

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032910.D
 Acq On : 23 Jul 2024 14:43
 Operator : MA/JU
 Sample : P3178-08DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 15:17:50 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5154	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136	17090	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.178	164	10230	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	16064	0.400	ng/ul	-0.02
17) Chrysene-d12	21.163	240	12239	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	13960m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2981	0.482	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	917	0.036	ng/ul	-0.01
18) Fluoranthene-d10	18.984	212	1422	0.036	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	3551	0.077	ng/ul#	95
7) 2-Methylnaphthalene	11.986	142	1156	0.040	ng/ul	97
8) 1-Methylnaphthalene	12.206	142	733	0.025	ng/ul	95
11) Acenaphthene	14.238	153	4158	0.122	ng/ul	99
12) Fluorene	15.242	166	4108	0.105	ng/ul	99
15) Phenanthrene	16.981	178	36386	0.832	ng/ul	99
16) Anthracene	17.074	178	6612	0.185	ng/ul#	91
19) Fluoranthene	19.011	202	33354	0.670	ng/ul	99
20) Pyrene	19.379	202	26678	0.518	ng/ul	100
21) Benzo(a)anthracene	21.149	228	12108m	0.311	ng/ul	
22) Chrysene	21.198	228	12020m	0.213	ng/ul	
24) Benzo(b)fluoranthene	22.697	252	15202m	0.309	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	5481m	0.091	ng/ul	
26) Benzo(a)pyrene	23.256	252	10679	0.251	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.571	276	7303	0.127	ng/ul#	48
28) Dibenzo(a,h)anthracene	25.568	278	1868	0.042	ng/ul#	1
29) Benzo(g,h,i)perylene	26.252	276	7229	0.150	ng/ul#	84

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

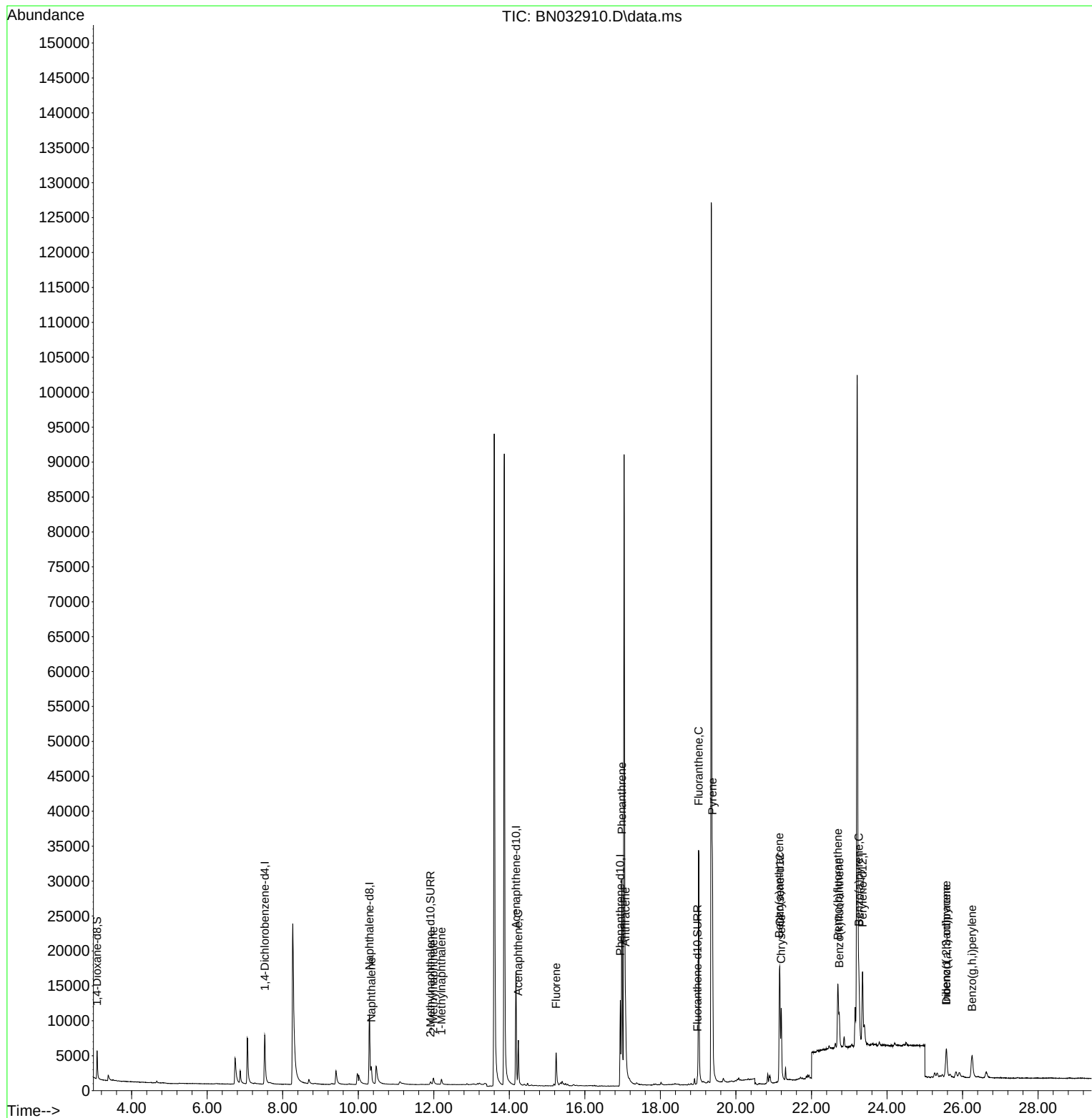
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032910.D
Acq On : 23 Jul 2024 14:43
Operator : MA/JU
Sample : P3178-08DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

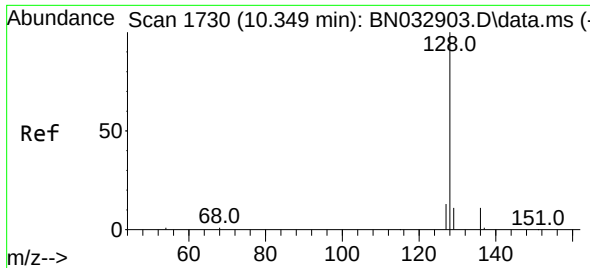
Instrument :
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ClientSampleId :
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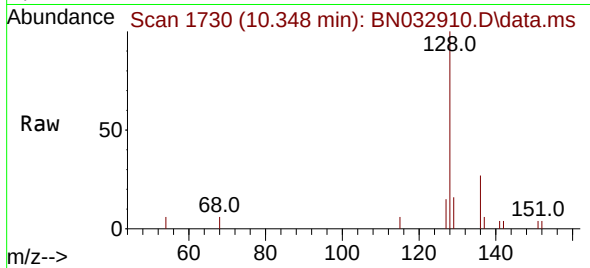
Quant Time: Jul 23 15:17:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.348 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

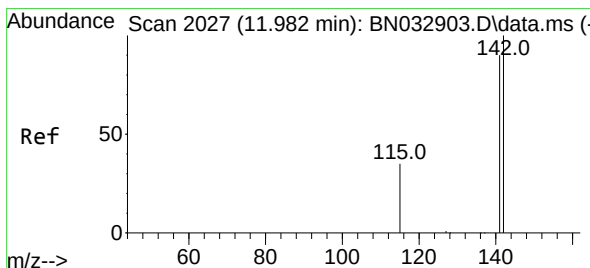
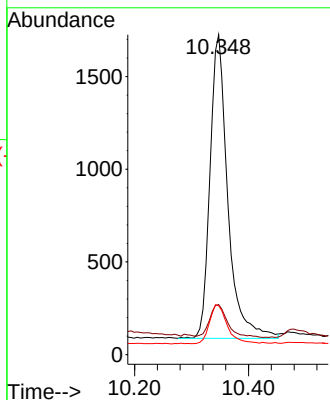
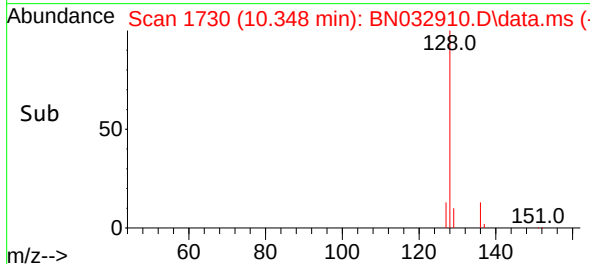
Instrument :
BNA_N
ClientSampleId :
A4BT3DL



Tgt Ion:128 Resp: 355
Ion Ratio Lower Upper
128 100
129 15.6 10.0 15.0
127 15.3 11.6 17.4

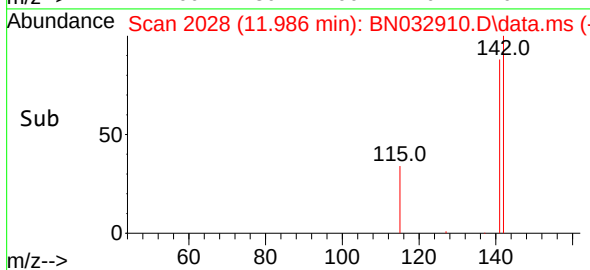
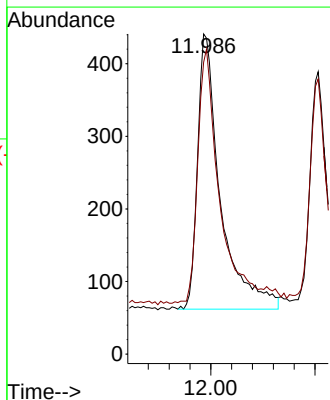
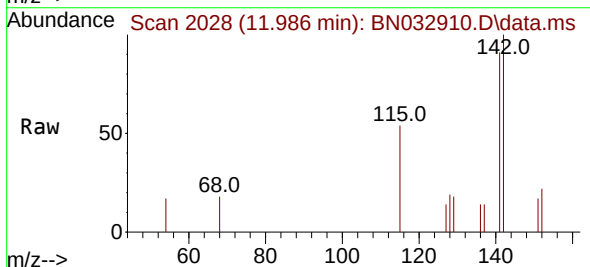
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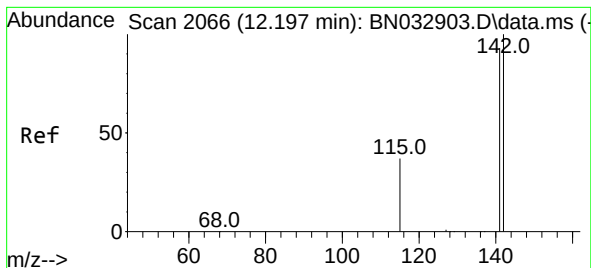
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.986 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
142 100
141 90.1 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.206 min Scan# 2066

Delta R.T. -0.005 min

Lab File: BN032910.D

Acq: 23 Jul 2024 14:43

Instrument :

BNA_N

ClientSampleId :

A4BT3DL

Tgt Ion:142 Resp: 738

Ion Ratio Lower Upper

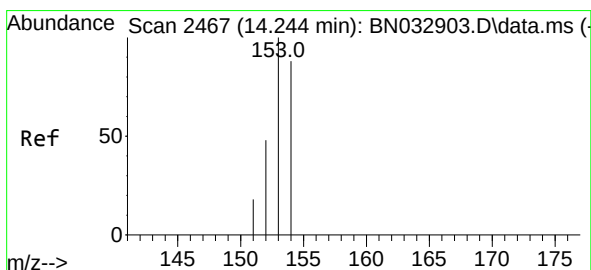
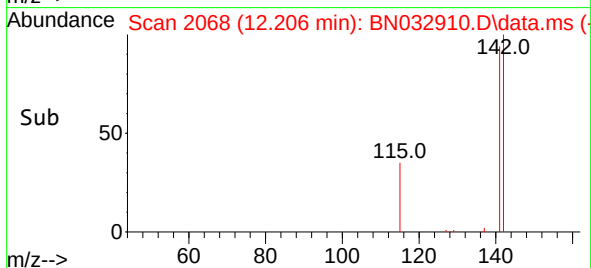
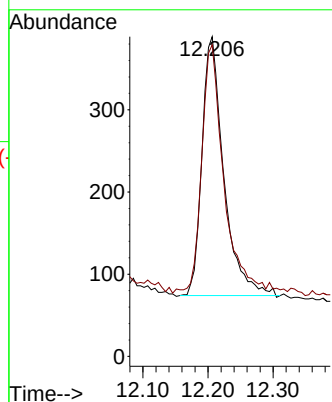
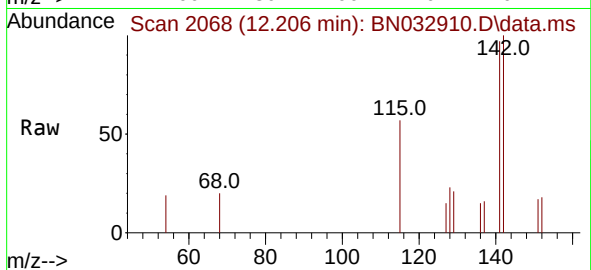
142 100

141 98.4 75.0 112.4

Manual Integrations

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#11

Acenaphthene

Concen: 0.122 ng/ul

RT: 14.238 min Scan# 2466

Delta R.T. -0.014 min

Lab File: BN032910.D

Acq: 23 Jul 2024 14:43

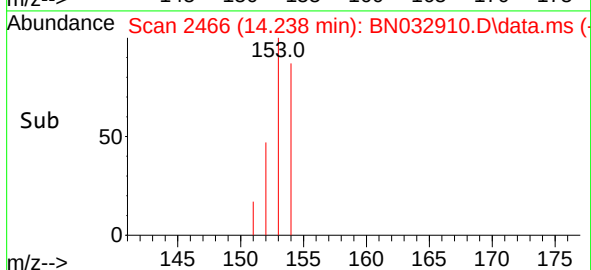
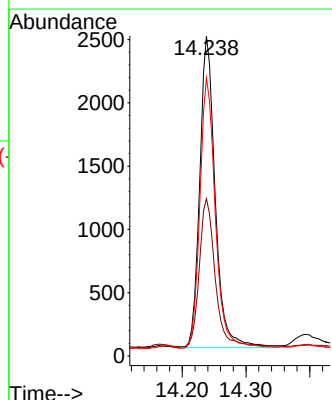
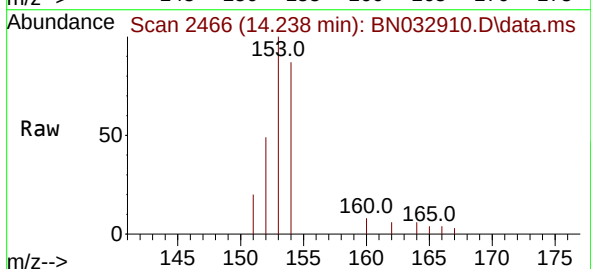
Tgt Ion:153 Resp: 4158

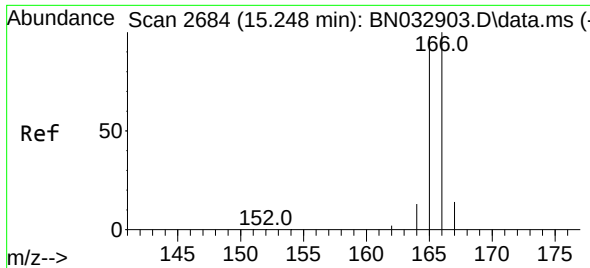
Ion Ratio Lower Upper

153 100

152 49.1 40.0 60.0

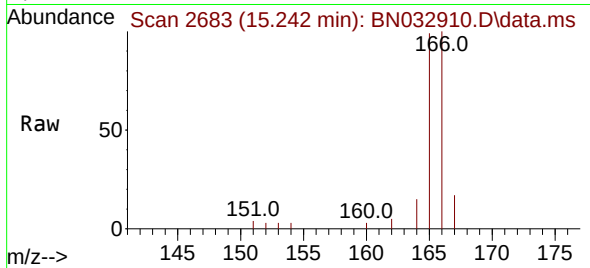
154 86.9 70.2 105.4





#12
Fluorene
Concen: 0.105 ng/u1
RT: 15.242 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

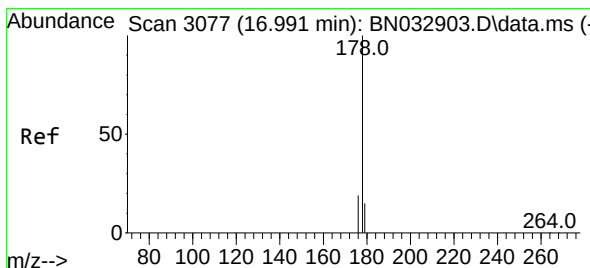
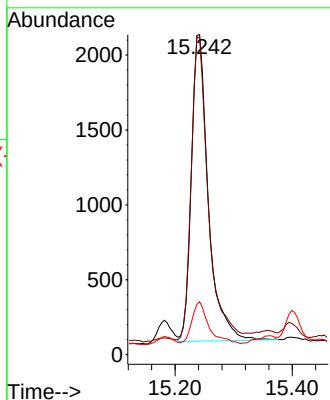
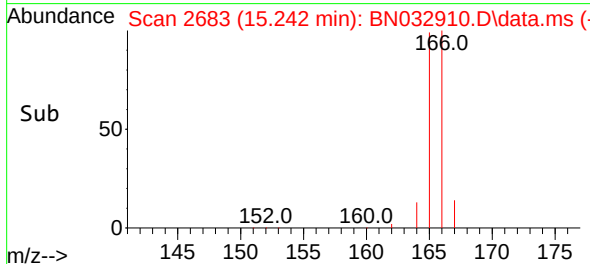
Instrument :
BNA_N
ClientSampleId :
A4BT3DL



Tgt Ion:166 Resp: 4108
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 16.6 11.4 17.2

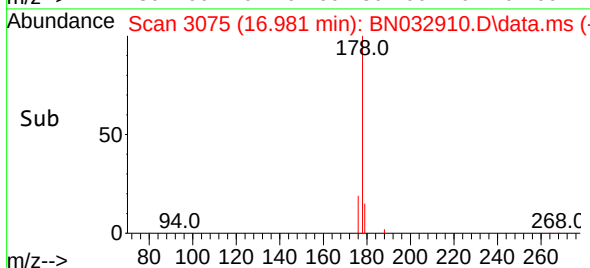
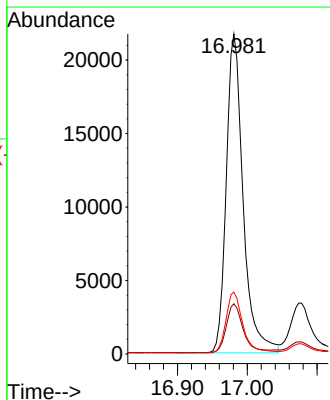
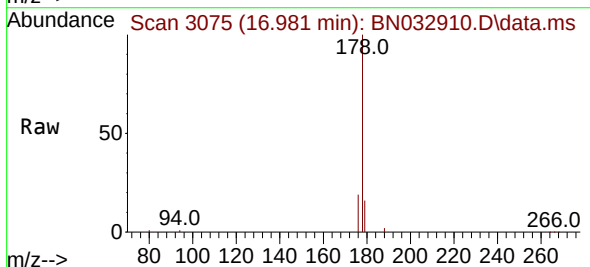
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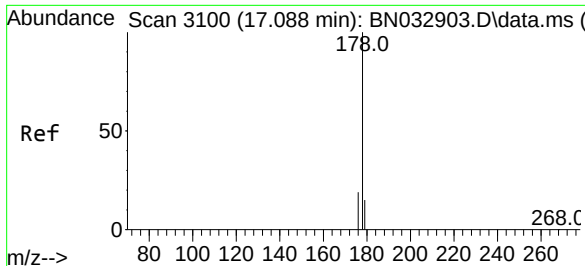
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.832 ng/u1
RT: 16.981 min Scan# 3075
Delta R.T. -0.021 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

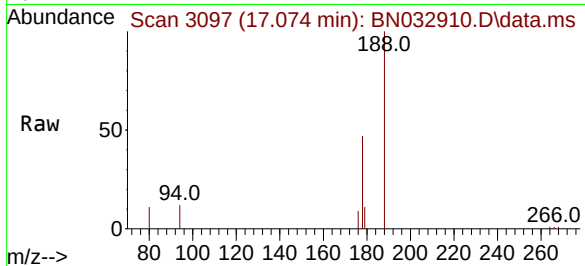
Tgt Ion:178 Resp: 36386
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 0.185 ng/ul
 RT: 17.074 min Scan# 3097
 Delta R.T. -0.025 min
 Lab File: BN032910.D
 Acq: 23 Jul 2024 14:43

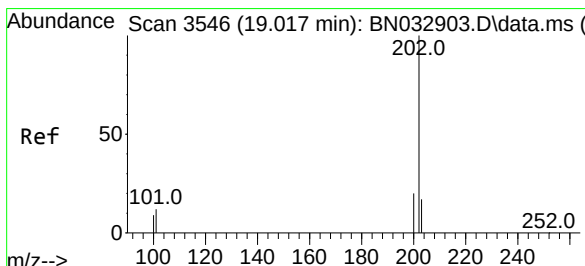
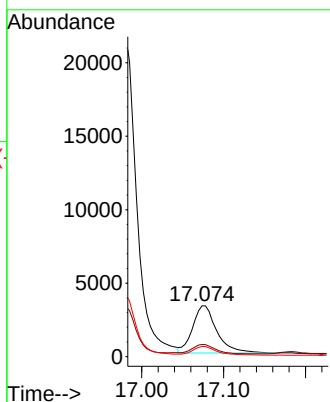
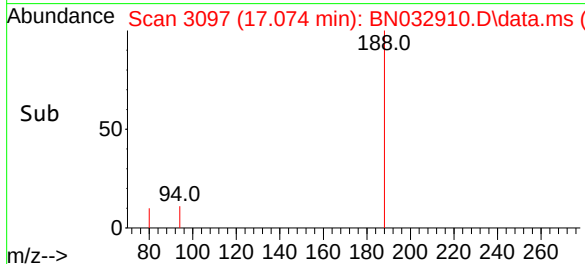
Instrument :
 BNA_N
 ClientSampleId :
 A4BT3DL



Tgt Ion:178 Resp: 6612
 Ion Ratio Lower Upper
 178 100
 179 24.0 13.4 20.2
 176 20.0 15.4 23.0

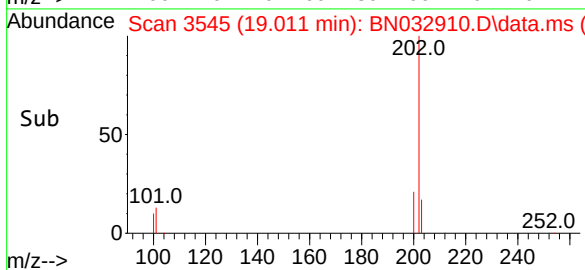
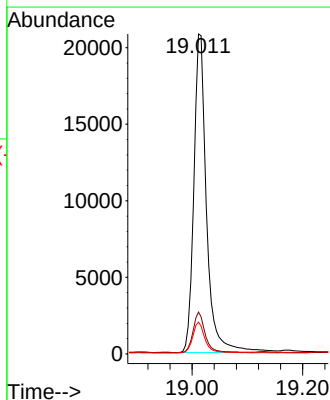
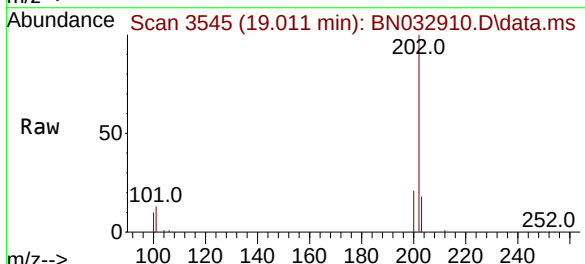
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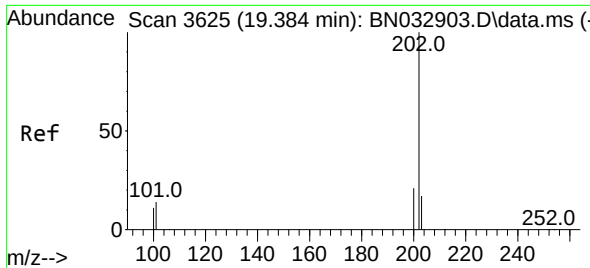
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 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.670 ng/ul
 RT: 19.011 min Scan# 3545
 Delta R.T. -0.014 min
 Lab File: BN032910.D
 Acq: 23 Jul 2024 14:43

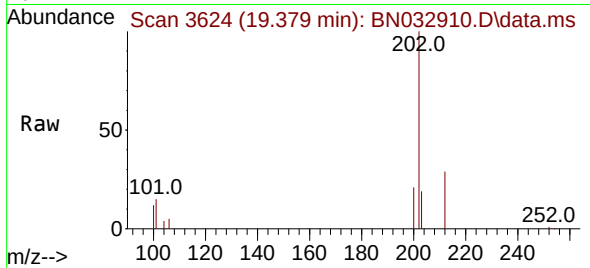
Tgt Ion:202 Resp: 33354
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.8 14.8
 100 10.0 7.9 11.9





#20
Pyrene
Concen: 0.518 ng/ul
RT: 19.379 min Scan# 3624
Delta R.T. -0.014 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

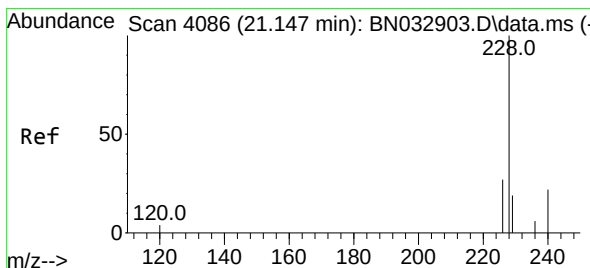
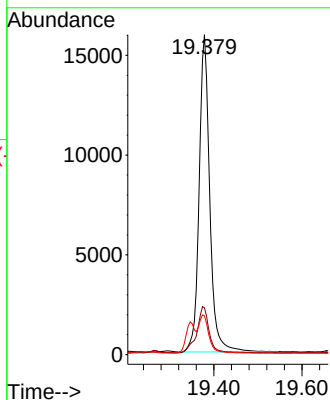
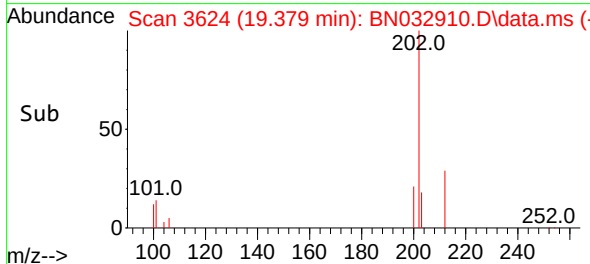
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A4BT3DL



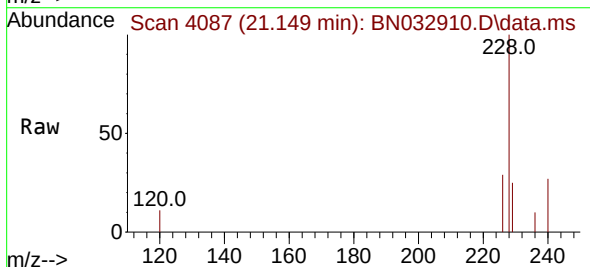
Tgt Ion:202 Resp: 26678
Ion Ratio Lower Upper
202 100
101 14.7 11.8 17.6
100 12.1 9.6 14.4

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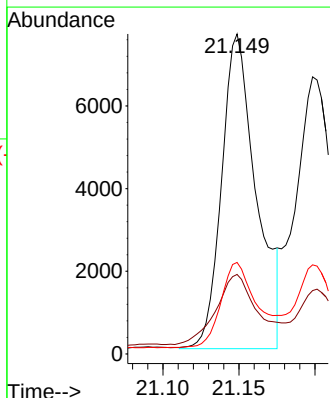
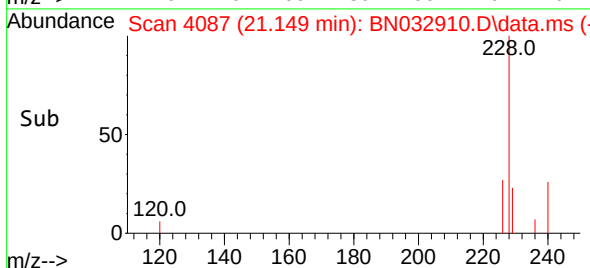
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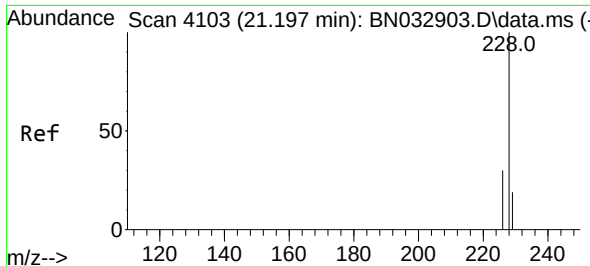


#21
Benzo(a)anthracene
Concen: 0.311 ng/ul m
RT: 21.149 min Scan# 4087
Delta R.T. -0.002 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43



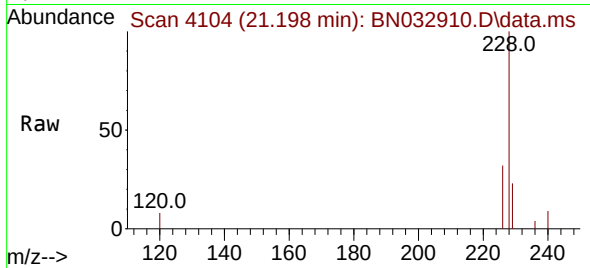
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Ion Ratio Lower Upper
228 100
229 24.8 16.1 24.1#
226 28.6 21.9 32.9





#22
Chrysene
Concen: 0.213 ng/ul m
RT: 21.198 min Scan# 4103
Delta R.T. -0.004 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

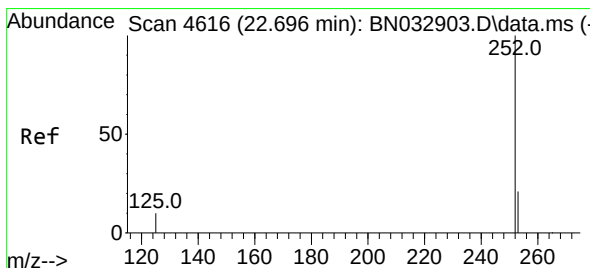
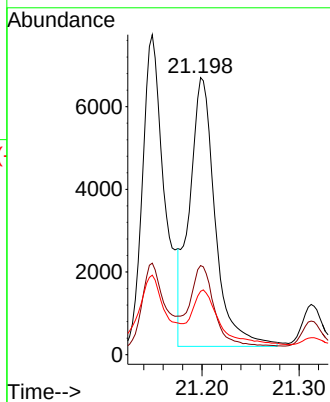
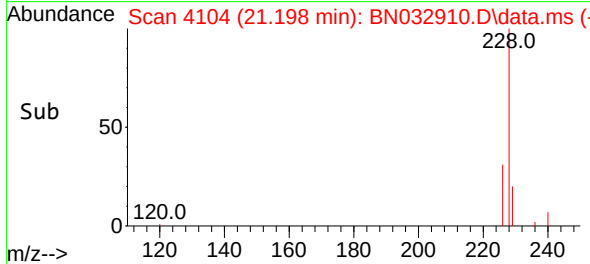
Instrument :
BNA_N
ClientSampleId :
A4BT3DL



Tgt Ion:228 Resp: 12020
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 22.9 15.8 23.6

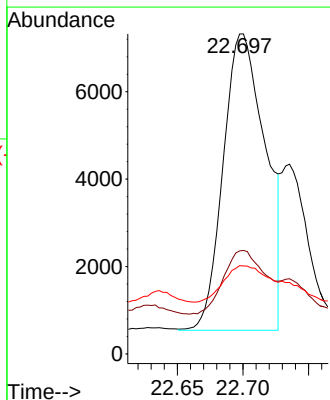
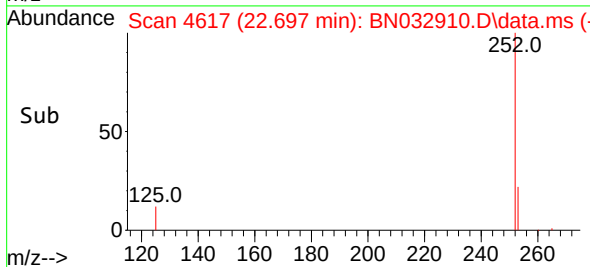
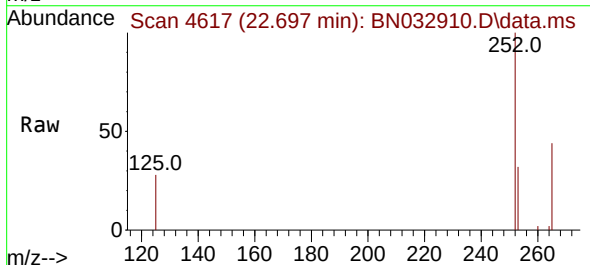
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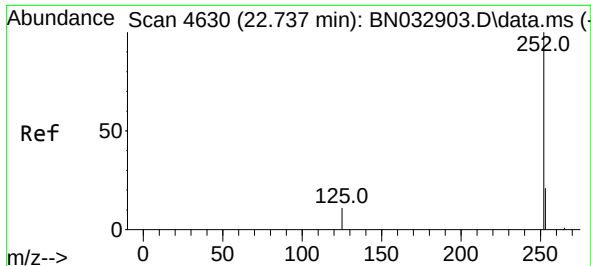
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul m
RT: 22.697 min Scan# 4617
Delta R.T. -0.002 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

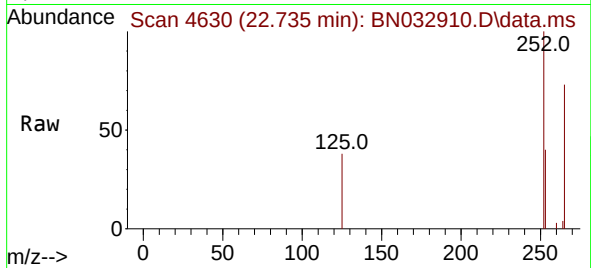
Tgt Ion:252 Resp: 15202
Ion Ratio Lower Upper
252 100
253 32.2 0.0 54.0
125 27.6 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 22.735 min Scan# 4630
Delta R.T. -0.004 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

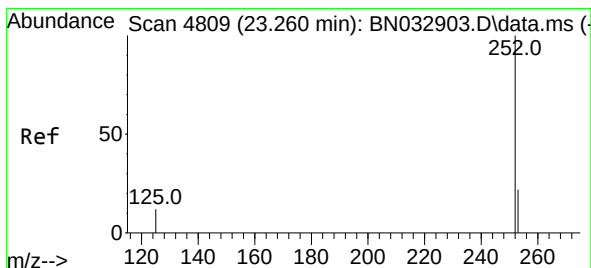
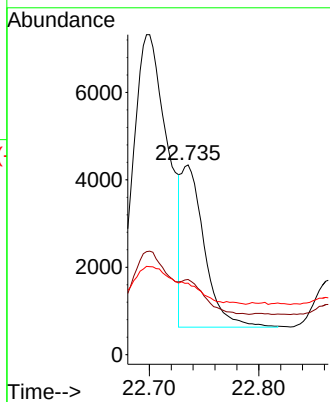
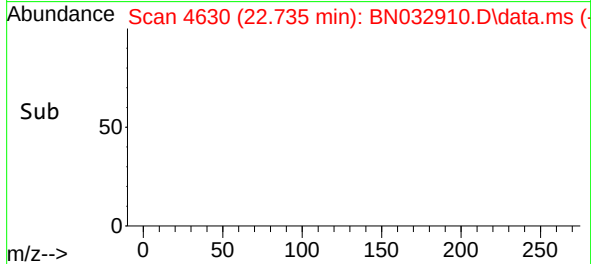
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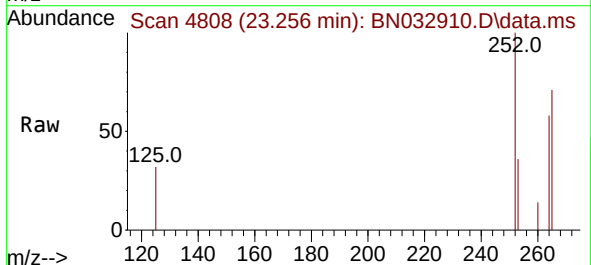
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Ion Ratio Lower Upper
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125 37.6 14.8 22.2

Manual Integrations
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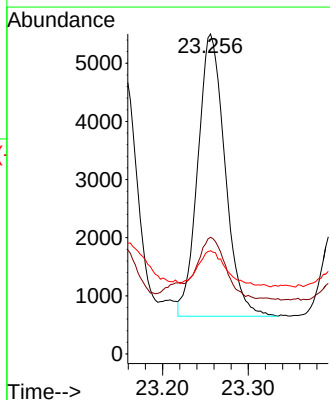
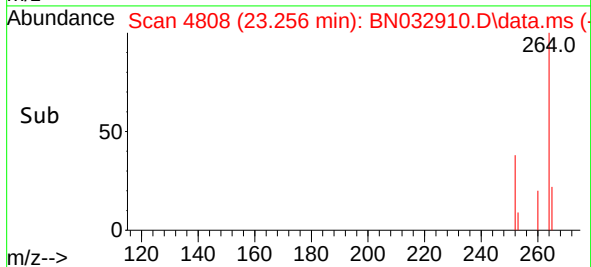
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

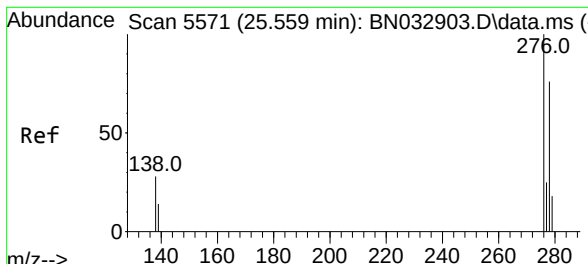


#26
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.256 min Scan# 4808
Delta R.T. -0.007 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43



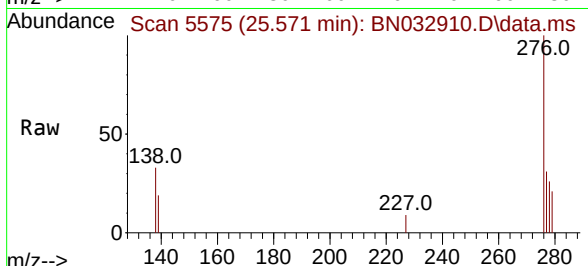
Tgt Ion:252 Resp: 10679
Ion Ratio Lower Upper
252 100
253 36.5 25.4 38.0
125 32.2 20.6 30.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 25.571 min Scan# 5575
Delta R.T. 0.002 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

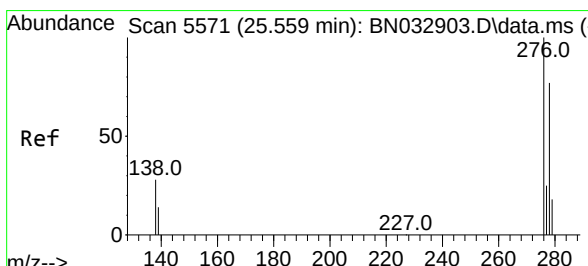
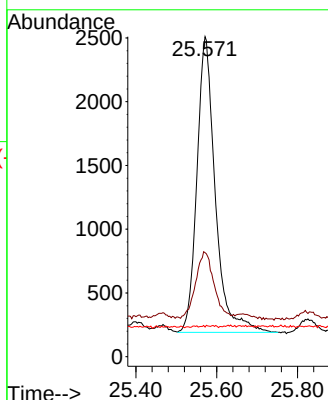
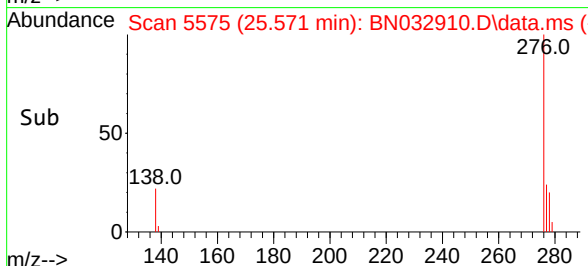
Instrument :
BNA_N
ClientSampleId :
A4BT3DL



Tgt Ion:276 Resp: 730
Ion Ratio Lower Upper
276 100
138 0.0 21.6 32.4#
227 0.1 0.0 0.0#

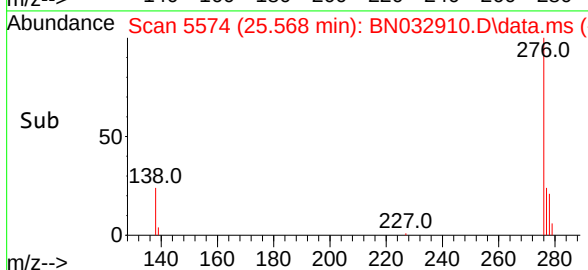
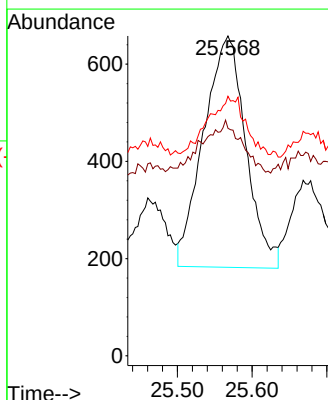
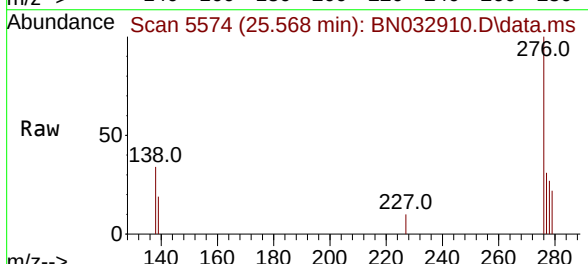
Manual Integrations
APPROVED

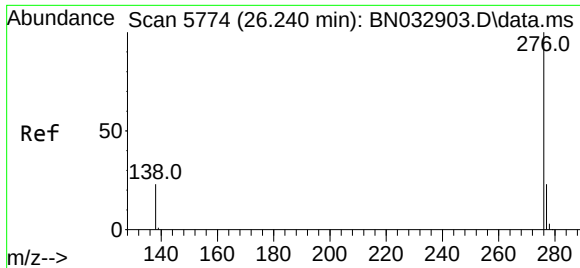
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.568 min Scan# 5574
Delta R.T. -0.002 min
Lab File: BN032910.D
Acq: 23 Jul 2024 14:43

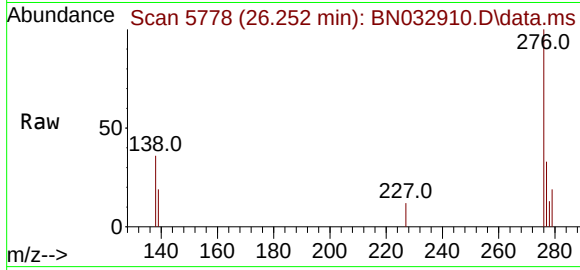
Tgt Ion:278 Resp: 1868
Ion Ratio Lower Upper
278 100
139 71.1 16.6 24.8#
279 81.2 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.150 ng/ul
 RT: 26.252 min Scan# 51
 Delta R.T. 0.002 min
 Lab File: BN032910.D
 Acq: 23 Jul 2024 14:43

Instrument :
 BNA_N
 ClientSampleId :
 A4BT3DL



Tgt Ion:	276	Resp:	7229
Ion	Ratio	Lower	Upper
276	100		
138	35.6	21.0	31.4
277	33.1	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

