

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032381.D
 Acq On : 02 Jul 2024 02:45
 Operator : MA/JU
 Sample : P2934-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 03:11:47 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	7.607	152	7763	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	21669	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	11081	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	20477	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	18291	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	22602	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6989	0.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1573	0.048	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2886	0.052	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.431	128	2104	0.037	ng/ul#	83
7) 2-Methylnaphthalene	12.059	142	942	0.025	ng/ul	96
8) 1-Methylnaphthalene	12.279	142	849	0.022	ng/ul	94
10) Acenaphthylene	13.975	152	3336	0.072	ng/ul#	90
11) Acenaphthene	14.318	153	3576	0.100	ng/ul	98
12) Fluorene	15.312	166	3569	0.084	ng/ul#	97
15) Phenanthrene	17.050	178	66631	1.187	ng/ul	99
16) Anthracene	17.143	178	13478	0.269	ng/ul	97
19) Fluoranthene	19.073	202	103043	1.479	ng/ul	98
20) Pyrene	19.440	202	102727	1.411	ng/ul	99
21) Benzo(a)anthracene	21.197	228	51840	0.785	ng/ul	97
22) Chrysene	21.249	228	49521	0.683	ng/ul	97
24) Benzo(b)fluoranthene	22.763	252	69668m	0.709	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	21995m	0.231	ng/ul	
26) Benzo(a)pyrene	23.330	252	50003	0.732	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.663	276	35099	0.328	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.666	278	8157	0.103	ng/ul#	65
29) Benzo(g,h,i)perylene	26.347	276	34026	0.399	ng/ul	96

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

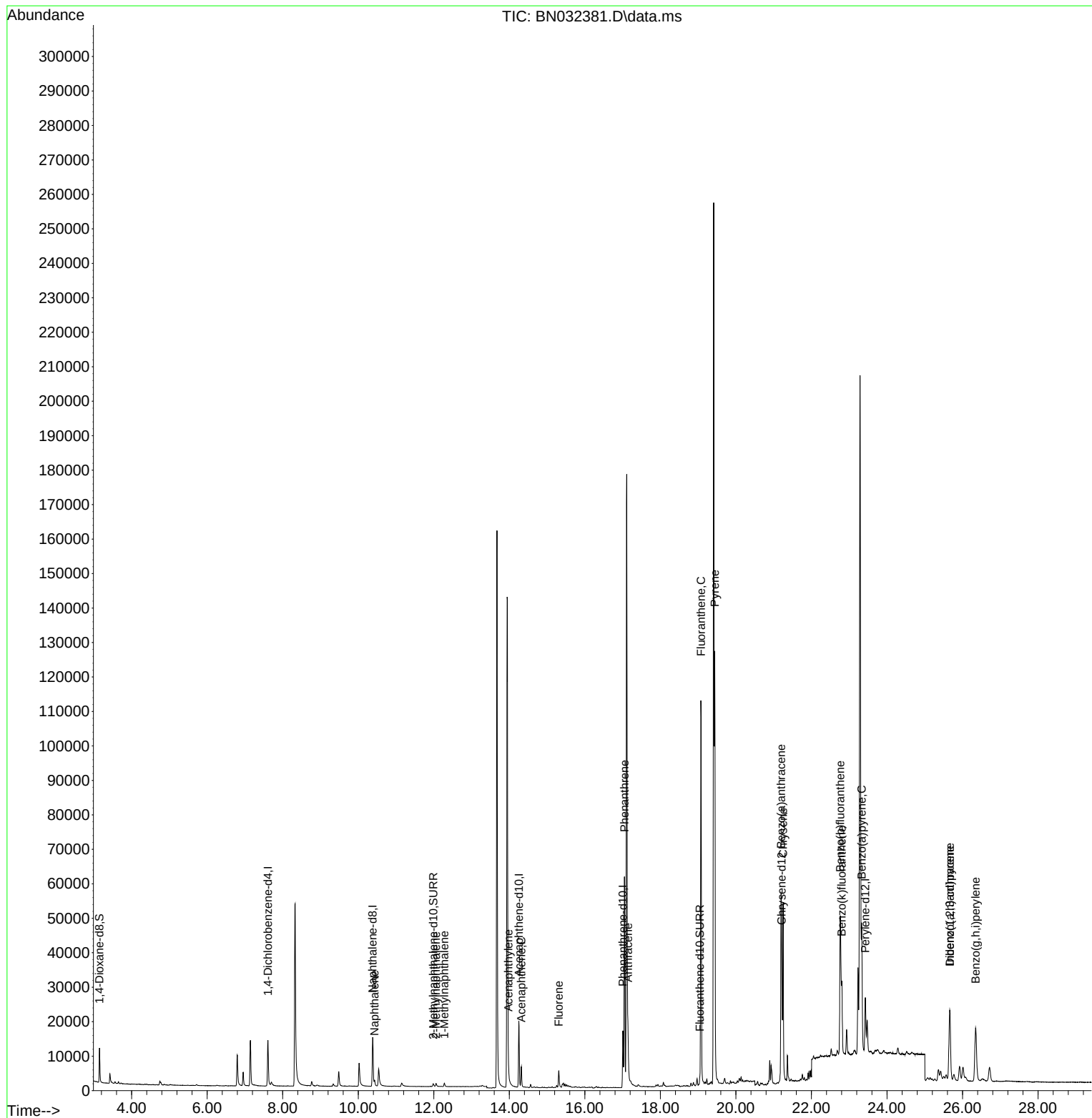
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032381.D
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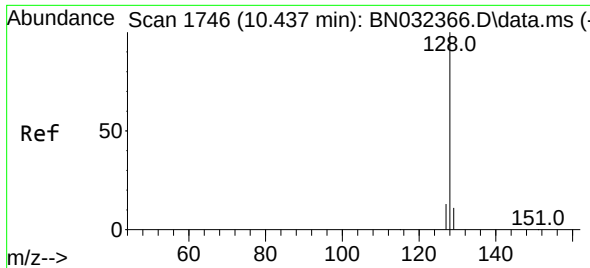
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL

Quant Time: Jul 02 03:11:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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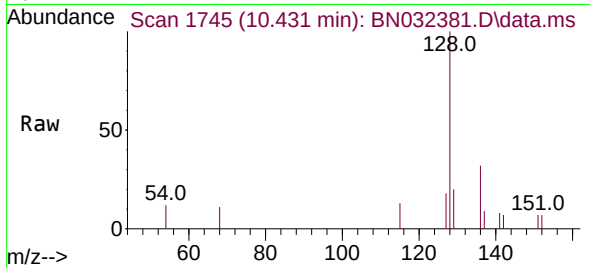
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

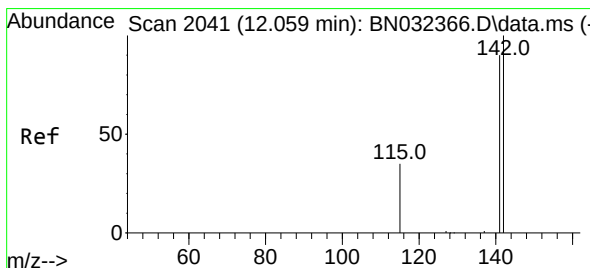
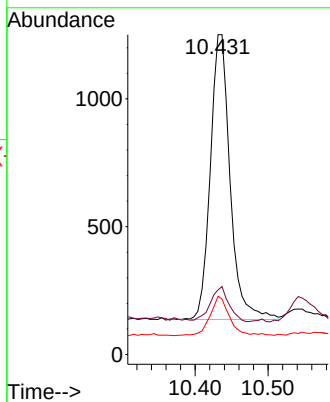
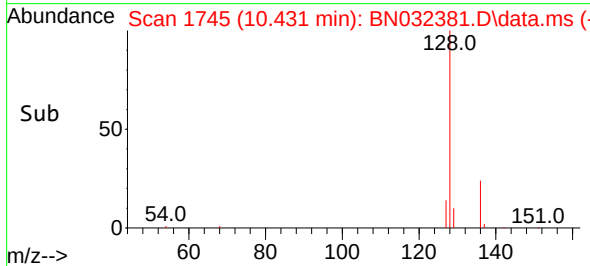
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL



Tgt Ion:128 Resp: 2104
Ion Ratio Lower Upper
128 100
129 20.2 9.2 13.8
127 18.2 10.8 16.2

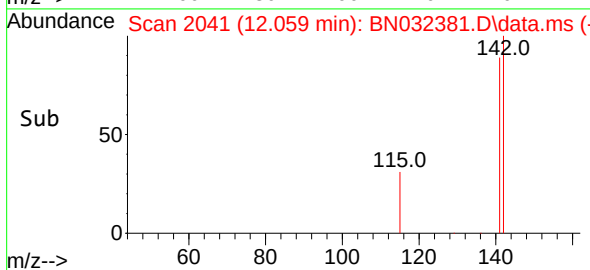
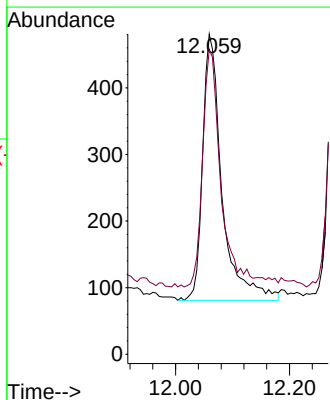
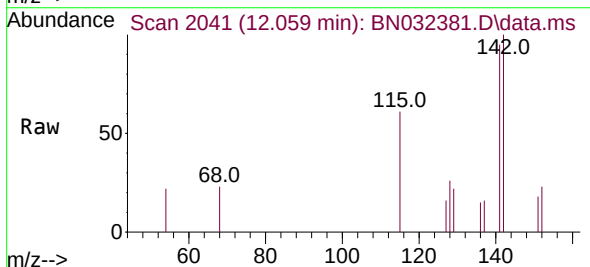
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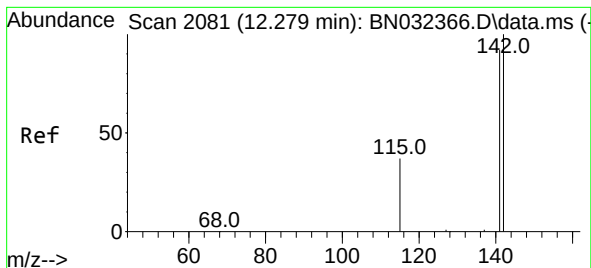
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
142 100
141 86.5 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.279 min Scan# 2081

Delta R.T. -0.017 min

Lab File: BN032381.D

Acq: 02 Jul 2024 02:45

Instrument :

BNA_N

ClientSampleId :

A4CQ3DL

Tgt Ion:142 Resp: 849

Ion Ratio Lower Upper

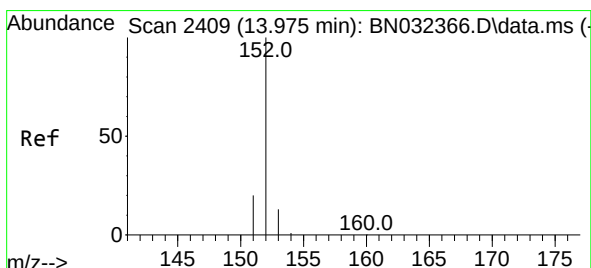
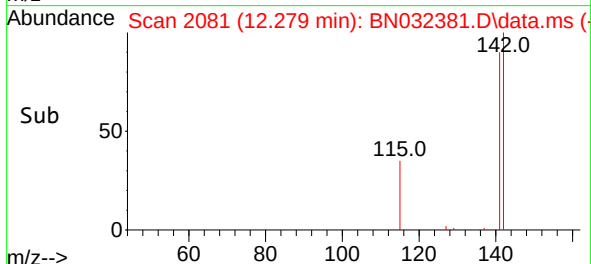
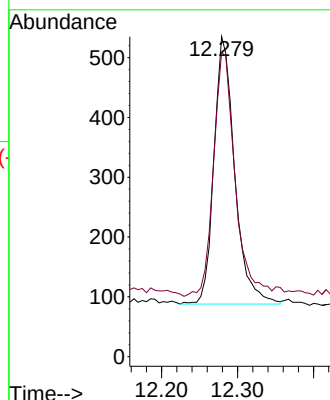
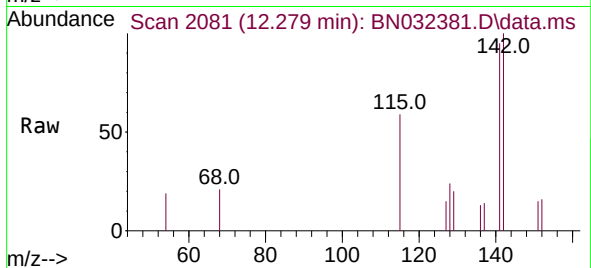
142 100

141 97.8 73.4 110.0

Manual Integrations

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#10

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.975 min Scan# 2409

Delta R.T. -0.014 min

Lab File: BN032381.D

Acq: 02 Jul 2024 02:45

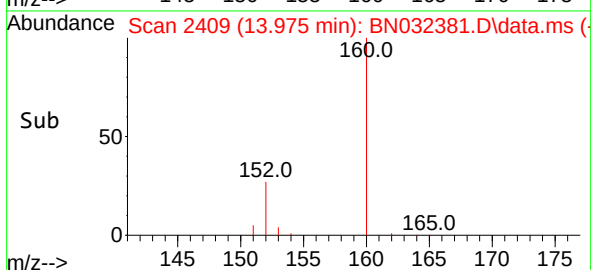
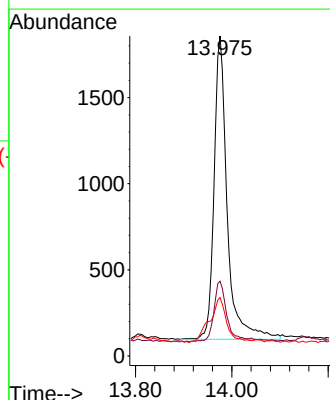
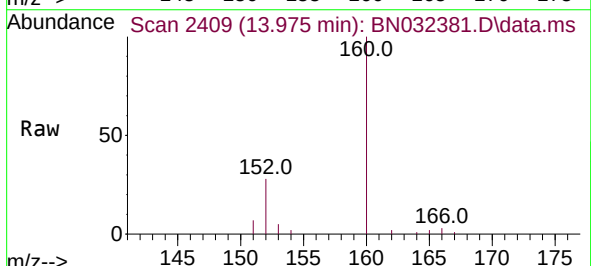
Tgt Ion:152 Resp: 3336

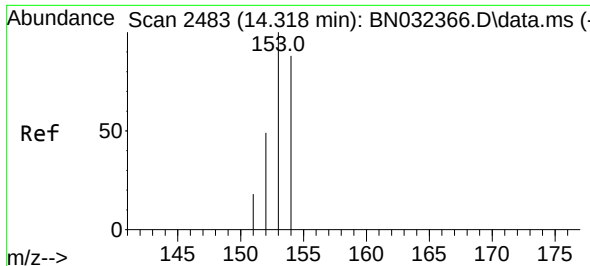
Ion Ratio Lower Upper

152 100

151 23.4 15.7 23.5

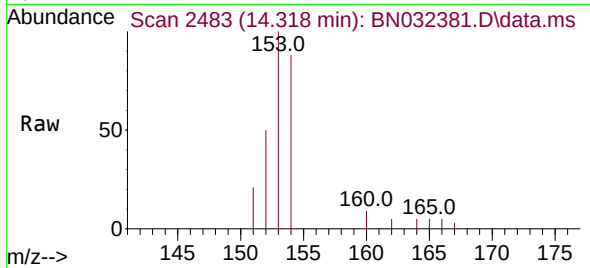
153 18.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.100 ng/u1
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

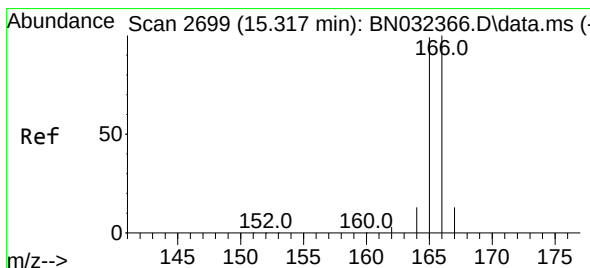
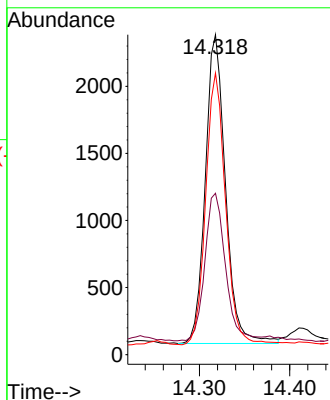
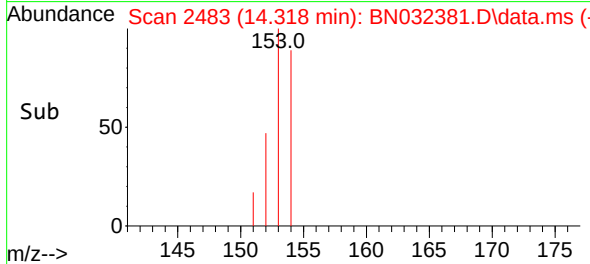
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL



Tgt Ion:153 Resp: 3570
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 88.0 71.7 107.5

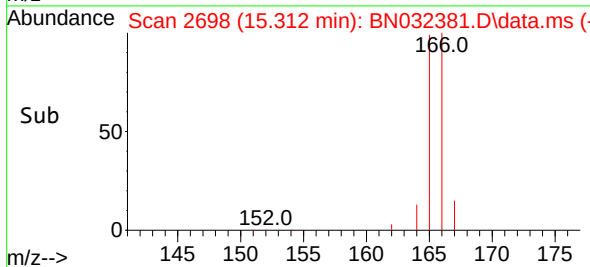
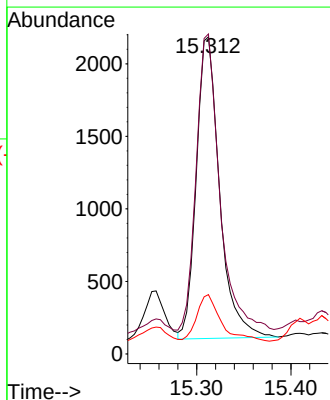
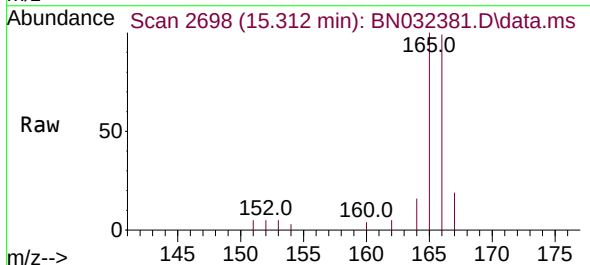
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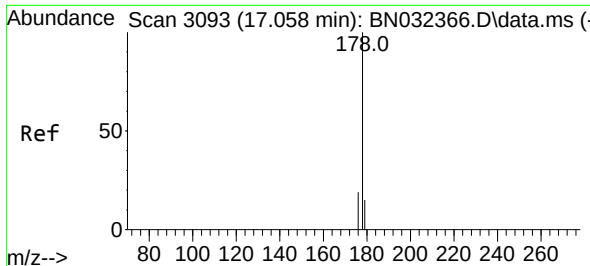
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

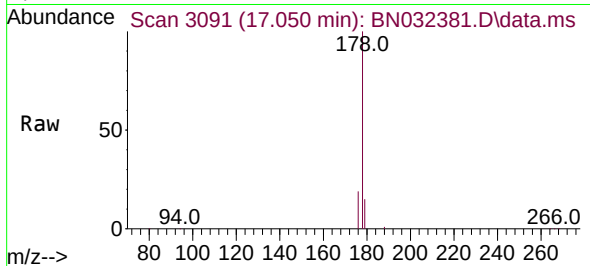
Tgt Ion:166 Resp: 3569
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.6
167 18.7 11.0 16.6#





#15
Phenanthrene
Concen: 1.187 ng/ul
RT: 17.050 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

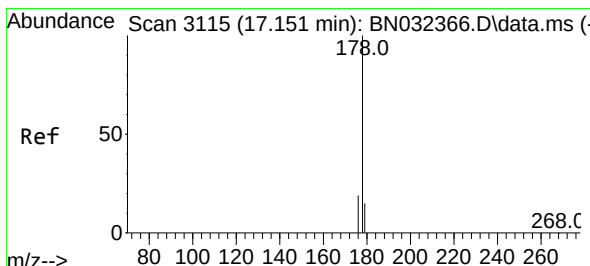
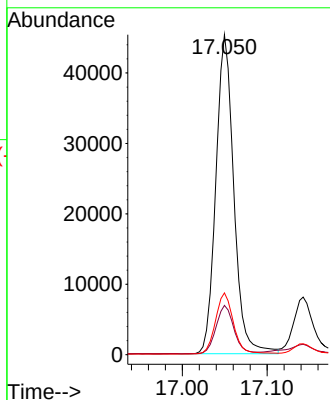
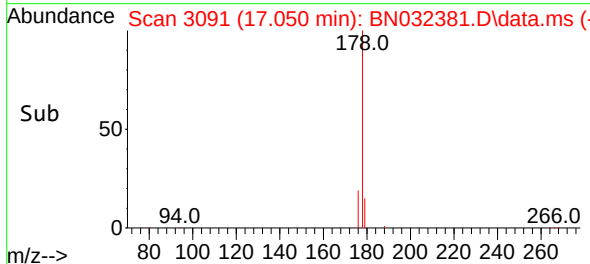
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL



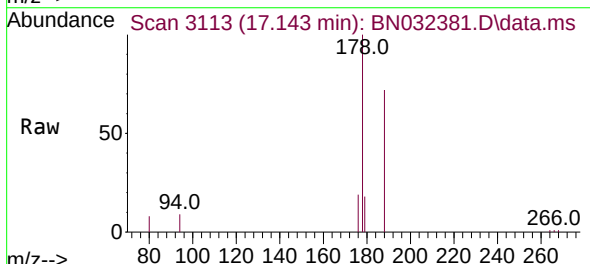
Tgt Ion:178 Resp: 6663
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.6 23.4

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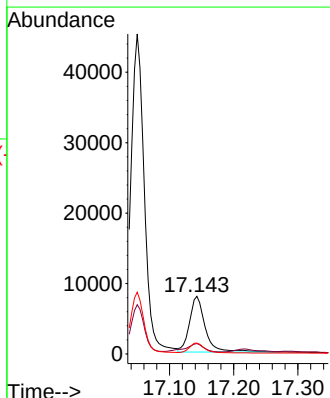
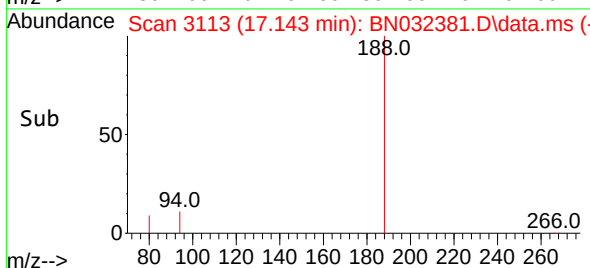
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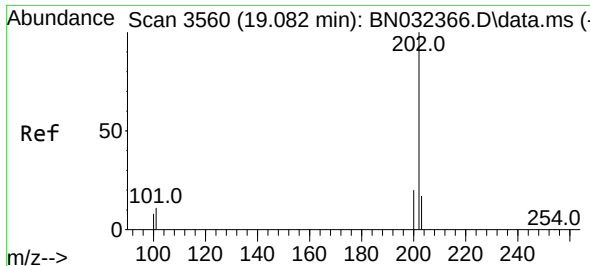


#16
Anthracene
Concen: 0.269 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45



Tgt Ion:178 Resp: 13478
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 18.9 15.0 22.6





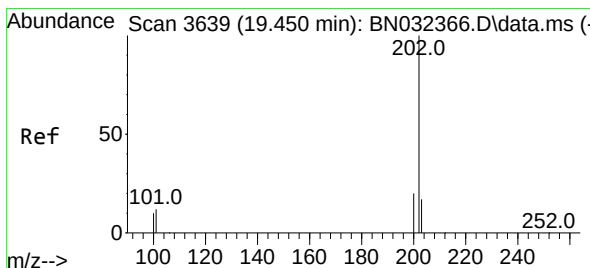
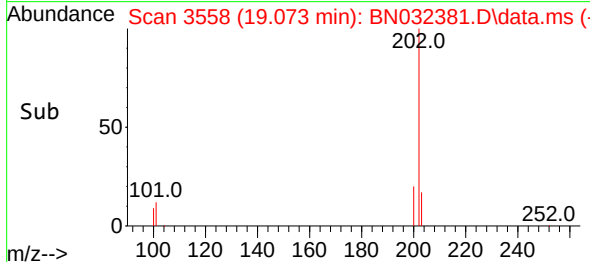
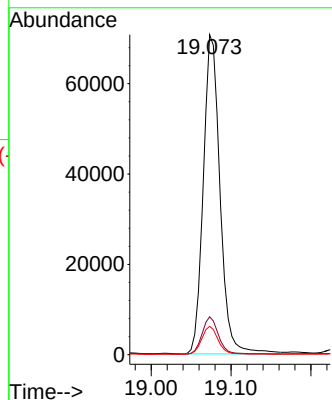
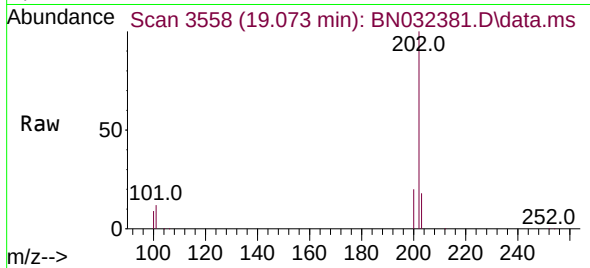
#19
Fluoranthene
Concen: 1.479 ng/ul
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

Instrument :
BNA_N
ClientSampleId :
A4CQ3DL

Tgt Ion:202 Resp: 10304
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.4 9.6

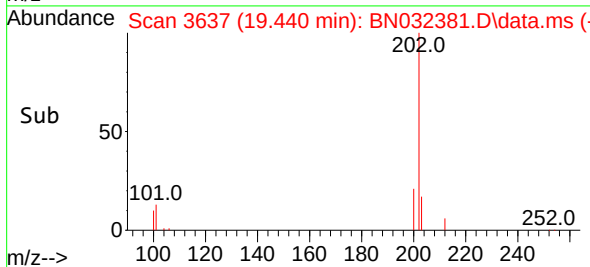
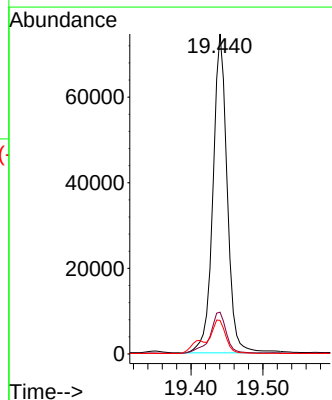
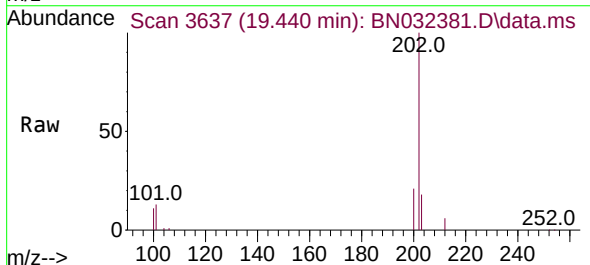
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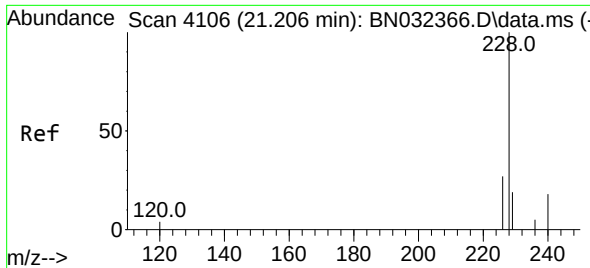
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 1.411 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

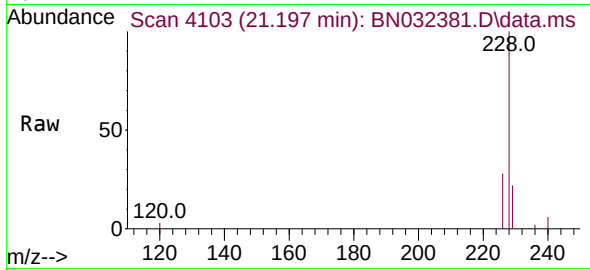
Tgt Ion:202 Resp: 102727
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.785 ng/u1
RT: 21.197 min Scan# 4106
Delta R.T. -0.018 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

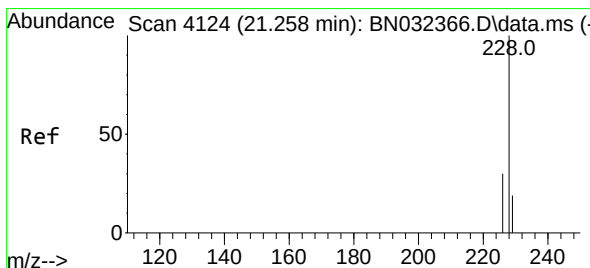
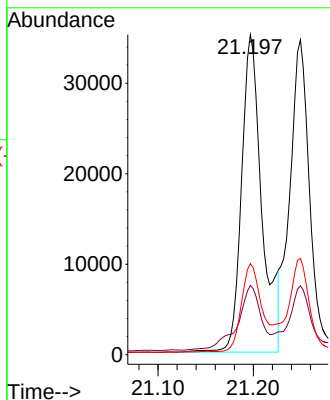
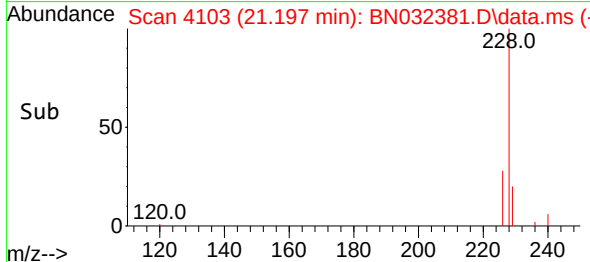
Instrument :
BNA_N
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A4CQ3DL



Tgt Ion:228 Resp: 51840
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.5 21.8 32.8

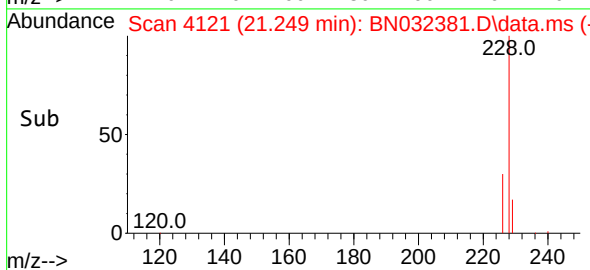
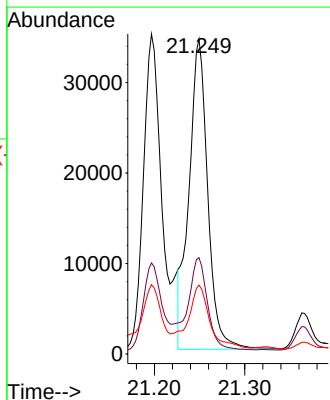
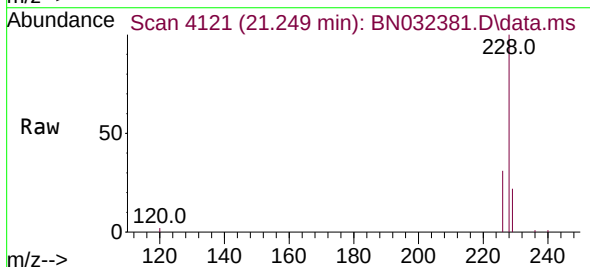
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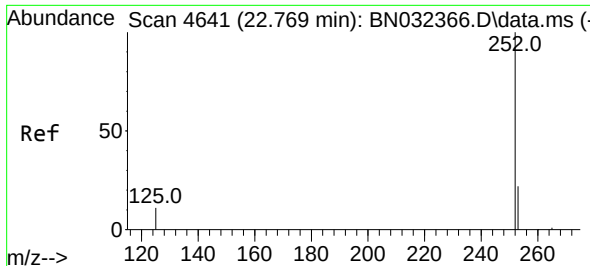
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.683 ng/u1
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

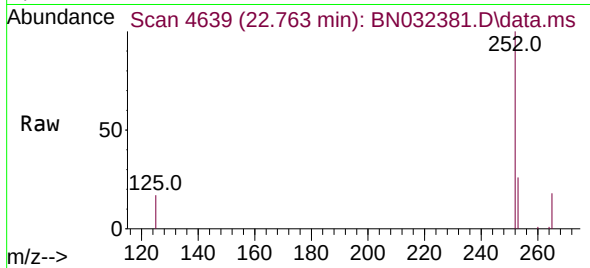
Tgt Ion:228 Resp: 49521
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.709 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

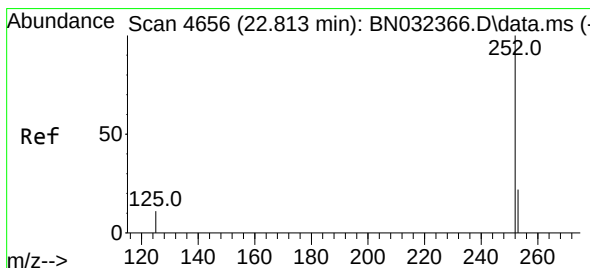
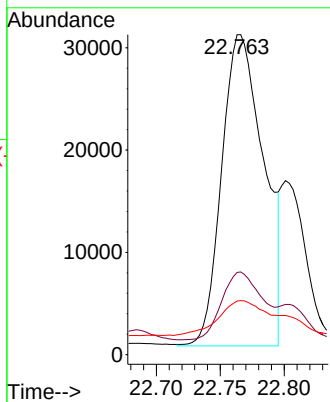
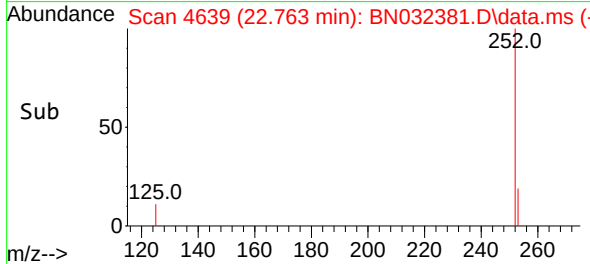
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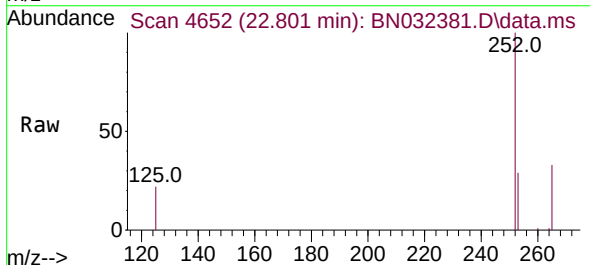
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Ion Ratio Lower Upper
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253 25.7 0.0 50.2
125 16.8 0.0 32.0

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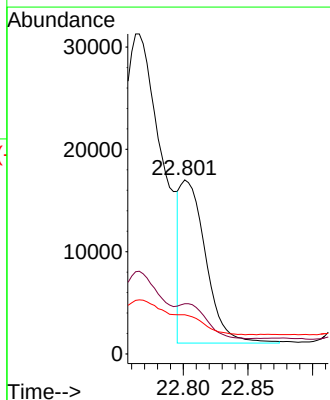
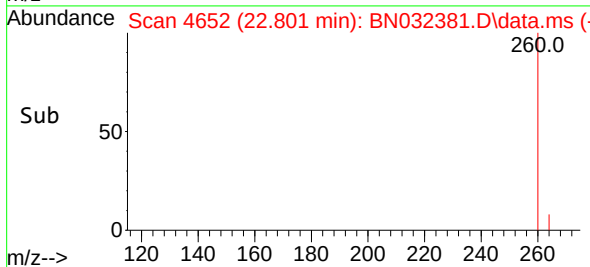
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

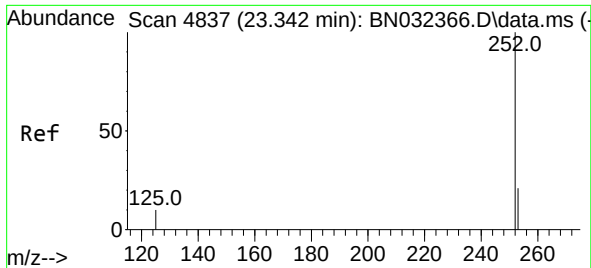


#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45



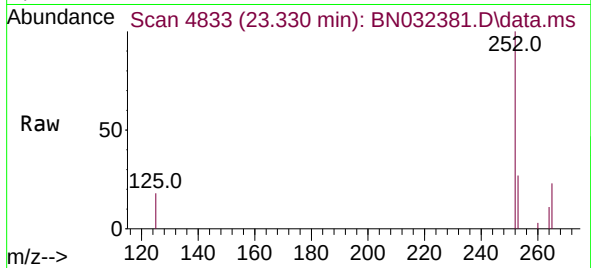
Tgt Ion:252 Resp: 21995
Ion Ratio Lower Upper
252 100
253 28.9 20.3 30.5
125 22.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.732 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

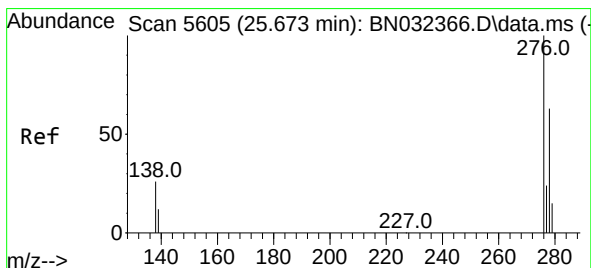
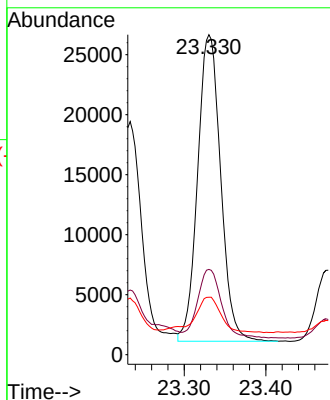
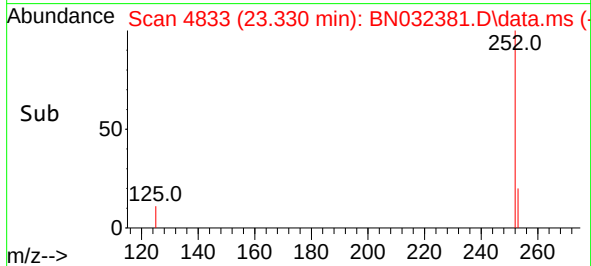
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL



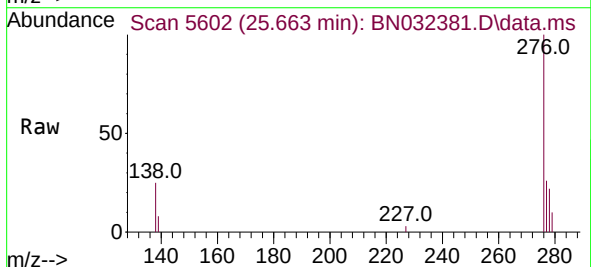
Tgt Ion:252 Resp: 5000
Ion Ratio Lower Upper
252 100
253 26.7 22.2 33.2
125 17.9 16.4 24.6

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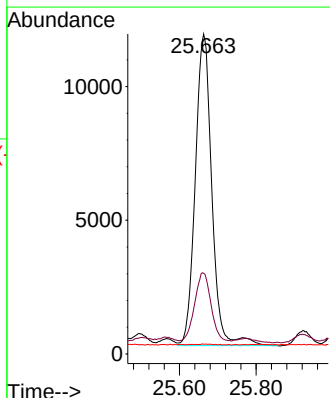
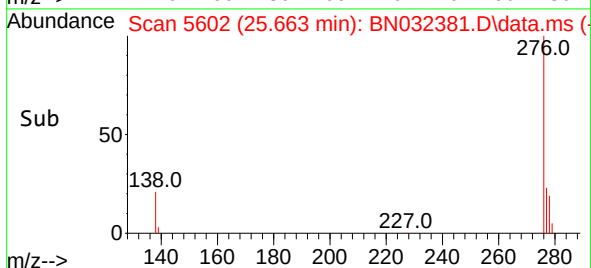
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

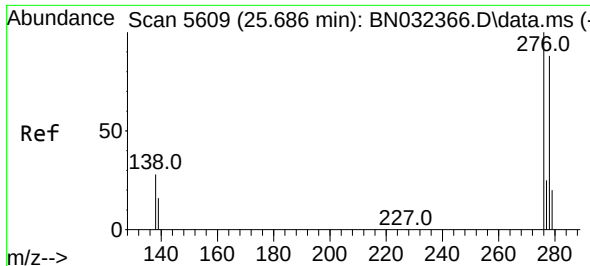


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45



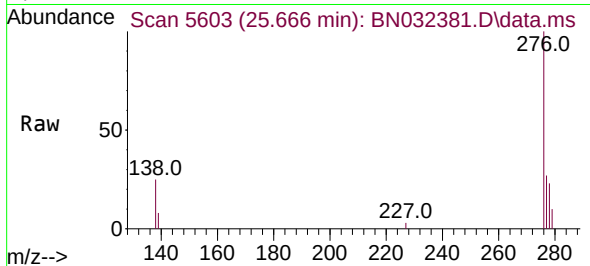
Tgt Ion:276 Resp: 35099
Ion Ratio Lower Upper
276 100
138 21.7 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.666 min Scan# 50
Delta R.T. -0.044 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45

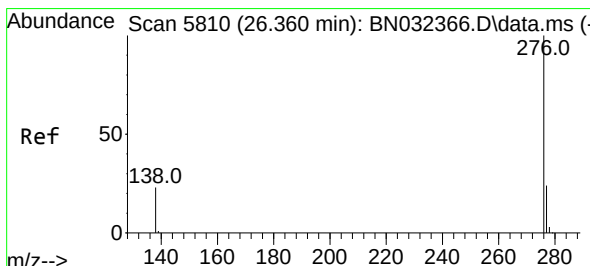
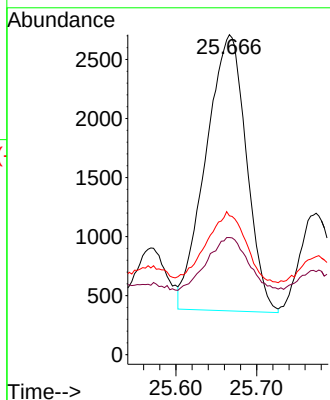
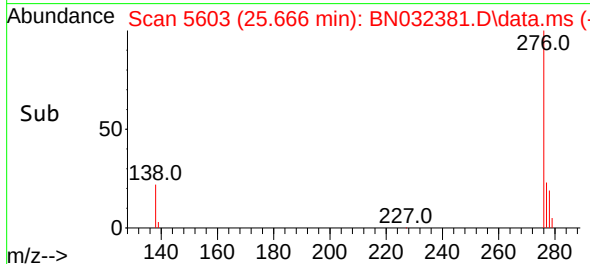
Instrument :
BNA_N
ClientSampleId :
A4CQ3DL



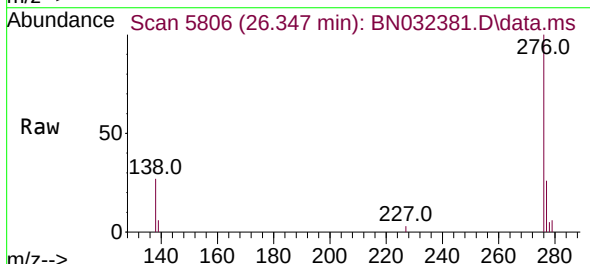
Tgt Ion:278 Resp: 815
Ion Ratio Lower Upper
278 100
139 36.6 15.9 23.9
279 43.4 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032381.D
Acq: 02 Jul 2024 02:45



Tgt Ion:276 Resp: 34026
Ion Ratio Lower Upper
276 100
138 26.8 19.8 29.6
277 26.4 19.8 29.6

