10
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ALS Vial : 9 Sample Multiplier: 1

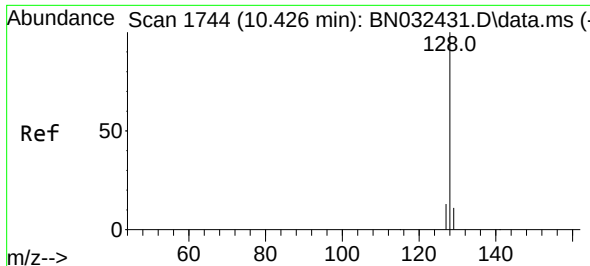
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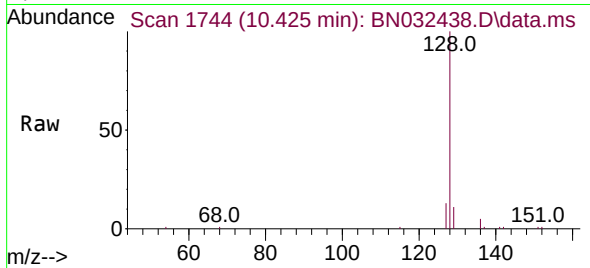
Quant Time: Jul 03 16:38:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.632 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. -0.007 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

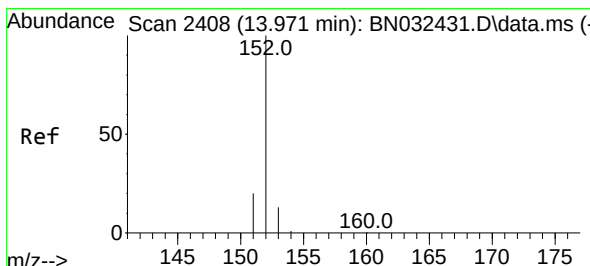
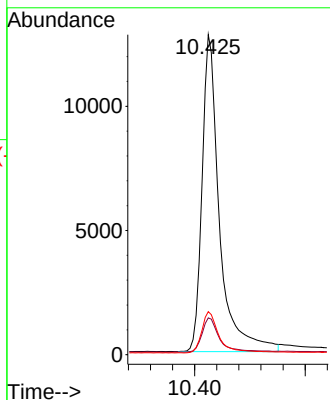
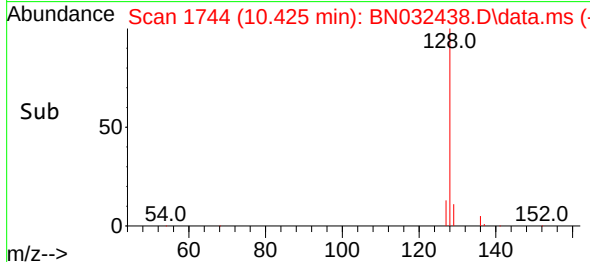
Instrument :
BNA_N
ClientSampleId :
A4DP8DL



Tgt Ion:128 Resp: 27900
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.8 16.2

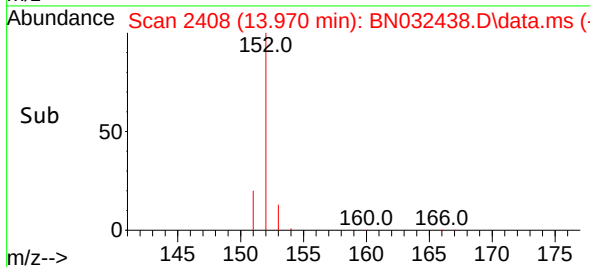
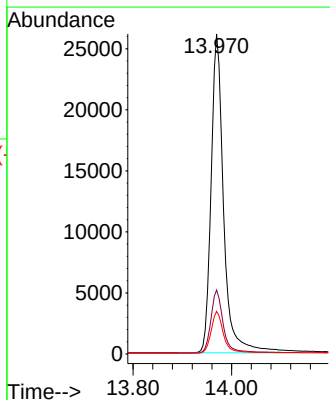
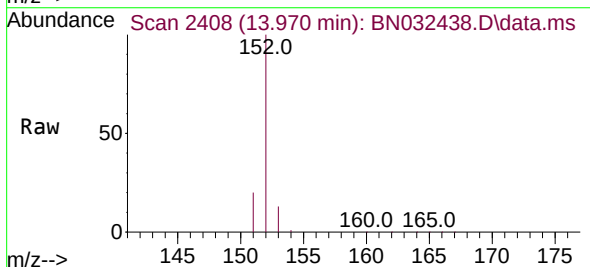
Manual Integrations
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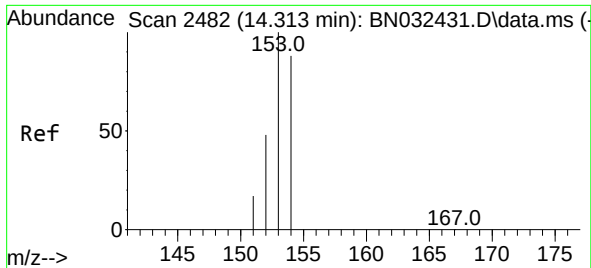
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 1.001 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.001 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

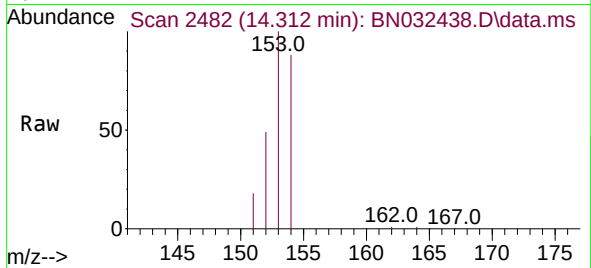
Tgt Ion:152 Resp: 46029
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 1.134 ng/ul
RT: 14.312 min Scan# 2482
Delta R.T. -0.001 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

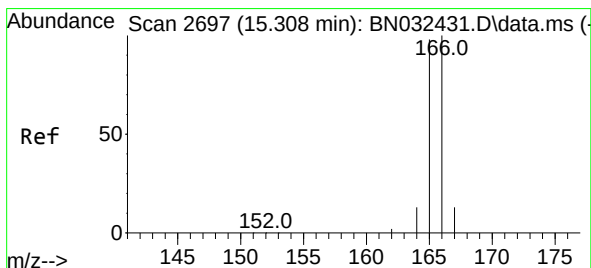
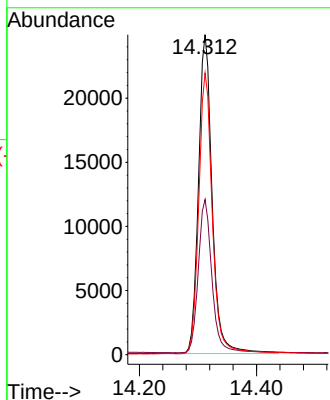
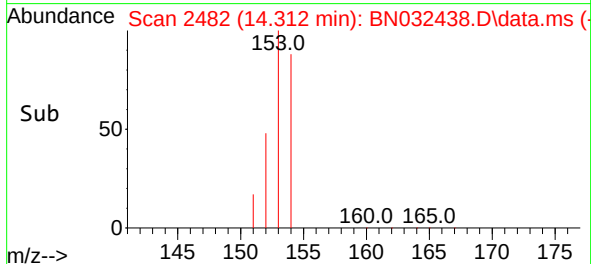
Instrument :
BNA_N
ClientSampleId :
A4DP8DL



Tgt Ion:153 Resp: 40470
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 88.1 71.7 107.5

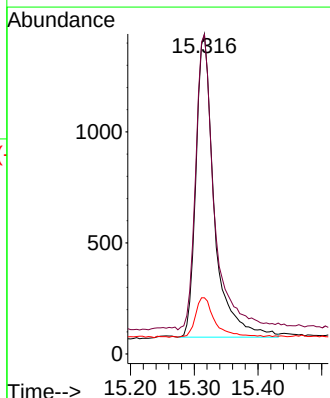
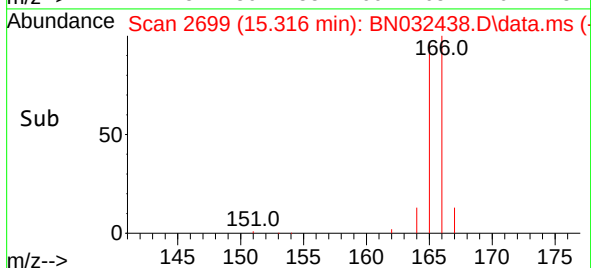
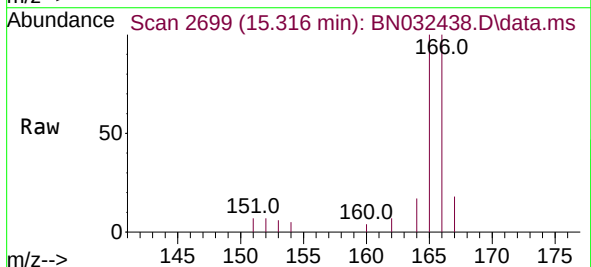
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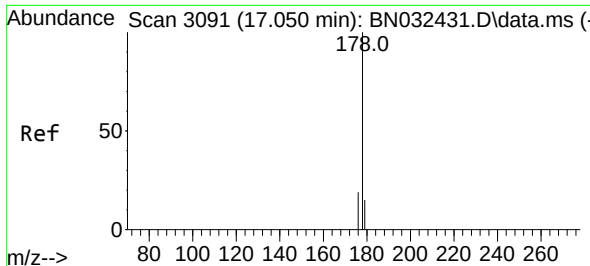
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.316 min Scan# 2699
Delta R.T. 0.003 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

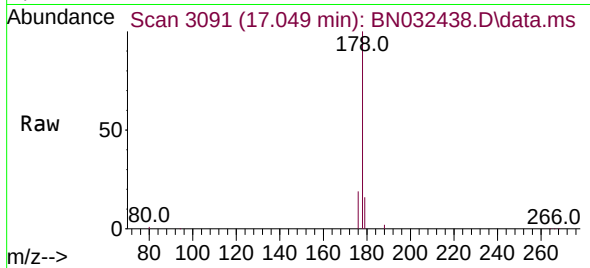
Tgt Ion:166 Resp: 2727
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 17.6 11.0 16.6#





#15
Phenanthrene
Concen: 0.922 ng/u1
RT: 17.049 min Scan# 3091
Delta R.T. -0.001 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

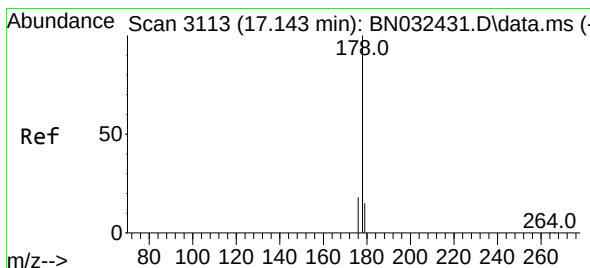
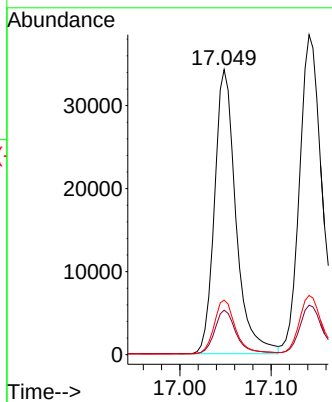
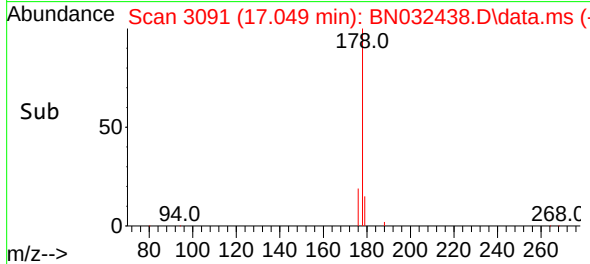
Instrument :
BNA_N
ClientSampleId :
A4DP8DL



Tgt Ion:178 Resp: 55714
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4

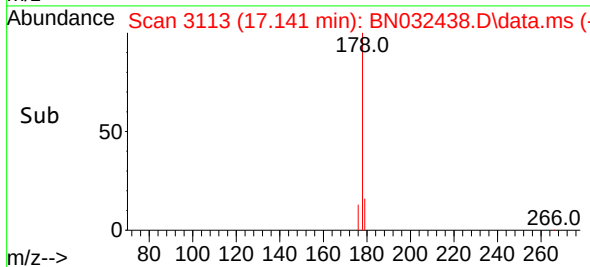
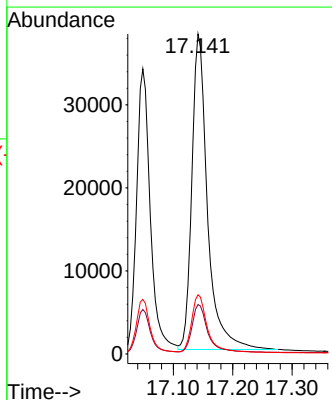
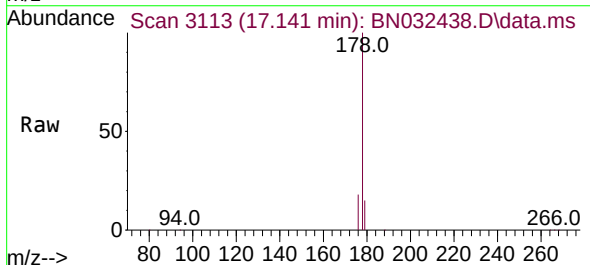
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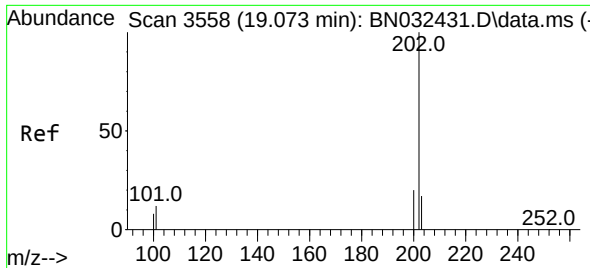
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 1.289 ng/u1
RT: 17.141 min Scan# 3113
Delta R.T. -0.001 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

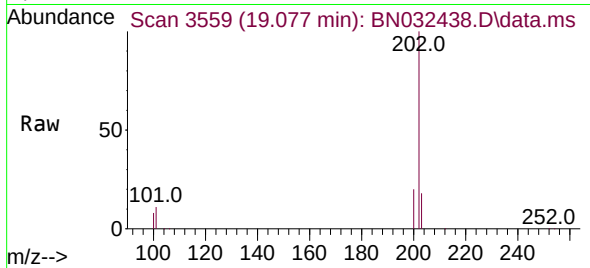
Tgt Ion:178 Resp: 69519
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 0.975 ng/ul
RT: 19.077 min Scan# 3559
Delta R.T. 0.003 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

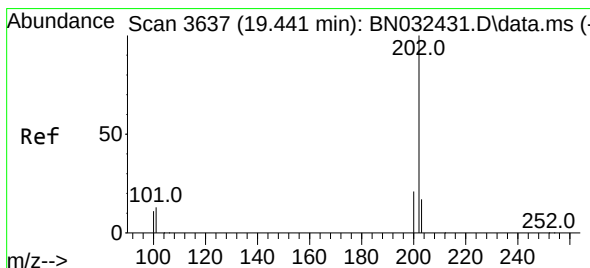
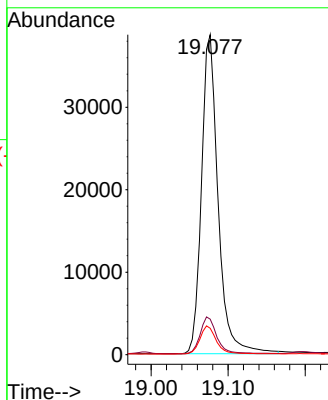
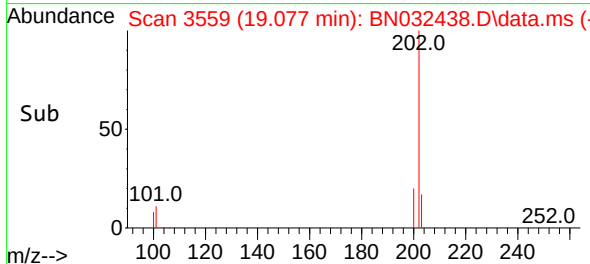
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BNA_N
ClientSampleId :
A4DP8DL



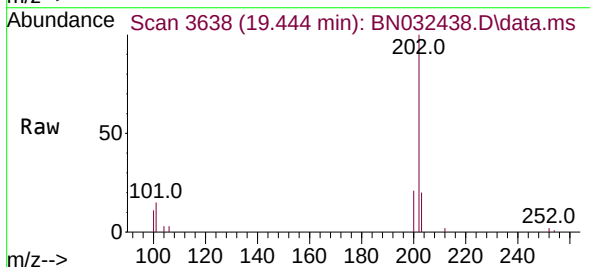
Tgt Ion:202 Resp: 58040
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.2 6.4 9.6

Manual Integrations
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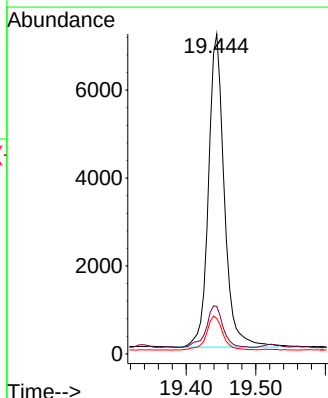
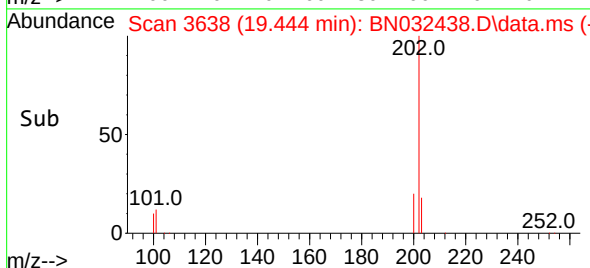
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

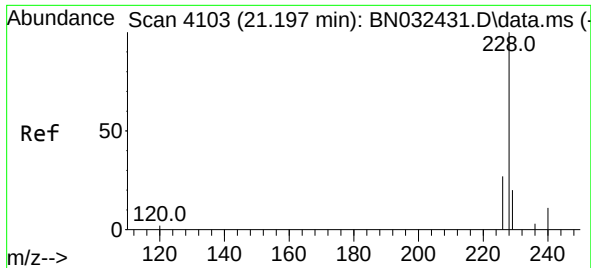


#20
Pyrene
Concen: 0.181 ng/ul
RT: 19.444 min Scan# 3638
Delta R.T. 0.003 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10



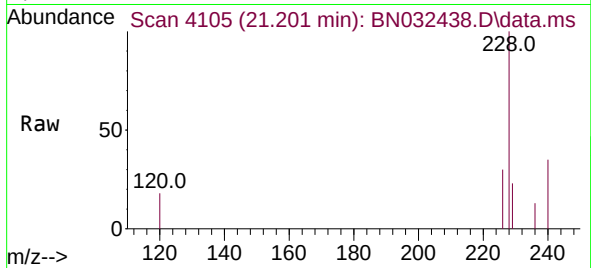
Tgt Ion:202 Resp: 11261
Ion Ratio Lower Upper
202 100
101 14.8 11.0 16.4
100 11.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.201 min Scan# 4105
Delta R.T. 0.010 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

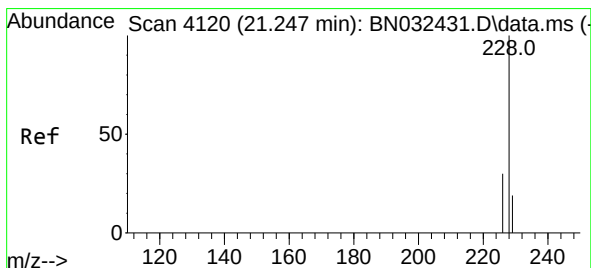
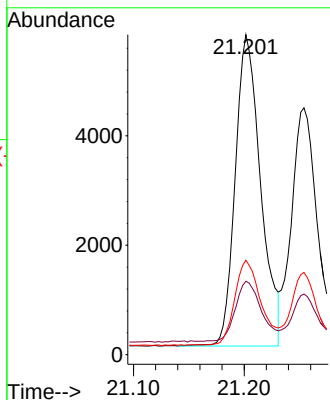
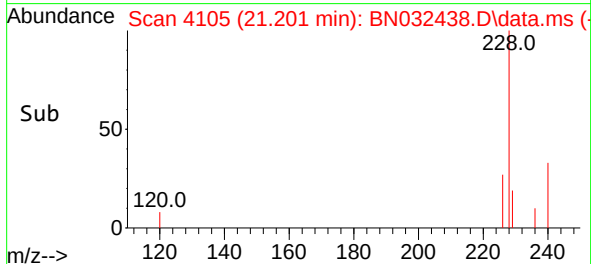
Instrument :
BNA_N
ClientSampleId :
A4DP8DL



Tgt Ion:228 Resp: 906
Ion Ratio Lower Upper
228 100
229 23.0 15.7 23.5
226 29.5 21.8 32.8

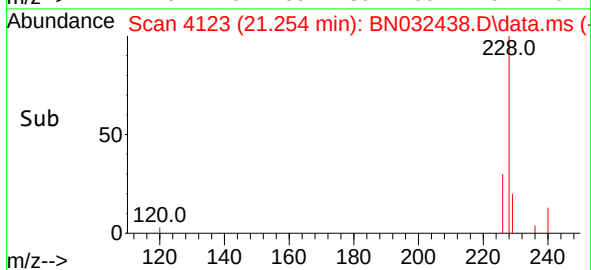
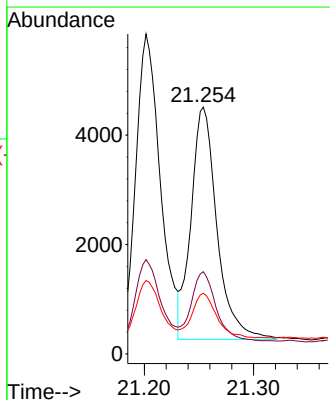
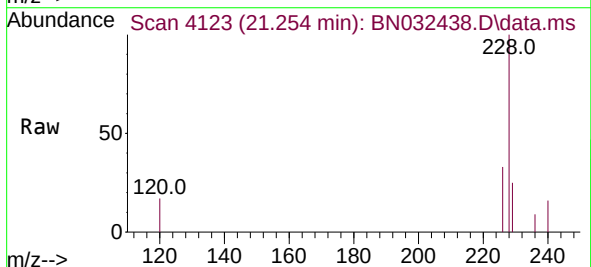
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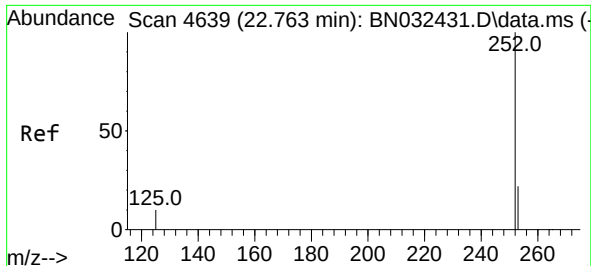
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 0.113 ng/ul m
RT: 21.254 min Scan# 4123
Delta R.T. 0.010 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

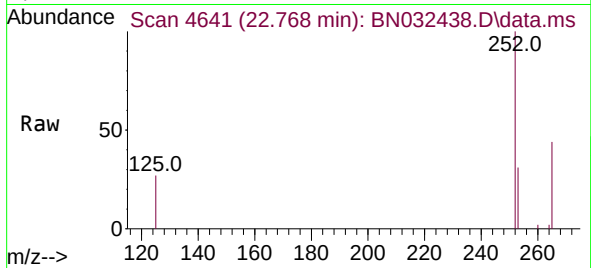
Tgt Ion:228 Resp: 7029
Ion Ratio Lower Upper
228 100
226 33.3 23.6 35.4
229 24.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.252 ng/ul
RT: 22.768 min Scan# 4641
Delta R.T. 0.010 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

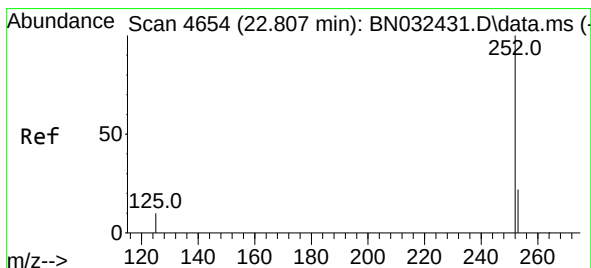
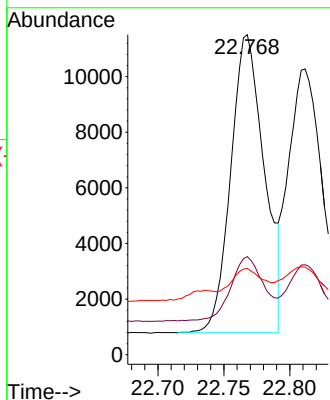
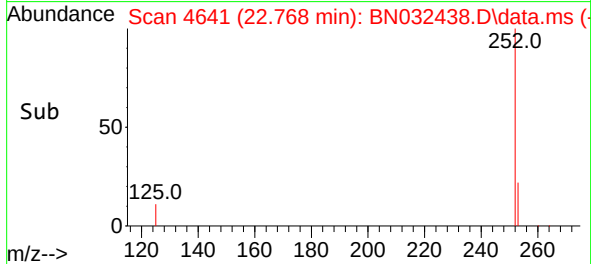
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A4DP8DL



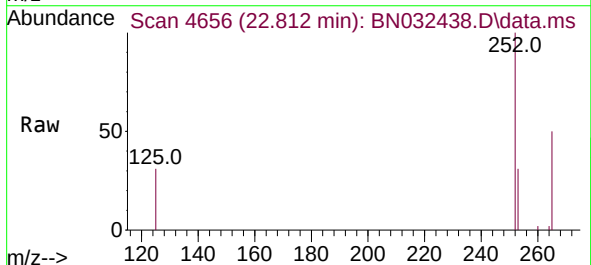
Tgt Ion:252 Resp: 19010
Ion Ratio Lower Upper
252 100
253 30.6 0.0 50.2
125 27.0 0.0 32.0

Manual Integrations
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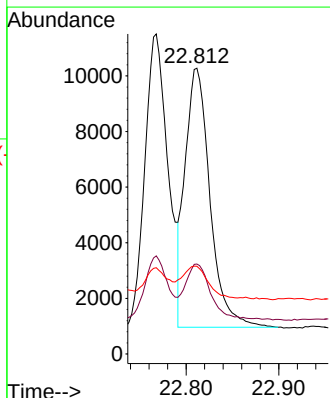
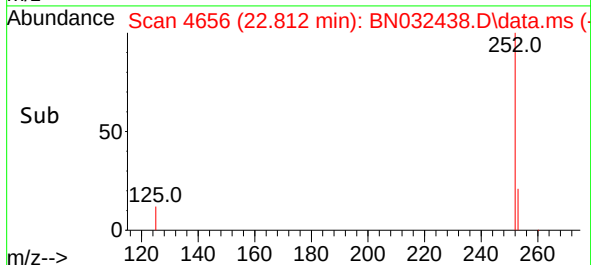
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

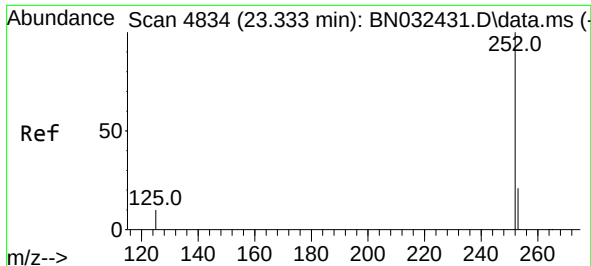


#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul
RT: 22.812 min Scan# 4656
Delta R.T. 0.010 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10



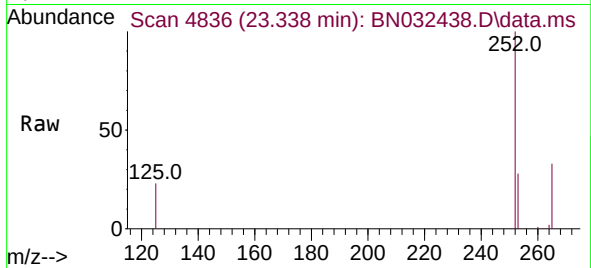
Tgt Ion:252 Resp: 17378
Ion Ratio Lower Upper
252 100
253 31.4 20.3 30.5#
125 30.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.633 ng/ul
RT: 23.338 min Scan# 4834
Delta R.T. 0.010 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

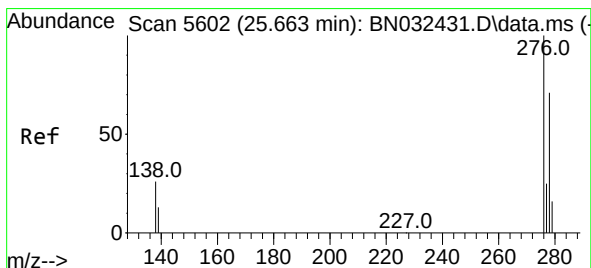
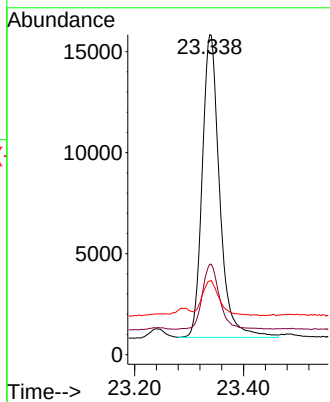
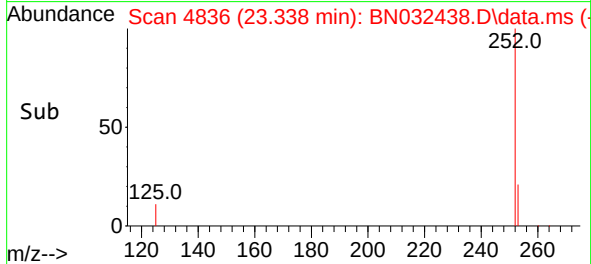
Instrument :
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ClientSampleId :
A4DP8DL



Tgt Ion:252 Resp: 3323
Ion Ratio Lower Upper
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253 28.2 22.2 33.2
125 23.0 16.4 24.6

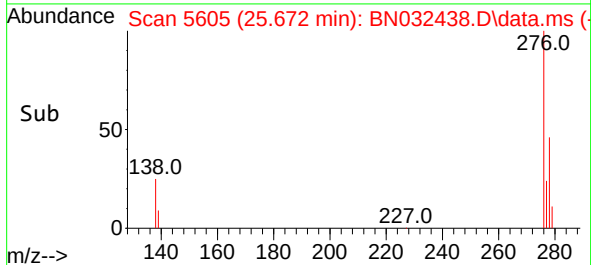
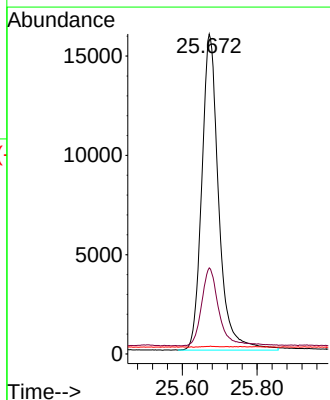
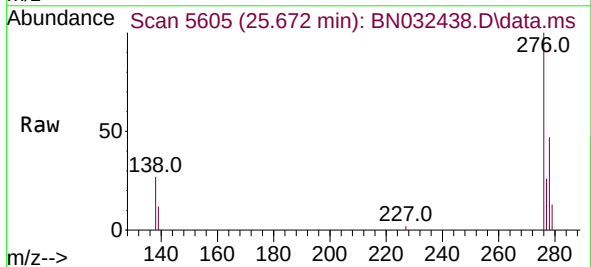
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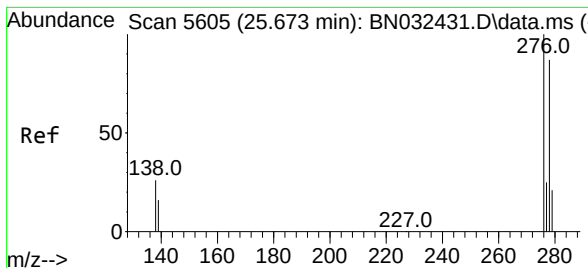
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.607 ng/ul
RT: 25.672 min Scan# 5605
Delta R.T. 0.012 min
Lab File: BN032438.D
Acq: 03 Jul 2024 16:10

Tgt Ion:276 Resp: 49909
Ion Ratio Lower Upper
276 100
138 25.2 21.3 31.9
227 0.3 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.420 ng/ul

RT: 25.678 min Scan# 5011

Delta R.T. 0.012 min

Lab File: BN032438.D

Acq: 03 Jul 2024 16:10

Instrument :

BNA_N

ClientSampleId :

A4DP8DL

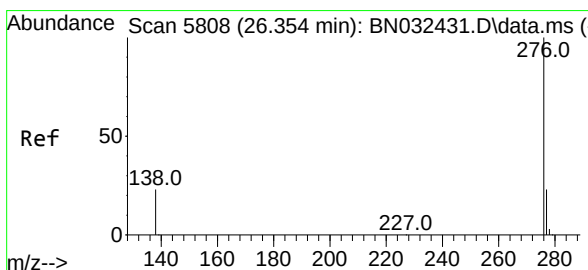
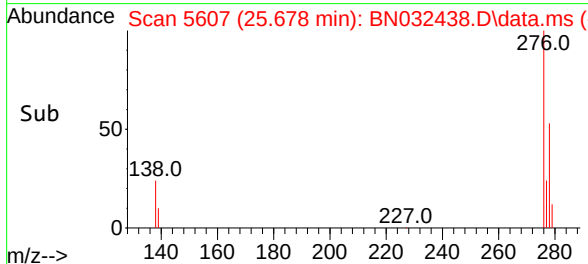
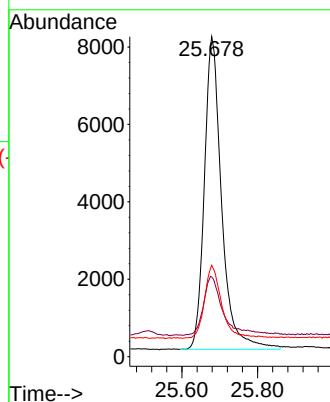
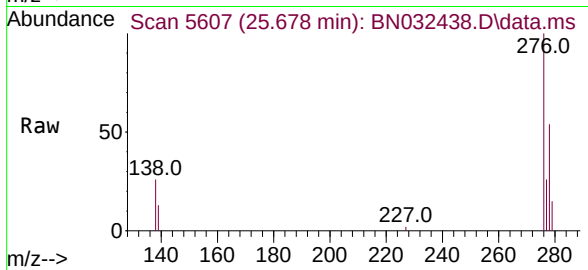
Tgt Ion:	278	Resp:	25669
Ion Ratio	Lower	Upper	
278	100		
139	24.9	15.9	23.9#
279	28.5	21.1	31.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.168 ng/ul

RT: 26.363 min Scan# 5811

Delta R.T. 0.019 min

Lab File: BN032438.D

Acq: 03 Jul 2024 16:10

Tgt Ion:	276	Resp:	11017
Ion Ratio	Lower	Upper	
276	100		
138	33.7	19.8	29.6#
277	30.6	19.8	29.6#

