

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026286.D
 Acq On : 05 Jul 2023 11:10
 Operator : MA/JU
 Sample : 03246-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 11:50:42 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 Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	17616	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	12685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	24272	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	14583	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	15026	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5774	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1469	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	3013	0.054	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	22868	0.453	ng/ul	100
7) 2-Methylnaphthalene	12.420	142	6134	0.191	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	5071	0.152	ng/ul	99
10) Acenaphthylene	14.307	152	49442	0.832	ng/ul	99
11) Acenaphthene	14.649	153	12466	0.257	ng/ul	99
12) Fluorene	15.634	166	13952	0.250	ng/ul	99
15) Phenanthrene	17.376	178	354170	4.418	ng/ul	99
16) Anthracene	17.469	178	68574	0.962	ng/ul	100
19) Fluoranthene	19.396	202	989495	12.704	ng/ul	95
20) Pyrene	19.758	202	786959	9.714	ng/ul	95
21) Benzo(a)anthracene	21.514	228	381373	6.339	ng/ul	98
22) Chrysene	21.566	228	390499	6.238	ng/ul	98
24) Benzo(b)fluoranthene	23.241	252	581578m	9.068	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	215820m	3.351	ng/ul	
26) Benzo(a)pyrene	23.887	252	398194	7.149	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.574	276	320356	5.265	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.577	278	74009	1.607	ng/ul	94
29) Benzo(g,h,i)perylene	27.372	276	287711	5.316	ng/ul	94

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

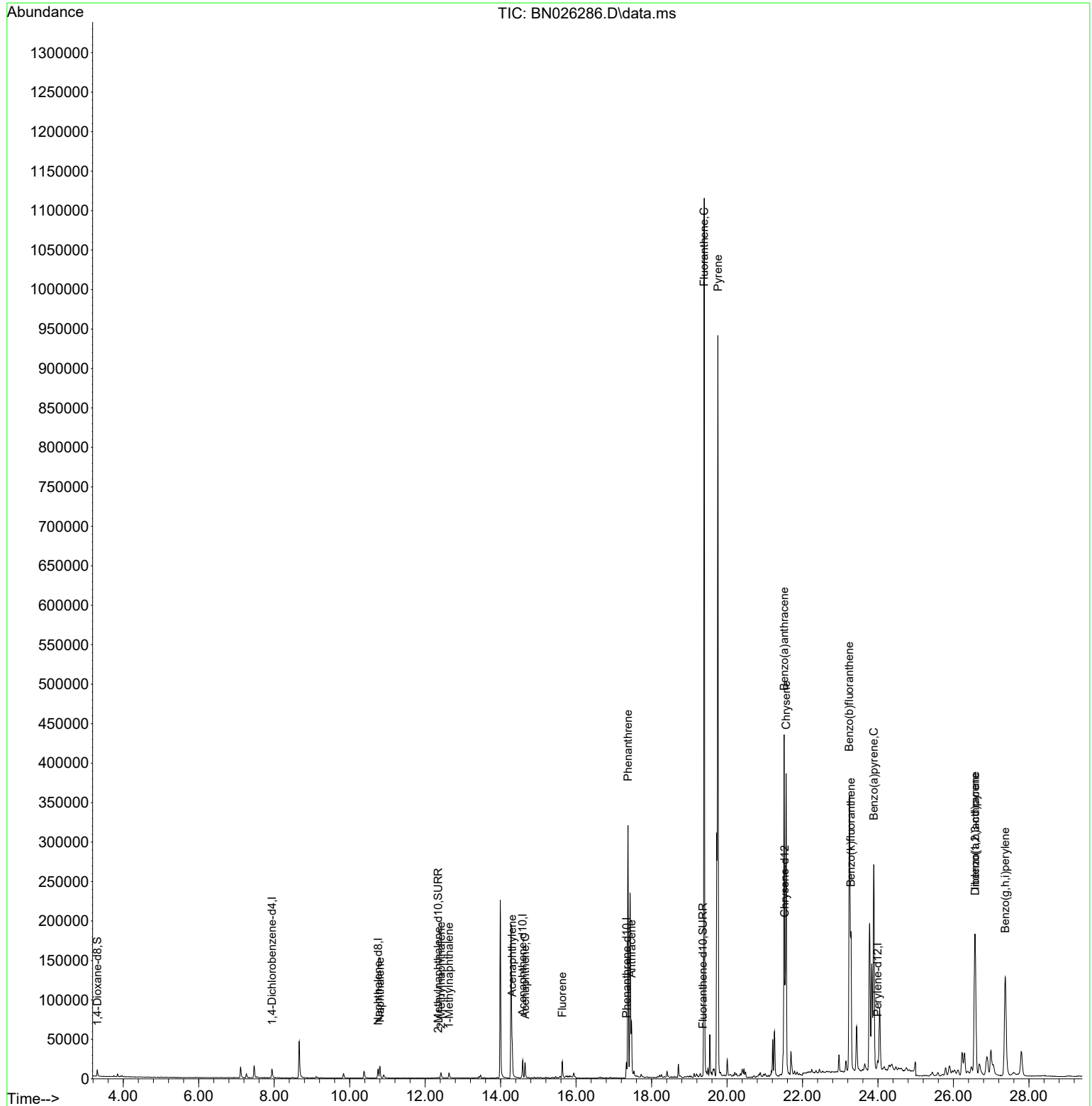
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026286.D
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ALS Vial : 6 Sample Multiplier: 1

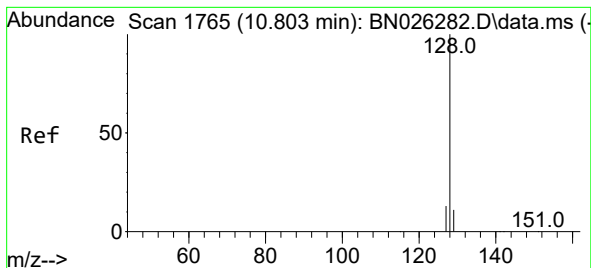
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Quant Time: Jul 05 11:50:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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#5

Naphthalene

Concen: 0.453 ng/ul

RT: 10.803 min Scan# 1765

Delta R.T. -0.005 min

Lab File: BN026286.D

Acq: 05 Jul 2023 11:10

Instrument :

BNA_N

ClientSampleId :

DCGK0DL

Tgt Ion:128 Resp: 2286

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

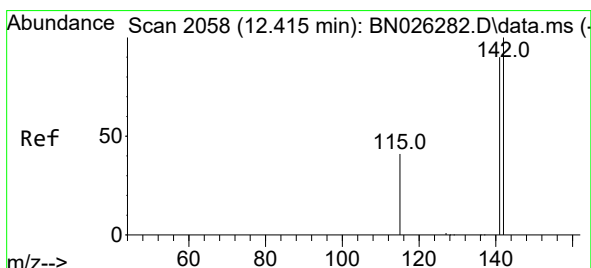
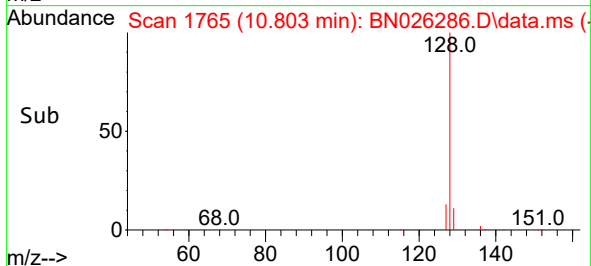
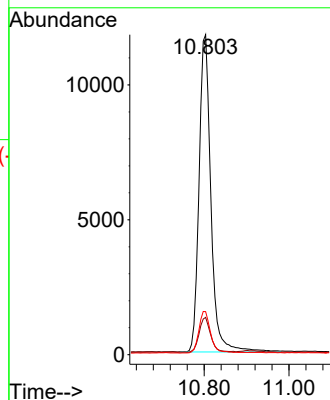
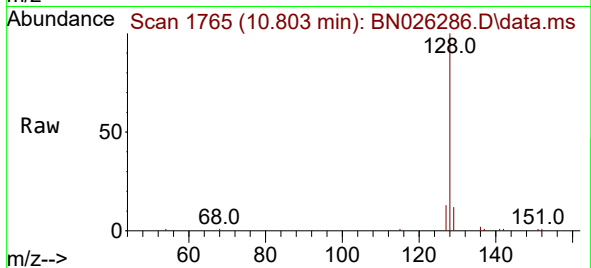
127 13.4 10.7 16.1

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Supervised By :Sohil Jodhani 07/05/2023



#7

2-Methylnaphthalene

Concen: 0.191 ng/ul

RT: 12.420 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BN026286.D

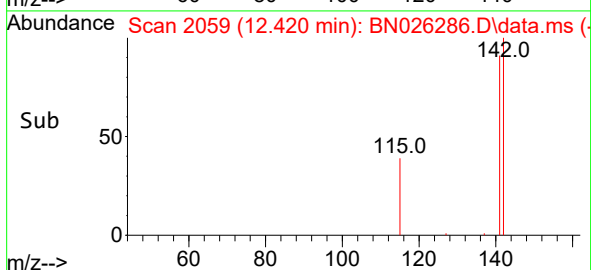
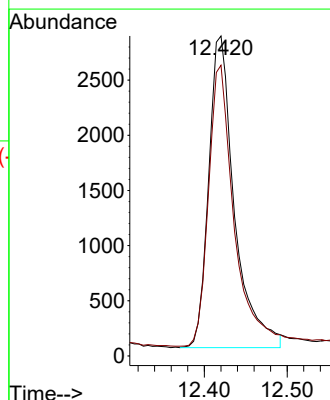
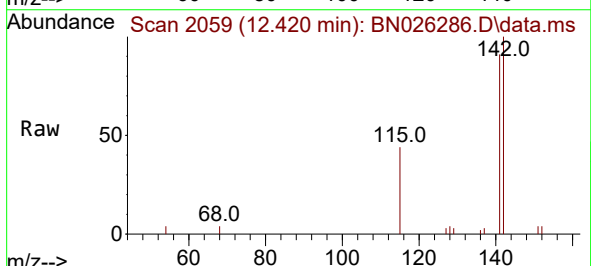
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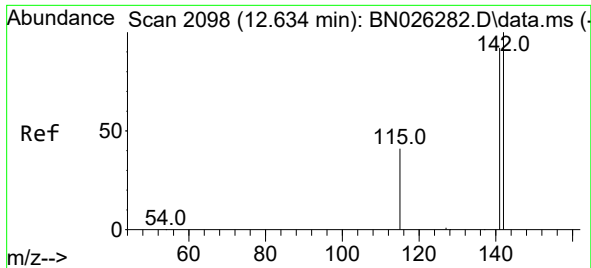
Tgt Ion:142 Resp: 6134

Ion Ratio Lower Upper

142 100

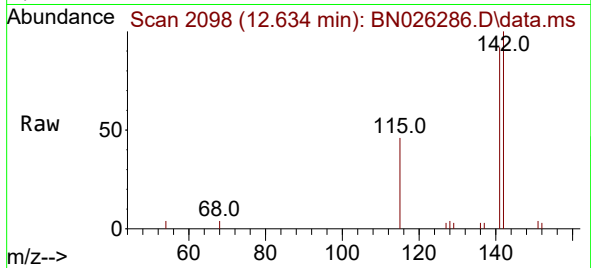
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

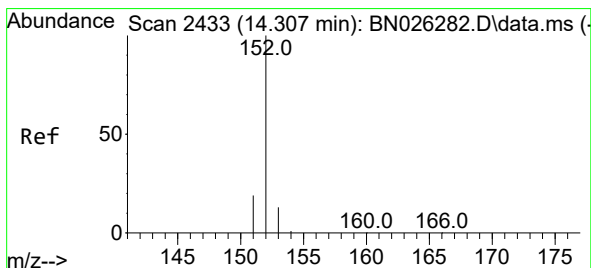
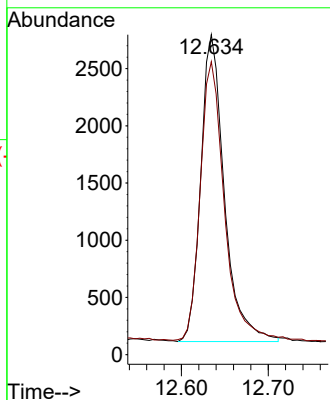
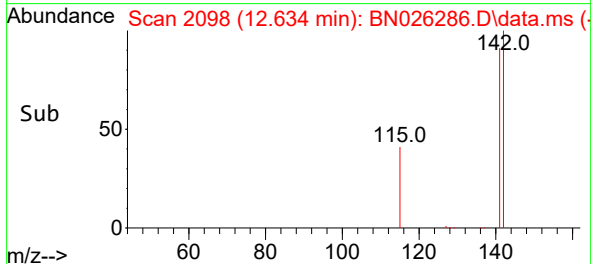
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 507
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4

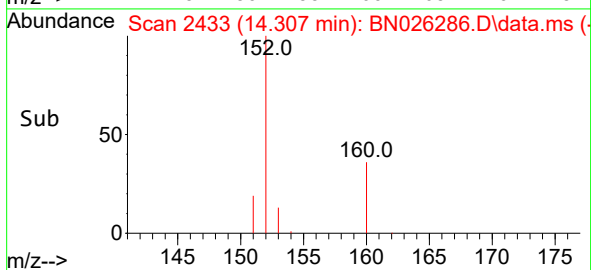
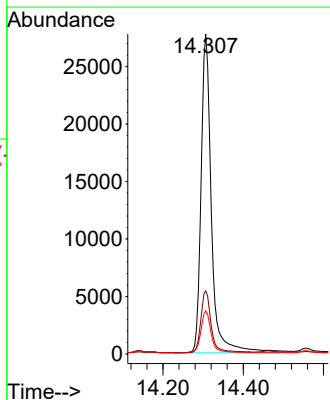
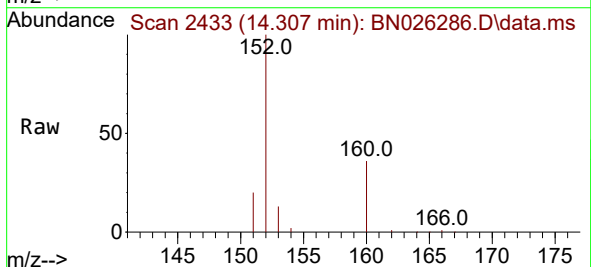
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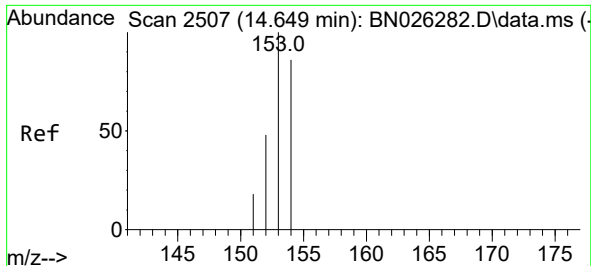
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.832 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

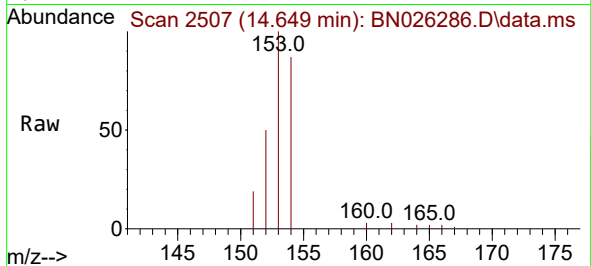
Tgt Ion:152 Resp: 49442
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.257 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

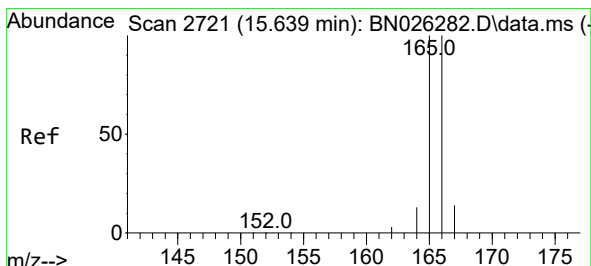
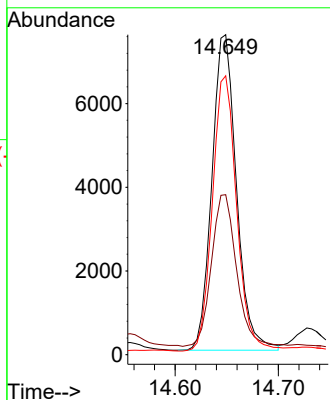
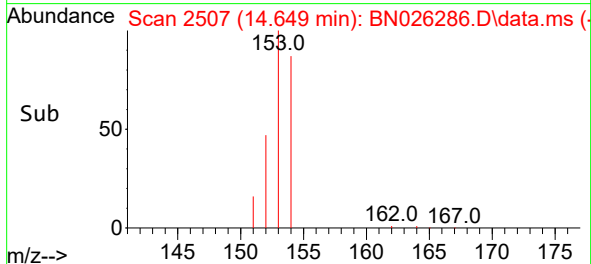
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 12460
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 87.2 68.9 103.3

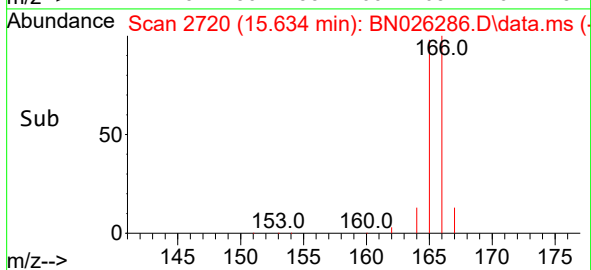
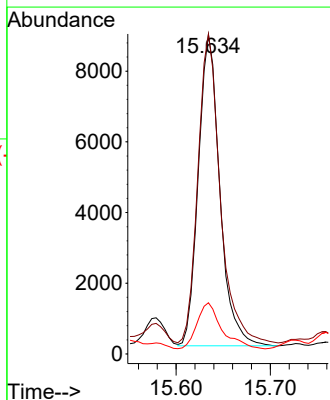
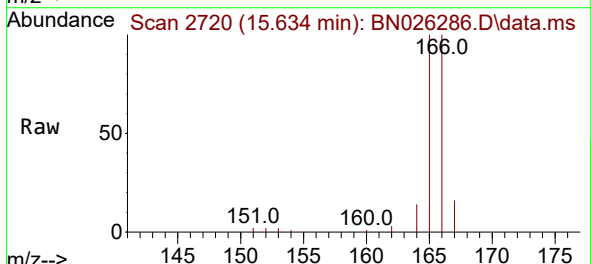
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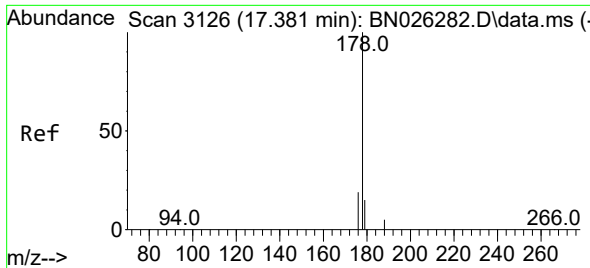
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#12
Fluorene
Concen: 0.250 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

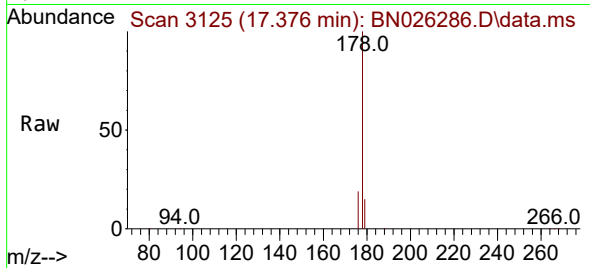
Tgt Ion:166 Resp: 13952
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 16.0 10.8 16.2





#15
Phenanthrene
Concen: 4.418 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

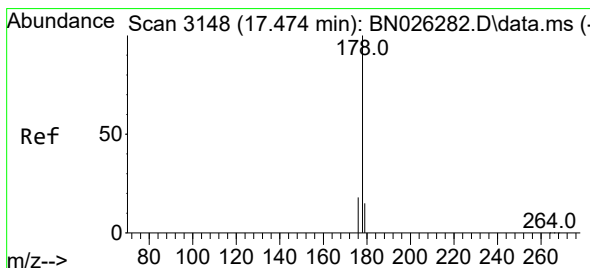
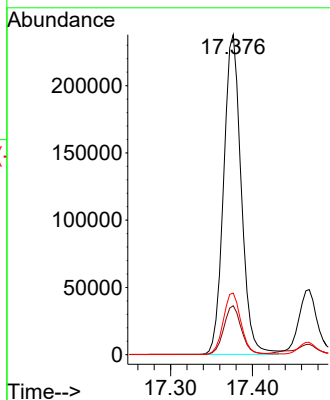
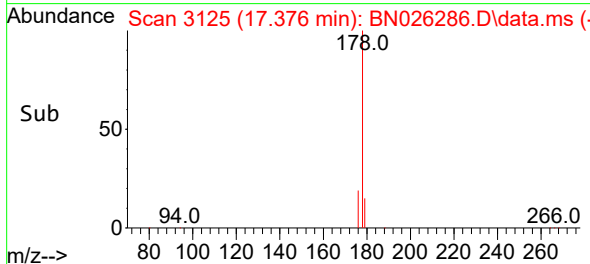
Instrument :
BNA_N
ClientSampleId :
DCGK0DL



Tgt Ion:178 Resp: 354170
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.3 15.8 23.6

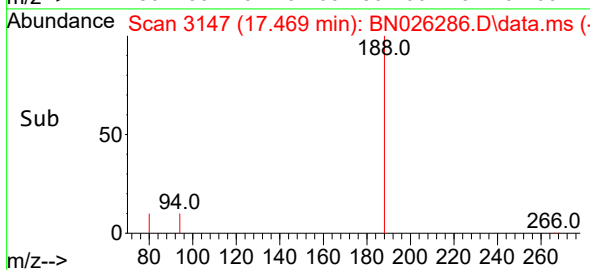
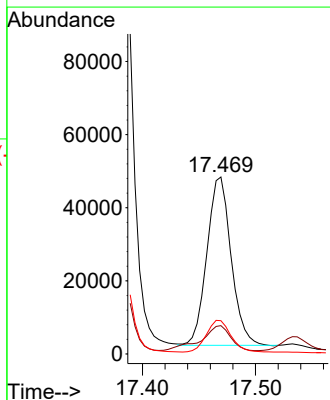
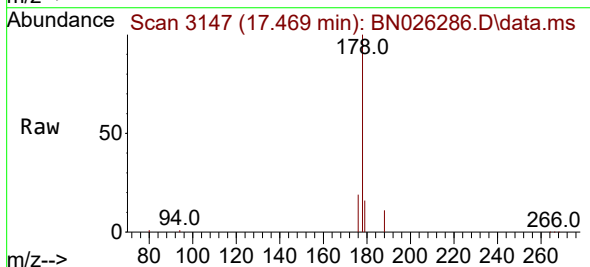
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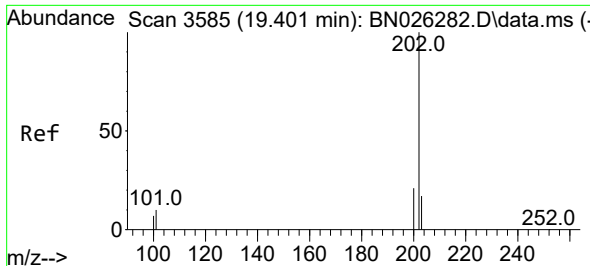
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.962 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

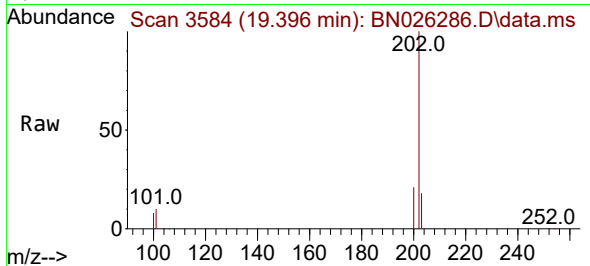
Tgt Ion:178 Resp: 68574
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 18.8 15.1 22.7





#19
Fluoranthene
Concen: 12.704 ng/ul
RT: 19.396 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

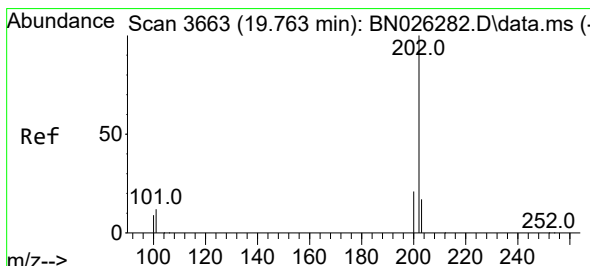
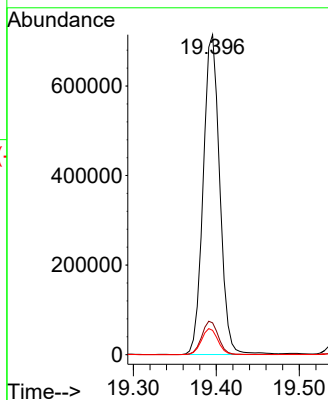
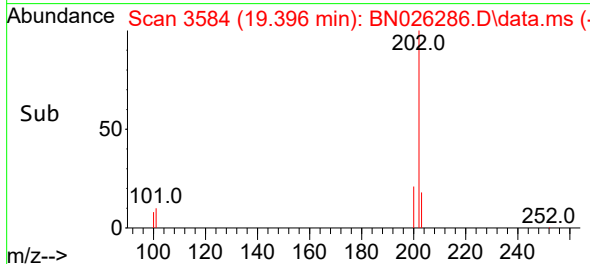
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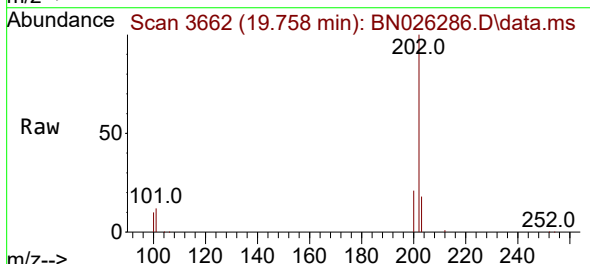
Tgt Ion:202 Resp: 989495
Ion Ratio Lower Upper
202 100
101 9.9 9.5 14.3
100 7.6 7.3 10.9

Manual Integrations
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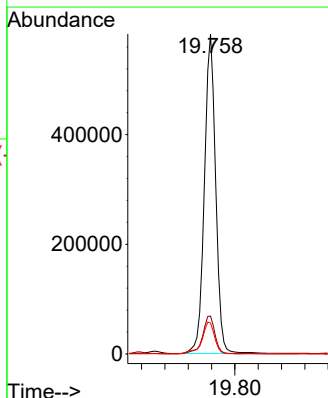
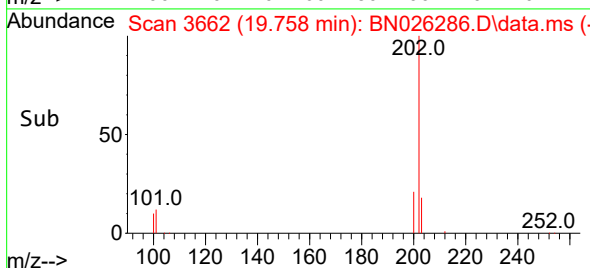
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

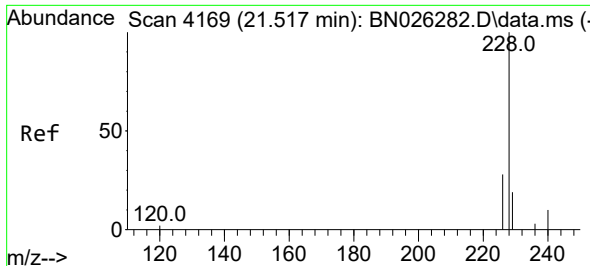


#20
Pyrene
Concen: 9.714 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10



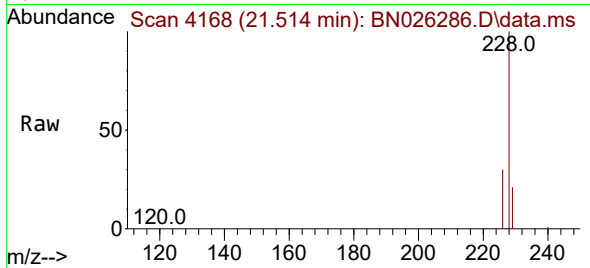
Tgt Ion:202 Resp: 786959
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 6.339 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

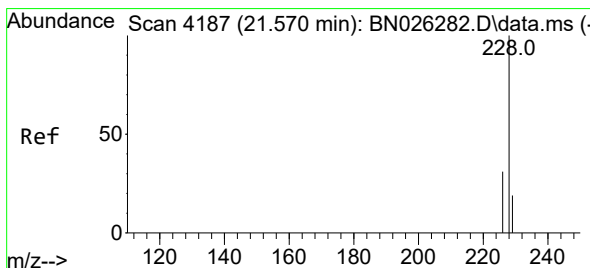
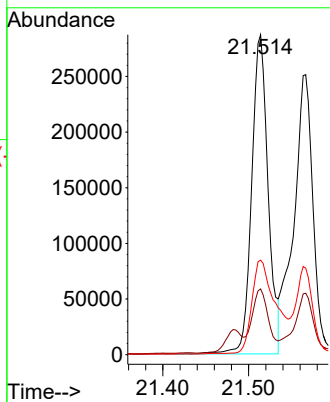
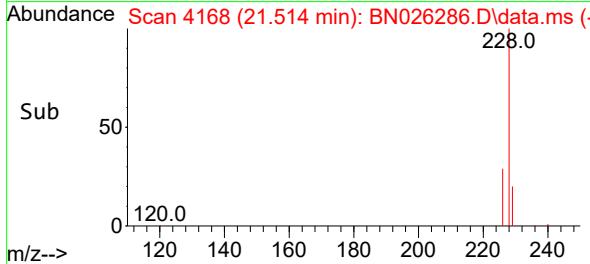
Instrument :
BNA_N
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DCGK0DL



Tgt Ion:228 Resp: 38137
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.6 22.5 33.7

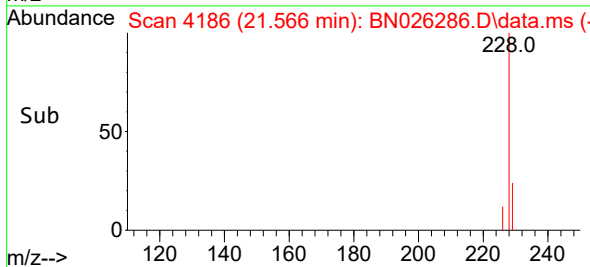
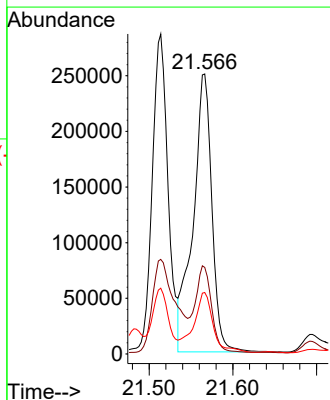
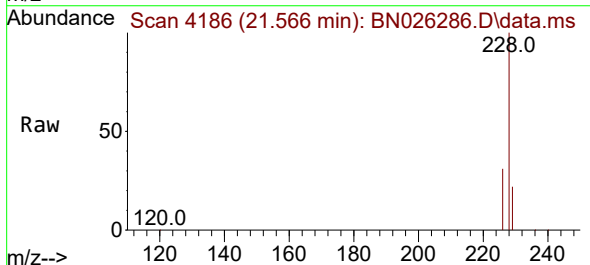
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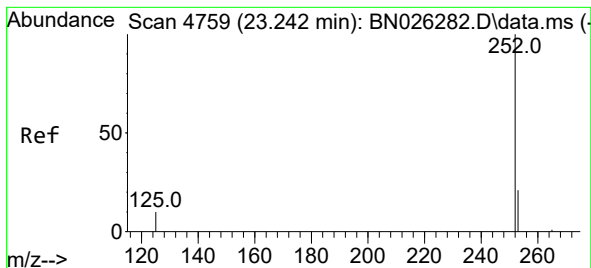
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#22
Chrysene
Concen: 6.238 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

Tgt Ion:228 Resp: 390499
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 9.068 ng/ul m

RT: 23.241 min Scan# 4759

Delta R.T. -0.004 min

Lab File: BN026286.D

Acq: 05 Jul 2023 11:10

Instrument :

BNA_N

ClientSampleId :

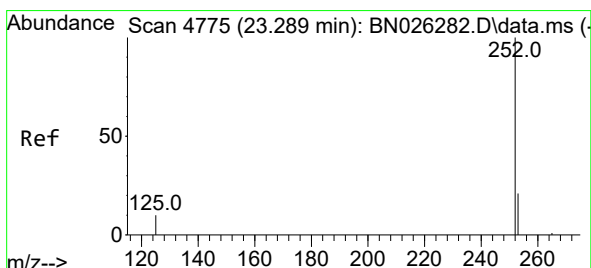
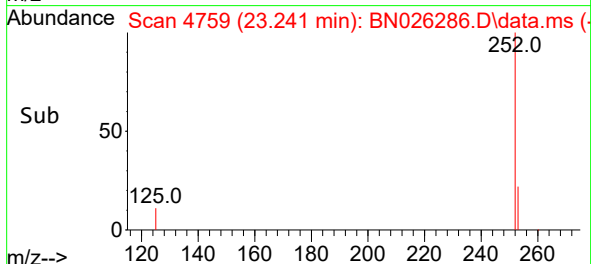
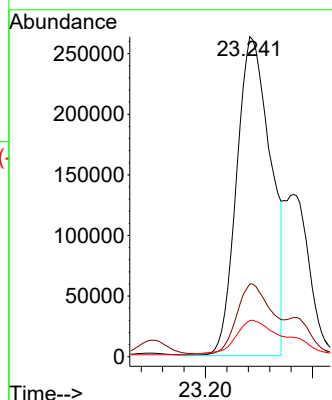
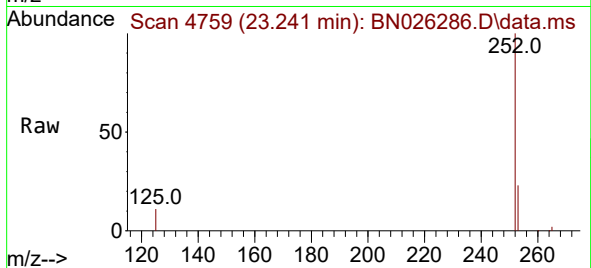
DCGK0DL

Tgt Ion:252 Resp: 581578
 Ion Ratio Lower Upper
 252 100
 253 22.7 0.0 55.6
 125 11.3 0.0 35.8

Manual Integrations

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 Supervised By :Sohil Jodhani 07/05/2023



#25

Benzo(k)fluoranthene

Concen: 3.351 ng/ul m

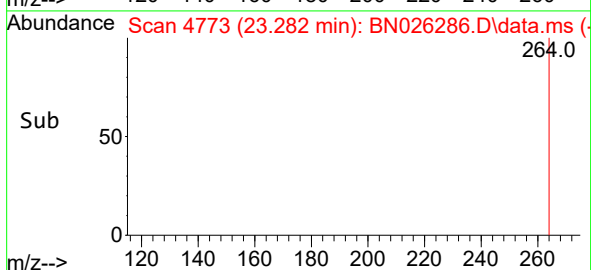
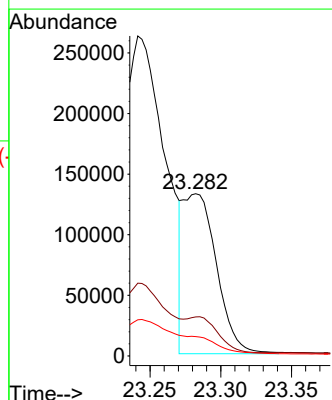
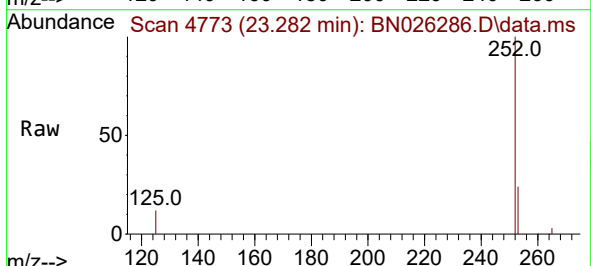
RT: 23.282 min Scan# 4773

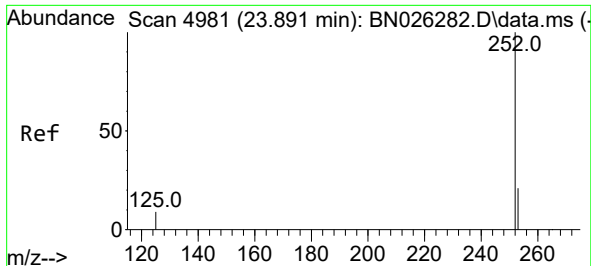
Delta R.T. -0.010 min

Lab File: BN026286.D

Acq: 05 Jul 2023 11:10

Tgt Ion:252 Resp: 215820
 Ion Ratio Lower Upper
 252 100
 253 24.1 23.2 34.8
 125 12.0 15.0 22.4#





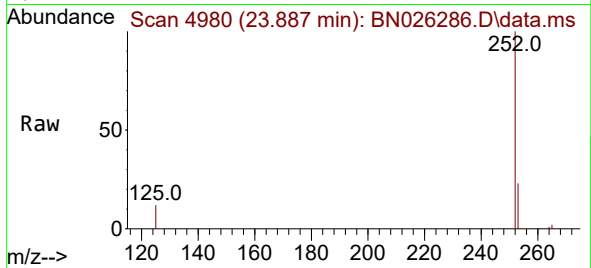
#26
Benzo(a)pyrene
Concen: 7.149 ng/ul
RT: 23.887 min Scan# 4981
Delta R.T. -0.001 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

Instrument :

BNA_N

ClientSampleId :

DCGK0DL

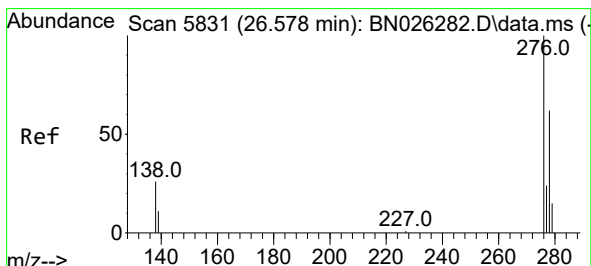
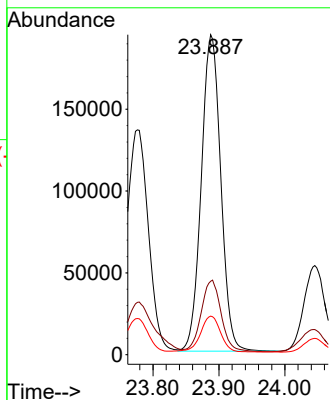
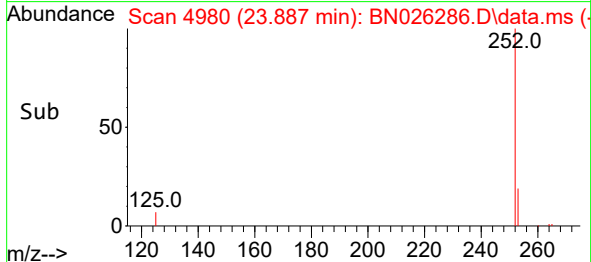


Tgt Ion:252 Resp: 398194
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 12.0 17.3 25.9#

Manual Integrations

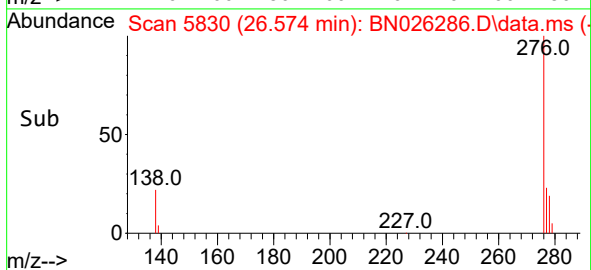
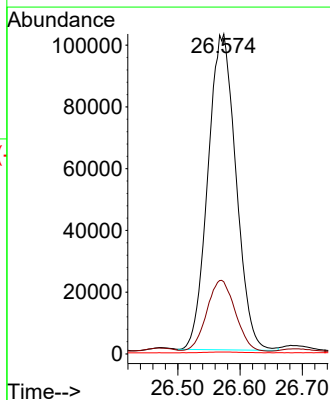
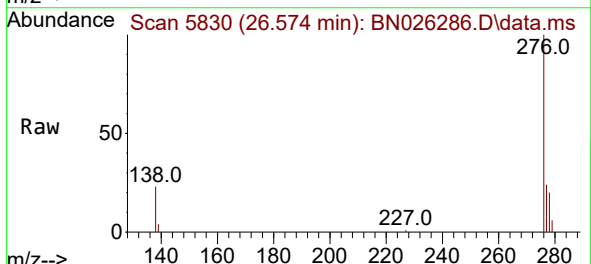
APPROVED

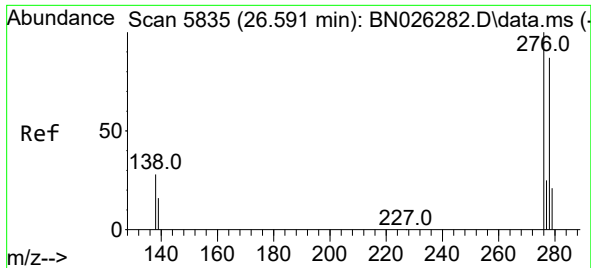
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.265 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.008 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

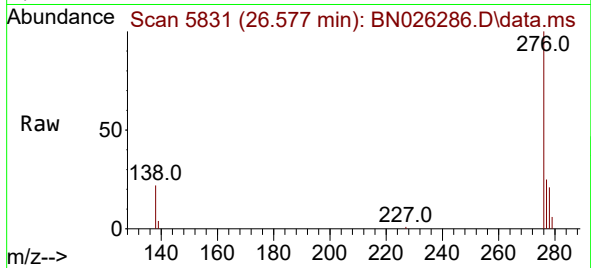
Tgt Ion:276 Resp: 320356
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.607 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.018 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10

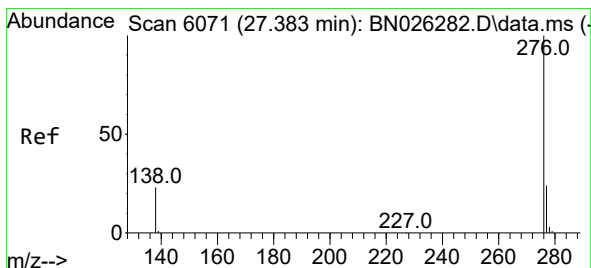
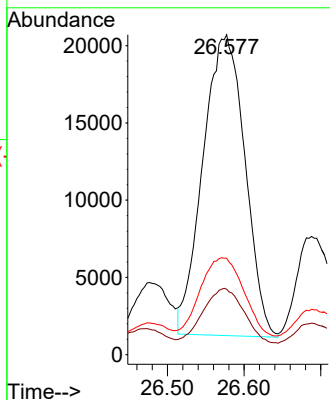
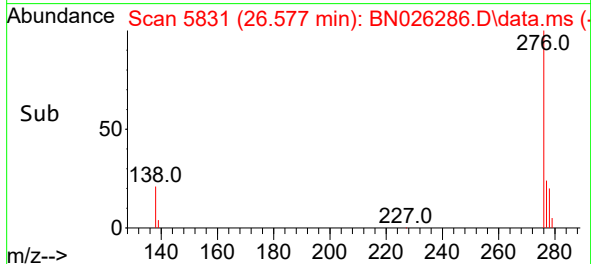
Instrument :
BNA_N
ClientSampleId :
DCGK0DL



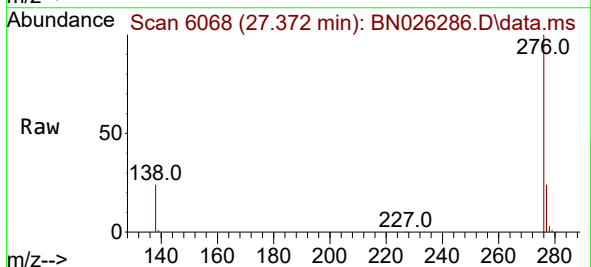
Tgt Ion:278 Resp: 74009
Ion Ratio Lower Upper
278 100
139 20.5 19.0 28.4
279 30.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 5.316 ng/ul
RT: 27.372 min Scan# 6068
Delta R.T. -0.008 min
Lab File: BN026286.D
Acq: 05 Jul 2023 11:10



Tgt Ion:276 Resp: 287711
Ion Ratio Lower Upper
276 100
138 24.1 23.4 35.0
277 24.2 20.0 30.0

