

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032751.D
 Acq On : 16 Jul 2024 21:19
 Operator : MA/JU
 Sample : P3177-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 23:55:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	4555	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.315	136	13248	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.192	164	6849	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.951	188	14345m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.163	240	11870m	0.400	ng/ul	-0.03
23) Perylene-d12	23.355	264	14144m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	15994	2.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	3818	0.191	ng/ul	-0.05
18) Fluoranthene-d10	18.988	212	7843m	0.203	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.359	128	14068	0.395	ng/ul	99
7) 2-Methylnaphthalene	11.992	142	3855	0.174	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	2945	0.128	ng/ul	98
10) Acenaphthylene	13.914	152	23797	0.860	ng/ul	100
11) Acenaphthene	14.256	153	11153	0.487	ng/ul	99
12) Fluorene	15.251	166	12368	0.473	ng/ul	99
15) Phenanthrene	16.989	178	281352m	7.202	ng/ul	
16) Anthracene	17.086	178	53427m	1.674	ng/ul	
19) Fluoranthene	19.021	202	658636m	13.647	ng/ul	
20) Pyrene	19.388	202	392720m	7.862	ng/ul	
21) Benzo(a)anthracene	21.146	228	320296m	8.477	ng/ul	
22) Chrysene	21.198	228	371658m	6.800	ng/ul	
24) Benzo(b)fluoranthene	22.700	252	524486m	10.510	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	195107m	3.208	ng/ul	
26) Benzo(a)pyrene	23.262	252	138421m	3.205	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.561	276	155564m	2.660	ng/ul	
28) Dibenzo(a,h)anthracene	25.558	278	66060m	1.457	ng/ul	
29) Benzo(g,h,i)perylene	26.245	276	21501m	0.440	ng/ul	

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

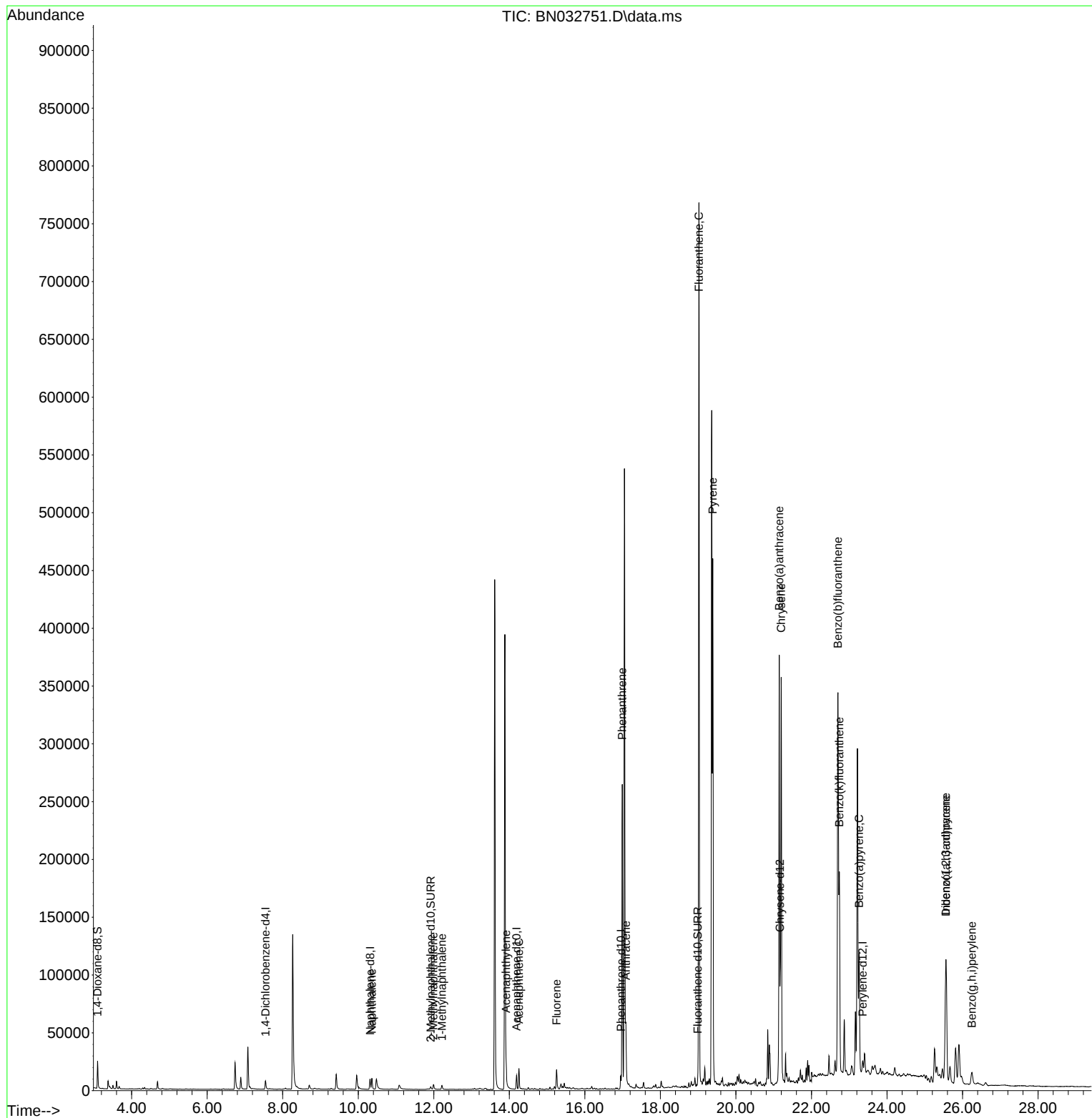
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032751.D
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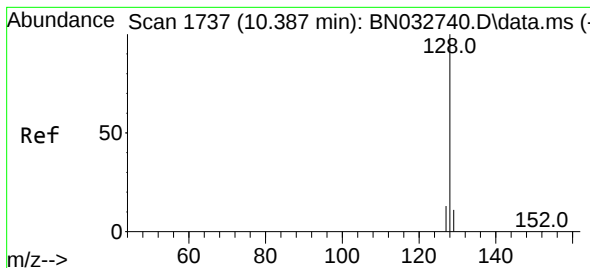
Instrument :
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Quant Time: Jul 16 23:55:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.395 ng/ul

RT: 10.359 min Scan# 11

Delta R.T. -0.051 min

Lab File: BN032751.D

Acq: 16 Jul 2024 21:19

Instrument :

BNA_N

ClientSampleId :

A4BR9

Tgt Ion:128 Resp: 1406

Ion Ratio Lower Upper

128 100

129 12.3 10.0 15.0

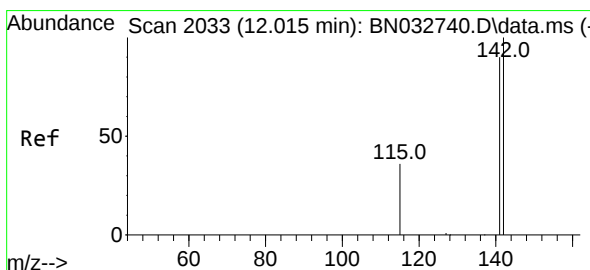
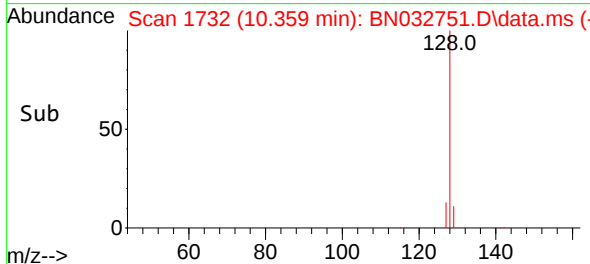
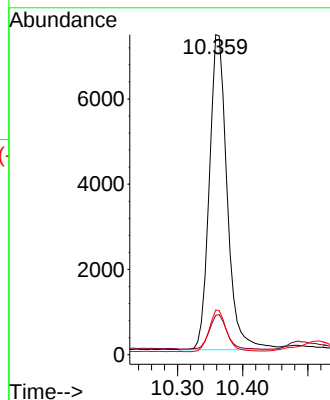
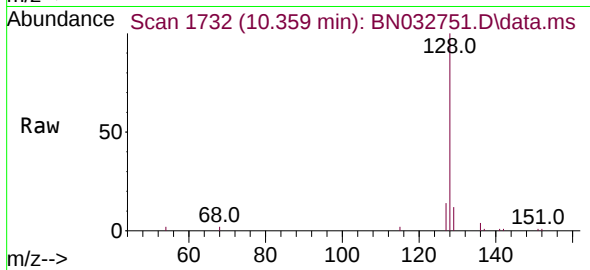
127 14.0 11.6 17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#7

2-Methylnaphthalene

Concen: 0.174 ng/ul

RT: 11.992 min Scan# 2029

Delta R.T. -0.056 min

Lab File: BN032751.D

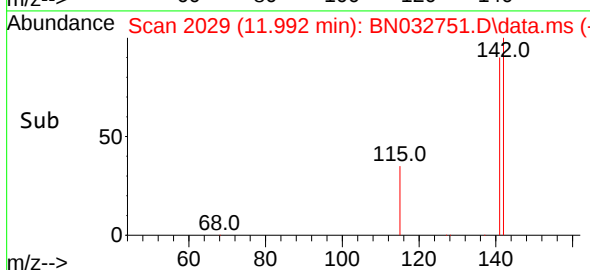
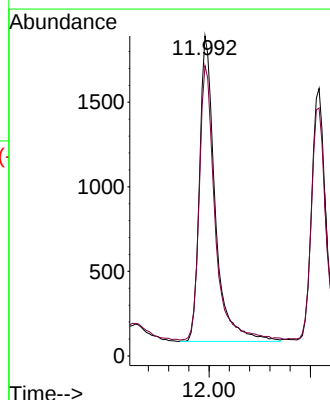
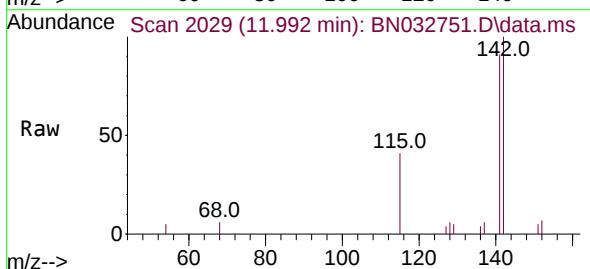
Acq: 16 Jul 2024 21:19

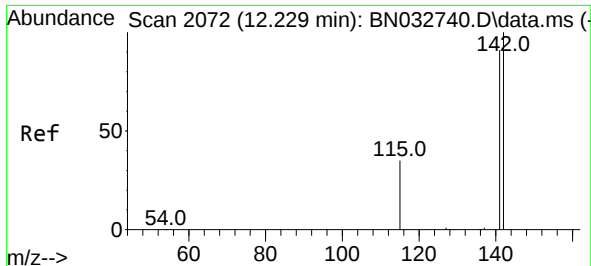
Tgt Ion:142 Resp: 3855

Ion Ratio Lower Upper

142 100

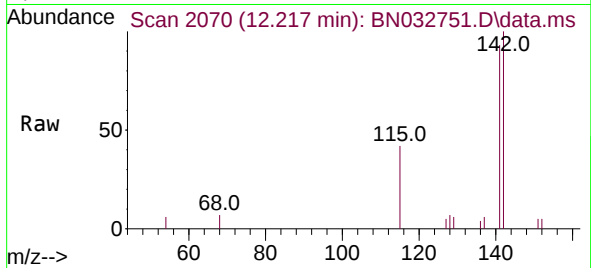
141 90.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.217 min Scan# 2072
Delta R.T. -0.029 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

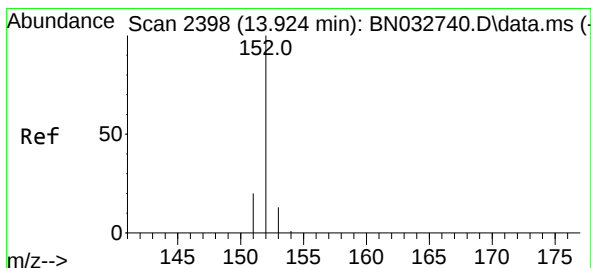
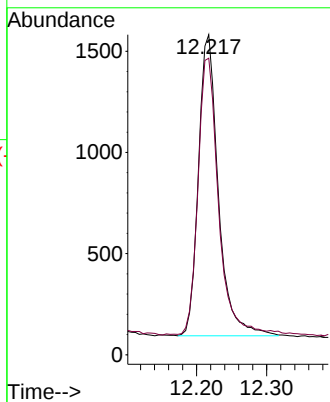
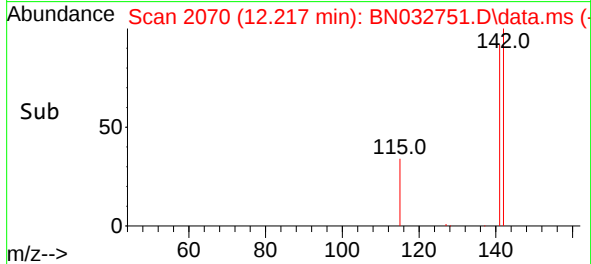
Instrument :
BNA_N
ClientSampleId :
A4BR9



Tgt Ion:142 Resp: 2945
Ion Ratio Lower Upper
142 100
141 95.2 75.0 112.4

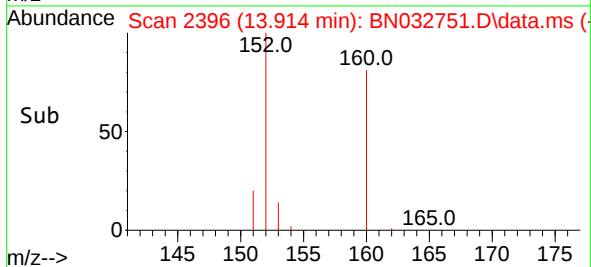
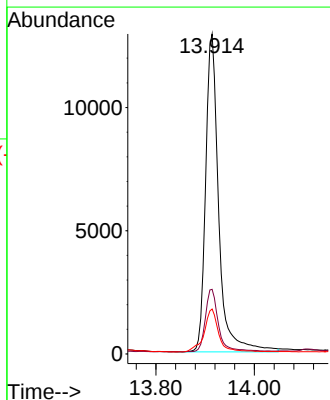
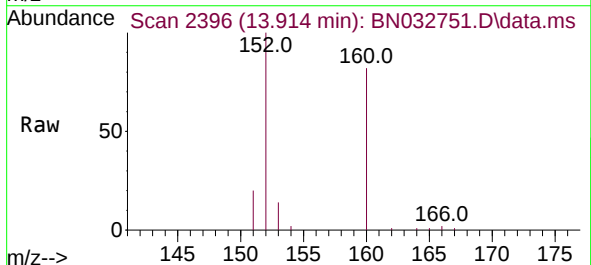
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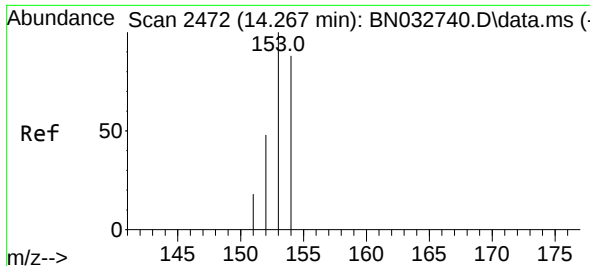
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.860 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.029 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

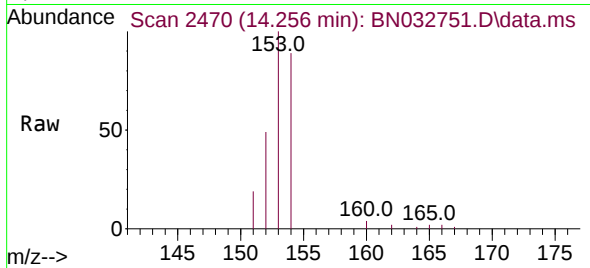
Tgt Ion:152 Resp: 23797
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.1 11.3 16.9





#11
Acenaphthene
Concen: 0.487 ng/ul
RT: 14.256 min Scan# 2472
Delta R.T. -0.024 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

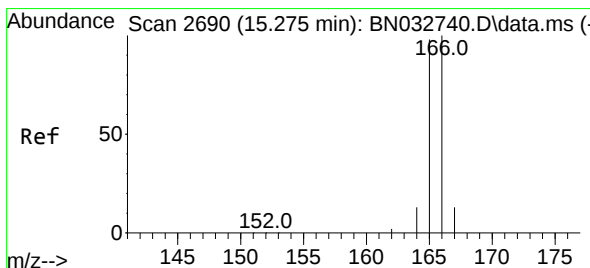
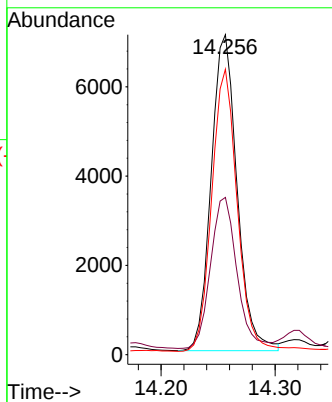
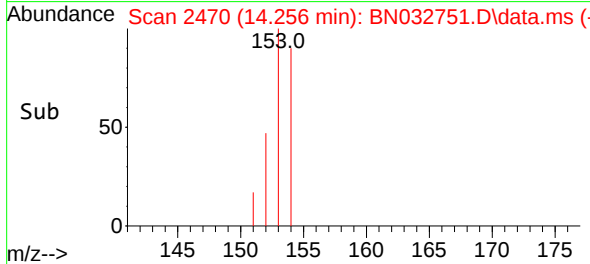
Instrument :
BNA_N
ClientSampleId :
A4BR9



Tgt Ion:153 Resp: 1115
Ion Ratio Lower Upper
153 100
152 49.1 40.0 60.0
154 89.2 70.2 105.4

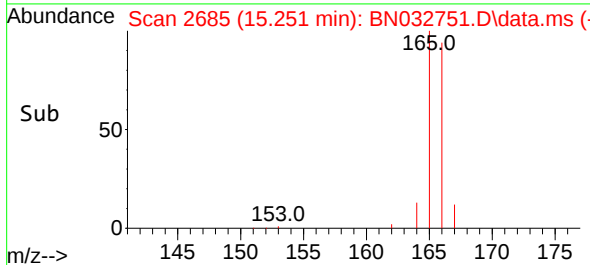
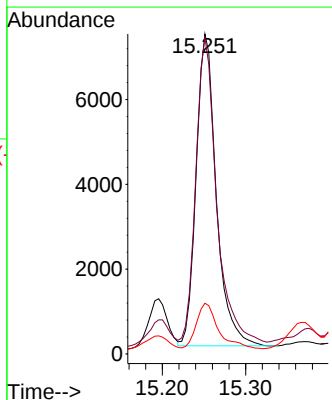
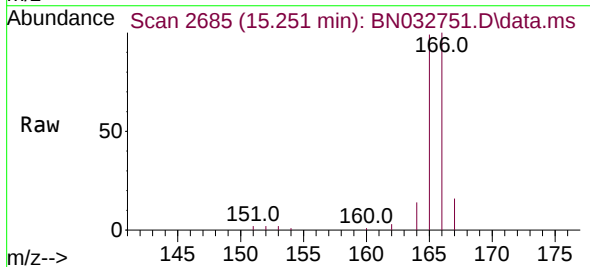
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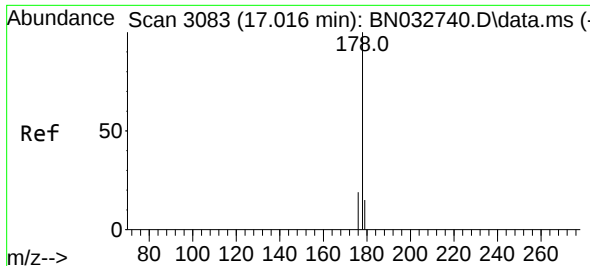
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.473 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.038 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

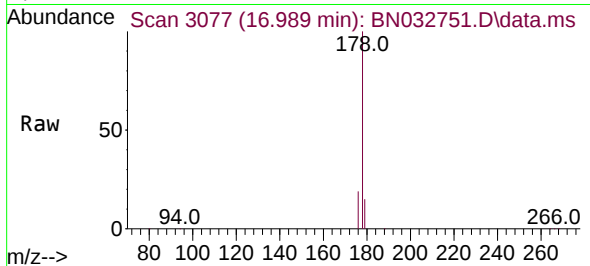
Tgt Ion:166 Resp: 12368
Ion Ratio Lower Upper
166 100
165 98.8 79.7 119.5
167 15.8 11.4 17.2





#15
Phenanthrene
Concen: 7.202 ng/ul m
RT: 16.989 min Scan# 3083
Delta R.T. -0.039 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

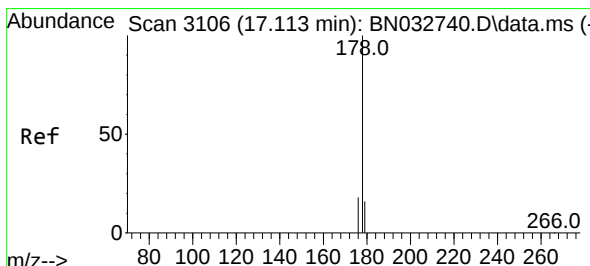
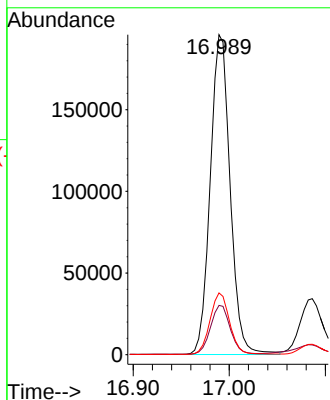
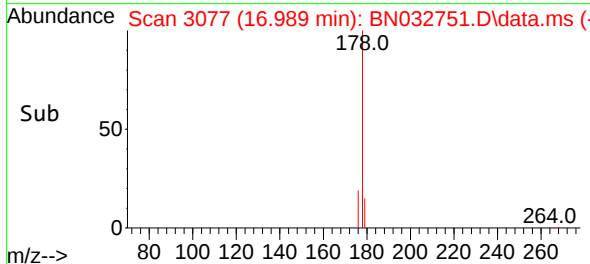
Instrument :
BNA_N
ClientSampleId :
A4BR9



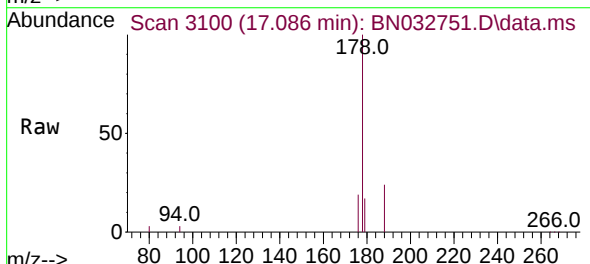
Tgt Ion:178 Resp: 281352
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.3 15.6 23.4

Manual Integrations
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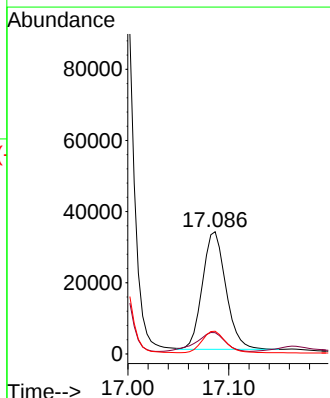
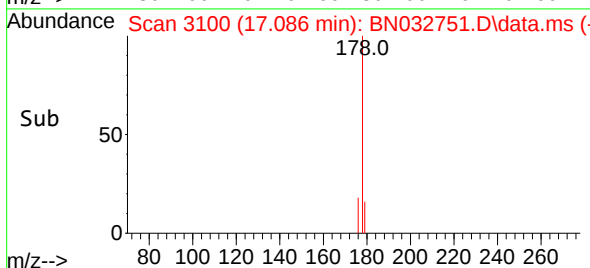
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

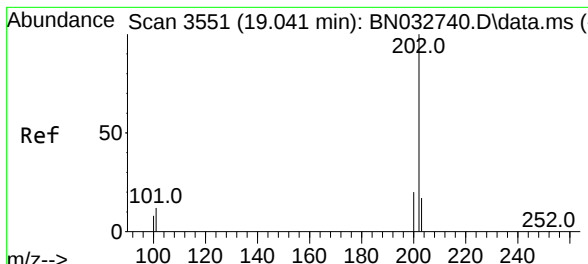


#16
Anthracene
Concen: 1.674 ng/ul m
RT: 17.086 min Scan# 3100
Delta R.T. -0.052 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19



Tgt Ion:178 Resp: 53427
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 18.6 15.4 23.0





#19
 Fluoranthene
 Concen: 13.647 ng/ul m
 RT: 19.021 min Scan# 3551
 Delta R.T. -0.034 min
 Lab File: BN032751.D
 Acq: 16 Jul 2024 21:19

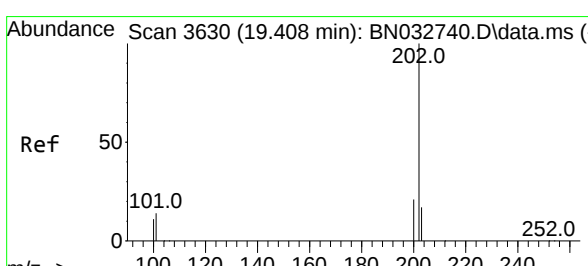
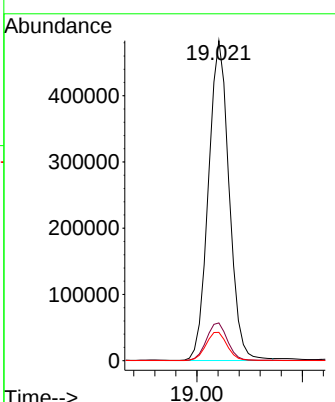
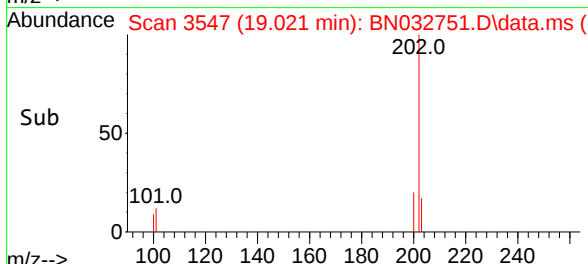
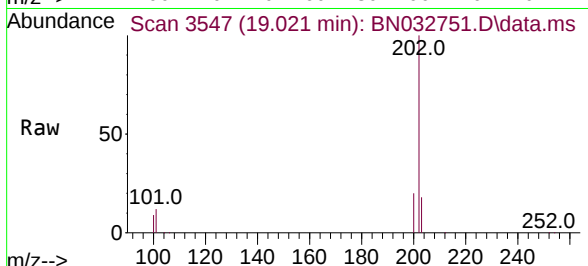
Instrument :
 BNA_N
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Tgt Ion:202 Resp: 658630

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	8.9	7.9	11.9

Manual Integrations
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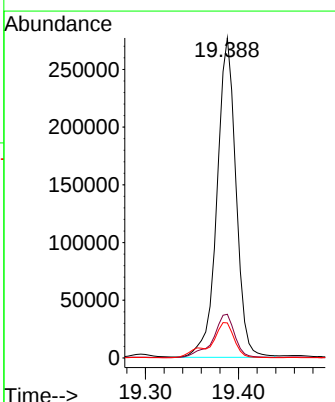
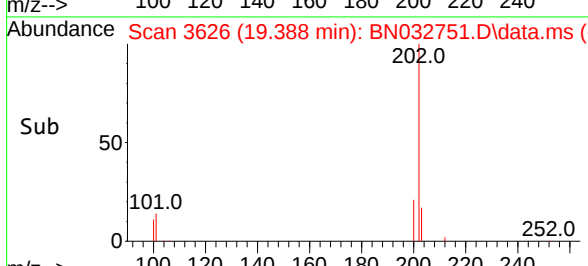
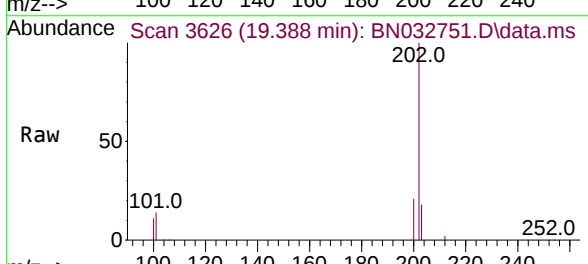
Reviewed By :Yogesh Patel 07/18/2024
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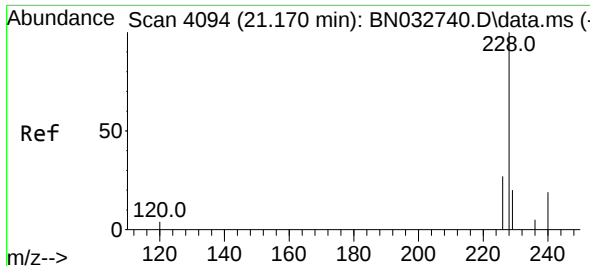


#20
 Pyrene
 Concen: 7.862 ng/ul m
 RT: 19.388 min Scan# 3626
 Delta R.T. -0.034 min
 Lab File: BN032751.D
 Acq: 16 Jul 2024 21:19

Tgt Ion:202 Resp: 392720

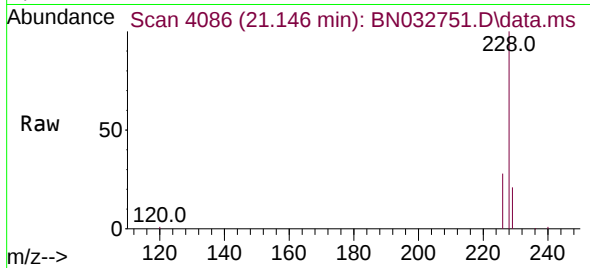
Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.8	17.6
100	11.0	9.6	14.4





#21
Benzo(a)anthracene
Concen: 8.477 ng/ul m
RT: 21.146 min Scan# 4094
Delta R.T. -0.036 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

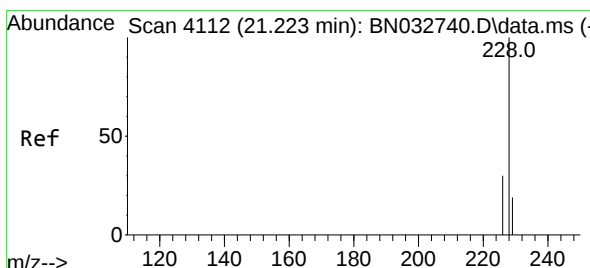
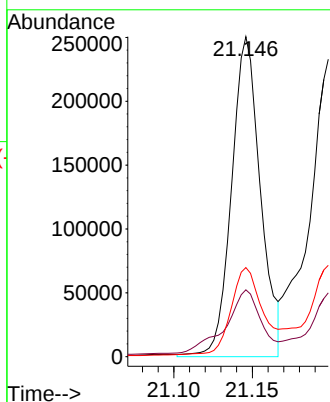
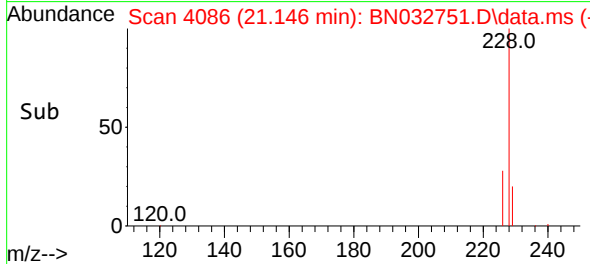
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 320290
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.8 21.9 32.9

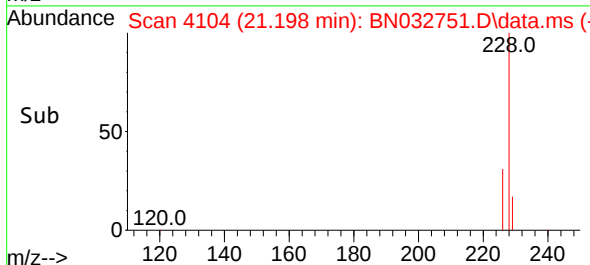
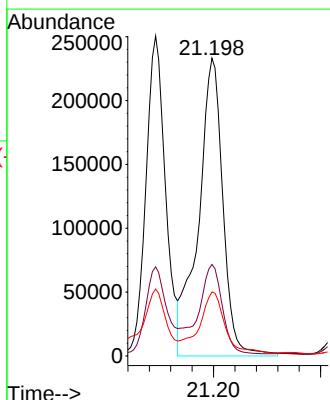
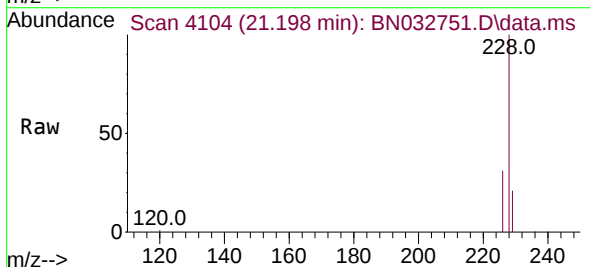
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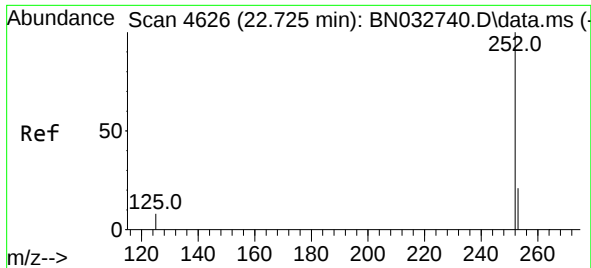
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 6.800 ng/ul m
RT: 21.198 min Scan# 4104
Delta R.T. -0.033 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

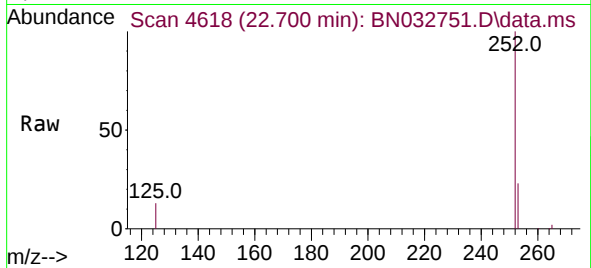
Tgt Ion:228 Resp: 371658
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 10.510 ng/ul m
RT: 22.700 min Scan# 4618
Delta R.T. -0.033 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

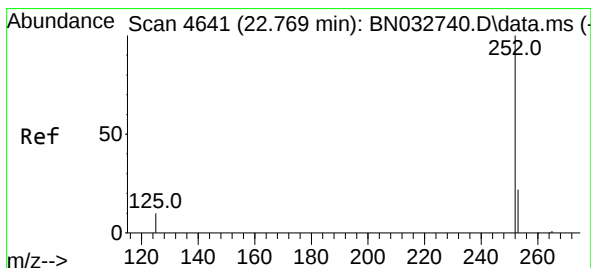
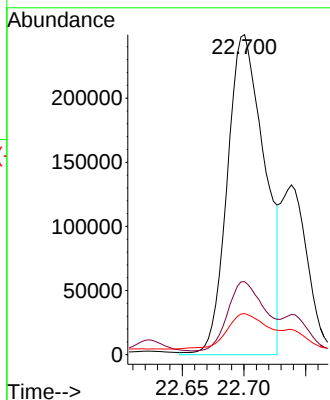
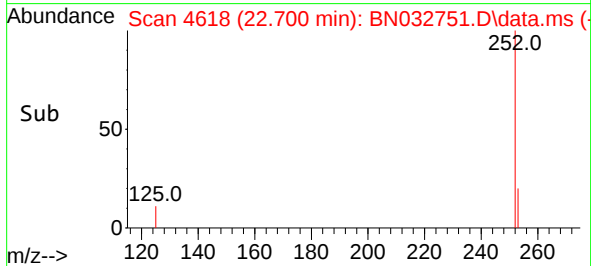
Instrument :
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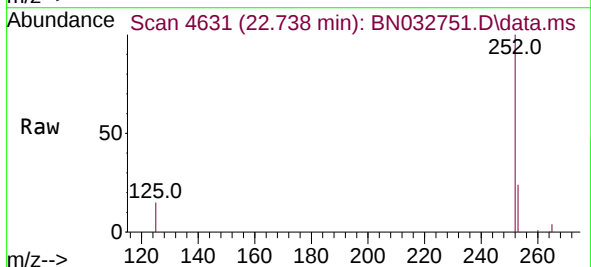
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Ion Ratio Lower Upper
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253 22.8 0.0 54.0
125 12.8 0.0 36.0

Manual Integrations
APPROVED

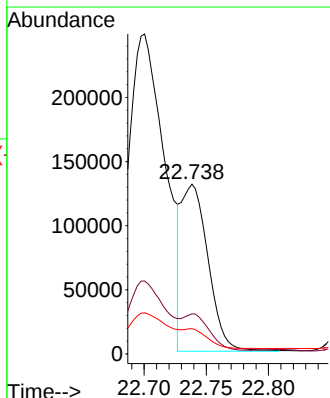
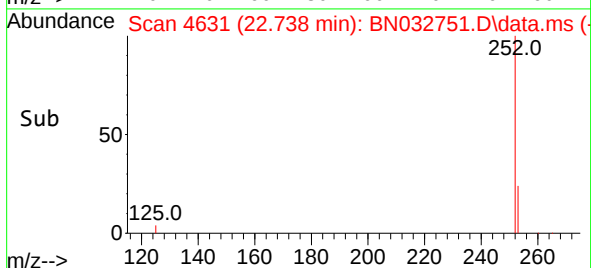
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

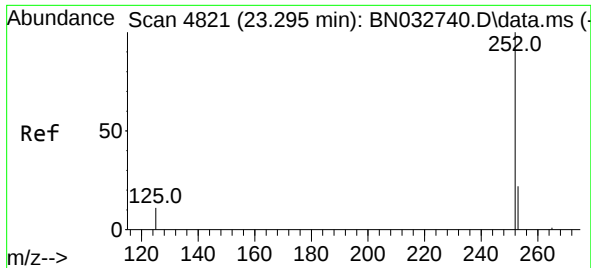


#25
Benzo(k)fluoranthene
Concen: 3.208 ng/ul m
RT: 22.738 min Scan# 4631
Delta R.T. -0.039 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19



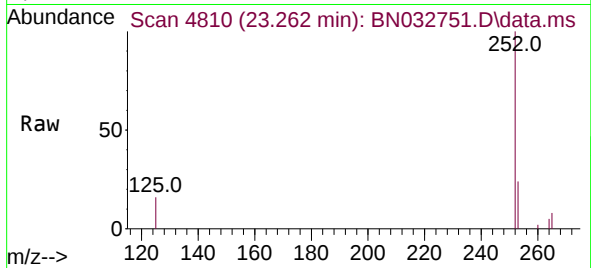
Tgt Ion:252 Resp: 195107
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 14.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.205 ng/ul m
RT: 23.262 min Scan# 4810
Delta R.T. -0.048 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

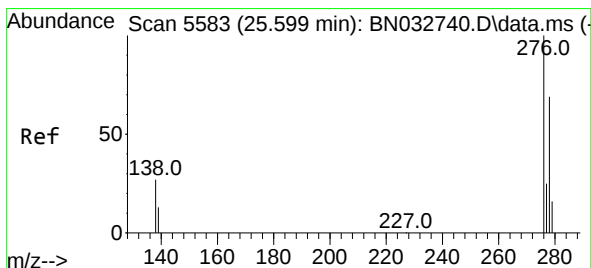
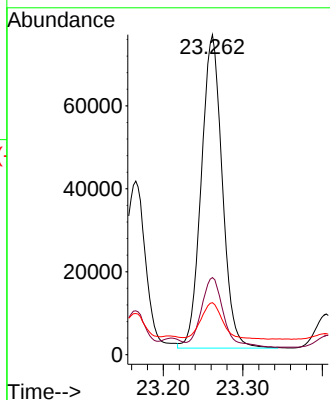
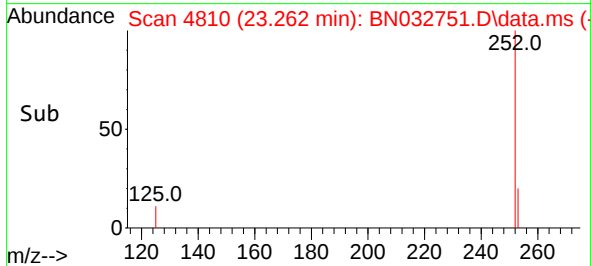
Instrument :
BNA_N
ClientSampleId :
A4BR9



Tgt Ion:252 Resp: 13842
Ion Ratio Lower Upper
252 100
253 24.1 25.4 38.0#
125 16.3 20.6 30.8#

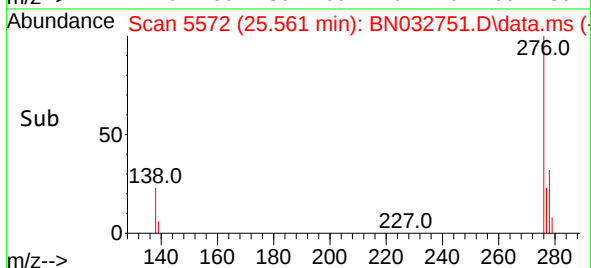
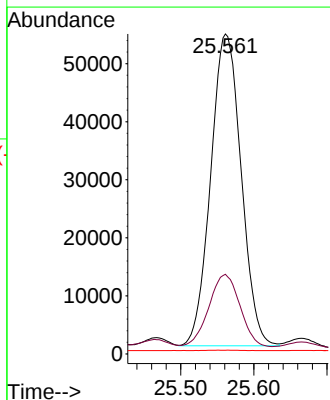
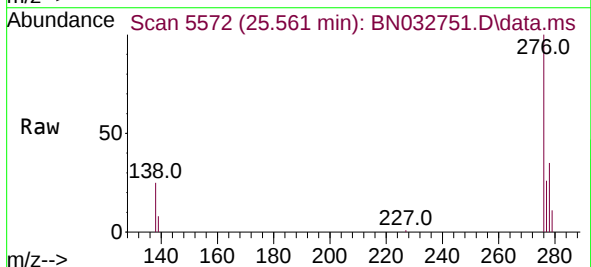
Manual Integrations
APPROVED

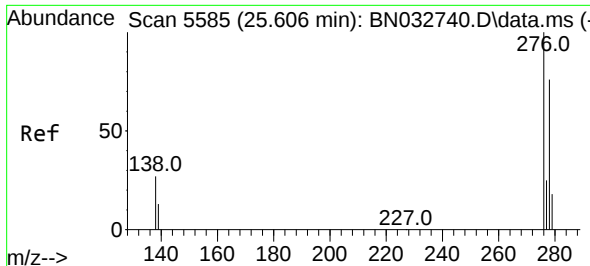
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.660 ng/ul m
RT: 25.561 min Scan# 5572
Delta R.T. -0.065 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

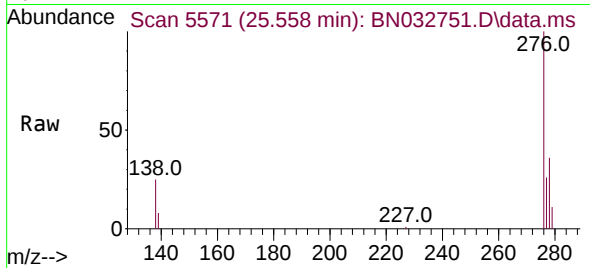
Tgt Ion:276 Resp: 155564
Ion Ratio Lower Upper
276 100
138 4.4 21.6 32.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.457 ng/ul m
RT: 25.558 min Scan# 51
Delta R.T. -0.082 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

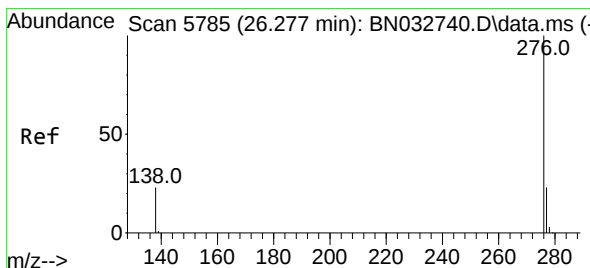
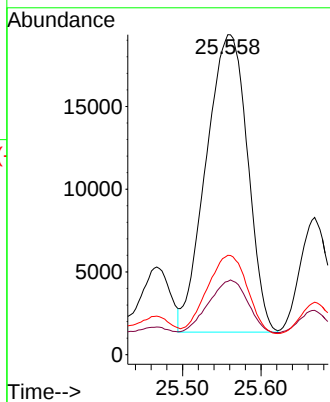
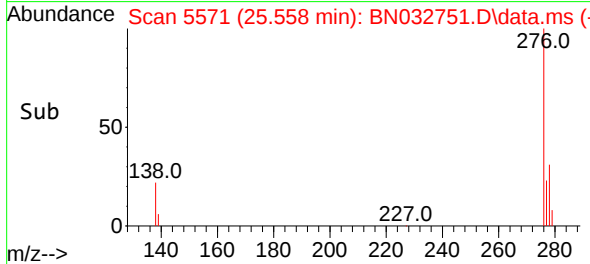
Instrument :
BNA_N
ClientSampleId :
A4BR9



Tgt Ion:278 Resp: 66060
Ion Ratio Lower Upper
278 100
139 22.9 16.6 24.8
279 31.1 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul m
RT: 26.245 min Scan# 5776
Delta R.T. -0.055 min
Lab File: BN032751.D
Acq: 16 Jul 2024 21:19

Tgt Ion:276 Resp: 21501
Ion Ratio Lower Upper
276 100
138 34.1 21.0 31.4#
277 33.3 20.6 31.0#

