

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026102.D
 Acq On : 29 Jun 2023 19:43
 Operator : MA/JU
 Sample : 03143-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFU5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:45:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	24774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	14704	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	29072	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	15176	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	16406	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	22147	2.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	6339	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	12008	0.208	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.823	128	4575	0.064	ng/ul#	91
7) 2-Methylnaphthalene	12.440	142	2396	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.655	142	1731	0.037	ng/ul	96
10) Acenaphthylene	14.324	152	2573	0.037	ng/ul#	84
11) Acenaphthene	14.666	153	1319	0.023	ng/ul	94
15) Phenanthrene	17.392	178	31078	0.324	ng/ul	99
16) Anthracene	17.481	178	4943	0.058	ng/ul#	87
19) Fluoranthene	19.408	202	88743	1.095	ng/ul	100
20) Pyrene	19.771	202	73305m	0.869	ng/ul	
21) Benzo(a)anthracene	21.522	228	31102	0.497	ng/ul	96
22) Chrysene	21.577	228	44246	0.679	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	72162m	1.031	ng/ul	
25) Benzo(k)fluoranthene	23.287	252	20328m	0.289	ng/ul	
26) Benzo(a)pyrene	23.884	252	38998	0.641	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.549	276	38035	0.573	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.556	278	8385	0.167	ng/ul#	71
29) Benzo(g,h,i)perylene	27.344	276	33970	0.575	ng/ul	94

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

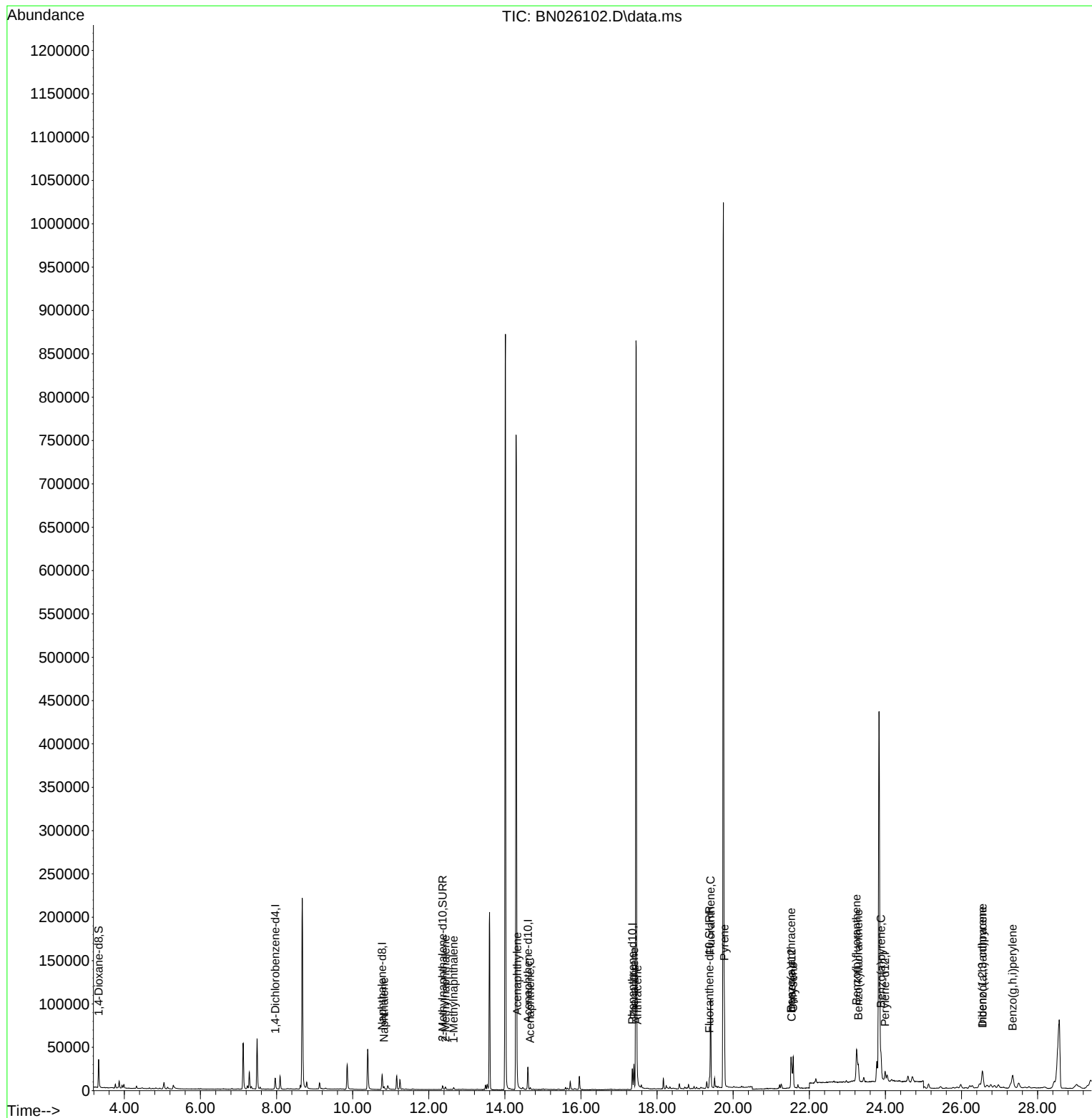
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026102.D
Acq On : 29 Jun 2023 19:43
Operator : MA/JU
Sample : 03143-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

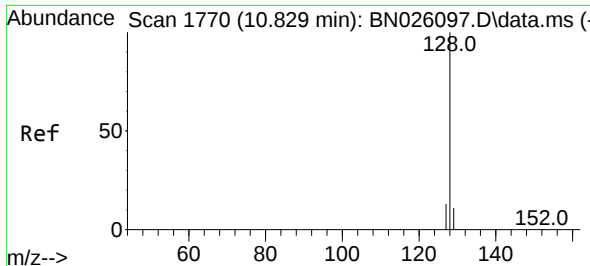
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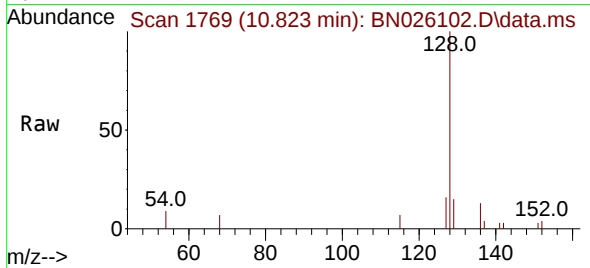
Quant Time: Jun 30 00:45:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.013 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

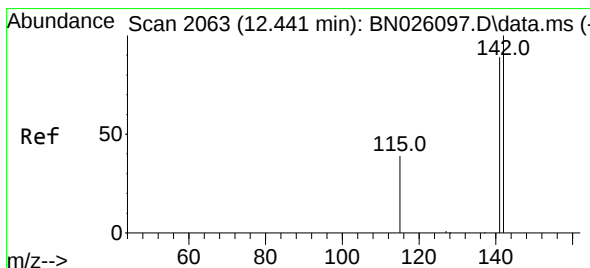
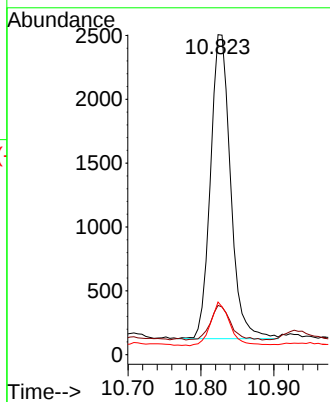
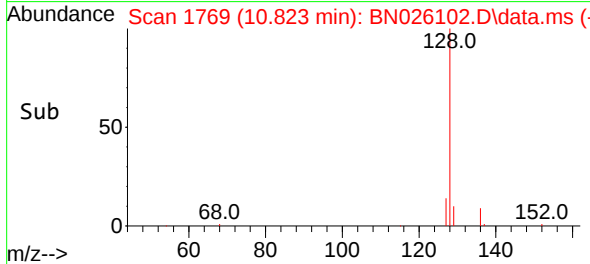
Instrument :
BNA_N
ClientSampleId :
DCFU5



Tgt Ion:128 Resp: 4579
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7
127 16.4 10.7 16.1

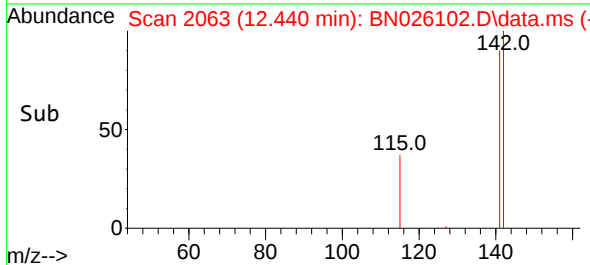
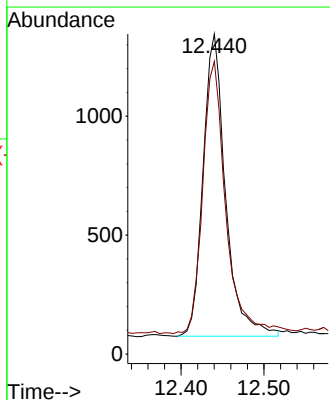
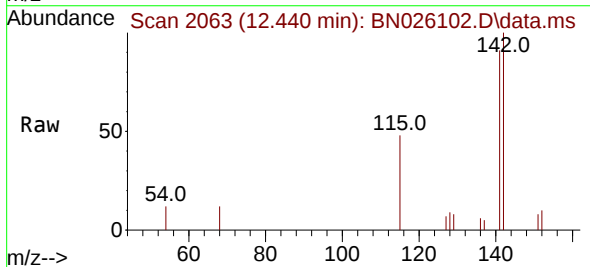
Manual Integrations
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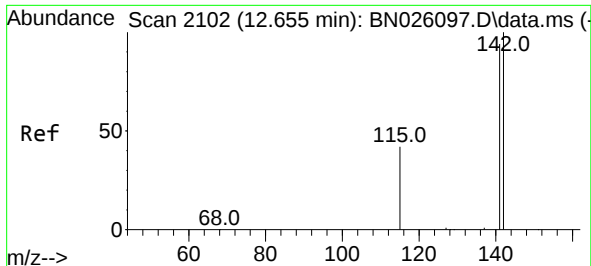
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

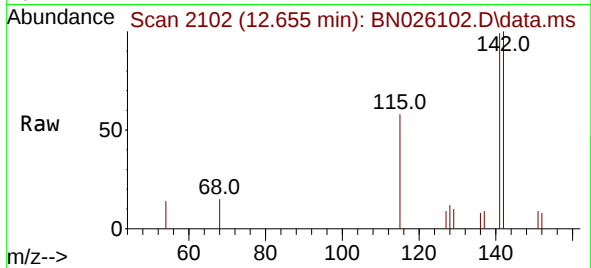
Tgt Ion:142 Resp: 2396
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.655 min Scan# 2102
Delta R.T. -0.007 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

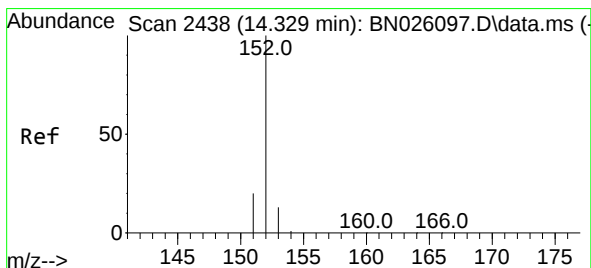
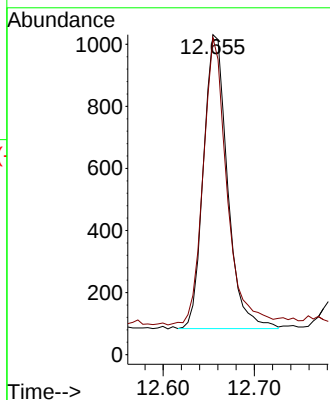
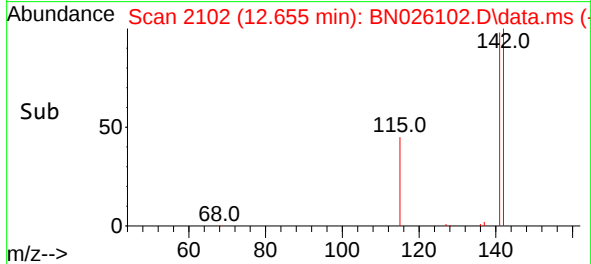
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
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141 96.9 74.2 111.4

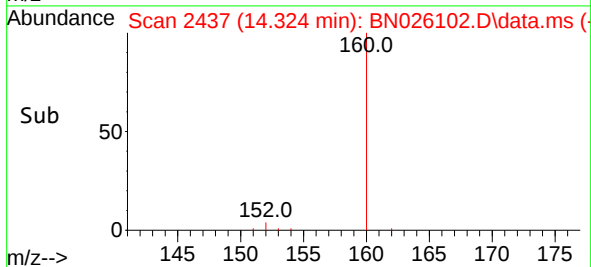
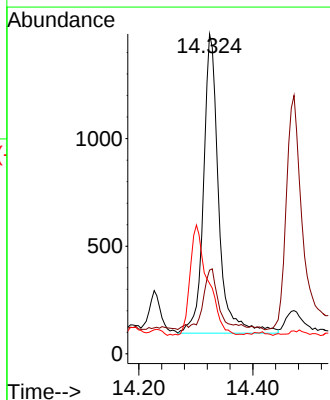
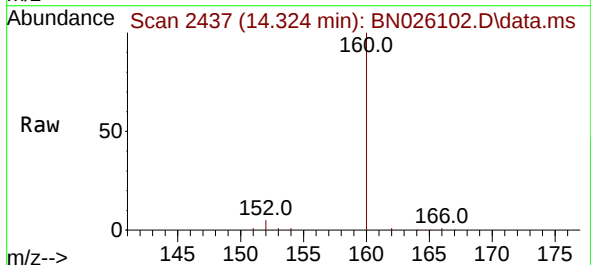
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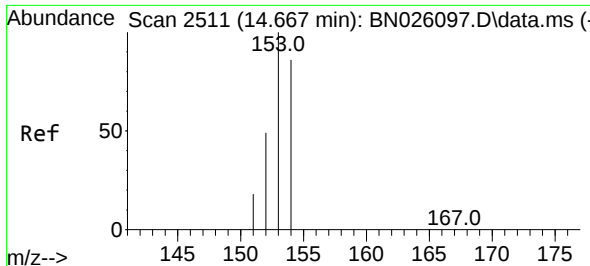
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

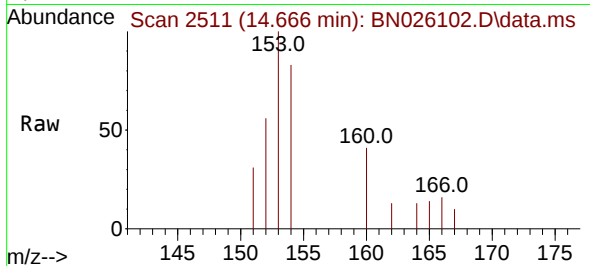
Tgt Ion:152 Resp: 2573
Ion Ratio Lower Upper
152 100
151 26.2 16.2 24.4#
153 22.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.666 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

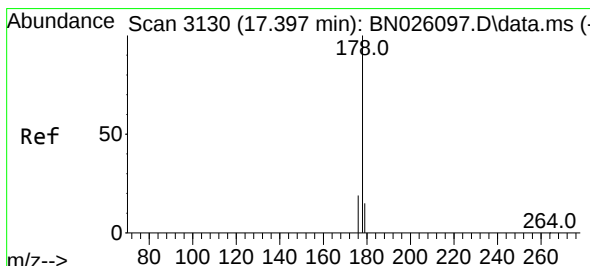
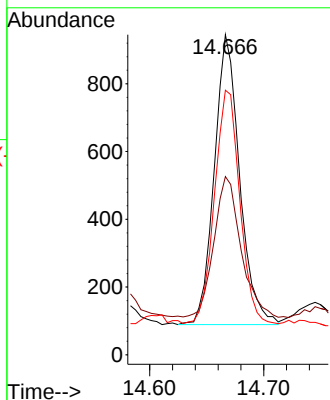
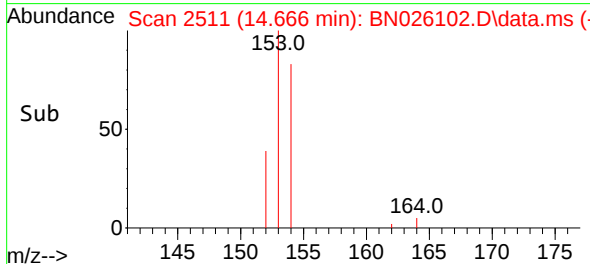
Instrument :
BNA_N
ClientSampleId :
DCFU5



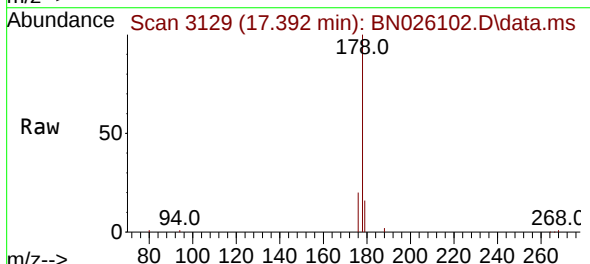
Tgt Ion:153 Resp: 1319
Ion Ratio Lower Upper
153 100
152 55.7 39.4 59.0
154 82.6 68.9 103.3

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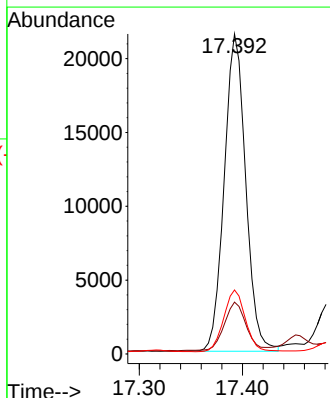
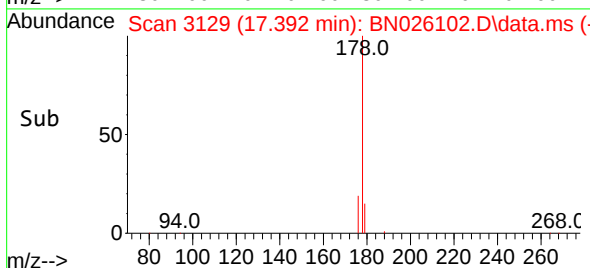
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

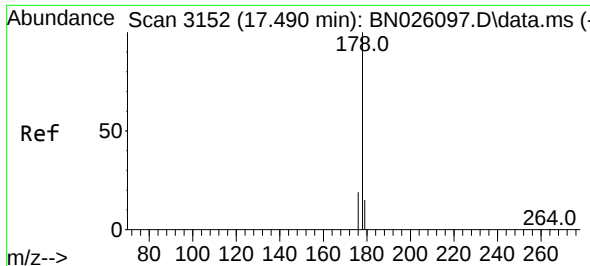


#15
Phenanthrene
Concen: 0.324 ng/u1
RT: 17.392 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43



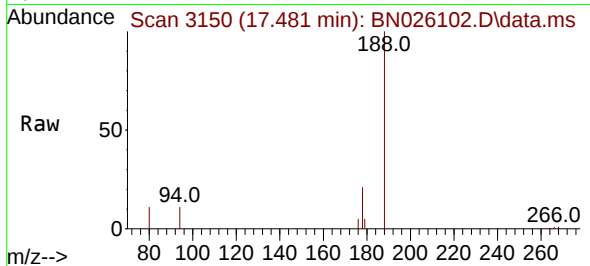
Tgt Ion:178 Resp: 31078
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.8 23.6





#16
 Anthracene
 Concen: 0.058 ng/ul
 RT: 17.481 min Scan# 3152
 Delta R.T. -0.013 min
 Lab File: BN026102.D
 Acq: 29 Jun 2023 19:43

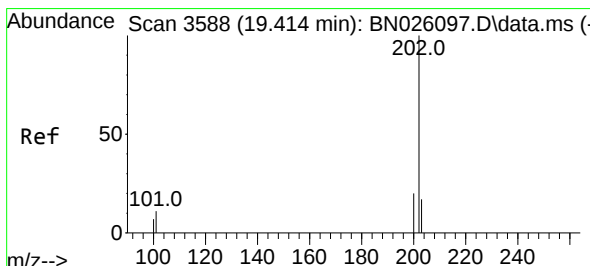
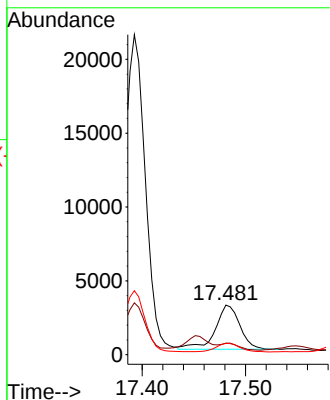
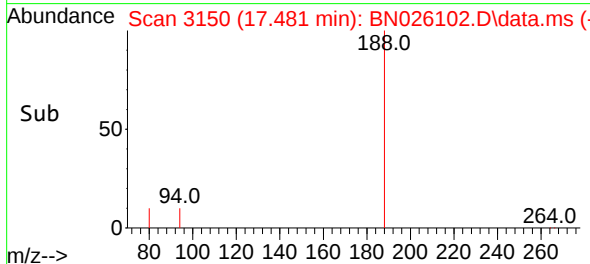
Instrument :
 BNA_N
 ClientSampleId :
 DCFU5



Tgt Ion:178 Resp: 4943
 Ion Ratio Lower Upper
 178 100
 179 23.1 12.6 18.8
 176 23.0 15.1 22.7

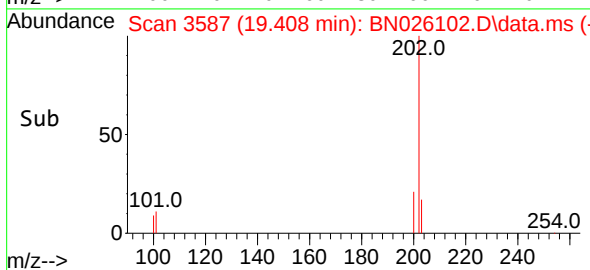
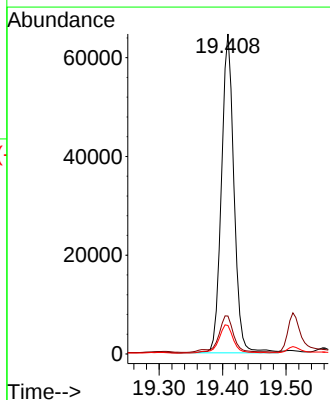
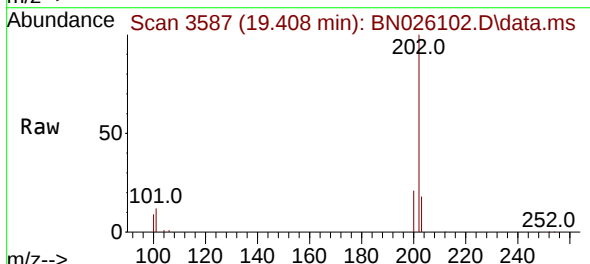
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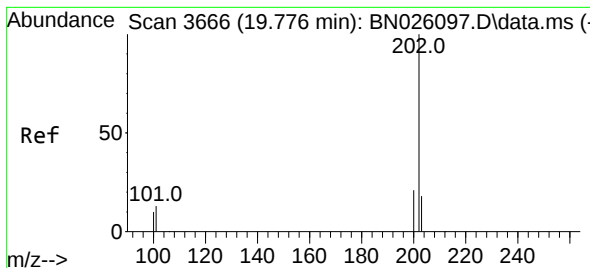
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 1.095 ng/ul
 RT: 19.408 min Scan# 3587
 Delta R.T. -0.006 min
 Lab File: BN026102.D
 Acq: 29 Jun 2023 19:43

Tgt Ion:202 Resp: 88743
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 8.9 7.3 10.9





#20

Pyrene

Concen: 0.869 ng/ul m

RT: 19.771 min Scan# 3666

Delta R.T. -0.006 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5

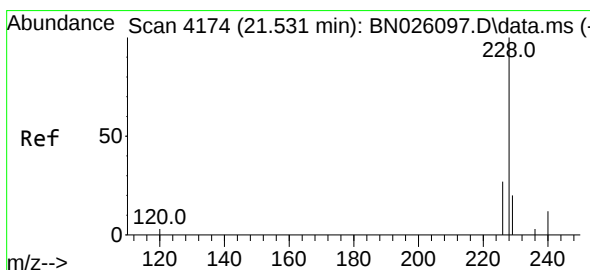
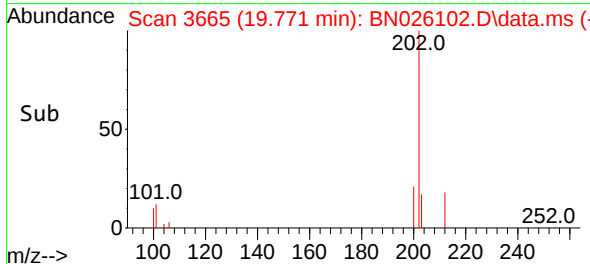
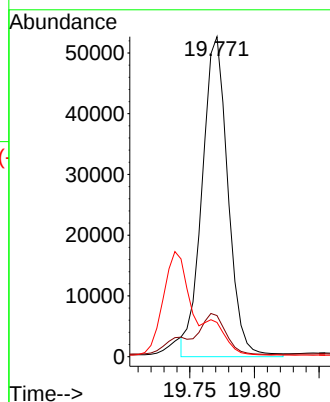
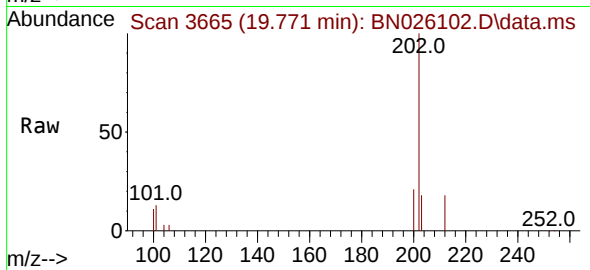
Tgt Ion:	202	Resp:	7330
Ion Ratio	Lower	Upper	
202	100		
101	12.8	11.4	17.0
100	10.7	9.1	13.7

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.497 ng/ul

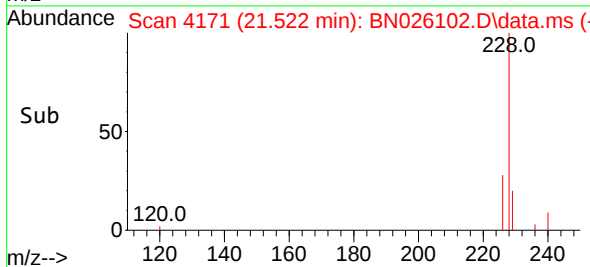
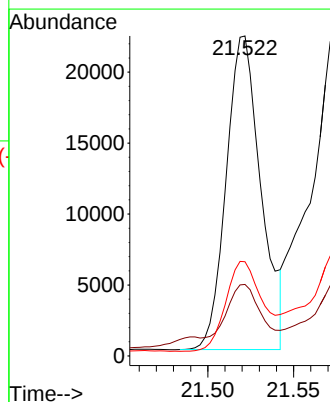
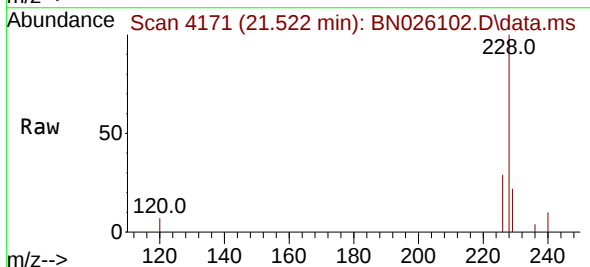
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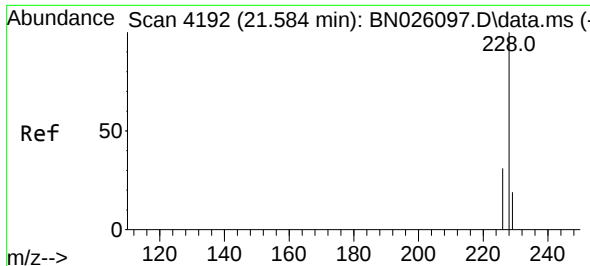
Delta R.T. -0.007 min

Lab File: BN026102.D

Acq: 29 Jun 2023 19:43

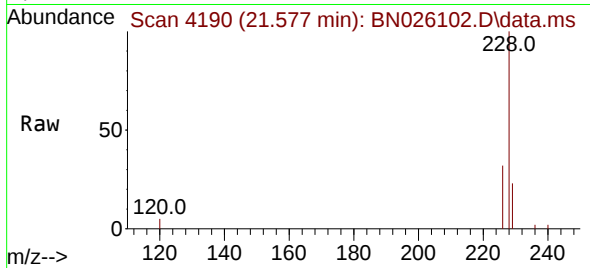
Tgt Ion:	228	Resp:	31102
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.8	23.6
226	29.4	22.5	33.7





#22
Chrysene
Concen: 0.679 ng/ul
RT: 21.577 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

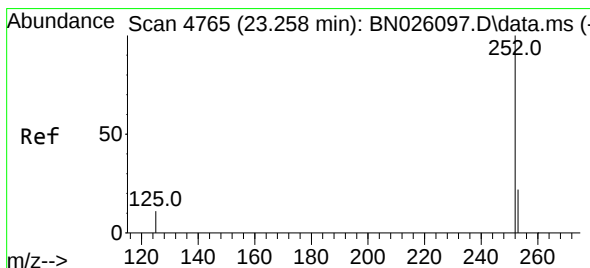
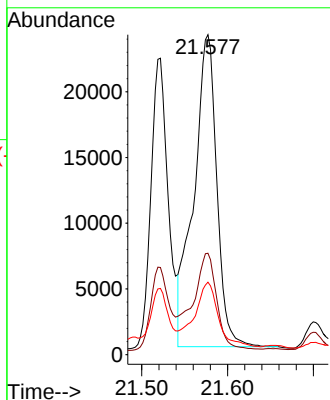
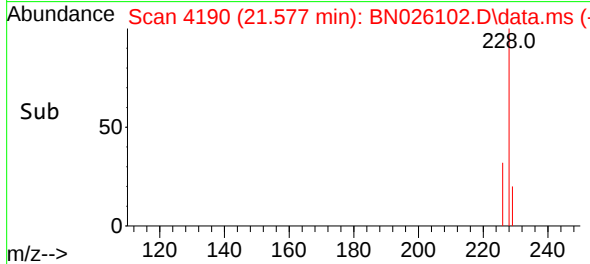
Instrument :
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DCFU5



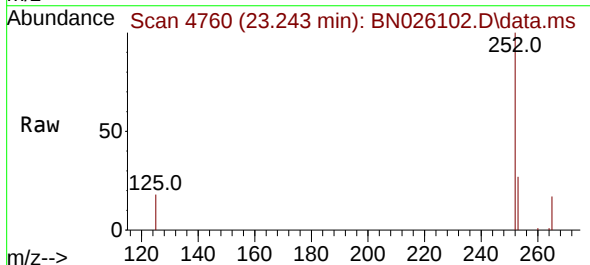
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Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.6 15.7 23.5

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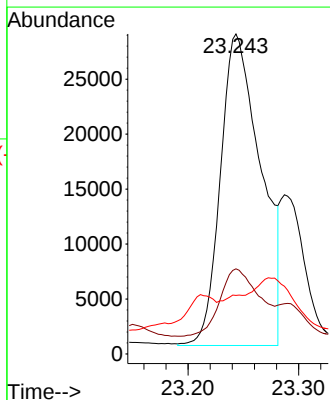
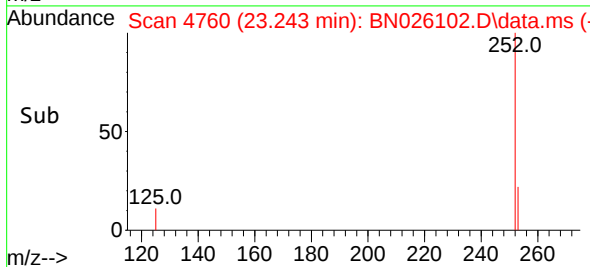
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

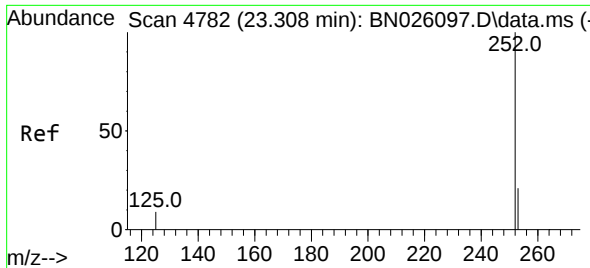


#24
Benzo(b)fluoranthene
Concen: 1.031 ng/ul m
RT: 23.243 min Scan# 4760
Delta R.T. -0.010 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43



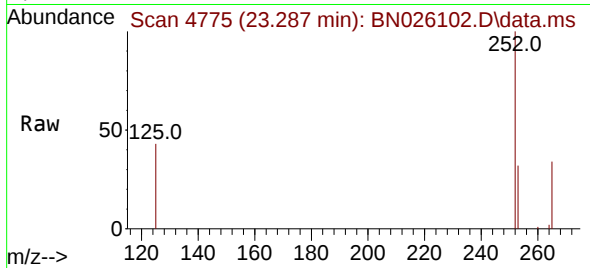
Tgt Ion:252 Resp: 72162
Ion Ratio Lower Upper
252 100
253 26.6 0.0 55.6
125 18.3 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul m
RT: 23.287 min Scan# 4775
Delta R.T. -0.016 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43

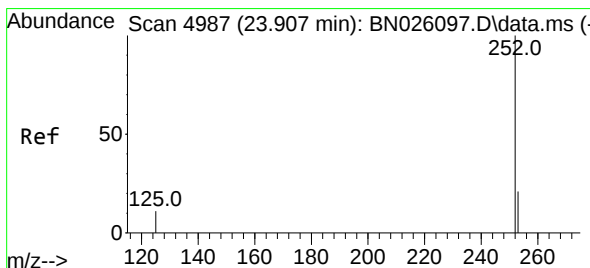
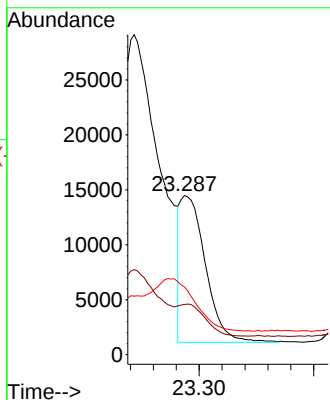
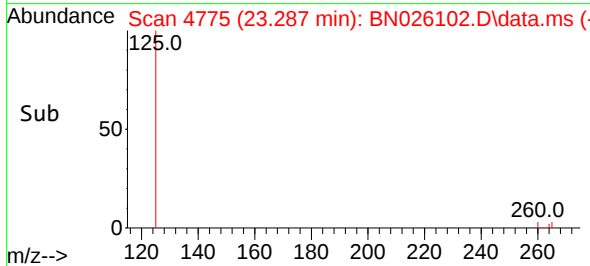
Instrument :
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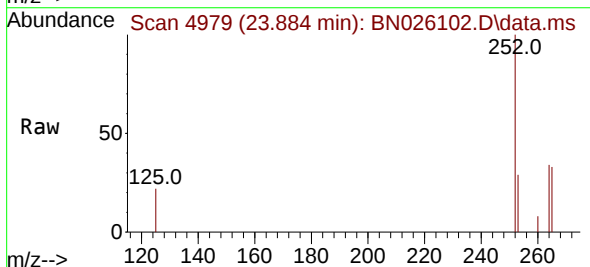
Tgt Ion:252 Resp: 20328
Ion Ratio Lower Upper
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125 42.5 15.0 22.4

Manual Integrations
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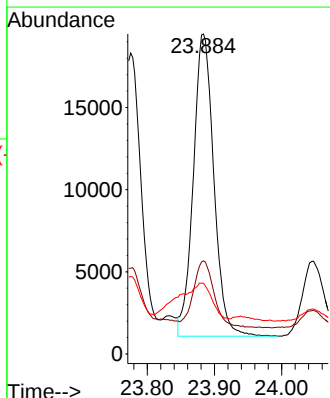
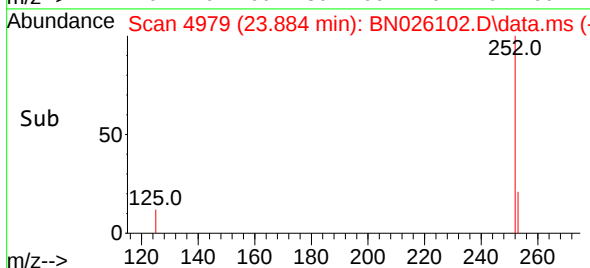
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

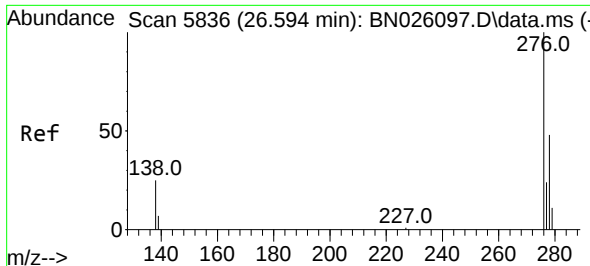


#26
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.022 min
Lab File: BN026102.D
Acq: 29 Jun 2023 19:43



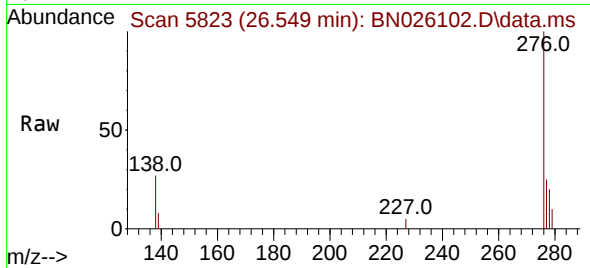
Tgt Ion:252 Resp: 38998
Ion Ratio Lower Upper
252 100
253 29.1 26.0 39.0
125 22.1 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.573 ng/ul
 RT: 26.549 min Scan# 5823
 Delta R.T. -0.045 min
 Lab File: BN026102.D
 Acq: 29 Jun 2023 19:43

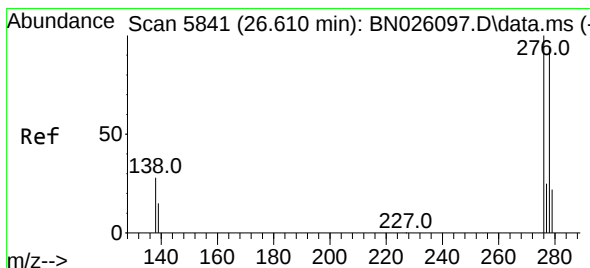
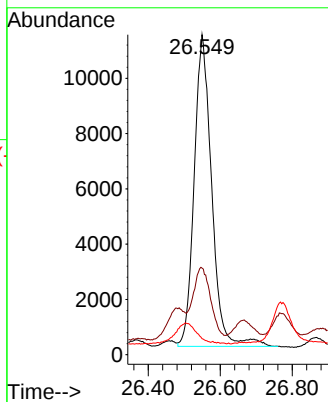
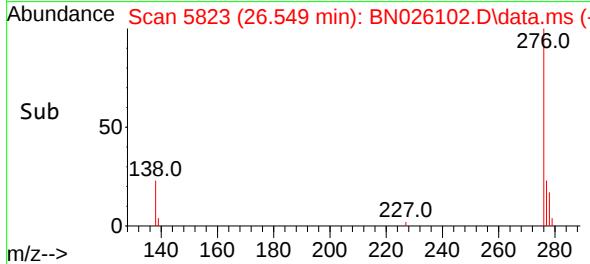
Instrument :
 BNA_N
 ClientSampleId :
 DCFU5



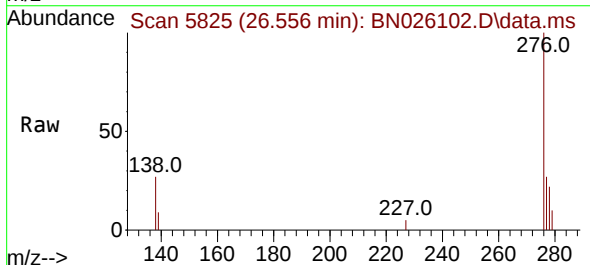
Tgt Ion:276 Resp: 3803
 Ion Ratio Lower Upper
 276 100
 138 22.0 24.5 36.7
 227 0.0 0.0 0.0

Manual Integrations
 APPROVED

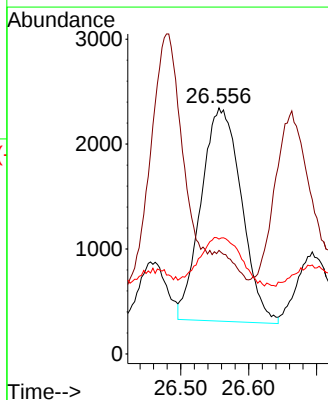
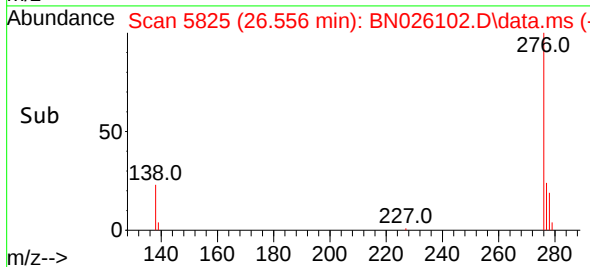
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

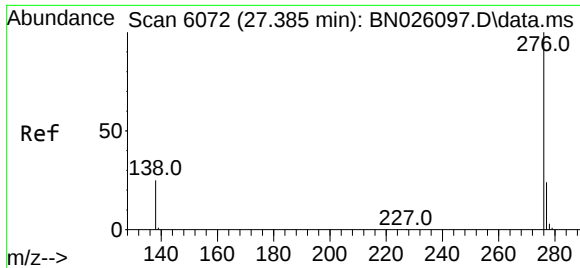


#28
 Dibenzo(a,h)anthracene
 Concen: 0.167 ng/ul
 RT: 26.556 min Scan# 5825
 Delta R.T. -0.058 min
 Lab File: BN026102.D
 Acq: 29 Jun 2023 19:43



Tgt Ion:278 Resp: 8385
 Ion Ratio Lower Upper
 278 100
 139 42.1 19.0 28.4#
 279 46.6 26.7 40.1#





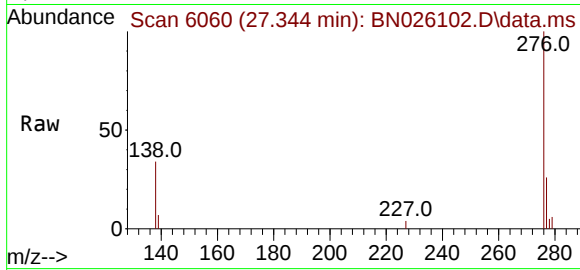
#29
 Benzo(g,h,i)perylene
 Concen: 0.575 ng/ul
 RT: 27.344 min Scan# 6060
 Delta R.T. -0.042 min
 Lab File: BN026102.D
 Acq: 29 Jun 2023 19:43

Instrument :

BNA_N

ClientSampleId :

DCFU5



Tgt Ion:	276	Resp:	33970
Ion	Ratio	Lower	Upper
276	100		
138	34.3	23.4	35.0
277	26.1	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023

