

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032648.D
 Acq On : 11 Jul 2024 22:33
 Operator : MA/JU
 Sample : P3035-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CW9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:56:51 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	7.557	152	7983	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	25748	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	14237	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	25799m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	15992m	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	18116m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	26999	2.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	8583	0.221	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	12822m	0.246	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	14891	0.215	ng/ul	99
7) 2-Methylnaphthalene	12.004	142	4431	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	3439	0.077	ng/ul	100
10) Acenaphthylene	13.925	152	16404	0.285	ng/ul	99
11) Acenaphthene	14.267	153	13558	0.285	ng/ul	99
12) Fluorene	15.262	166	14999	0.276	ng/ul	98
15) Phenanthrene	17.003	178	269356m	3.834	ng/ul	
16) Anthracene	17.096	178	49975m	0.871	ng/ul	
19) Fluoranthene	19.031	202	470115m	7.230	ng/ul	
20) Pyrene	19.399	202	338871m	5.035	ng/ul	
21) Benzo(a)anthracene	21.153	228	211686m	4.158	ng/ul	
22) Chrysene	21.206	228	236324m	3.209	ng/ul	
24) Benzo(b)fluoranthene	22.708	252	309477m	4.842	ng/ul	
25) Benzo(k)fluoranthene	22.746	252	118391m	1.520	ng/ul	
26) Benzo(a)pyrene	23.269	252	123017m	2.224	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	115097m	1.537	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	40956m	0.705	ng/ul	
29) Benzo(g,h,i)perylene	26.260	276	17411m	0.278	ng/ul	

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

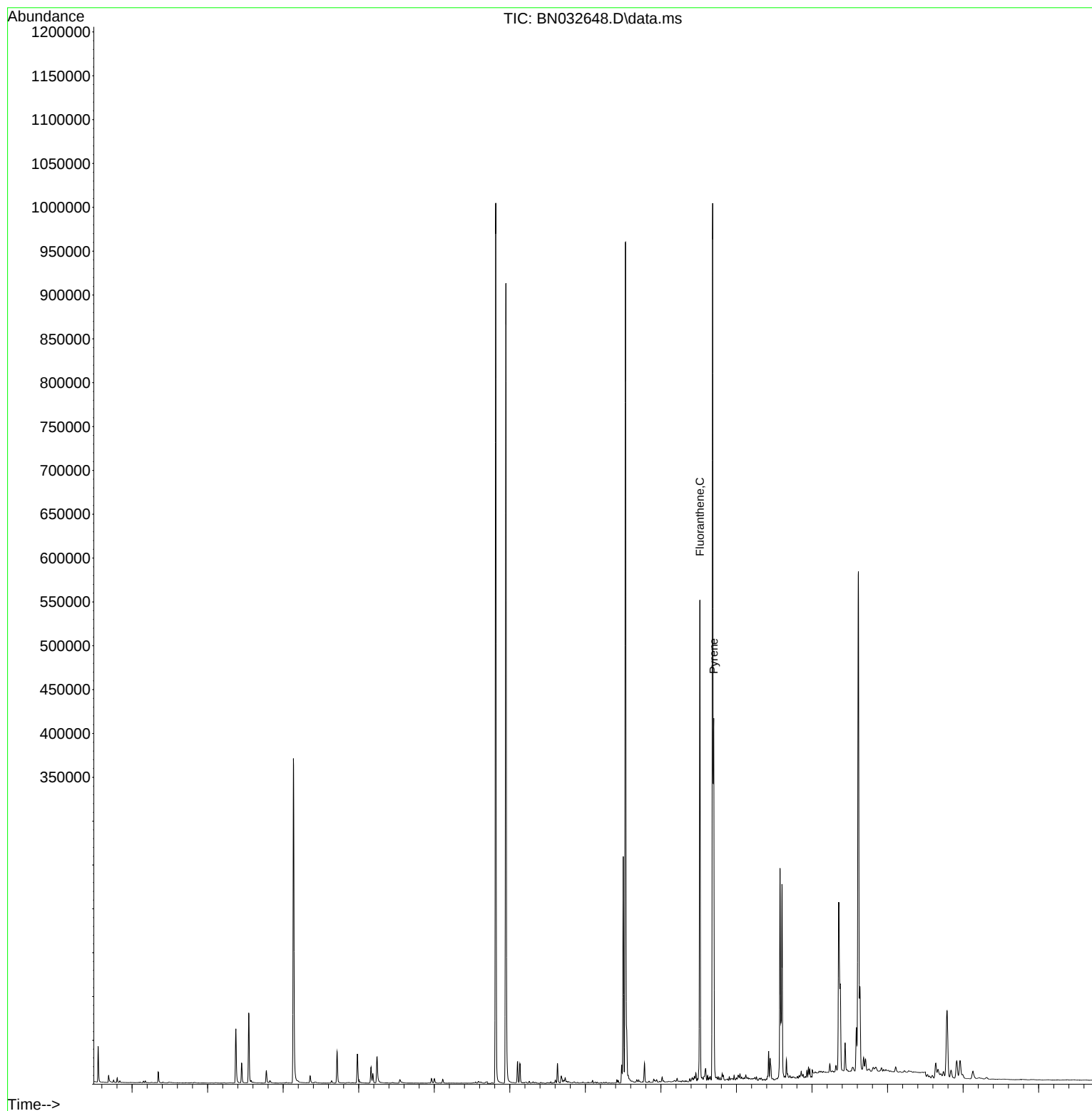
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032648.D
Acq On : 11 Jul 2024 22:33
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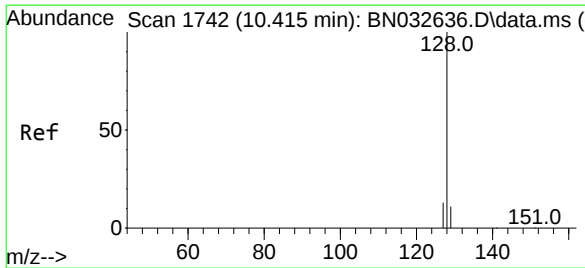
Instrument :
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Supervised By :mohammad ahmed 07/16/2024

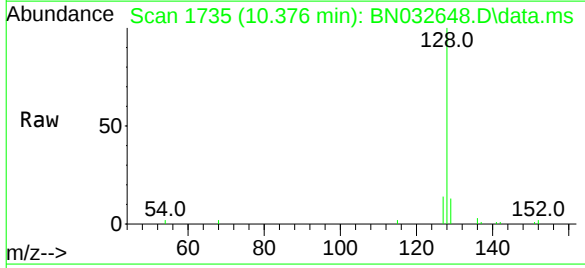
Quant Time: Jul 12 01:56:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.215 ng/ul
RT: 10.376 min Scan# 17
Delta R.T. -0.033 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

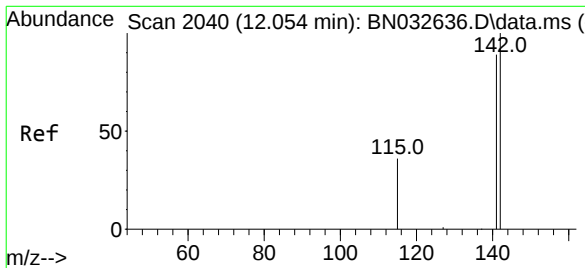
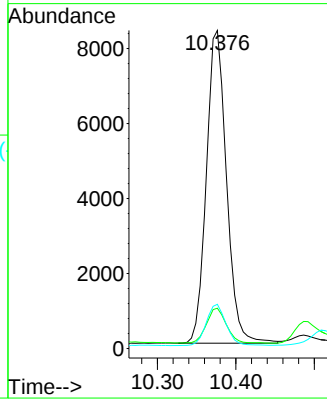
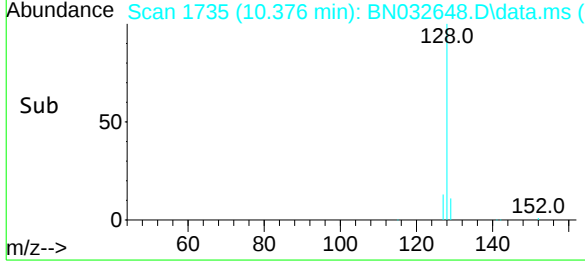
Instrument :
BNA_N
ClientSampleId :
A4CW9



Tgt Ion:128 Resp: 14891
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 13.9 11.6 17.4

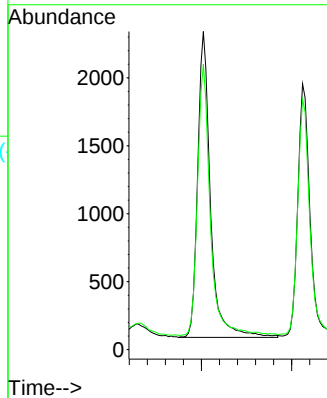
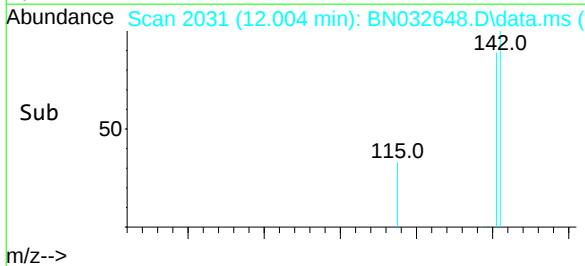
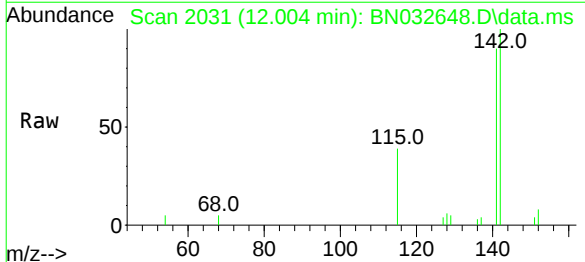
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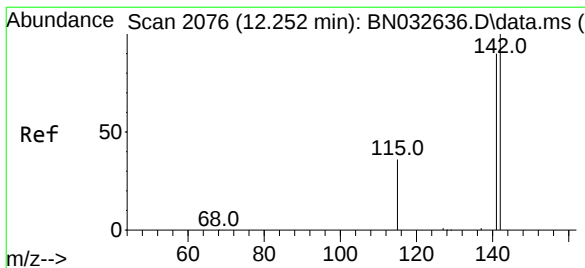
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.004 min Scan# 2031
Delta R.T. -0.044 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

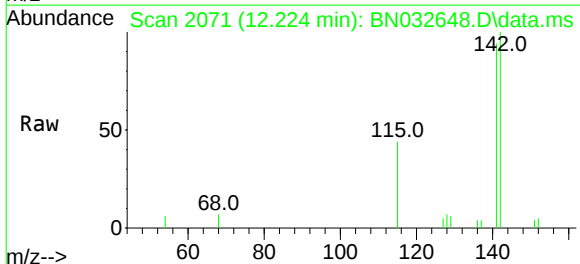
Tgt Ion:142 Resp: 4431
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.077 ng/u1
RT: 12.224 min Scan# 2076
Delta R.T. -0.022 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

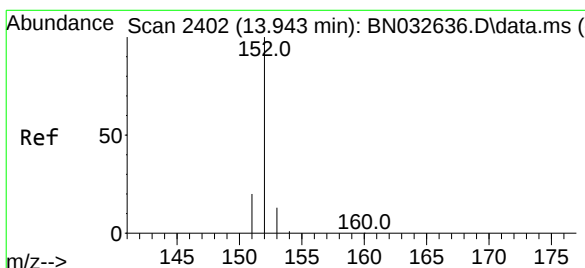
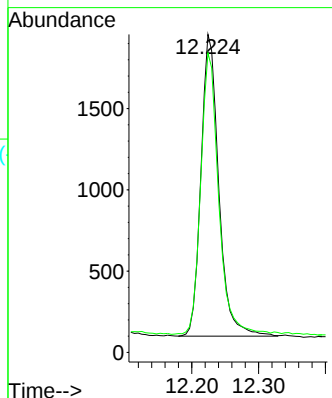
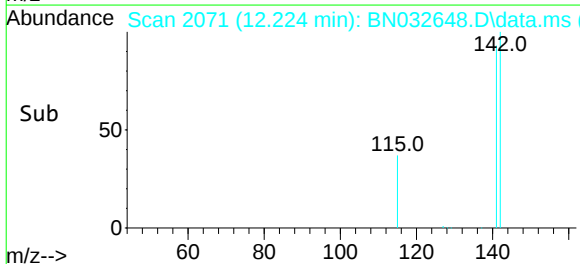
Instrument :
BNA_N
ClientSampleId :
A4CW9



Tgt Ion:142 Resp: 3439
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

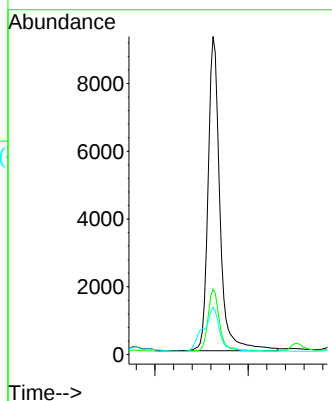
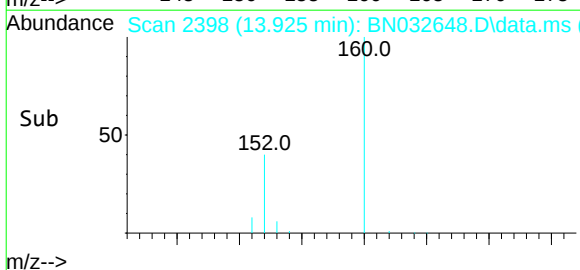
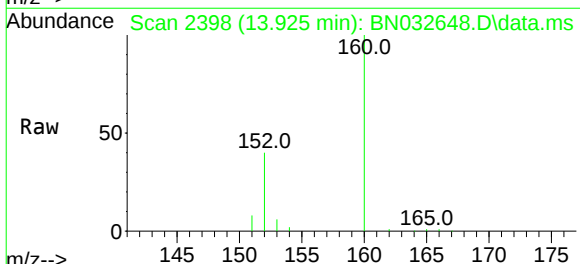
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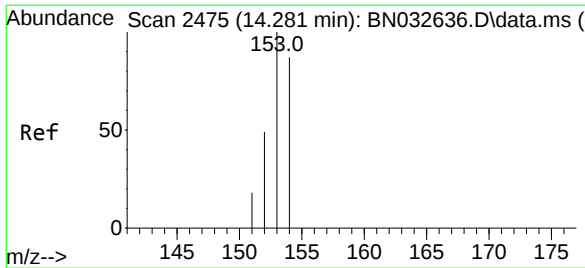
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.285 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

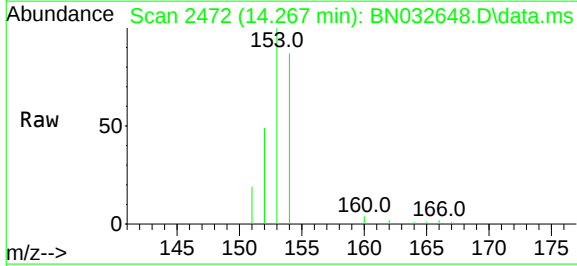
Tgt Ion:152 Resp: 16404
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.9 11.3 16.9





#11
Acenaphthene
Concen: 0.285 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

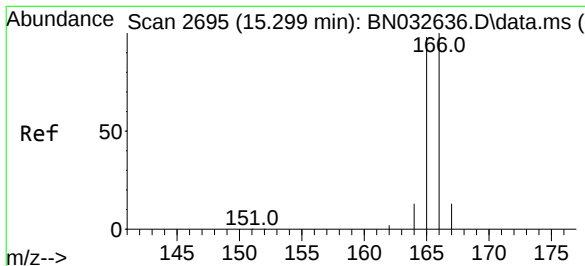
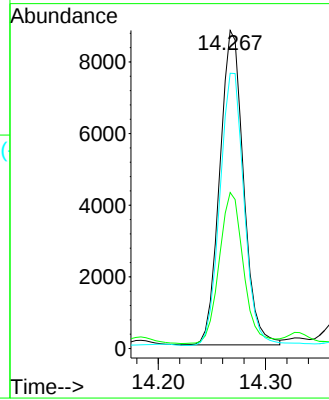
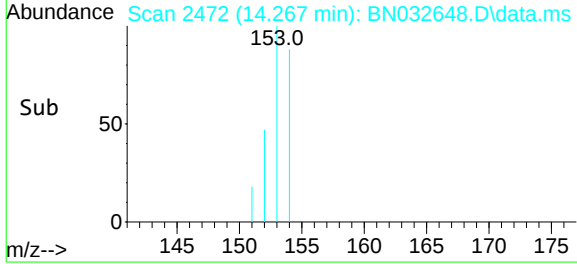
Instrument :
BNA_N
ClientSampleId :
A4CW9



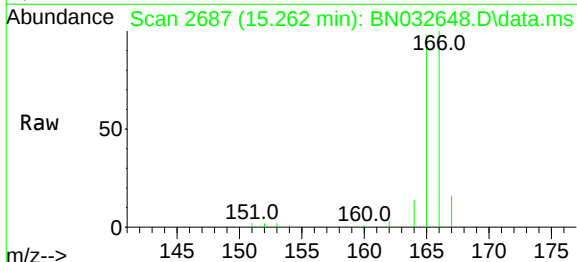
Tgt Ion:153 Resp: 13558
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 86.5 70.2 105.4

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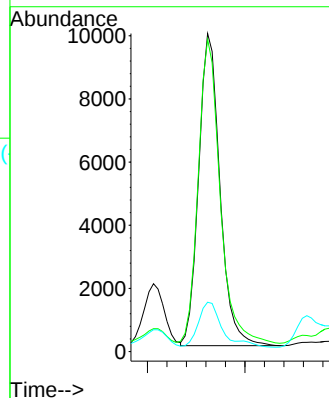
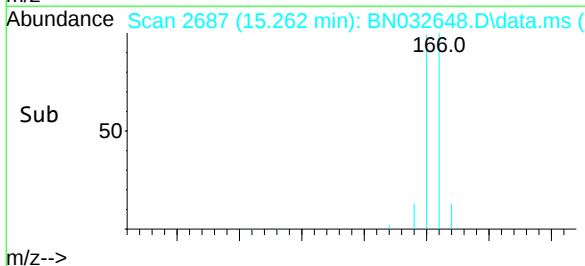
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

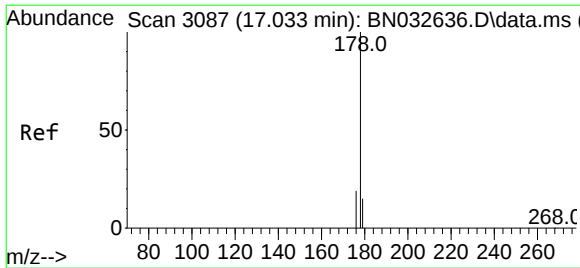


#12
Fluorene
Concen: 0.276 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33



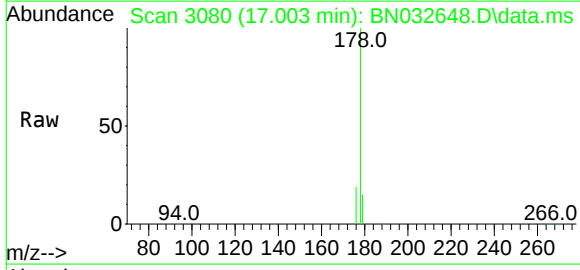
Tgt Ion:166 Resp: 14999
Ion Ratio Lower Upper
166 100
165 98.2 79.7 119.5
167 15.5 11.4 17.2





#15
Phenanthrene
Concen: 3.834 ng/u1 m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

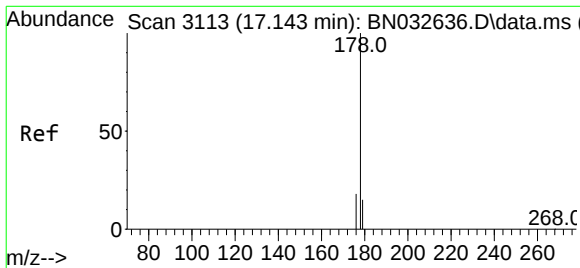
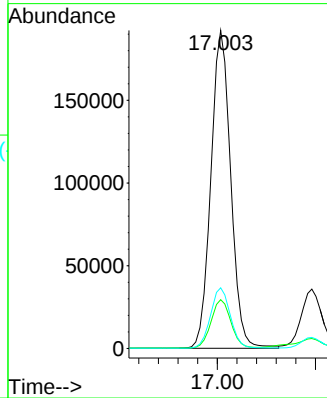
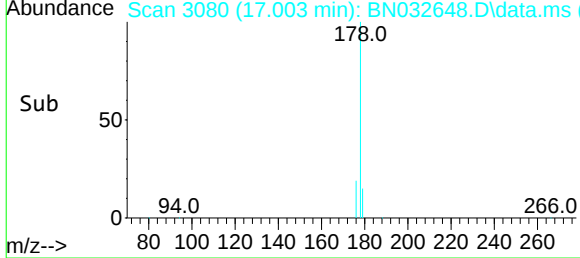
Instrument :
BNA_N
ClientSampleId :
A4CW9



Tgt Ion:	178	Resp:	269356
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	19.1	15.6	23.4

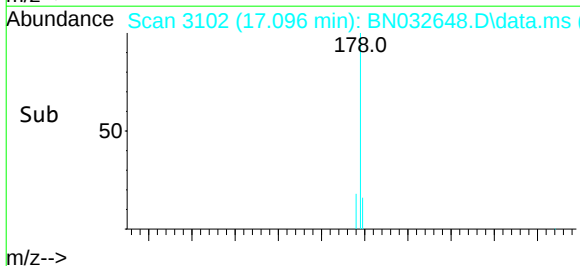
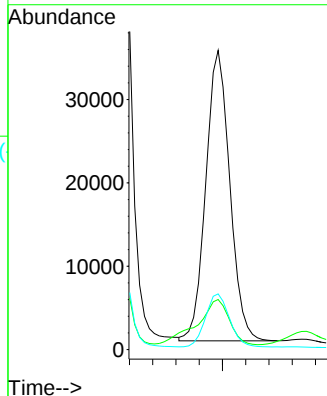
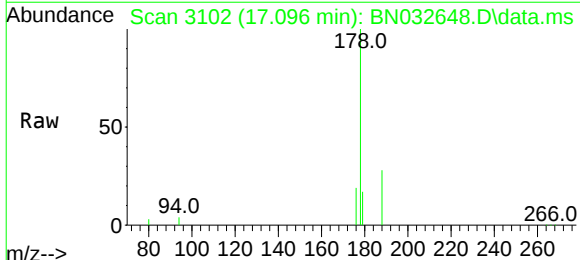
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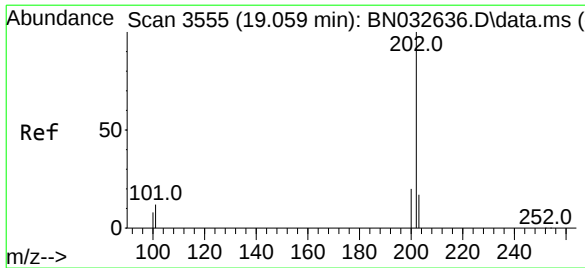
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.871 ng/u1 m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

Tgt Ion:	178	Resp:	49975
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.4	20.2
176	18.6	15.4	23.0





#19

Fluoranthene

Concen: 7.230 ng/ul m

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032648.D

Acq: 11 Jul 2024 22:33

Instrument :

BNA_N

ClientSampleId :

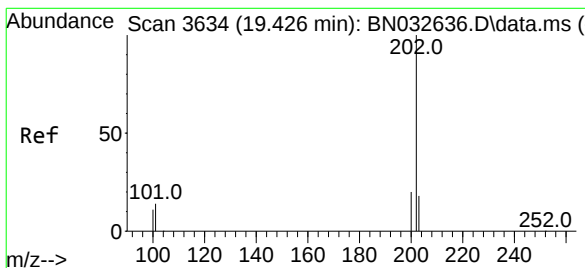
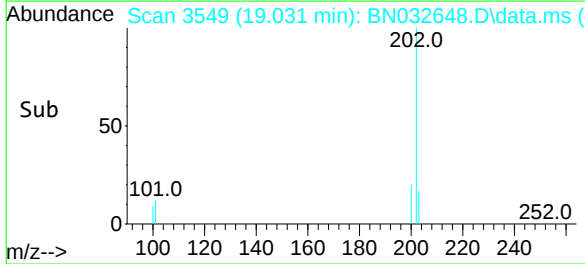
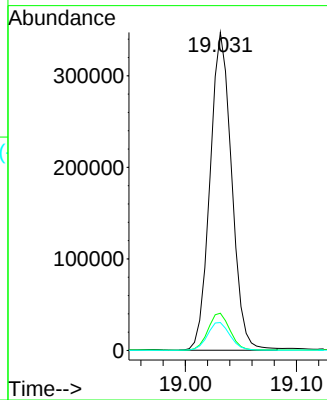
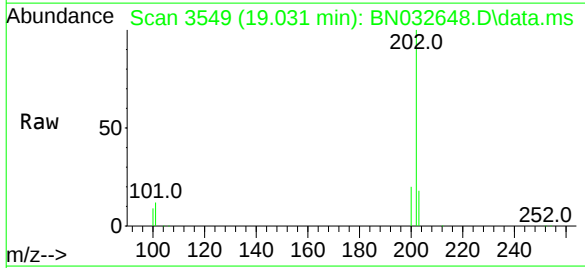
A4CW9

Tgt Ion:	202	Resp:	470115
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	8.8	7.9	11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20

Pyrene

Concen: 5.035 ng/ul m

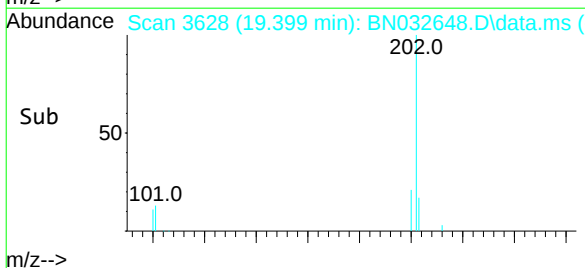
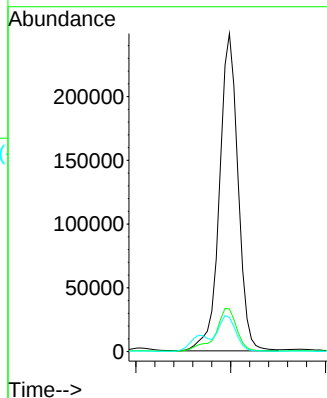
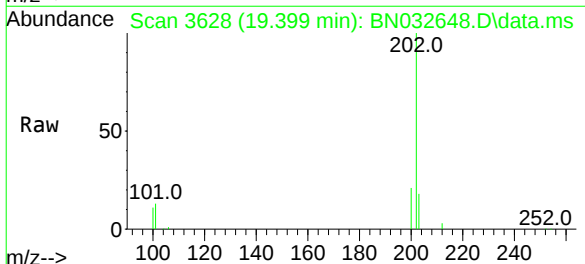
RT: 19.399 min Scan# 3628

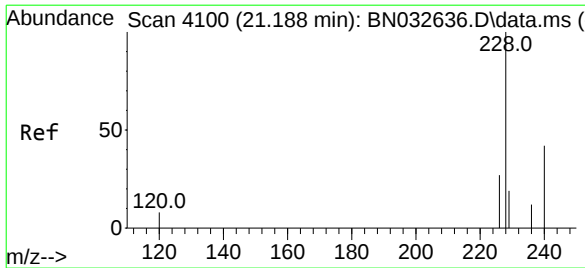
Delta R.T. -0.023 min

Lab File: BN032648.D

Acq: 11 Jul 2024 22:33

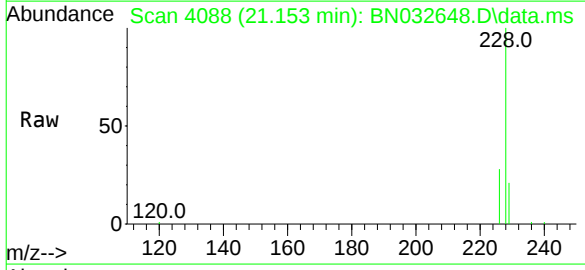
Tgt Ion:	202	Resp:	338871
Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.8	17.6
100	10.8	9.6	14.4





#21
Benzo(a)anthracene
Concen: 4.158 ng/u1 m
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

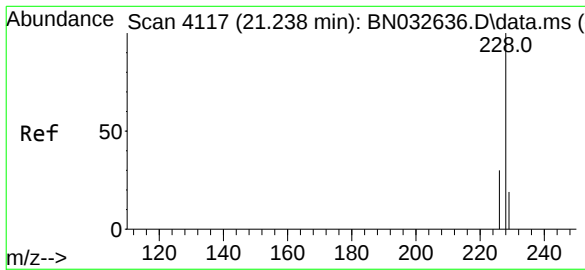
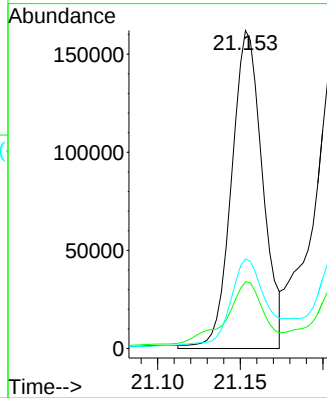
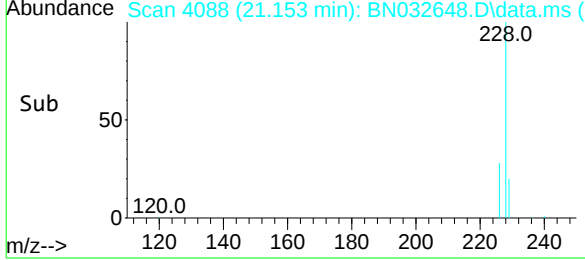
Instrument :
BNA_N
ClientSampleId :
A4CW9



Tgt Ion:228 Resp: 211686
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 28.1 21.9 32.9

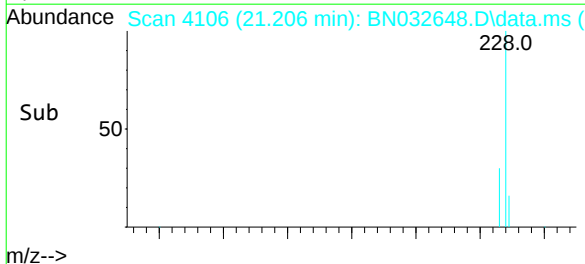
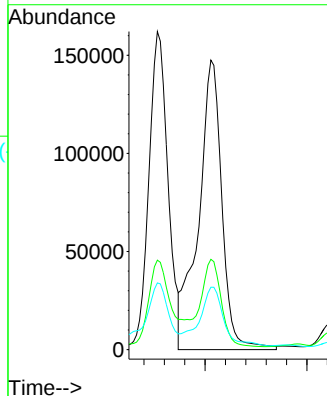
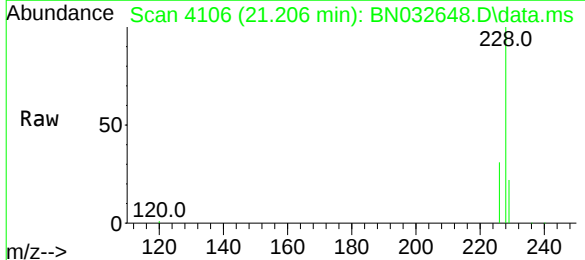
Manual Integrations
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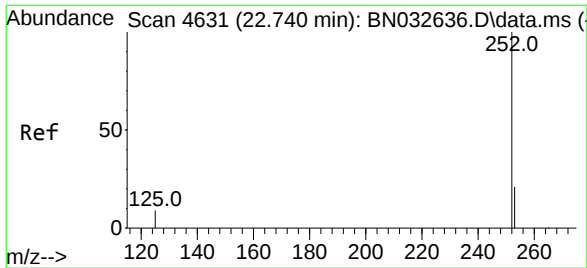
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 3.209 ng/u1 m
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

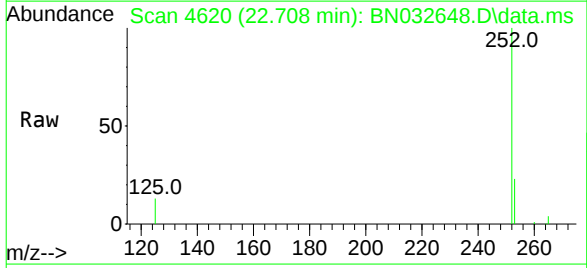
Tgt Ion:228 Resp: 236324
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.842 ng/u1 m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

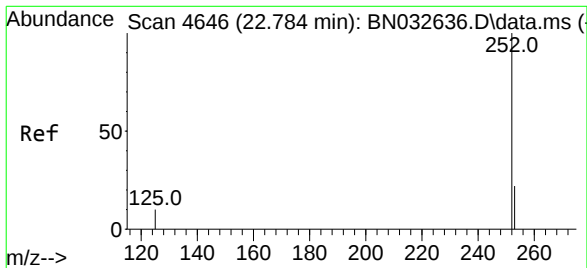
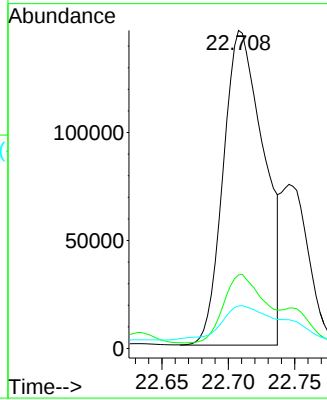
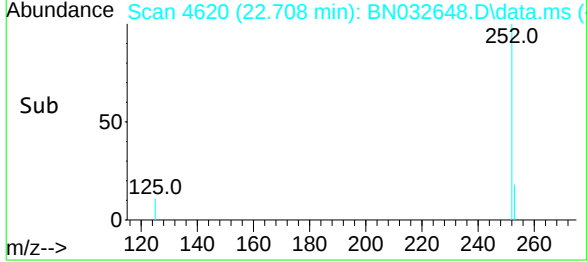
Instrument :
BNA_N
ClientSampleId :
A4CW9



Tgt Ion:252 Resp: 309477
Ion Ratio Lower Upper
252 100
253 23.1 0.0 54.0
125 13.4 0.0 36.0

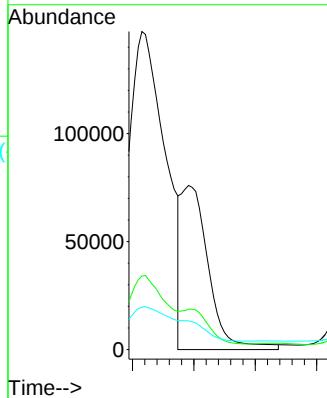
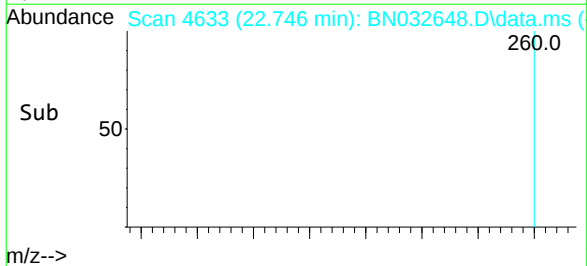
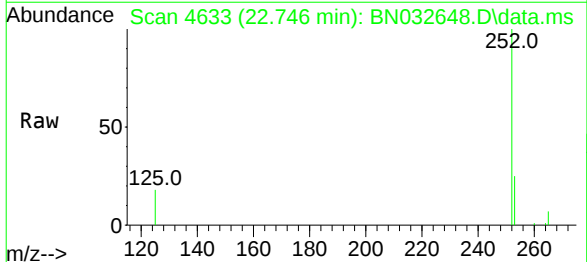
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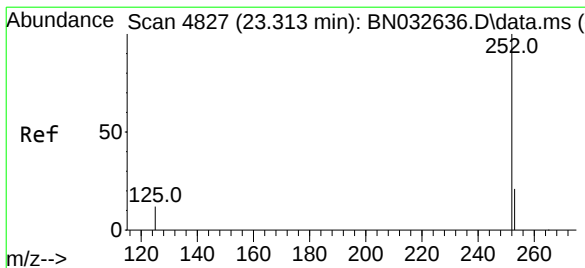
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 1.520 ng/u1 m
RT: 22.746 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032648.D
Acq: 11 Jul 2024 22:33

Tgt Ion:252 Resp: 118391
Ion Ratio Lower Upper
252 100
253 24.7 21.2 31.8
125 17.5 14.8 22.2





#26

Benzo(a)pyrene

Concen: 2.224 ng/ul m

RT: 23.269 min Scan# 48

Delta R.T. -0.041 min

Lab File: BN032648.D

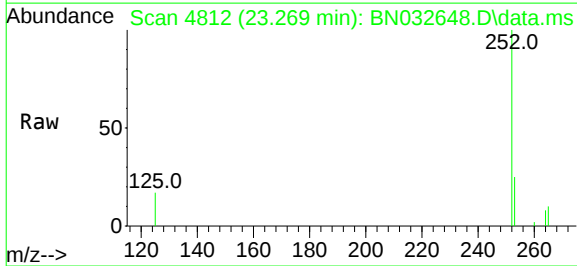
Acq: 11 Jul 2024 22:33

Instrument :

BNA_N

ClientSampleId :

A4CW9



Tgt Ion:252 Resp: 123017

Ion Ratio Lower Upper

252 100

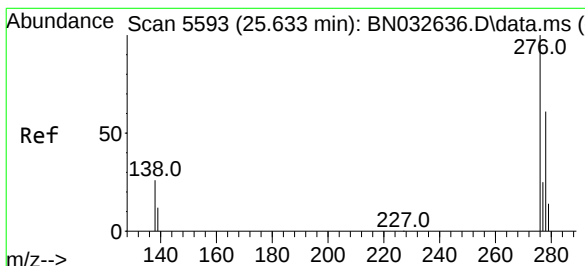
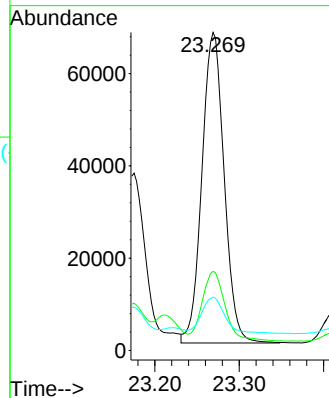
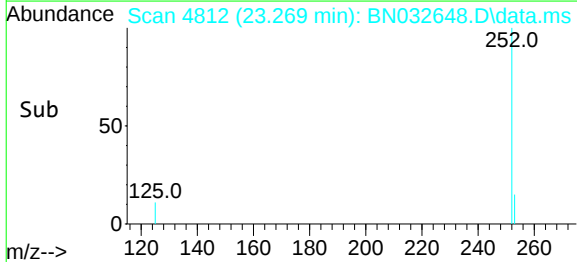
253 24.9 25.4 38.0#

125 16.7 20.6 30.8#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.537 ng/ul m

RT: 25.576 min Scan# 5576

Delta R.T. -0.050 min

Lab File: BN032648.D

Acq: 11 Jul 2024 22:33

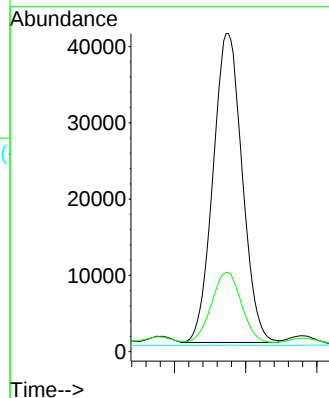
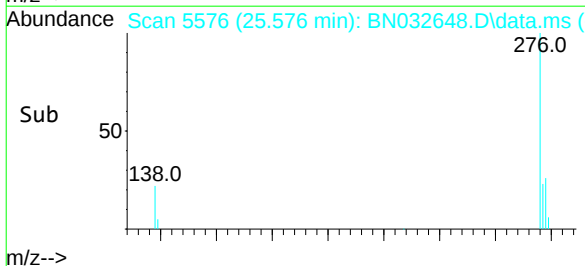
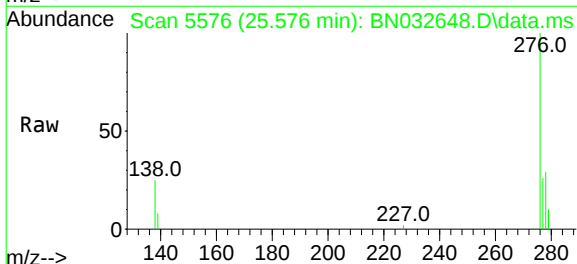
Tgt Ion:276 Resp: 115097

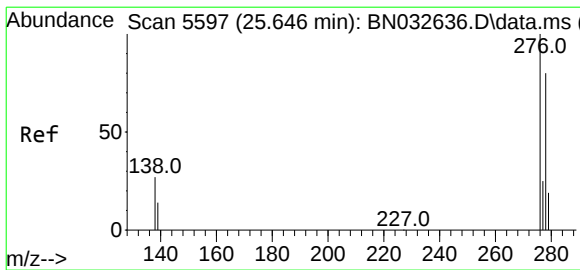
Ion Ratio Lower Upper

276 100

138 4.0 21.6 32.4#

227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.705 ng/ul m

RT: 25.579 min Scan# 55

Delta R.T. -0.060 min

Lab File: BN032648.D

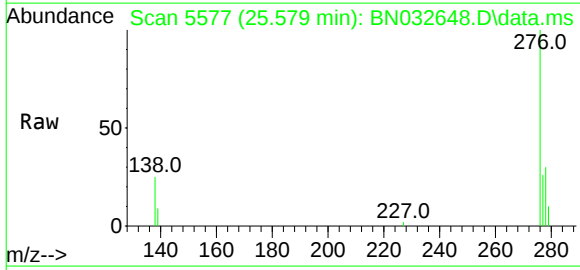
Acq: 11 Jul 2024 22:33

Instrument :

BNA_N

ClientSampleId :

A4CW9



Tgt Ion:278 Resp: 40956

Ion Ratio Lower Upper

278 100

139 28.7 16.6 24.8#

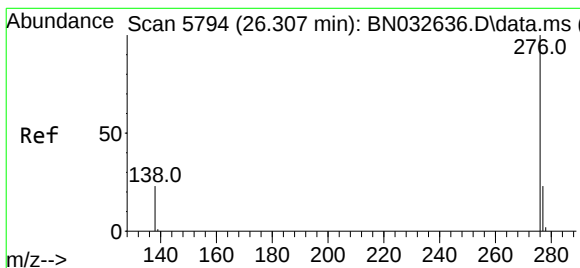
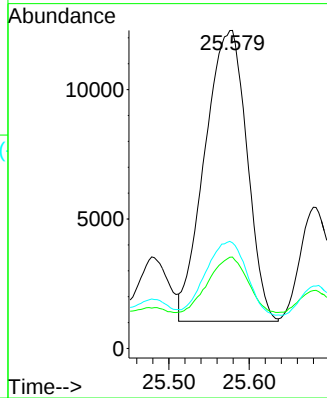
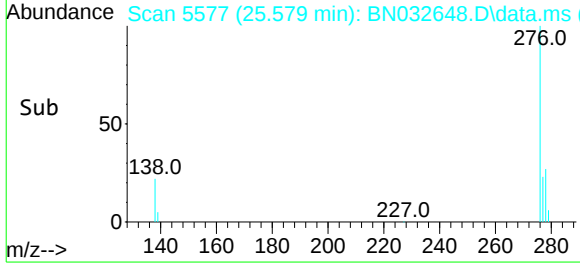
279 33.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.278 ng/ul m

RT: 26.260 min Scan# 5780

Delta R.T. -0.040 min

Lab File: BN032648.D

Acq: 11 Jul 2024 22:33

Tgt Ion:276 Resp: 17411

Ion Ratio Lower Upper

276 100

138 35.6 21.0 31.4#

277 36.0 20.6 31.0#

