

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026175.D
 Acq On : 02 Jul 2023 06:02
 Operator : MA/JU
 Sample : 03245-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH4

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 06:34:52 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	8334	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	26730	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	16083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	33279	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	18619	0.400	ng/ul	#-0.01
23) Perylene-d12	23.980	264	17612	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	14746	1.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	4528	0.110	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	8991	0.127	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.813	128	21151	0.276	ng/ul	98
7) 2-Methylnaphthalene	12.430	142	11097	0.227	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	8761	0.173	ng/ul	100
10) Acenaphthylene	14.320	152	15161	0.201	ng/ul	97
11) Acenaphthene	14.658	153	23125	0.375	ng/ul	100
12) Fluorene	15.643	166	19254	0.273	ng/ul#	99
15) Phenanthrene	17.384	178	509813	4.638	ng/ul	99
16) Anthracene	17.477	178	90991	0.931	ng/ul	100
19) Fluoranthene	19.404	202	1099856	11.060	ng/ul	96
20) Pyrene	19.767	202	857097	8.286	ng/ul	95
21) Benzo(a)anthracene	21.513	228	405143	5.275	ng/ul	99
22) Chrysene	21.569	228	406465	5.086	ng/ul	97
24) Benzo(b)fluoranthene	23.235	252	541084m	7.198	ng/ul	
25) Benzo(k)fluoranthene	23.273	252	192598m	2.551	ng/ul	
26) Benzo(a)pyrene	23.872	252	326118	4.995	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.540	276	263685	3.698	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.546	278	63338	1.174	ng/ul	97
29) Benzo(g,h,i)perylene	27.335	276	246705	3.889	ng/ul	94

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

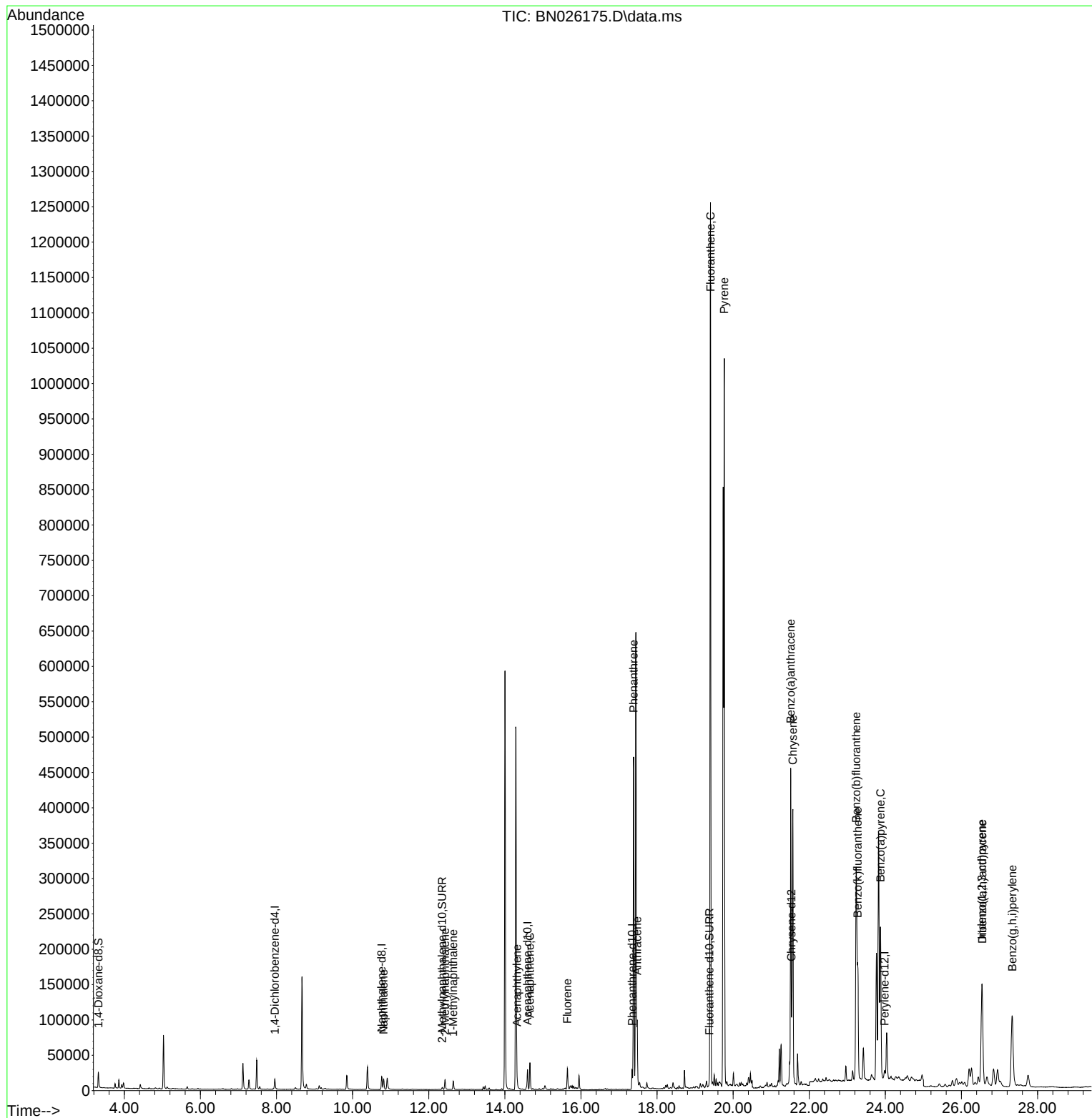
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026175.D
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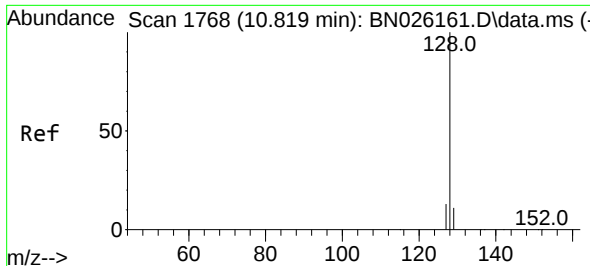
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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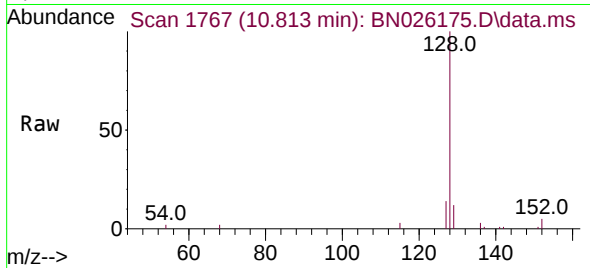
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.276 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

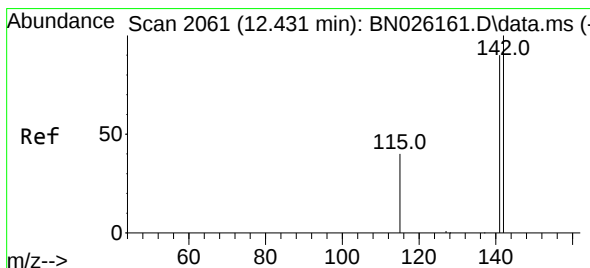
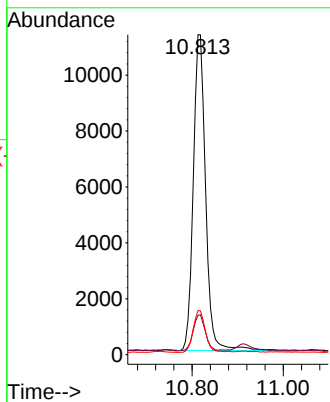
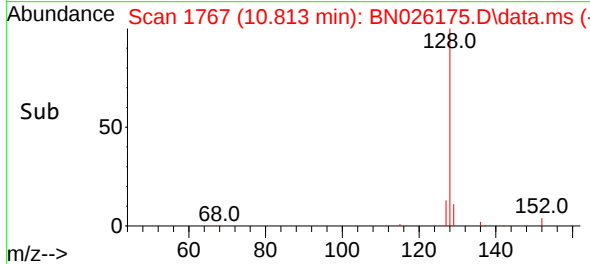
Instrument :
BNA_N
ClientSampleId :
DCGH4



Tgt Ion:128 Resp: 2115
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.8 10.7 16.1

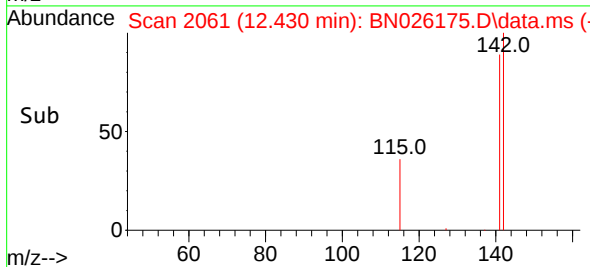
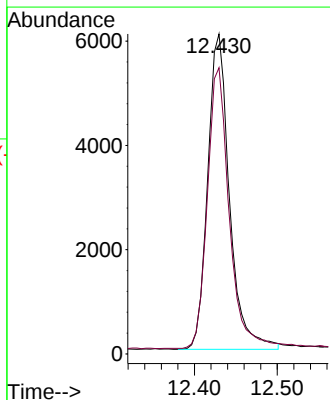
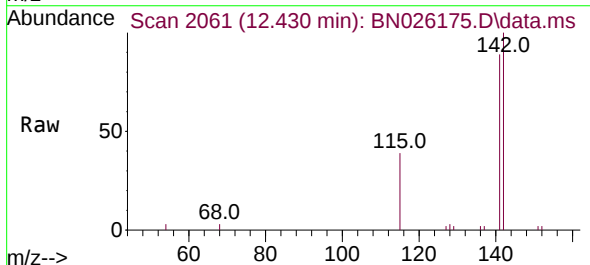
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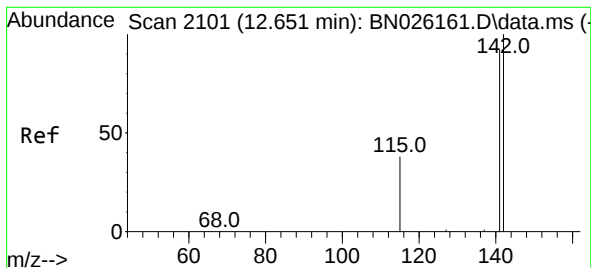
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.227 ng/ul
RT: 12.430 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

Tgt Ion:142 Resp: 11097
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.173 ng/ul

RT: 12.644 min Scan# 2101

Delta R.T. -0.007 min

Lab File: BN026175.D

Acq: 02 Jul 2023 06:02

Instrument :

BNA_N

ClientSampleId :

DCGH4

Tgt Ion:142 Resp: 876

Ion Ratio Lower Upper

142 100

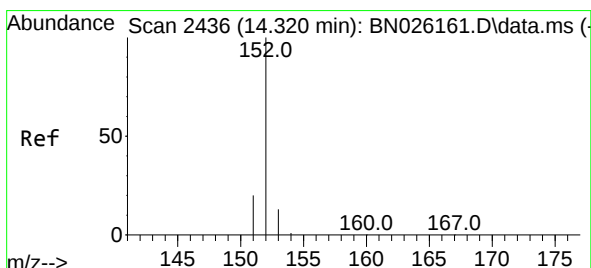
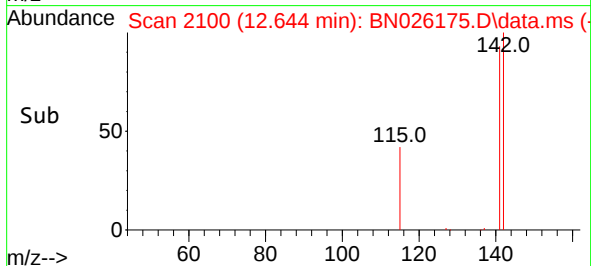
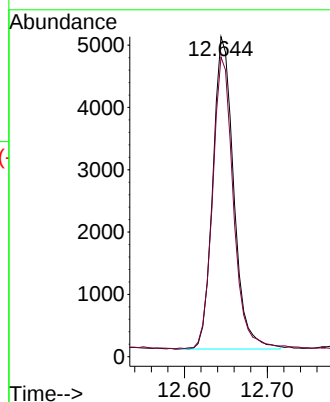
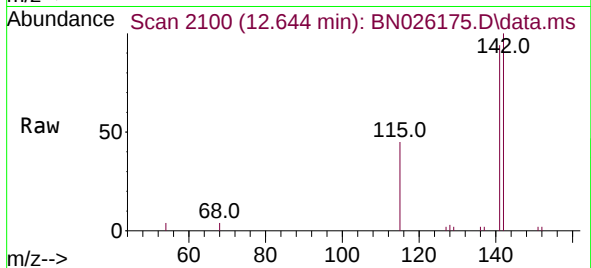
141 92.9 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.201 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026175.D

Acq: 02 Jul 2023 06:02

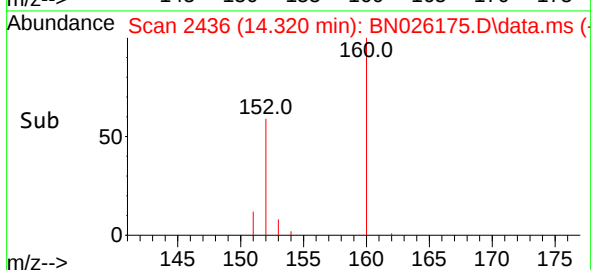
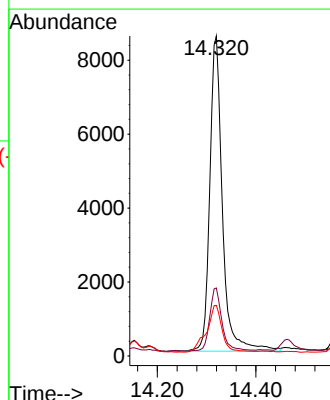
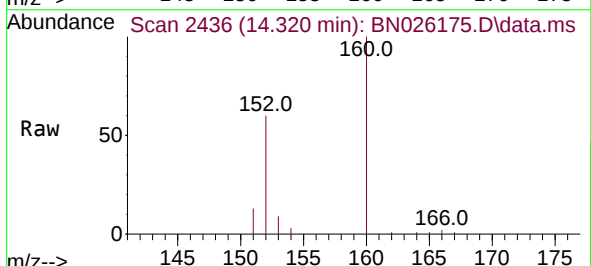
Tgt Ion:152 Resp: 15161

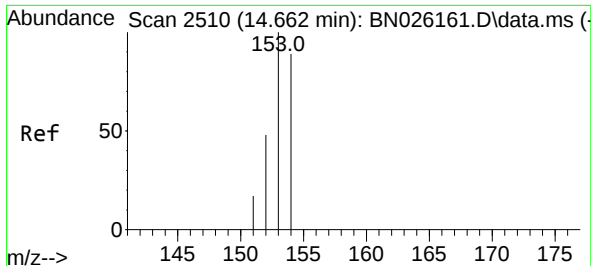
Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4

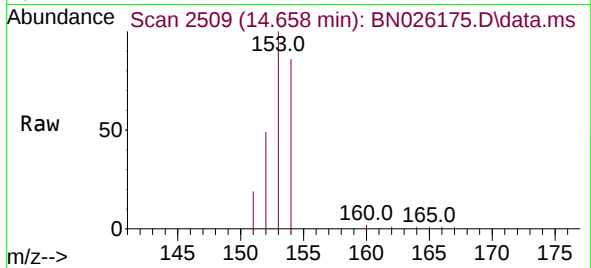
153 15.8 10.9 16.3





#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.011 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

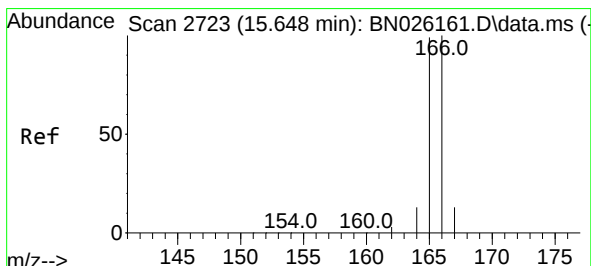
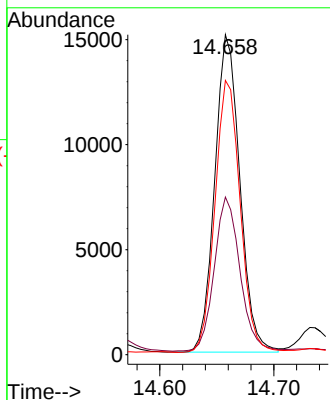
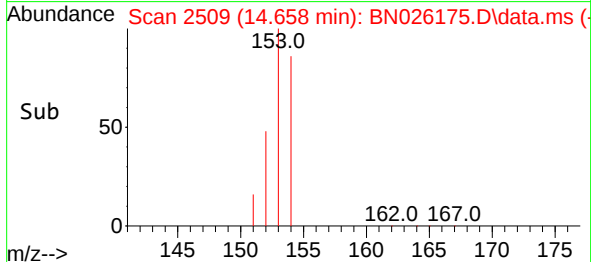
Instrument :
BNA_N
ClientSampleId :
DCGH4



Tgt Ion:153 Resp: 23125
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 85.7 68.9 103.3

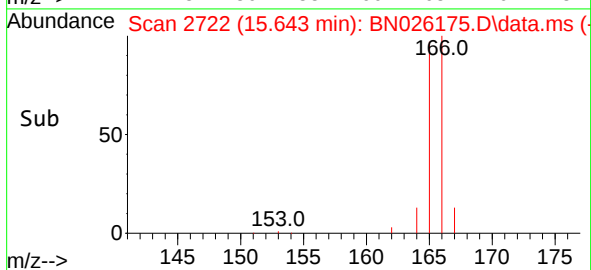
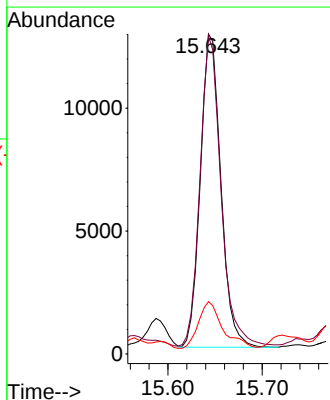
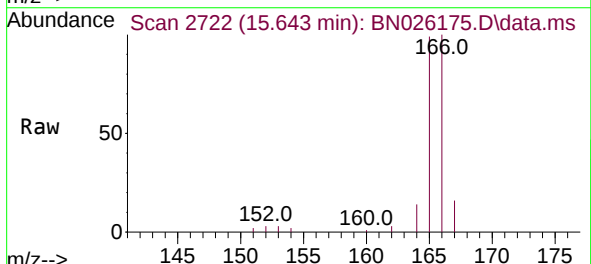
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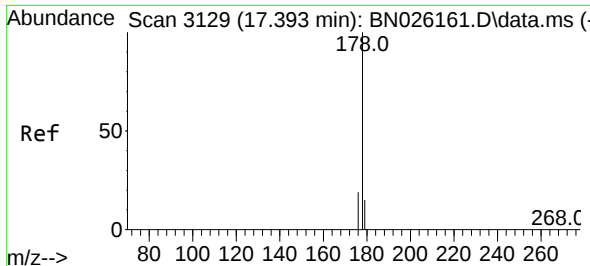
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.273 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.011 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

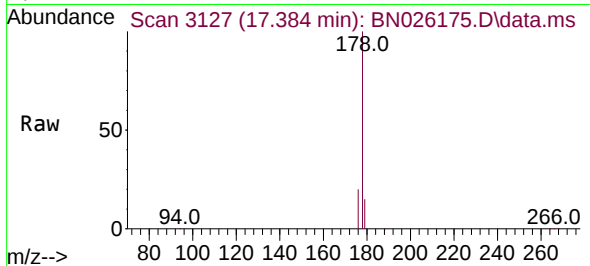
Tgt Ion:166 Resp: 19254
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 16.4 10.8 16.2





#15
Phenanthrene
Concen: 4.638 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.010 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

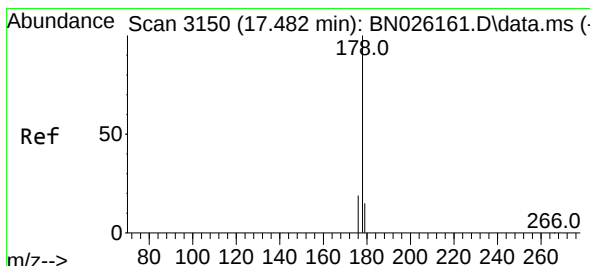
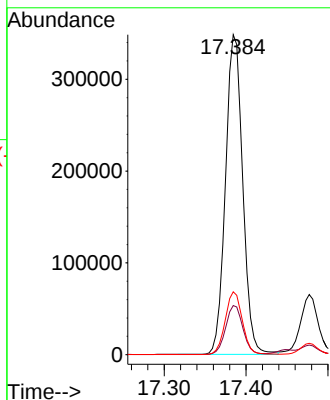
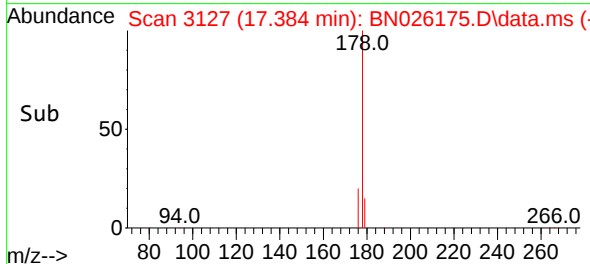
Instrument :
BNA_N
ClientSampleId :
DCGH4



Tgt Ion:178 Resp: 509811
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.8 23.6

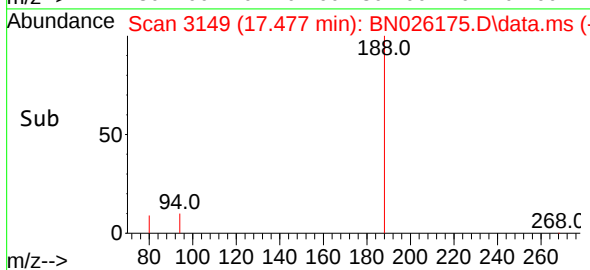
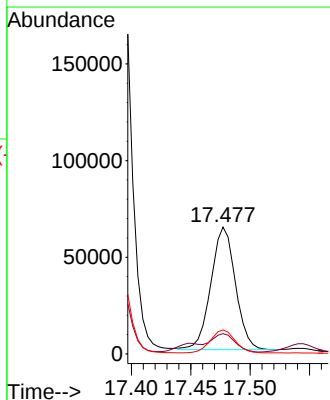
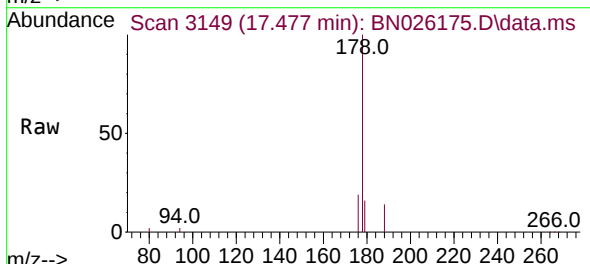
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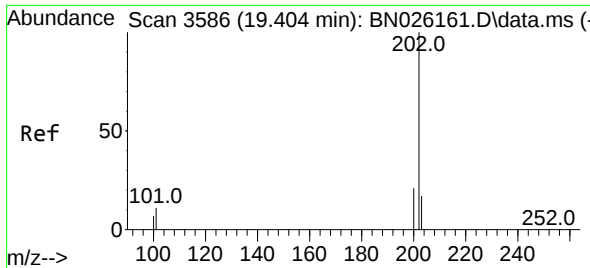
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.931 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

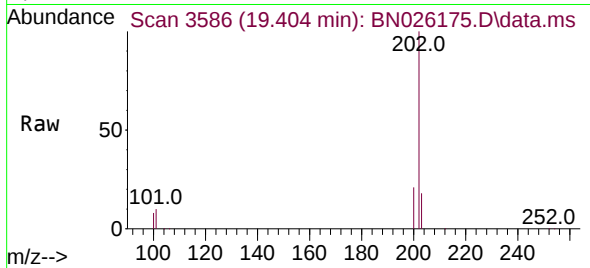
Tgt Ion:178 Resp: 90991
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 18.9 15.1 22.7





#19
Fluoranthene
Concen: 11.060 ng/u1
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

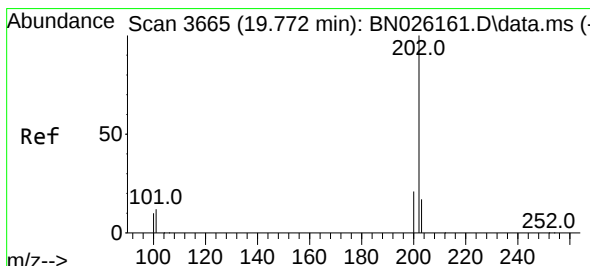
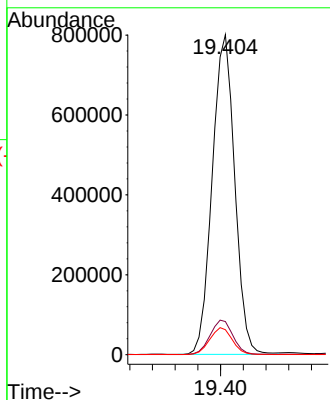
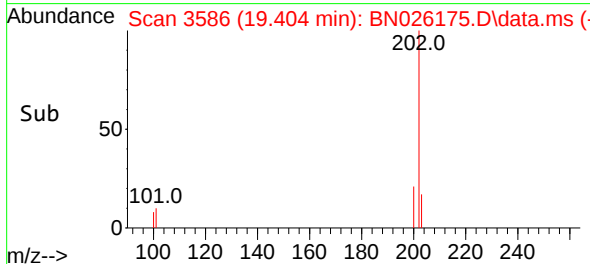
Instrument :
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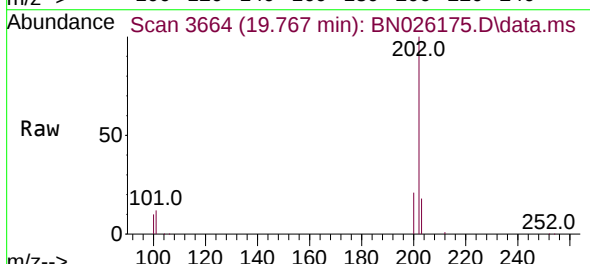
Tgt Ion:202 Resp: 1099856
Ion Ratio Lower Upper
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101 10.4 9.5 14.3
100 7.8 7.3 10.9

Manual Integrations
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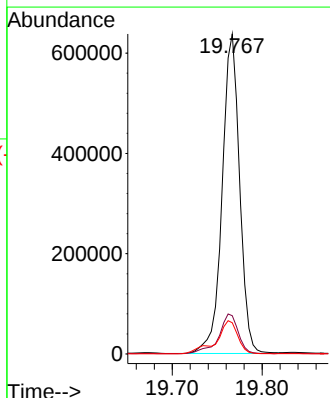
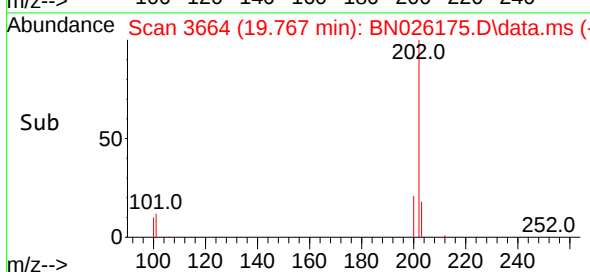
Reviewed By :Yogesh Patel 07/02/2023
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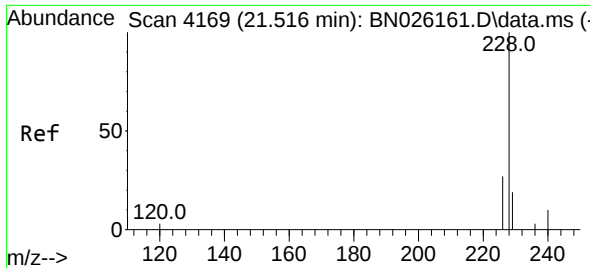


#20
Pyrene
Concen: 8.286 ng/u1
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02



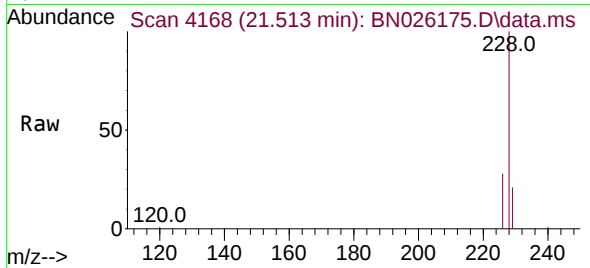
Tgt Ion:202 Resp: 857097
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.275 ng/u1
RT: 21.513 min Scan# 4168
Delta R.T. -0.013 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

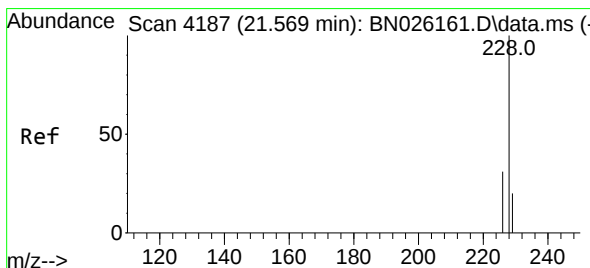
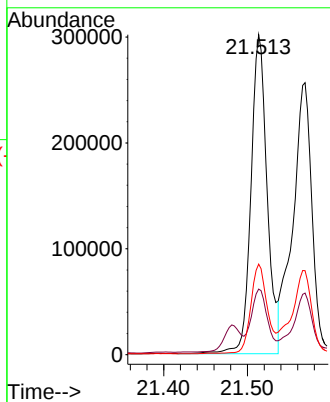
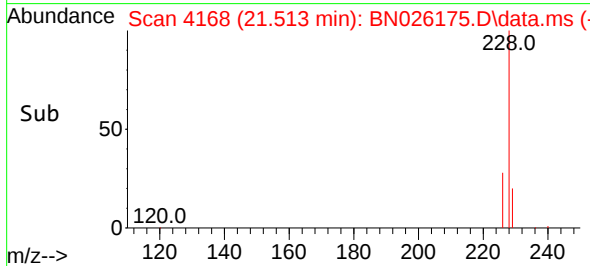
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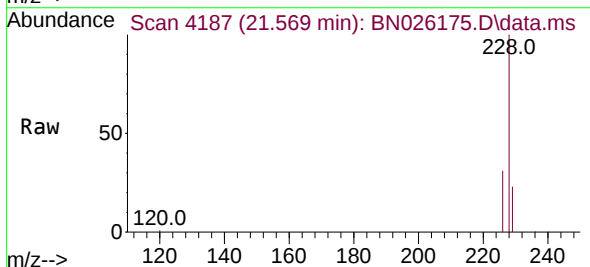
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Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.3 22.5 33.7

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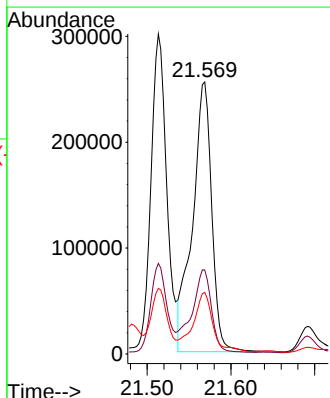
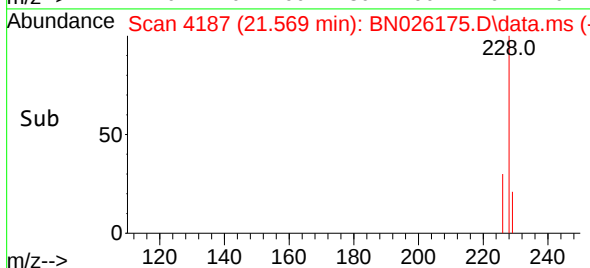
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

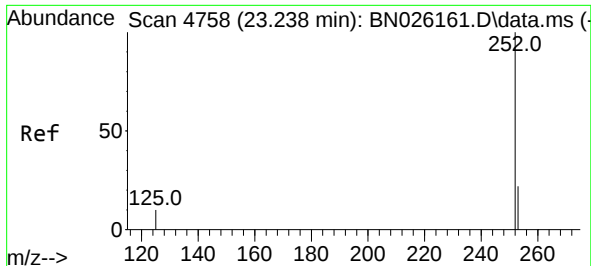


#22
Chrysene
Concen: 5.086 ng/u1
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02



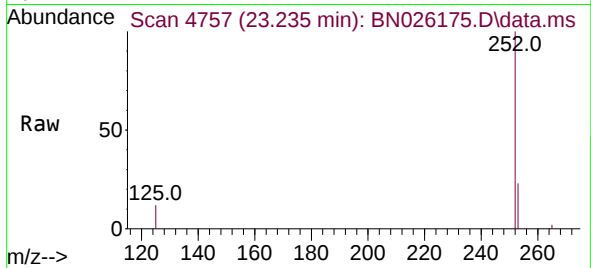
Tgt Ion:228 Resp: 406465
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.198 ng/ul m
RT: 23.235 min Scan# 4757
Delta R.T. -0.008 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

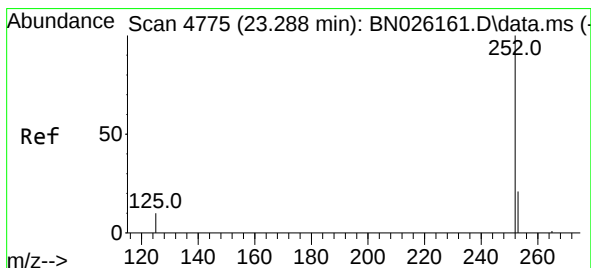
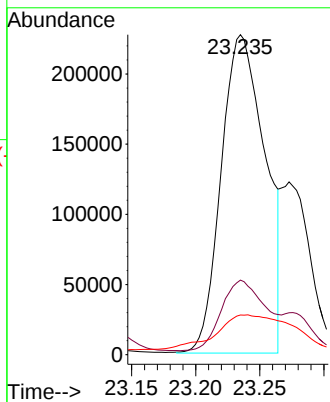
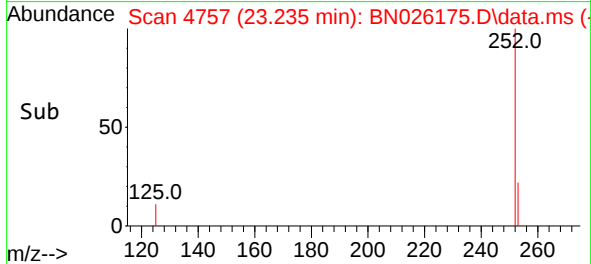
Instrument :
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ClientSampleId :
DCGH4



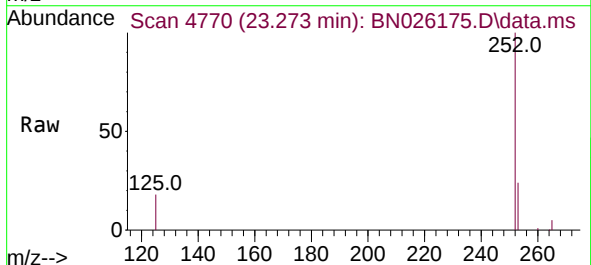
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Ion Ratio Lower Upper
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253 23.3 0.0 55.6
125 12.4 0.0 35.8

Manual Integrations
APPROVED

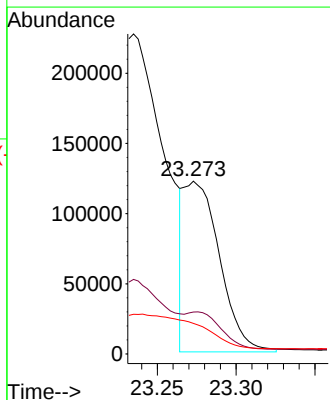
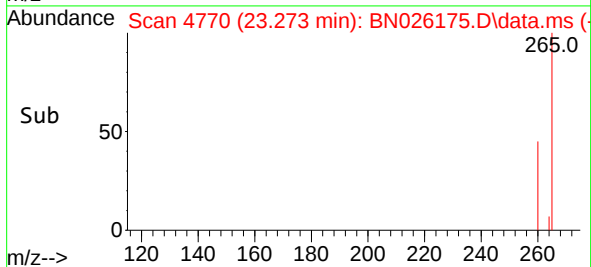
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

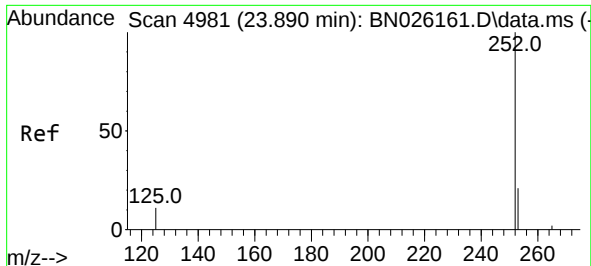


#25
Benzo(k)fluoranthene
Concen: 2.551 ng/ul m
RT: 23.273 min Scan# 4770
Delta R.T. -0.019 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02



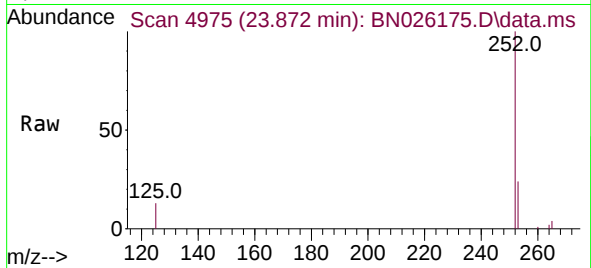
Tgt Ion:252 Resp: 192598
Ion Ratio Lower Upper
252 100
253 24.2 23.2 34.8
125 17.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 4.995 ng/ul
RT: 23.872 min Scan# 4981
Delta R.T. -0.013 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

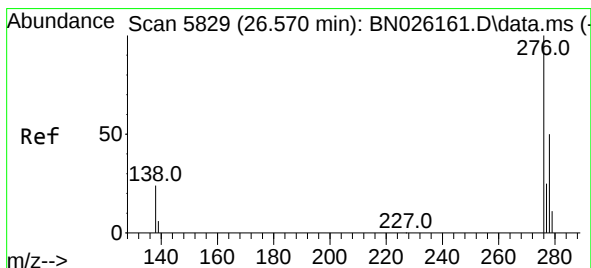
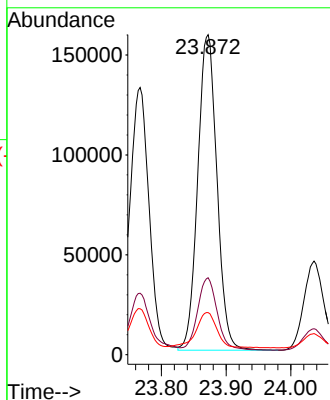
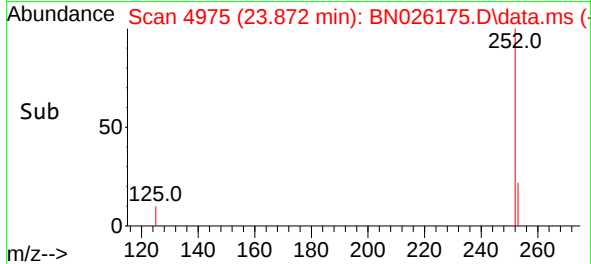
Instrument :
BNA_N
ClientSampleId :
DCGH4



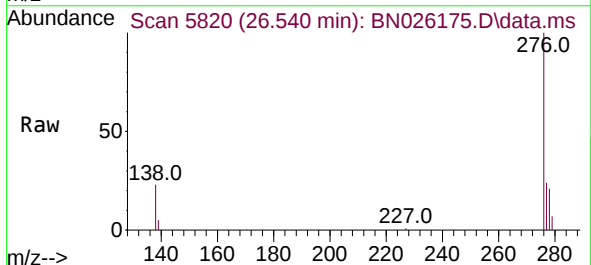
Tgt Ion:252 Resp: 326118
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0
125 13.1 17.3 25.9

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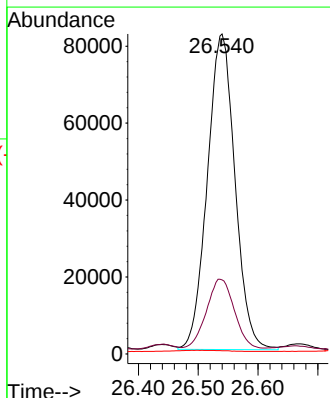
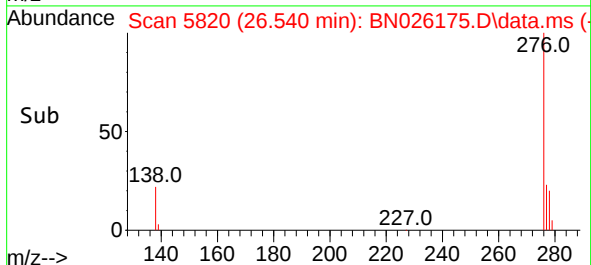
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

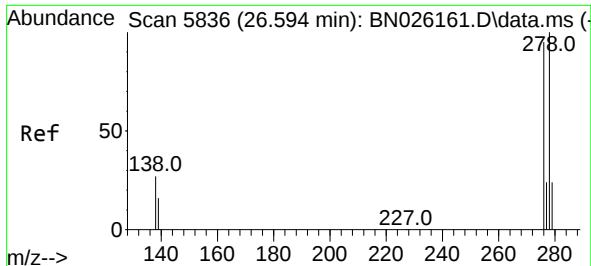


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.698 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. -0.018 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02



Tgt Ion:276 Resp: 263685
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7
227 0.0 0.0 0.0





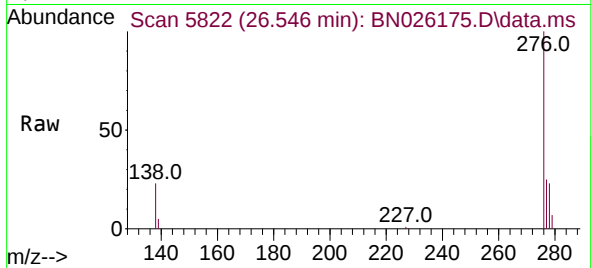
#28
Dibenzo(a,h)anthracene
Concen: 1.174 ng/ul
RT: 26.546 min Scan# 5836
Delta R.T. -0.032 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02

Instrument :

BNA_N

ClientSampleId :

DCGH4

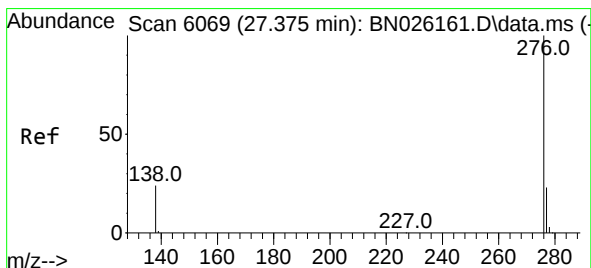
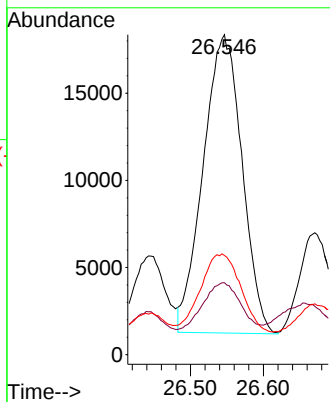
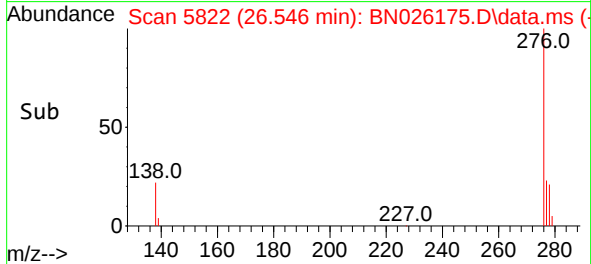


Tgt Ion:278 Resp: 63338
Ion Ratio Lower Upper
278 100
139 22.5 19.0 28.4
279 31.0 26.7 40.1

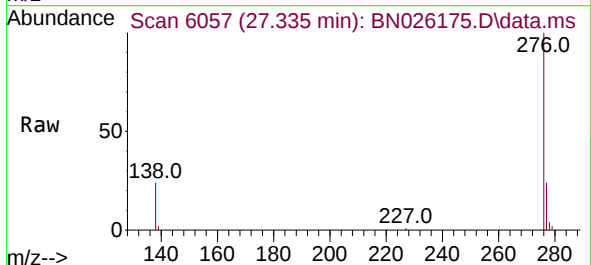
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.889 ng/ul
RT: 27.335 min Scan# 6057
Delta R.T. -0.012 min
Lab File: BN026175.D
Acq: 02 Jul 2023 06:02



Tgt Ion:276 Resp: 246705
Ion Ratio Lower Upper
276 100
138 24.1 23.4 35.0
277 24.0 20.0 30.0

