

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032434.D
 Acq On : 03 Jul 2024 13:02
 Operator : MA/JU
 Sample : P2963-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 13:28:20 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	5858	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	18593	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	11882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	23555	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	17177	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	19149	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	359	0.055	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	717	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	1886	0.036	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	34211	0.695	ng/ul	99
10) Acenaphthylene	13.971	152	40034	0.810	ng/ul	100
11) Acenaphthene	14.313	153	54170	1.412	ng/ul	99
12) Fluorene	15.308	166	31351	0.686	ng/ul	99
15) Phenanthrene	17.050	178	92308	1.429	ng/ul	99
16) Anthracene	17.143	178	80850	1.404	ng/ul	99
19) Fluoranthene	19.073	202	63010	0.963	ng/ul	97
20) Pyrene	19.441	202	27830	0.407	ng/ul	99
21) Benzo(a)anthracene	21.200	228	8148m	0.131	ng/ul	
22) Chrysene	21.252	228	22979	0.338	ng/ul	97
24) Benzo(b)fluoranthene	22.766	252	22593	0.272	ng/ul	87
25) Benzo(k)fluoranthene	22.810	252	19382	0.240	ng/ul#	80
26) Benzo(a)pyrene	23.339	252	30551	0.528	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.670	276	39973	0.441	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.680	278	37719	0.560	ng/ul	96
29) Benzo(g,h,i)perylene	26.354	276	28554	0.396	ng/ul	95

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

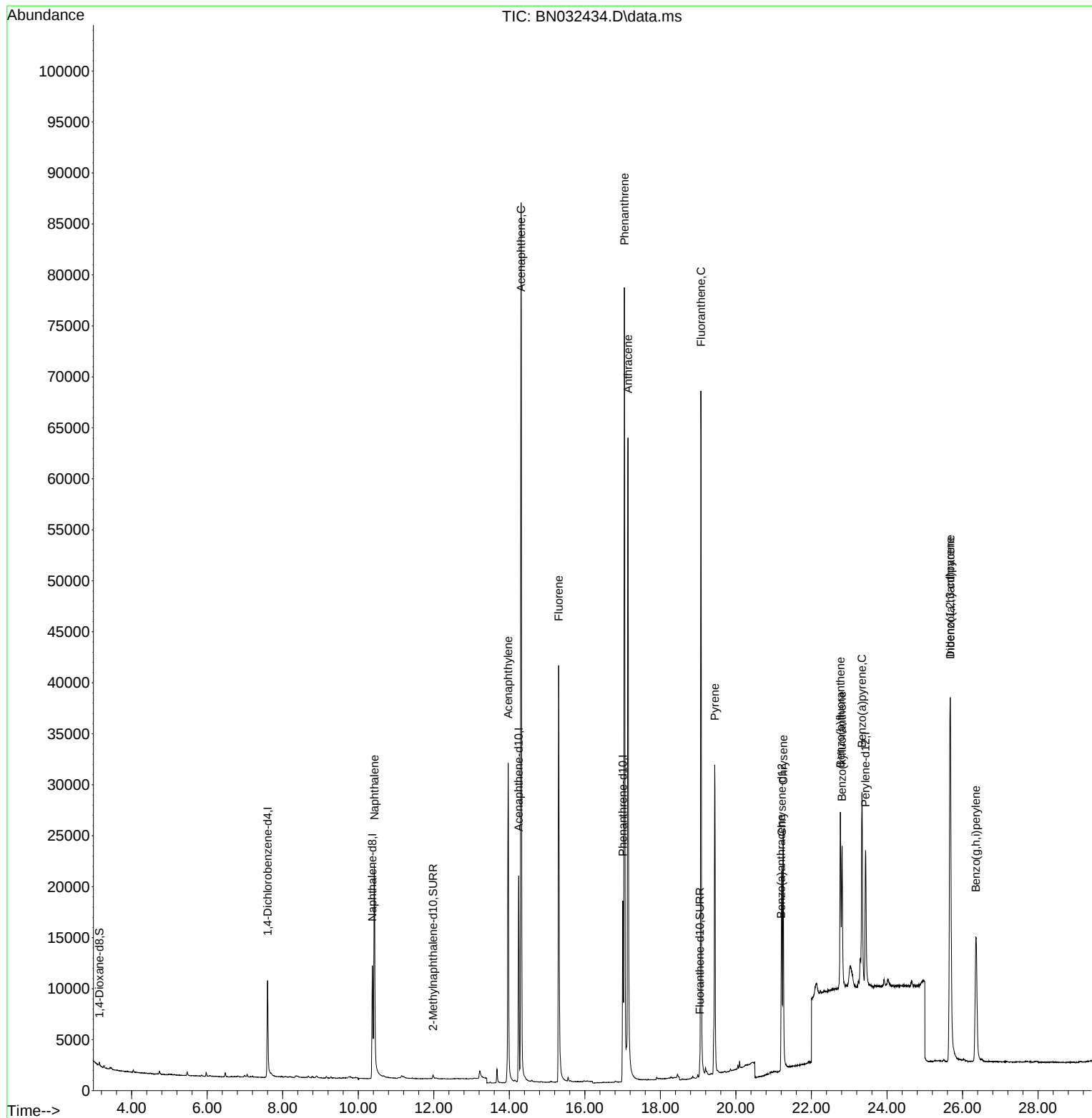
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032434.D
Acq On : 03 Jul 2024 13:02
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Sample : P2963-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

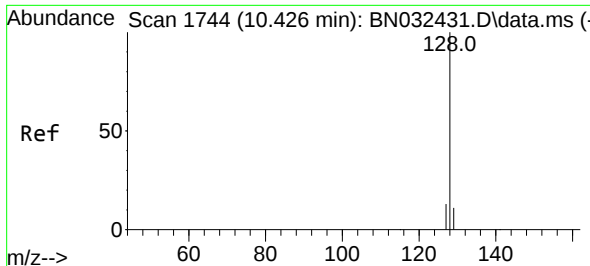
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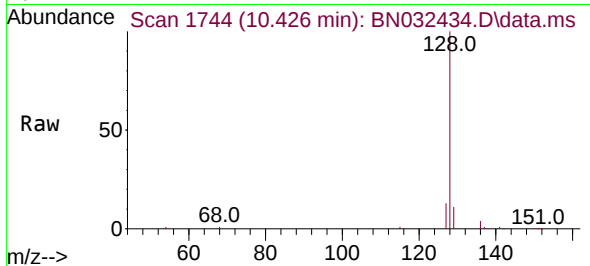
Quant Time: Jul 03 13:28:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.695 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

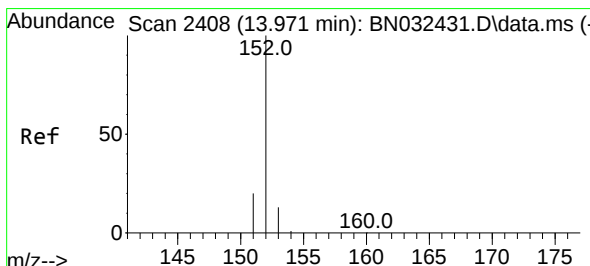
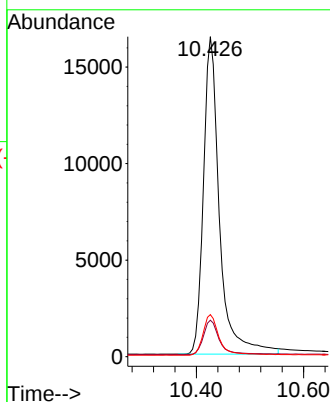
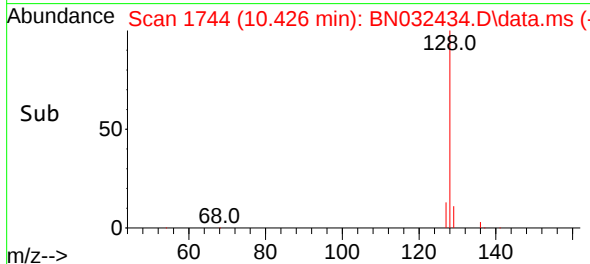
Instrument :
BNA_N
ClientSampleId :
A4DN8DL



Tgt Ion:128 Resp: 3421
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.8 16.2

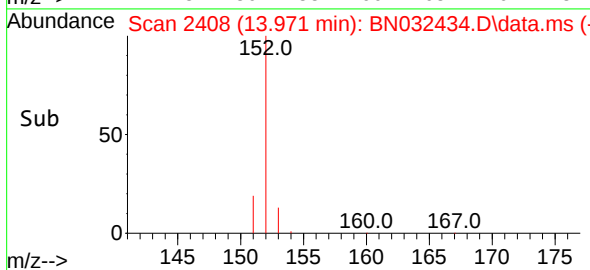
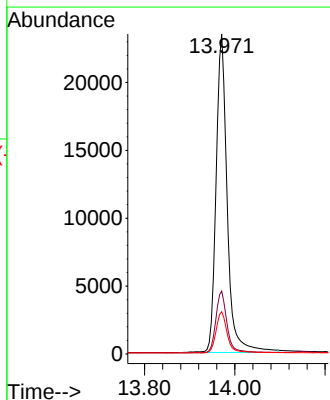
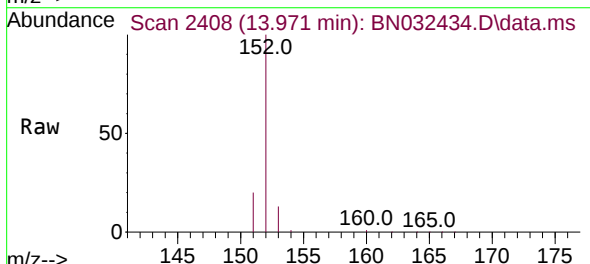
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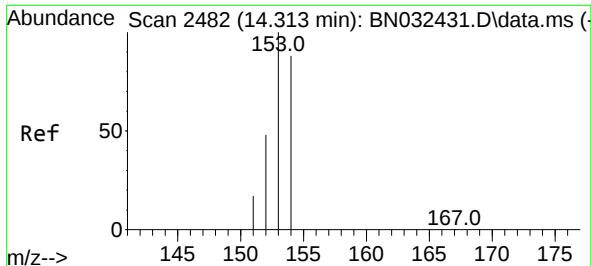
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.810 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

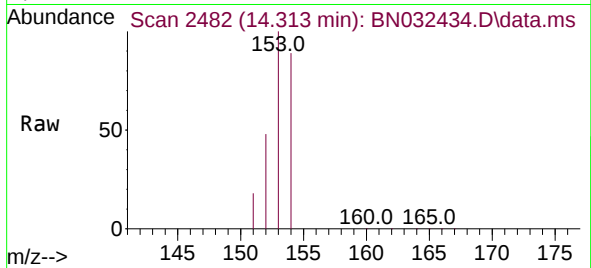
Tgt Ion:152 Resp: 40034
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.9 16.3





#11
Acenaphthene
Concen: 1.412 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

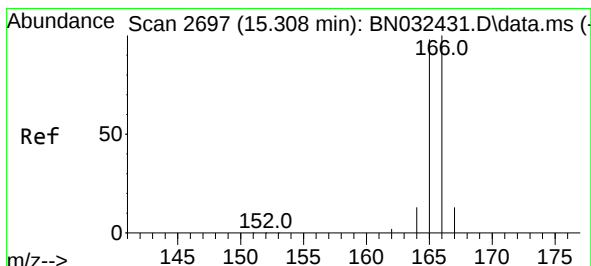
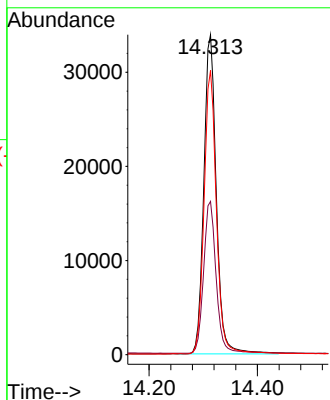
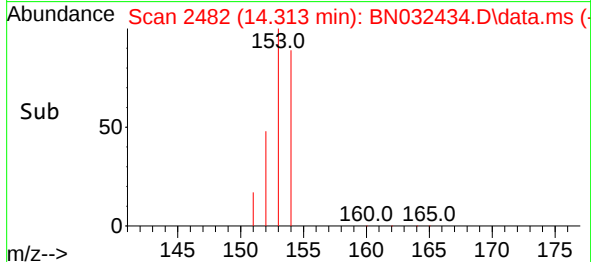
Instrument :
BNA_N
ClientSampleId :
A4DN8DL



Tgt Ion:153 Resp: 54170
Ion Ratio Lower Upper
153 100
152 47.9 39.5 59.3
154 88.8 71.7 107.5

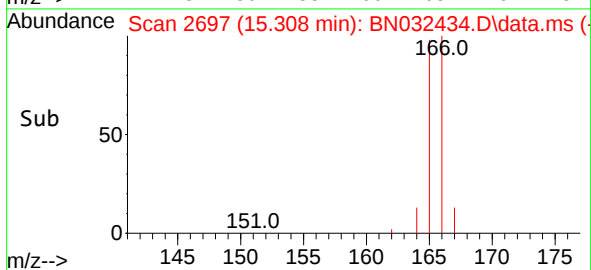
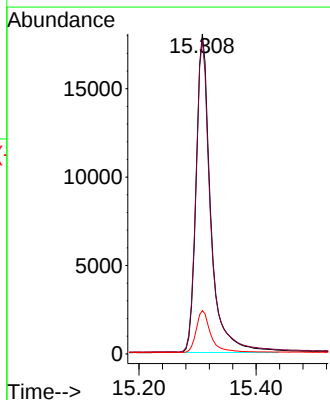
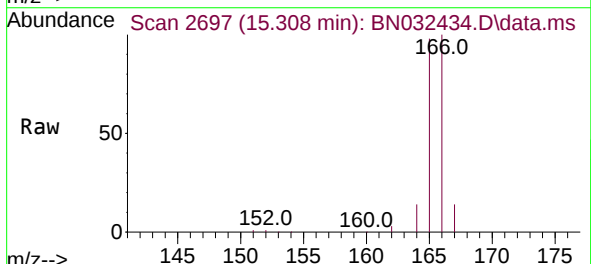
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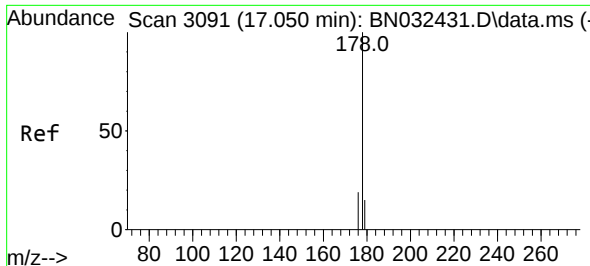
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.686 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.004 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

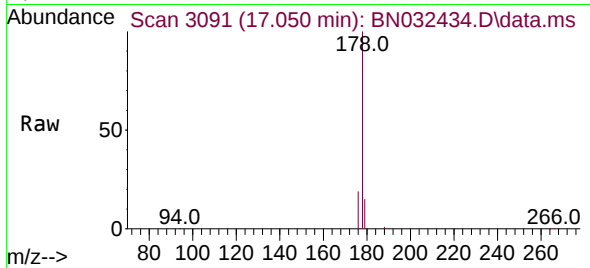
Tgt Ion:166 Resp: 31351
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 13.6 11.0 16.6





#15
Phenanthrene
Concen: 1.429 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

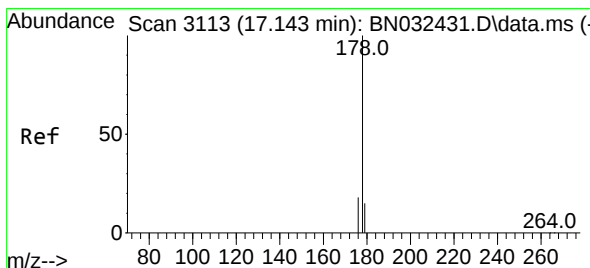
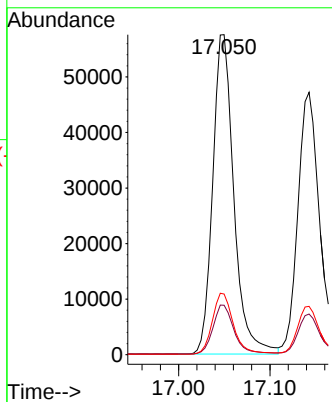
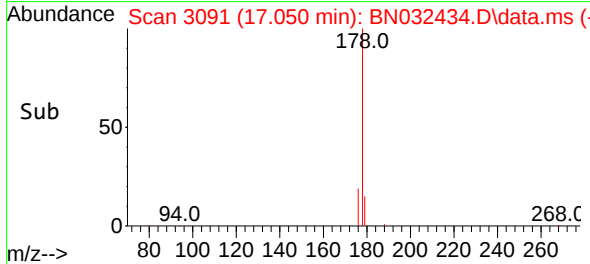
Instrument :
BNA_N
ClientSampleId :
A4DN8DL



Tgt Ion:178 Resp: 92308
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4

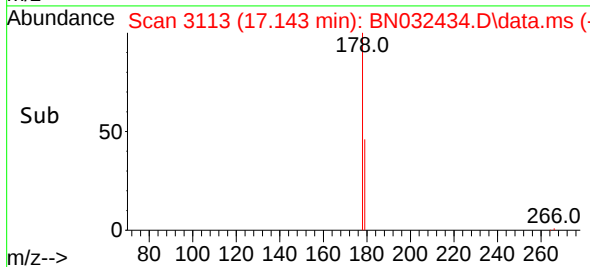
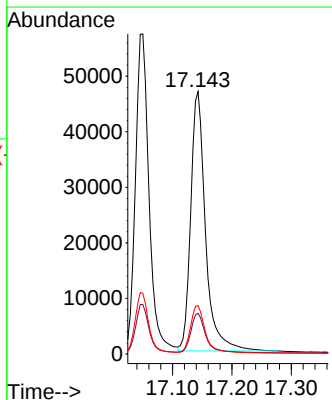
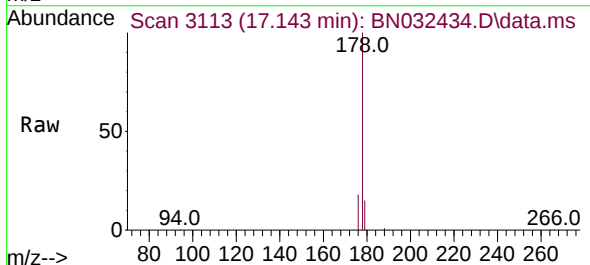
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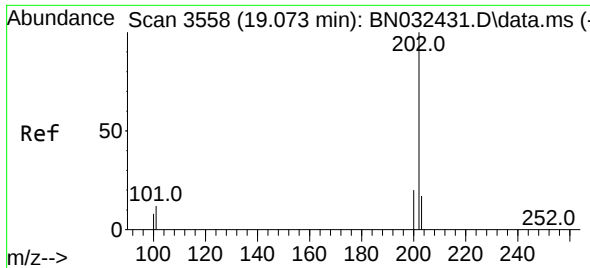
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 1.404 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

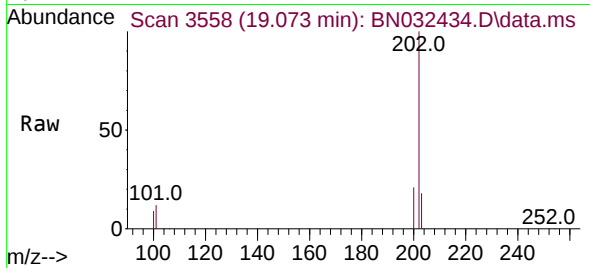
Tgt Ion:178 Resp: 80850
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 0.963 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

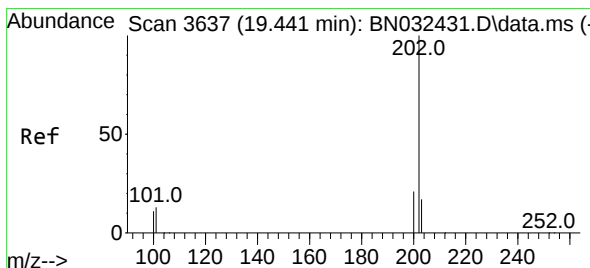
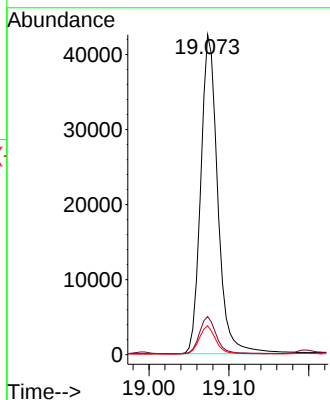
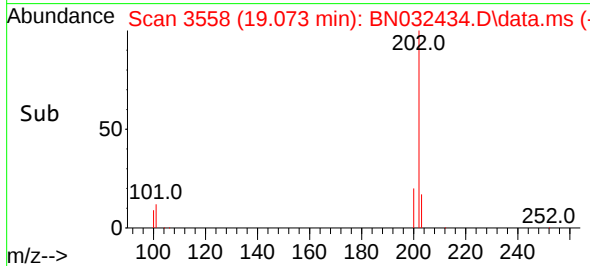
Instrument :
BNA_N
ClientSampleId :
A4DN8DL



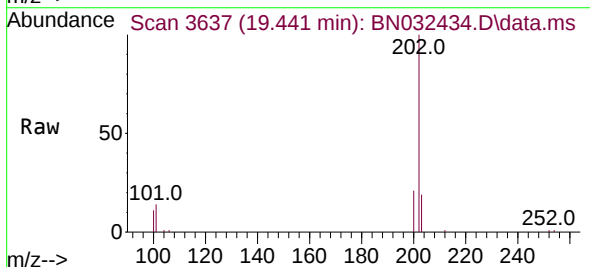
Tgt Ion:202 Resp: 63010
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 9.0 6.4 9.6

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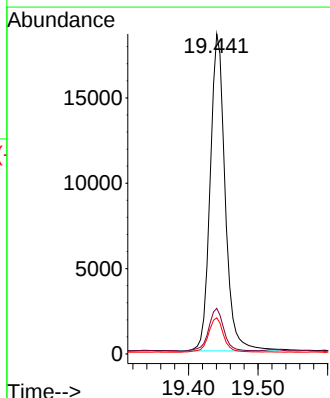
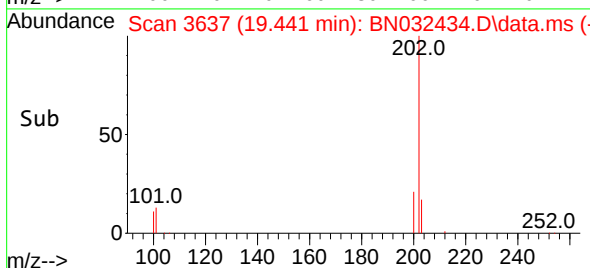
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Supervised By :mohammad ahmed 07/05/2024

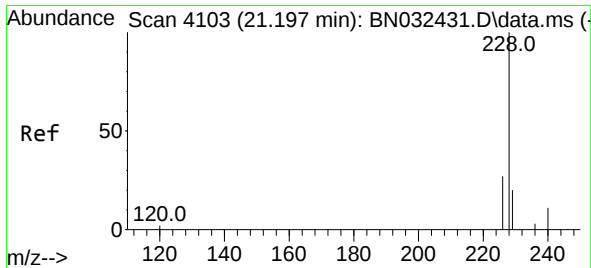


#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.441 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02



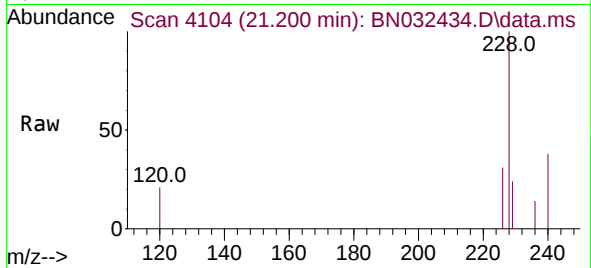
Tgt Ion:202 Resp: 27830
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.131 ng/ul m
RT: 21.200 min Scan# 4103
Delta R.T. 0.009 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

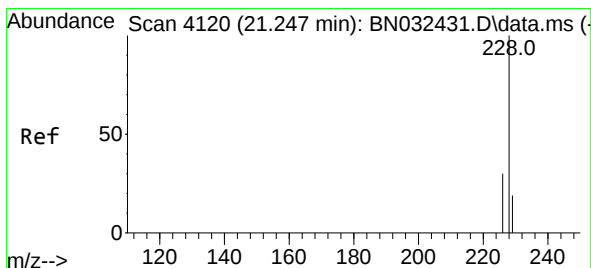
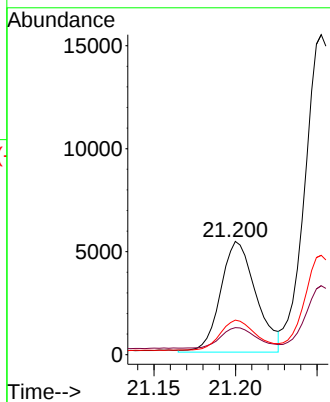
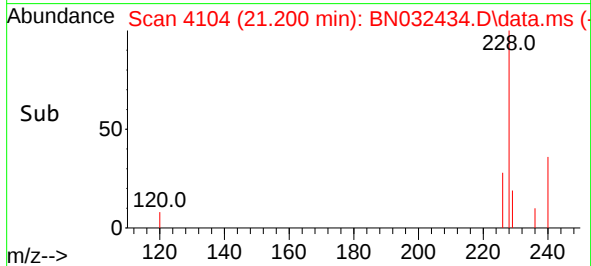
Instrument :
BNA_N
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A4DN8DL



Tgt Ion:228 Resp: 8148
Ion Ratio Lower Upper
228 100
229 23.9 15.7 23.5
226 30.5 21.8 32.8

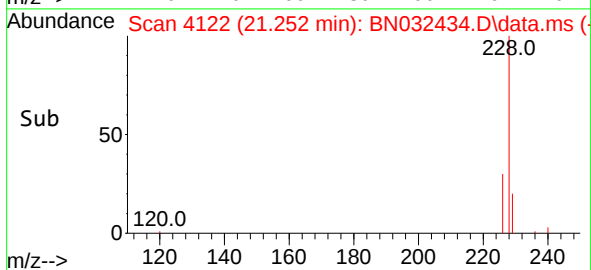
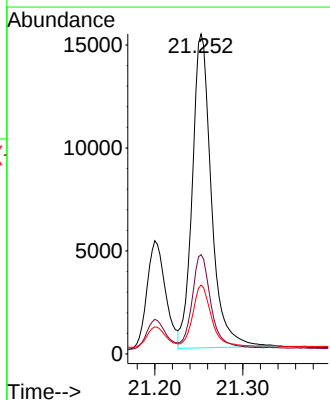
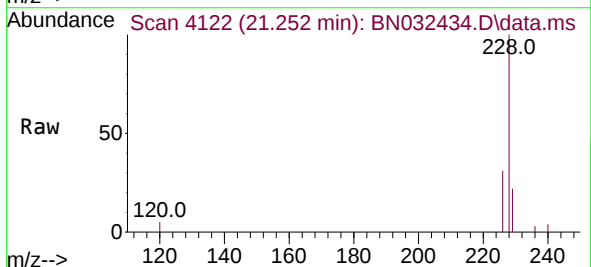
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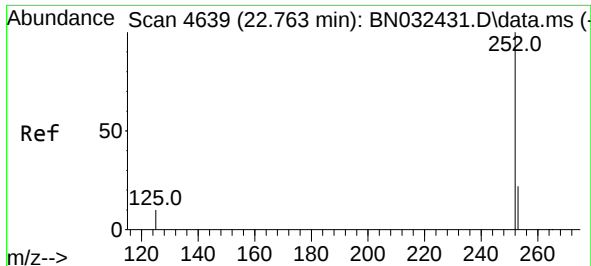
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. 0.009 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

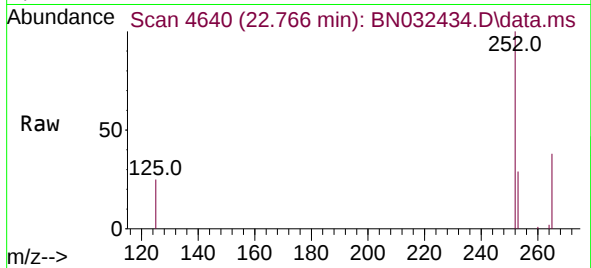
Tgt Ion:228 Resp: 22979
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.272 ng/ul
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

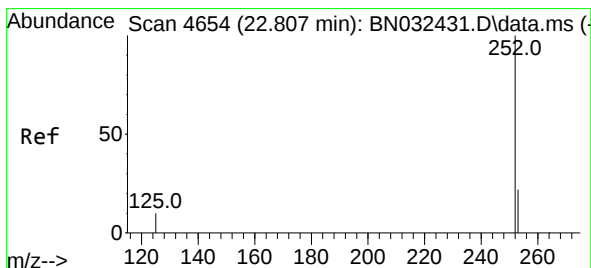
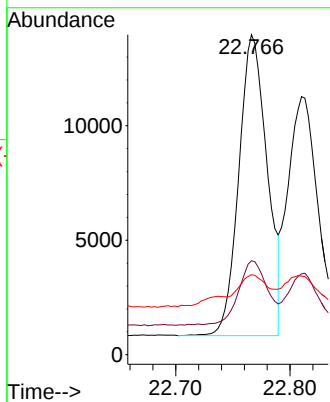
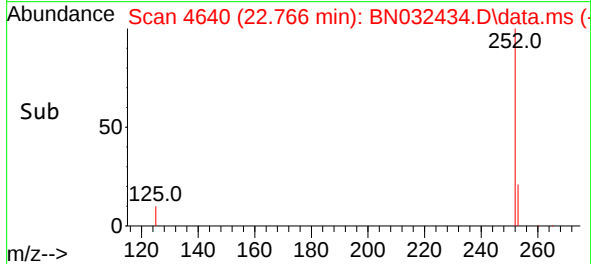
Instrument :
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A4DN8DL



Tgt Ion:252 Resp: 2259
Ion Ratio Lower Upper
252 100
253 29.3 0.0 50.2
125 25.0 0.0 32.0

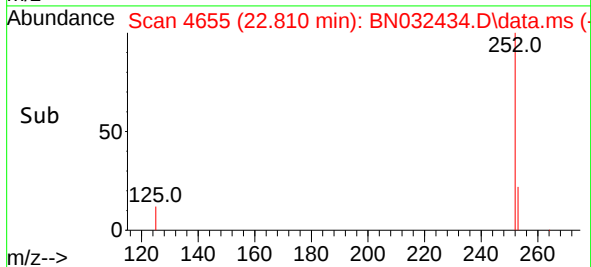
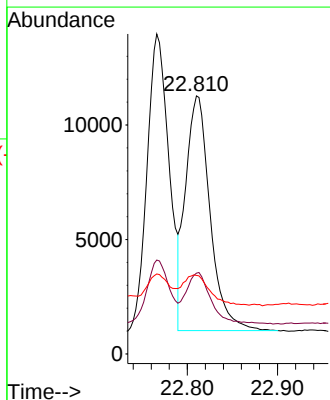
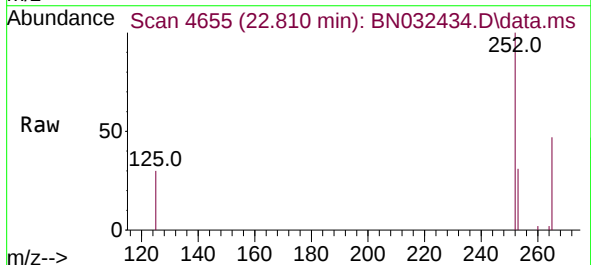
Manual Integrations
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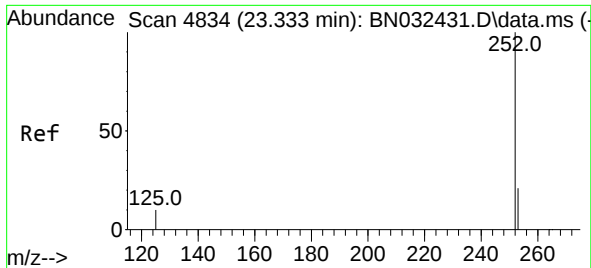
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul
RT: 22.810 min Scan# 4655
Delta R.T. 0.009 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

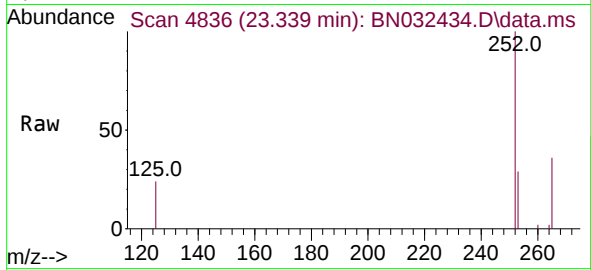
Tgt Ion:252 Resp: 19382
Ion Ratio Lower Upper
252 100
253 31.3 20.3 30.5#
125 30.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.528 ng/ul
RT: 23.339 min Scan# 4834
Delta R.T. 0.012 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

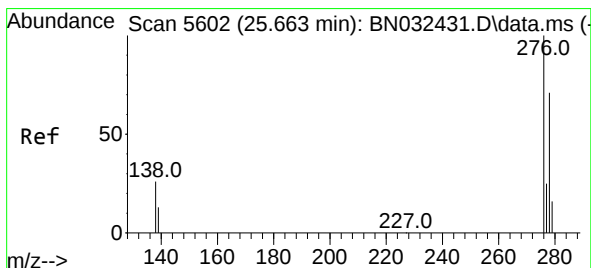
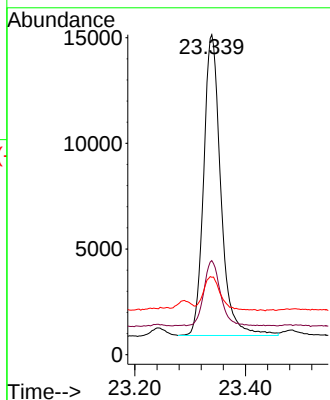
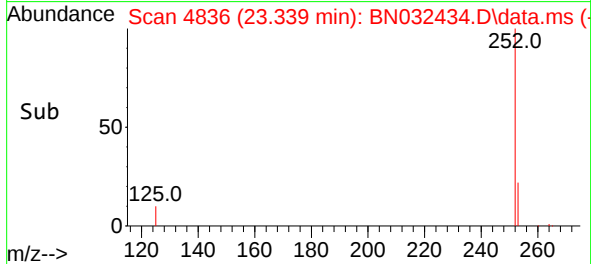
Instrument :
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Tgt Ion:252 Resp: 3055
Ion Ratio Lower Upper
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125 24.2 16.4 24.6

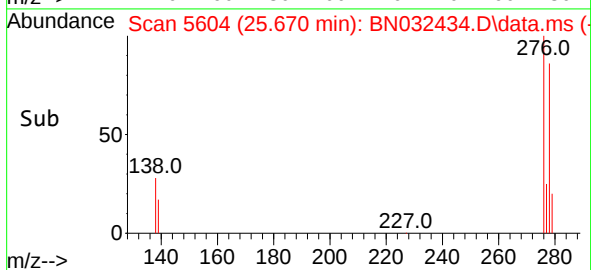
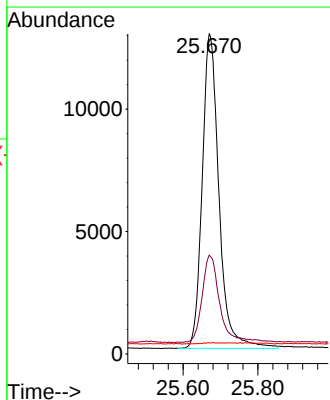
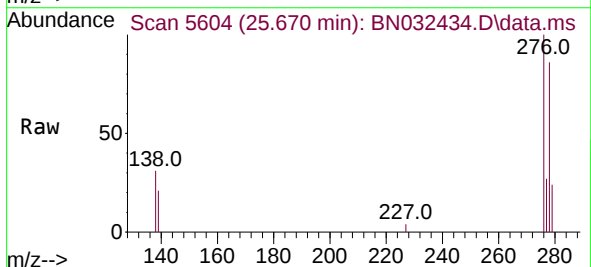
Manual Integrations
APPROVED

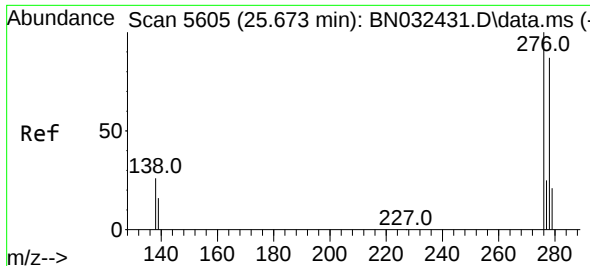
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032434.D
Acq: 03 Jul 2024 13:02

Tgt Ion:276 Resp: 39973
Ion Ratio Lower Upper
276 100
138 29.2 21.3 31.9
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.560 ng/ul

RT: 25.680 min Scan# 5607

Delta R.T. 0.014 min

Lab File: BN032434.D

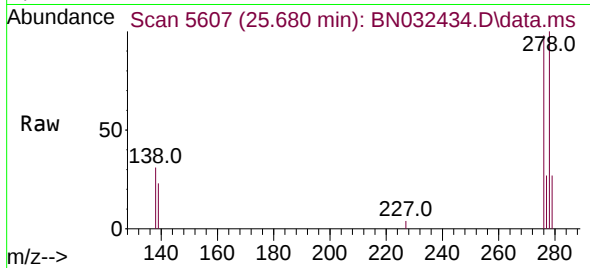
Acq: 03 Jul 2024 13:02

Instrument :

BNA_N

ClientSampleId :

A4DN8DL



Tgt Ion:278 Resp: 37719

Ion Ratio Lower Upper

278 100

139 23.4 15.9 23.9

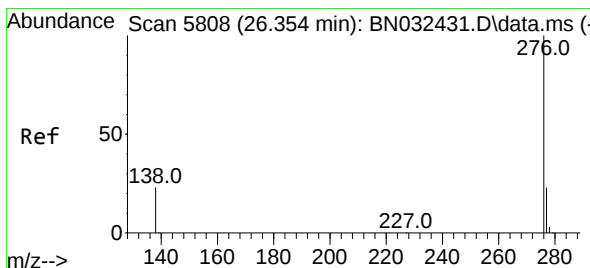
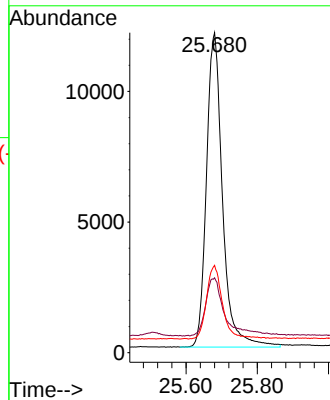
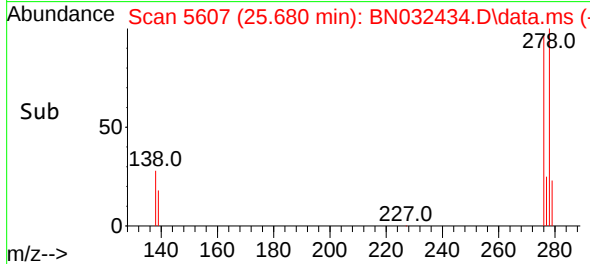
279 27.3 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.396 ng/ul

RT: 26.354 min Scan# 5808

Delta R.T. 0.010 min

Lab File: BN032434.D

Acq: 03 Jul 2024 13:02

Tgt Ion:276 Resp: 28554

Ion Ratio Lower Upper

276 100

138 28.1 19.8 29.6

277 26.8 19.8 29.6

