

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026176.D
 Acq On : 02 Jul 2023 06:38
 Operator : MA/JU
 Sample : 03245-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 07:14:49 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	28834	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	17330	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	34333	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	19515	0.400	ng/ul	#-0.01
23) Perylene-d12	23.993	264	20454	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	20417	1.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6602	0.149	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	12082	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	33737	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	20438	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	18739	0.344	ng/ul	100
10) Acenaphthylene	14.316	152	70576	0.870	ng/ul	99
11) Acenaphthene	14.658	153	21086	0.318	ng/ul	100
12) Fluorene	15.643	166	27347	0.359	ng/ul#	99
14) Pentachlorophenol	17.001	266	542	0.044	ng/ul	96
15) Phenanthrene	17.385	178	774524	6.830	ng/ul	99
16) Anthracene	17.478	178	134553	1.335	ng/ul	99
19) Fluoranthene	19.401	202	1816153	17.424	ng/ul	98
20) Pyrene	19.768	202	1415127	13.053	ng/ul	94
21) Benzo(a)anthracene	21.514	228	627658	7.796	ng/ul	98
22) Chrysene	21.567	228	719211	8.586	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	1060584m	12.149	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	366591m	4.182	ng/ul	
26) Benzo(a)pyrene	23.891	252	674543	8.896	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.571	276	552033	6.665	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.581	278	129812	2.071	ng/ul	94
29) Benzo(g,h,i)perylene	27.376	276	543689	7.380	ng/ul	93

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

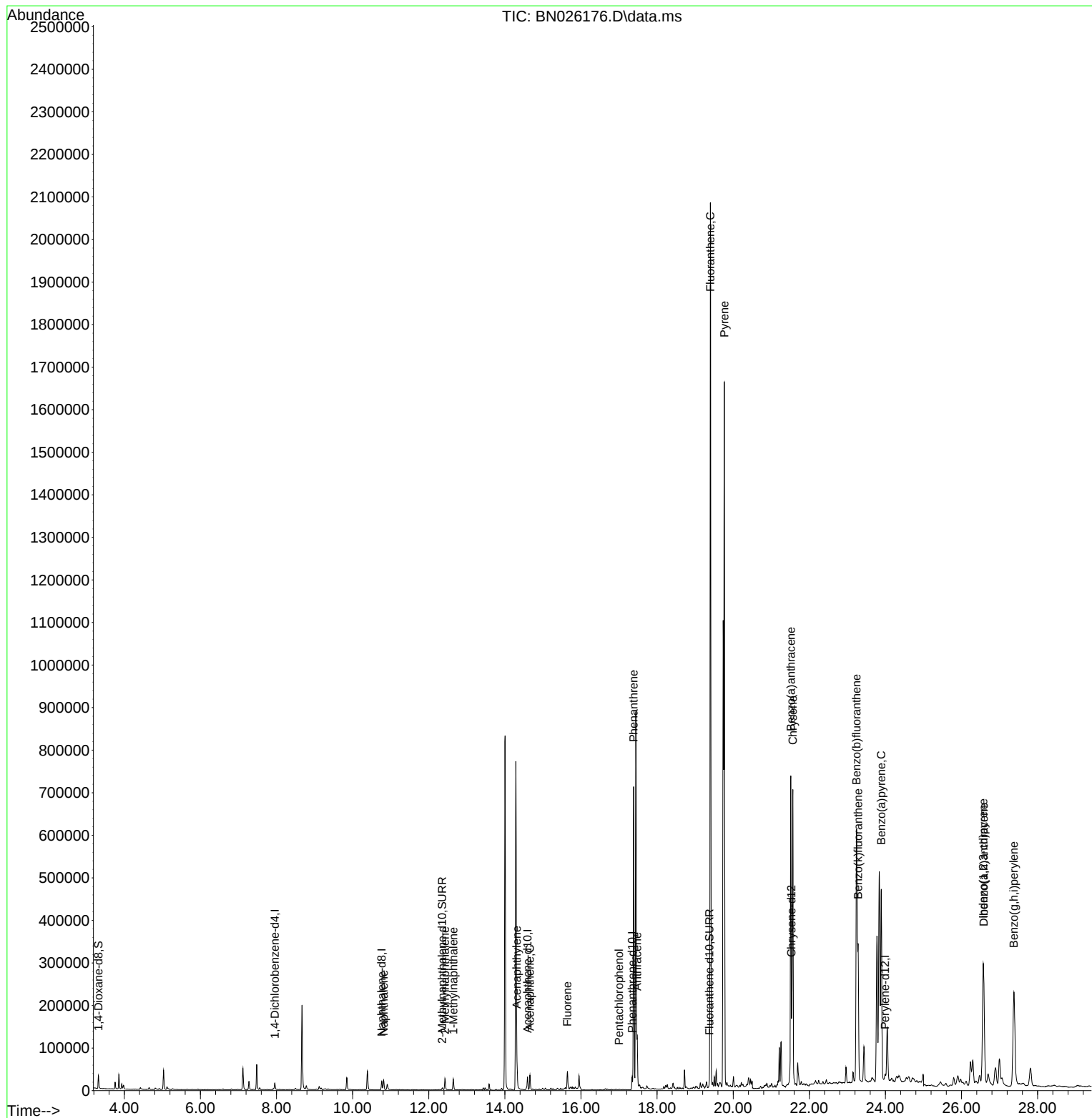
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026176.D
Acq On : 02 Jul 2023 06:38
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Sample : 03245-17
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ALS Vial : 33 Sample Multiplier: 1

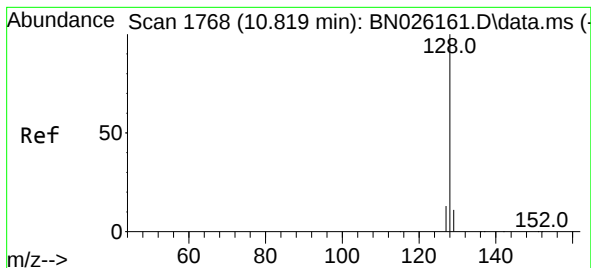
Instrument :
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Quant Time: Jul 02 07:14:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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#5

Naphthalene

Concen: 0.408 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

Instrument :

BNA_N

ClientSampleId :

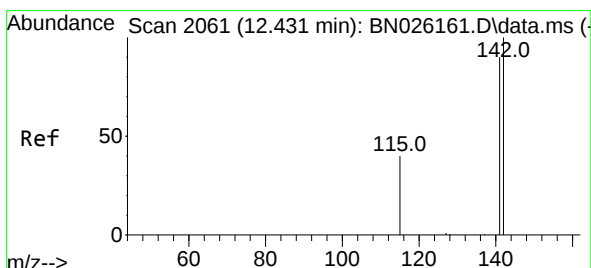
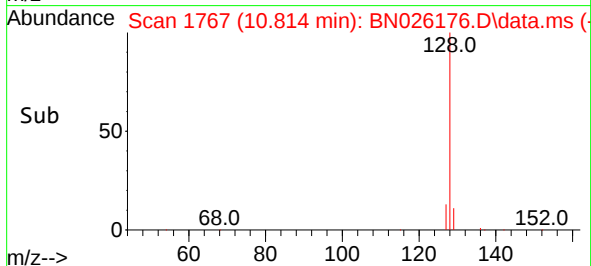
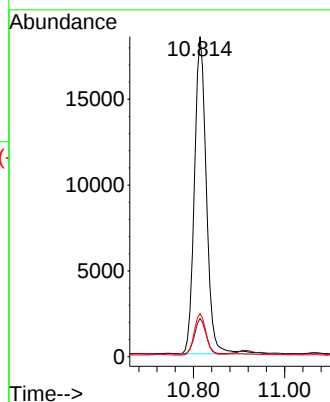
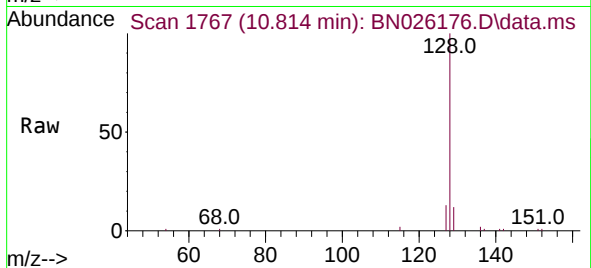
DCGH5

Tgt Ion:128	Resp:	3373
Ion Ratio	Lower	Upper
128	100	
129	12.0	9.1 13.7
127	13.5	10.7 16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.388 ng/ul

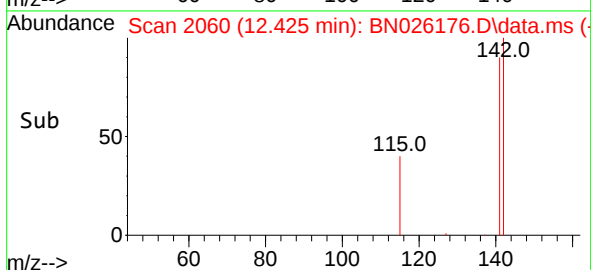
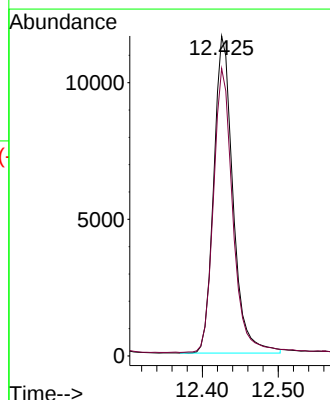
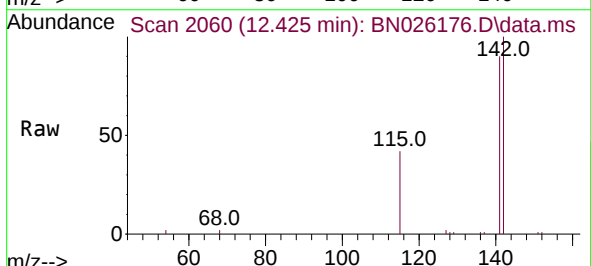
RT: 12.425 min Scan# 2060

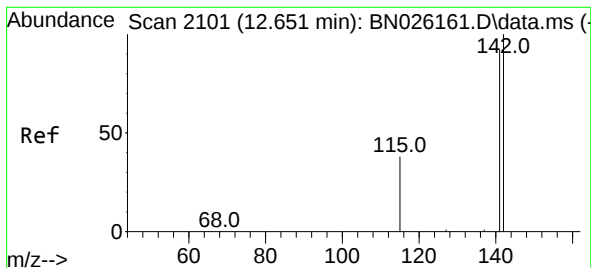
Delta R.T. -0.011 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

Tgt Ion:142	Resp:	20438
Ion Ratio	Lower	Upper
142	100	
141	89.5	71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.344 ng/ul

RT: 12.645 min Scan# 2100

Delta R.T. -0.005 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

Instrument :

BNA_N

ClientSampleId :

DCGH5

Tgt Ion:142 Resp: 18739

Ion Ratio Lower Upper

142 100

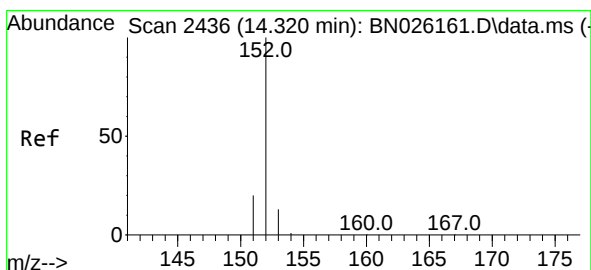
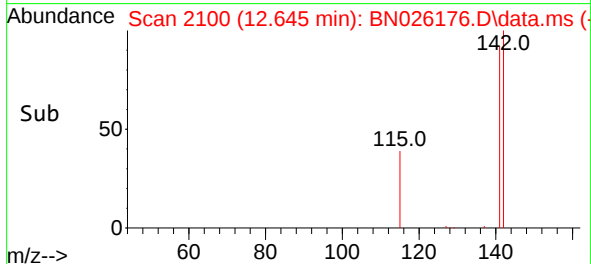
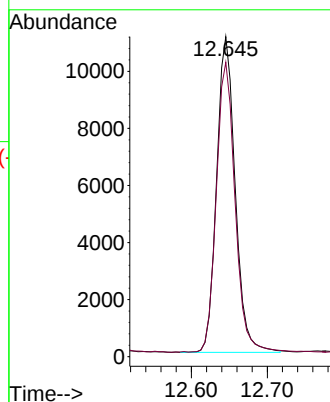
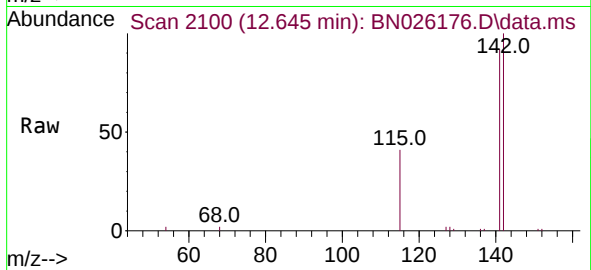
141 92.6 74.2 111.4

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#10

Acenaphthylene

Concen: 0.870 ng/ul

RT: 14.316 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

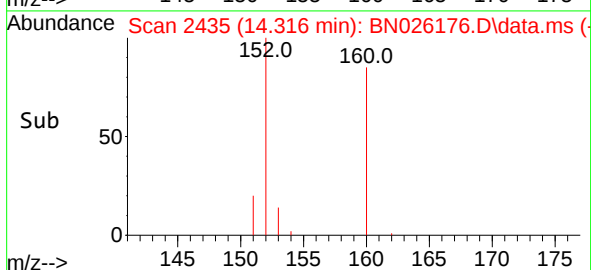
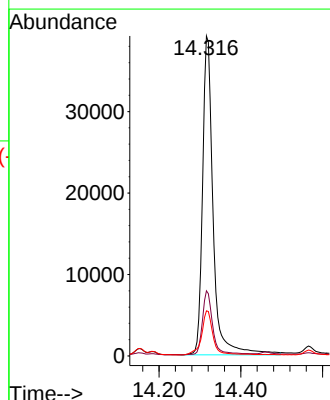
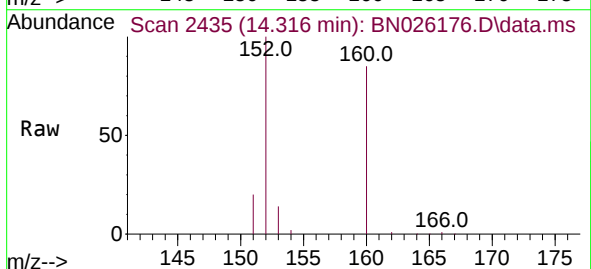
Tgt Ion:152 Resp: 70576

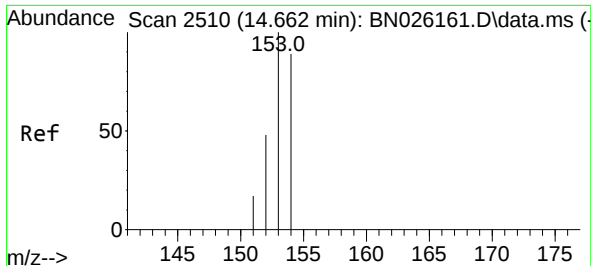
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

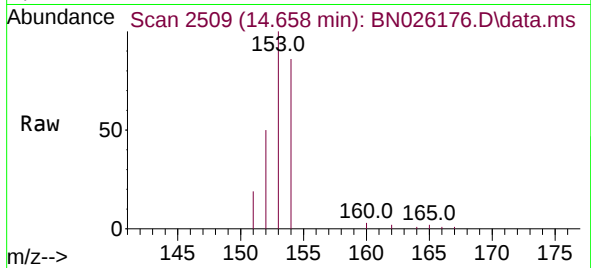
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.658 min Scan# 2108
Delta R.T. -0.010 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

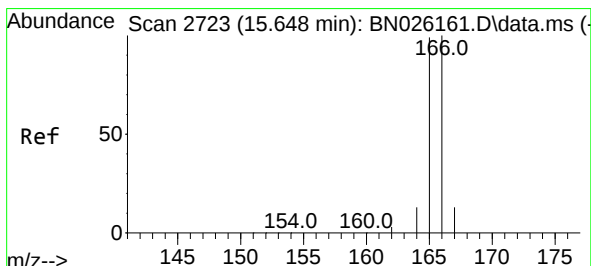
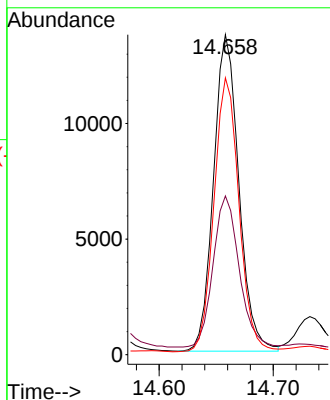
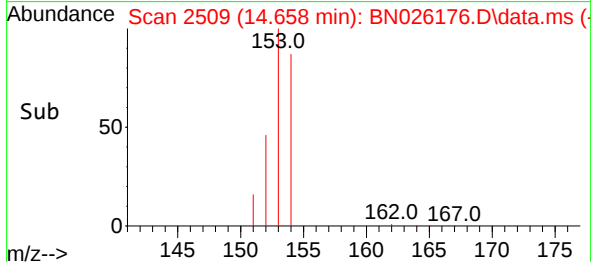
Instrument :
BNA_N
ClientSampleId :
DCGH5



Tgt Ion:153 Resp: 2108
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 86.5 68.9 103.3

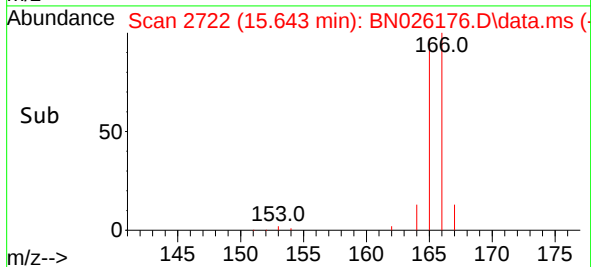
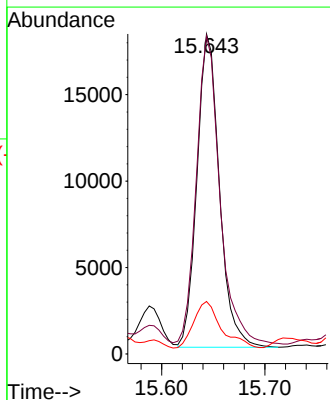
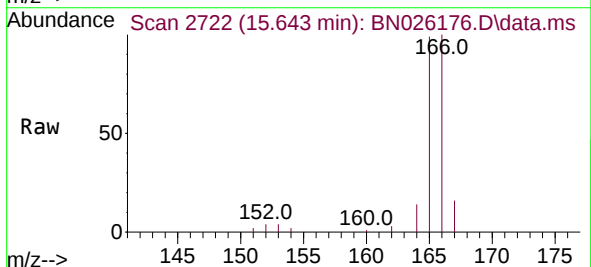
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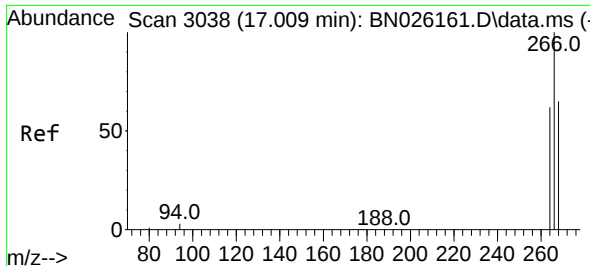
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

Tgt Ion:166 Resp: 27347
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 16.4 10.8 16.2#





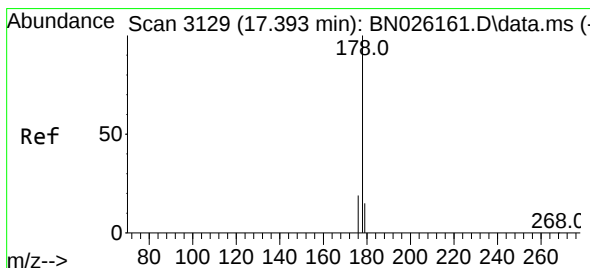
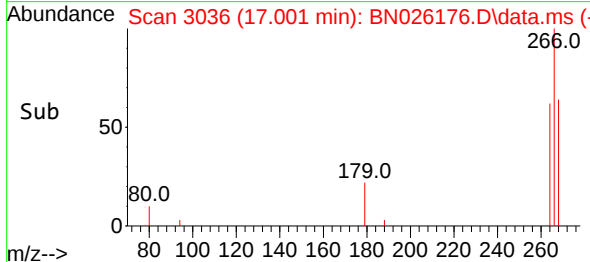
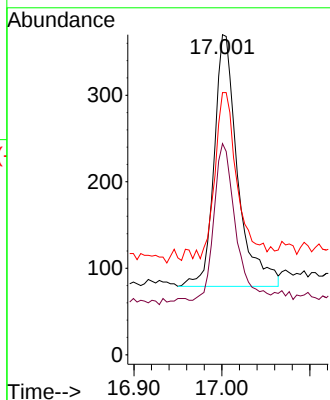
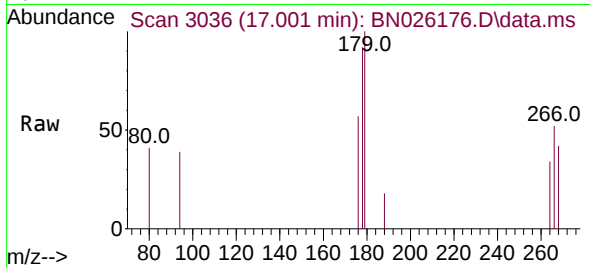
#14
Pentachlorophenol
Concen: 0.044 ng/u1
RT: 17.001 min Scan# 3038
Delta R.T. -0.009 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

Instrument :
BNA_N
ClientSampleId :
DCGH5

Tgt Ion:266 Resp: 542
Ion Ratio Lower Upper
266 100
264 56.8 50.5 75.7
268 64.4 51.6 77.4

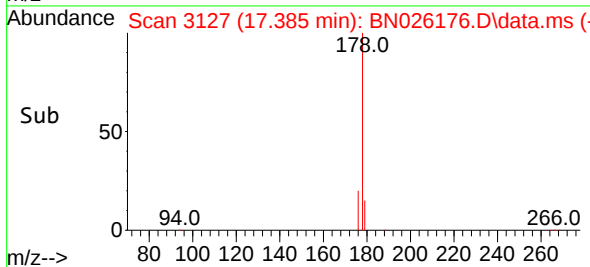
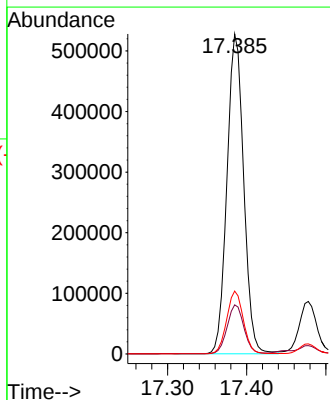
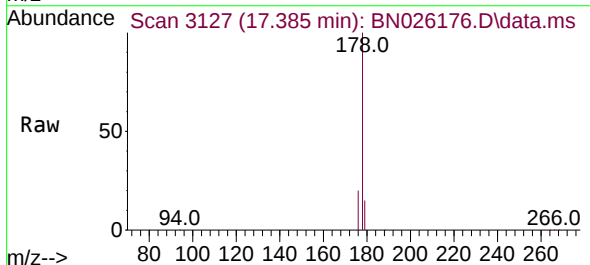
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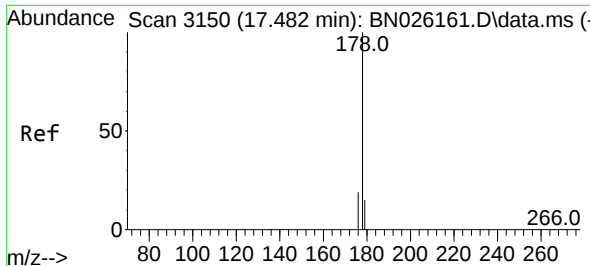
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#15
Phenanthrene
Concen: 6.830 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

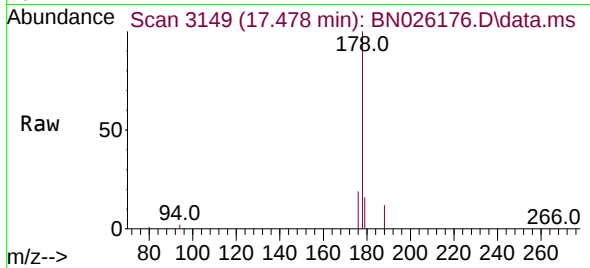
Tgt Ion:178 Resp: 774524
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 1.335 ng/ul
 RT: 17.478 min Scan# 3150
 Delta R.T. -0.009 min
 Lab File: BN026176.D
 Acq: 02 Jul 2023 06:38

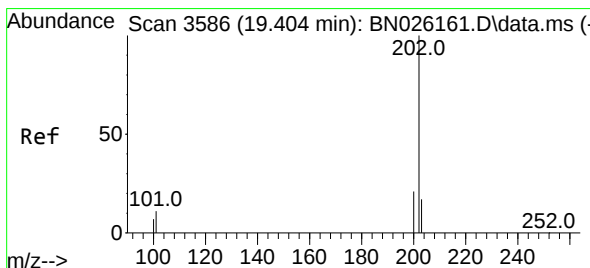
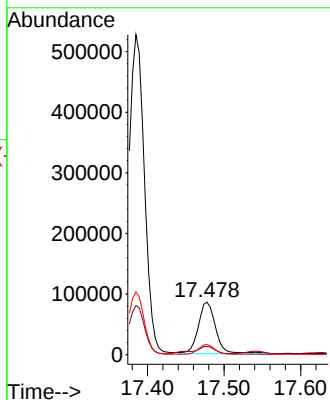
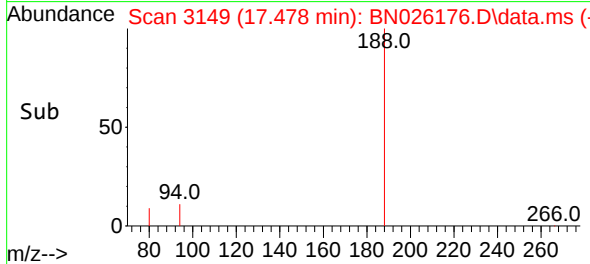
Instrument :
 BNA_N
 ClientSampleId :
 DCGH5



Tgt Ion:178 Resp: 134553
 Ion Ratio Lower Upper
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 179 15.9 12.6 18.8
 176 19.1 15.1 22.7

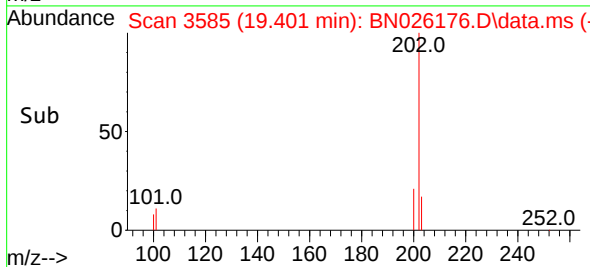
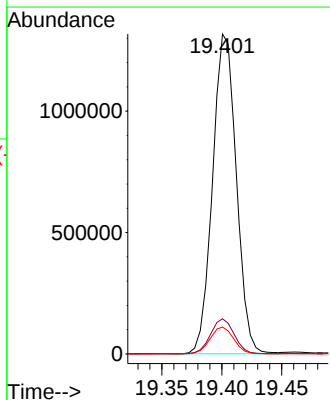
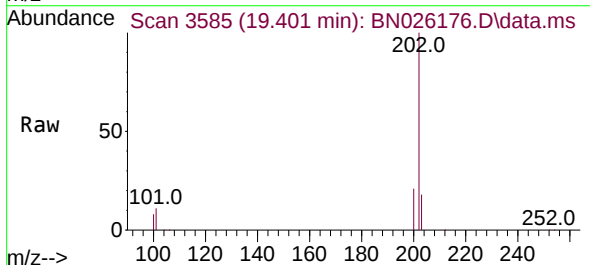
Manual Integrations
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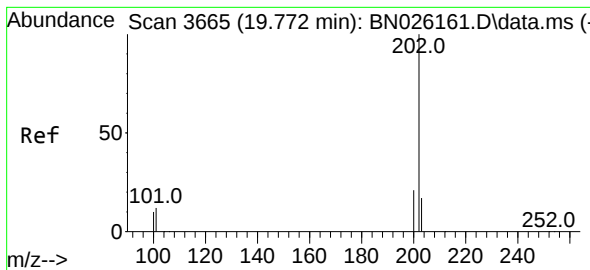
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 17.424 ng/ul
 RT: 19.401 min Scan# 3585
 Delta R.T. -0.010 min
 Lab File: BN026176.D
 Acq: 02 Jul 2023 06:38

Tgt Ion:202 Resp: 1816153
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.5 14.3
 100 8.4 7.3 10.9





#20

Pyrene

Concen: 13.053 ng/ul

RT: 19.768 min Scan# 3664

Delta R.T. -0.005 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

Instrument :

BNA_N

ClientSampleId :

DCGH5

Tgt Ion:202 Resp: 141512

Ion Ratio Lower Upper

202 100

101 11.7 11.4 17.0

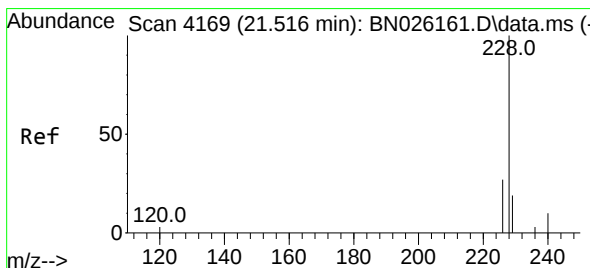
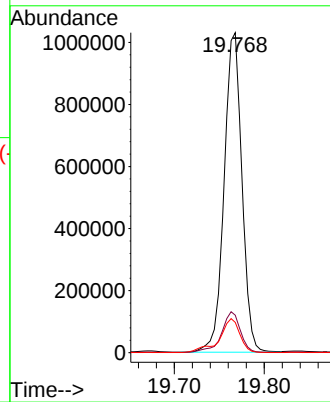
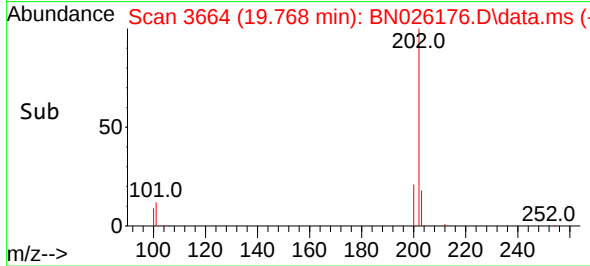
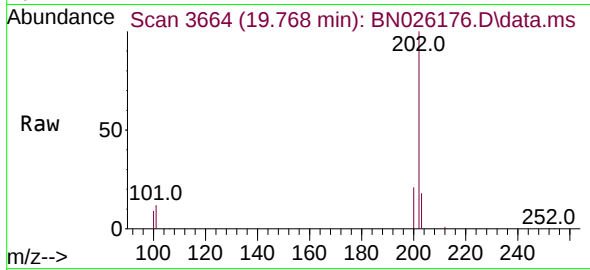
100 9.5 9.1 13.7

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#21

Benzo(a)anthracene

Concen: 7.796 ng/ul

RT: 21.514 min Scan# 4168

Delta R.T. -0.012 min

Lab File: BN026176.D

Acq: 02 Jul 2023 06:38

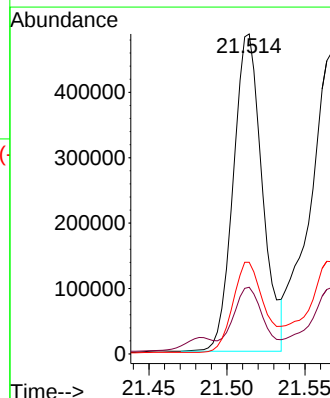
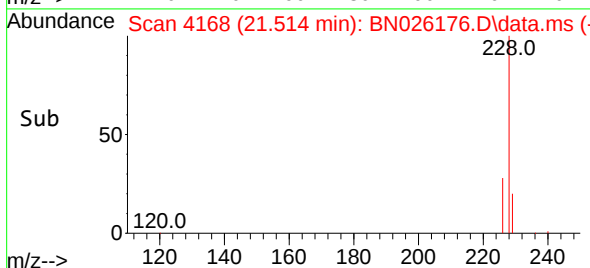
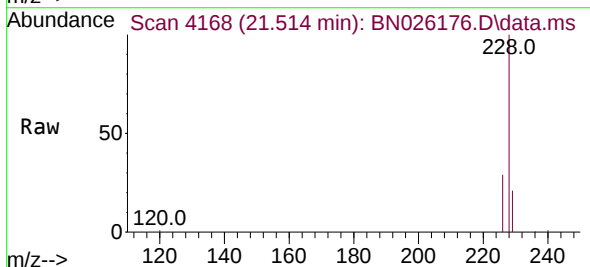
Tgt Ion:228 Resp: 627658

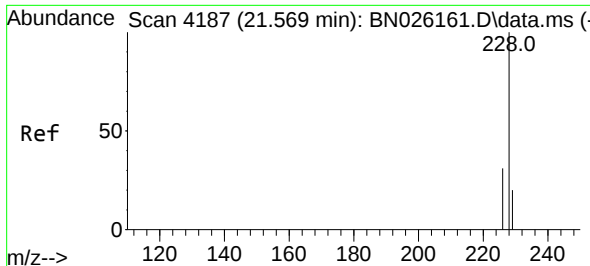
Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

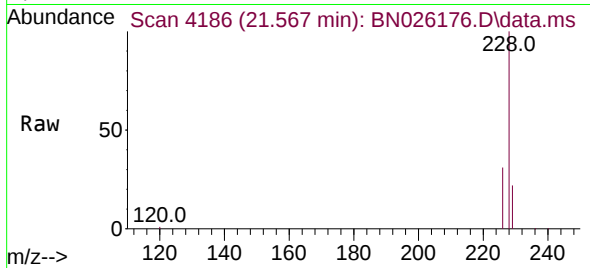
226 28.6 22.5 33.7





#22
Chrysene
Concen: 8.586 ng/ul
RT: 21.567 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

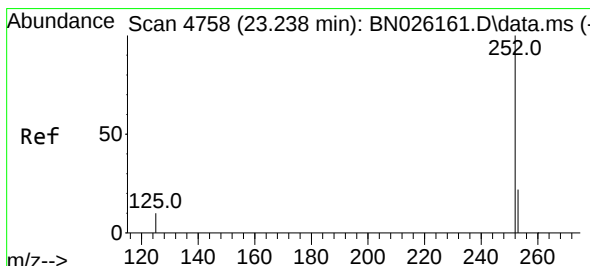
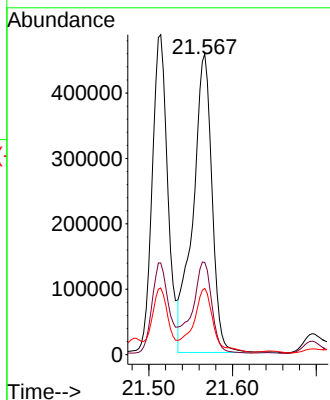
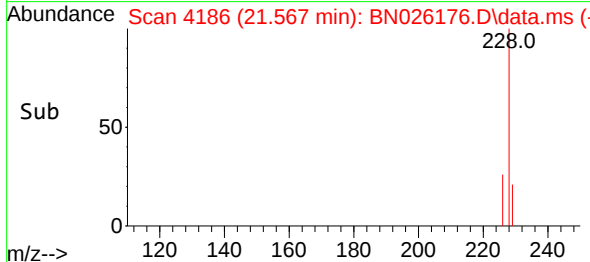
Instrument :
BNA_N
ClientSampleId :
DCGH5



Tgt Ion:228 Resp: 71921
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.0 15.7 23.5

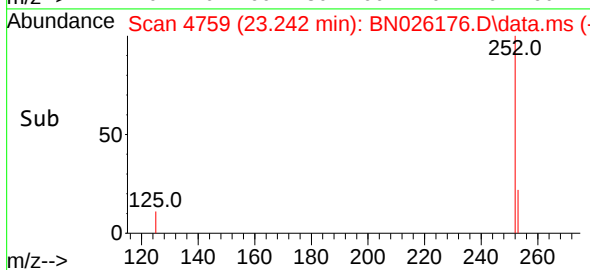
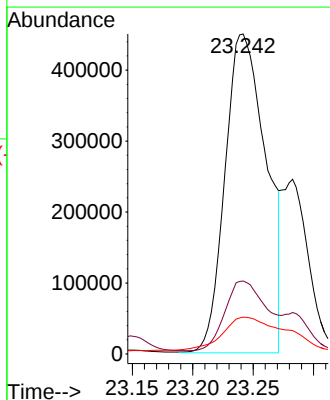
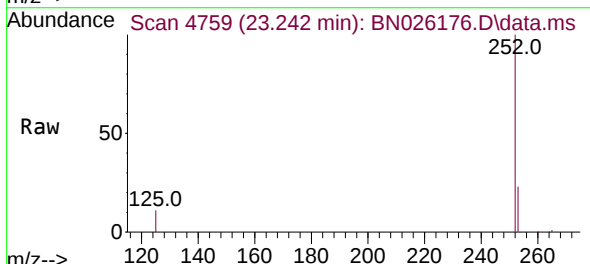
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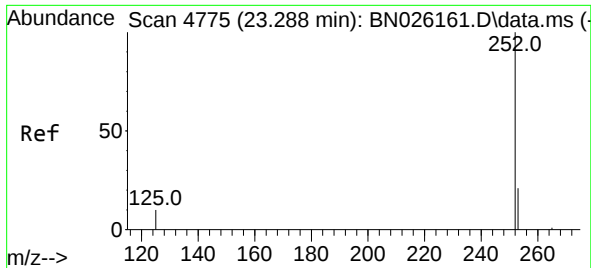
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#24
Benzo(b)fluoranthene
Concen: 12.149 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.001 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

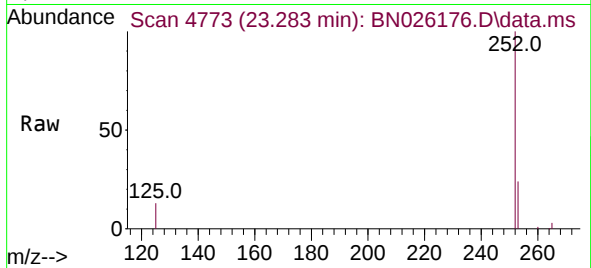
Tgt Ion:252 Resp: 1060584
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 11.5 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 4.182 ng/ul m
RT: 23.283 min Scan# 4775
Delta R.T. -0.010 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

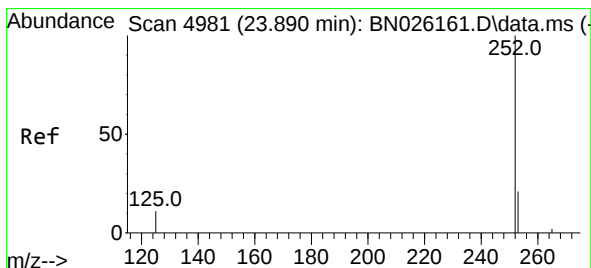
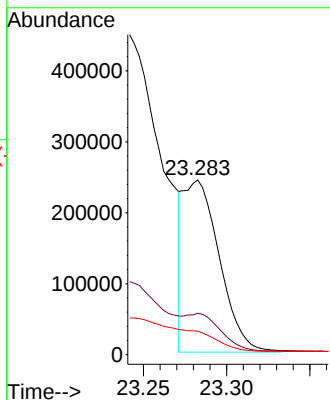
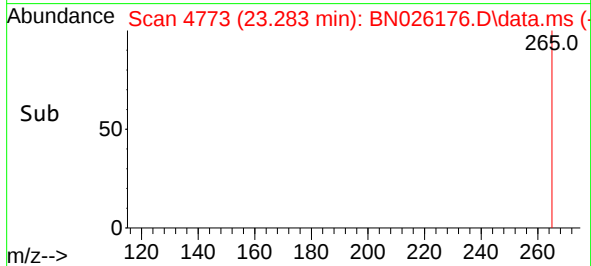
Instrument :
BNA_N
ClientSampleId :
DCGH5



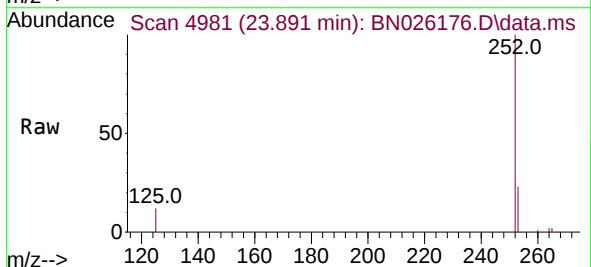
Tgt Ion:252 Resp: 36659
Ion Ratio Lower Upper
252 100
253 23.7 23.2 34.8
125 13.4 15.0 22.4

Manual Integrations
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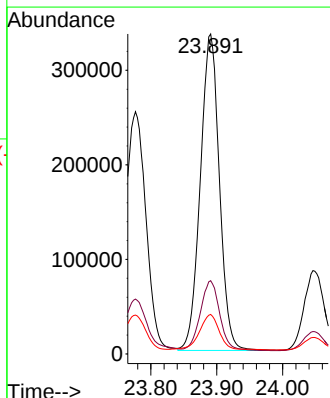
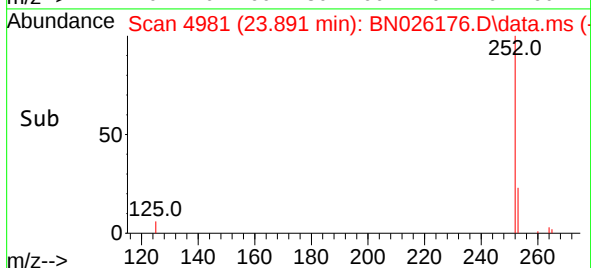
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

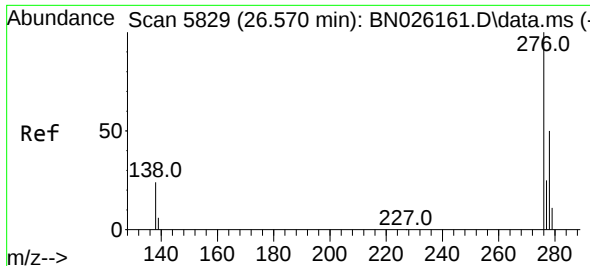


#26
Benzo(a)pyrene
Concen: 8.896 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. 0.005 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38



Tgt Ion:252 Resp: 674543
Ion Ratio Lower Upper
252 100
253 22.9 26.0 39.0#
125 12.4 17.3 25.9#





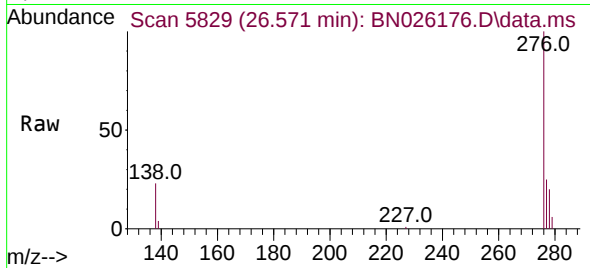
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.665 ng/ul
 RT: 26.571 min Scan# 5829
 Delta R.T. 0.013 min
 Lab File: BN026176.D
 Acq: 02 Jul 2023 06:38

Instrument :

BNA_N

ClientSampleId :

DCGH5

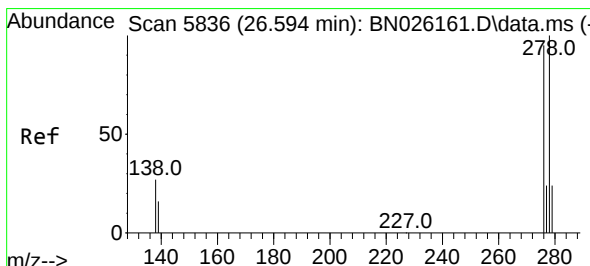
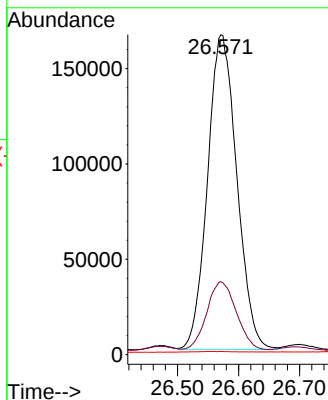
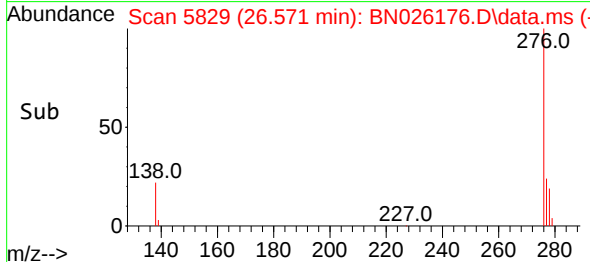


Tgt Ion:276 Resp: 552033
 Ion Ratio Lower Upper
 276 100
 138 21.9 24.5 36.7
 227 0.0 0.0 0.0

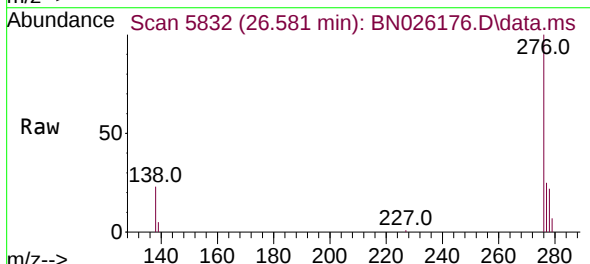
Manual Integrations

APPROVED

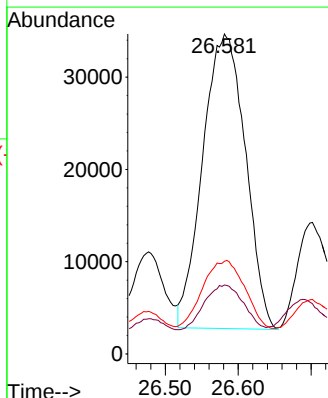
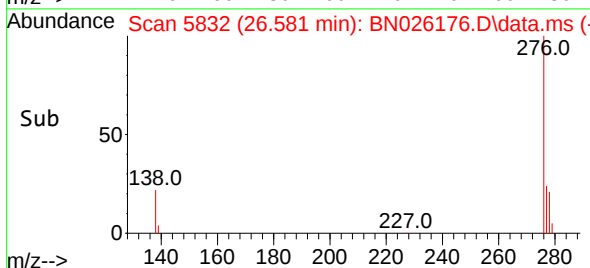
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

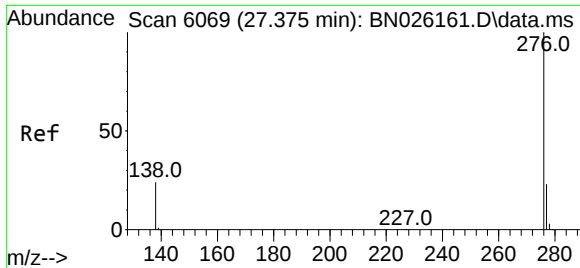


#28
 Dibenzo(a,h)anthracene
 Concen: 2.071 ng/ul
 RT: 26.581 min Scan# 5832
 Delta R.T. 0.003 min
 Lab File: BN026176.D
 Acq: 02 Jul 2023 06:38



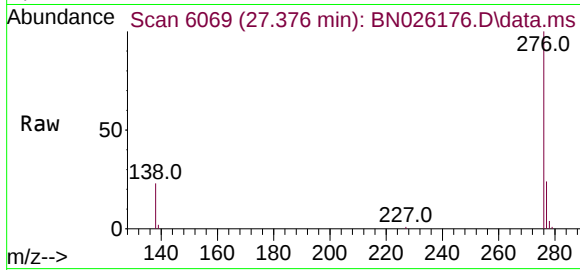
Tgt Ion:278 Resp: 129812
 Ion Ratio Lower Upper
 278 100
 139 21.5 19.0 28.4
 279 29.0 26.7 40.1





#29
Benzo(g,h,i)perylene
Concen: 7.380 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. 0.029 min
Lab File: BN026176.D
Acq: 02 Jul 2023 06:38

Instrument :
BNA_N
ClientSampleId :
DCGH5



Tgt Ion:276 Resp: 543689
Ion Ratio Lower Upper
276 100
138 23.4 23.4 35.0
277 24.2 20.0 30.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

