

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026170.D
 Acq On : 02 Jul 2023 03:00
 Operator : MA/JU
 Sample : 03245-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGG9

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:08:46 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	7994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25282	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15023	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	29139	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	15558	0.400	ng/ul	#-0.01
23) Perylene-d12	23.987	264	15844	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	23191	2.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	6657	0.171	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	11536	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	12802	0.177	ng/ul	97
7) 2-Methylnaphthalene	12.425	142	11388	0.247	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	8820	0.184	ng/ul	98
10) Acenaphthylene	14.316	152	7376	0.105	ng/ul#	90
11) Acenaphthene	14.658	153	2576	0.045	ng/ul	97
12) Fluorene	15.643	166	2620	0.040	ng/ul#	92
15) Phenanthrene	17.385	178	75941	0.789	ng/ul	100
16) Anthracene	17.478	178	9109	0.106	ng/ul#	93
19) Fluoranthene	19.401	202	178902	2.153	ng/ul	100
20) Pyrene	19.763	202	148094	1.713	ng/ul	97
21) Benzo(a)anthracene	21.514	228	67411	1.050	ng/ul	96
22) Chrysene	21.564	228	88848	1.330	ng/ul	97
24) Benzo(b)fluoranthene	23.236	252	141598m	2.094	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	45161m	0.665	ng/ul	
26) Benzo(a)pyrene	23.885	252	80910	1.378	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.568	276	77171	1.203	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.578	278	17980	0.370	ng/ul#	88
29) Benzo(g,h,i)perylene	27.366	276	74808	1.311	ng/ul	98

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

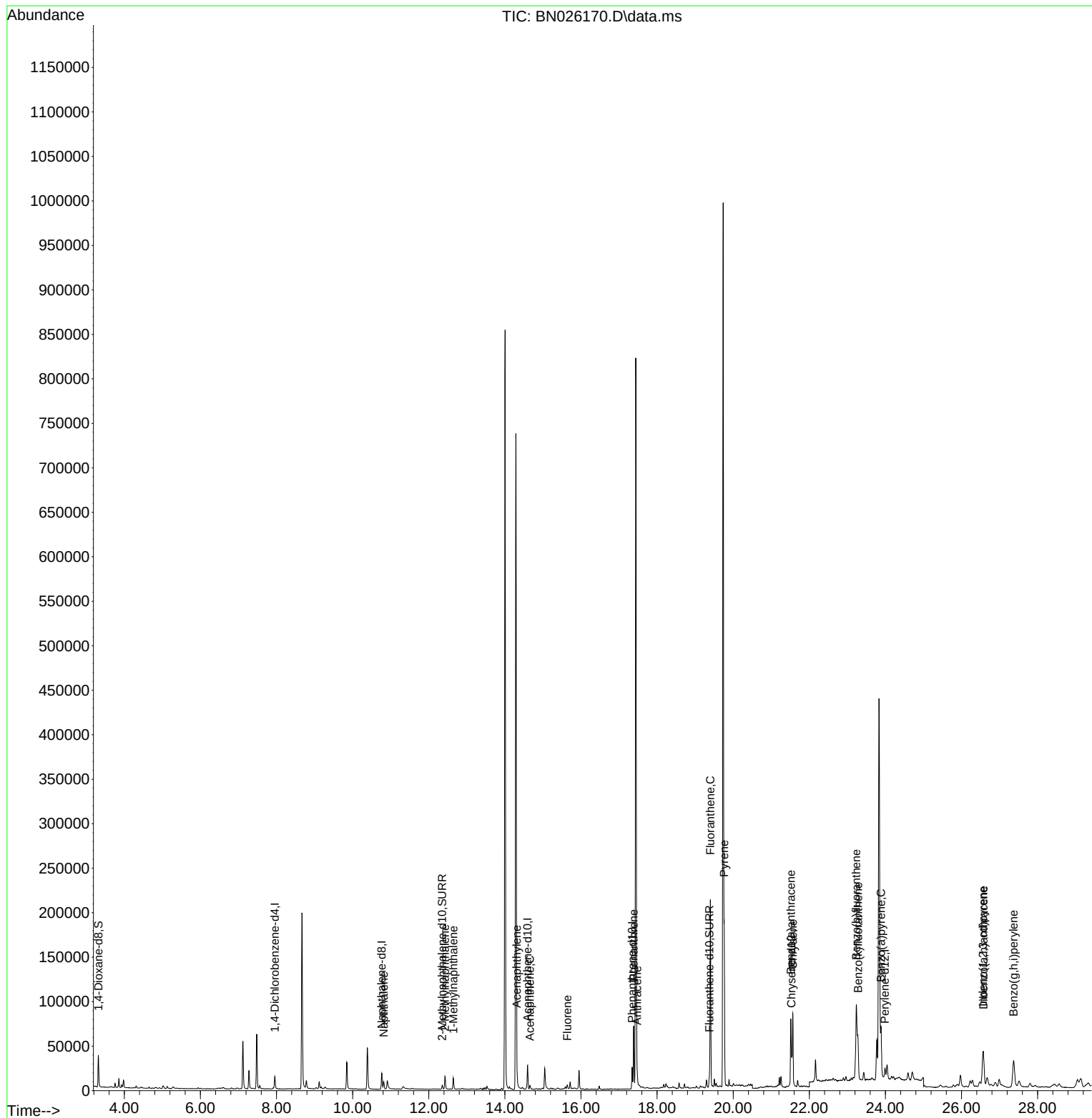
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026170.D
Acq On : 02 Jul 2023 03:00
Operator : MA/JU
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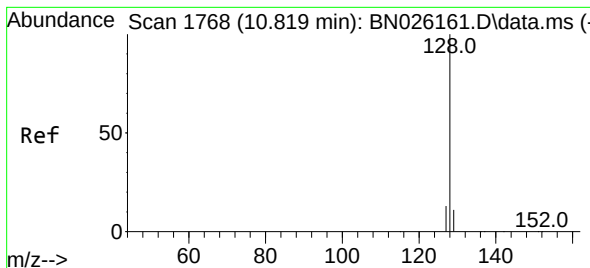
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Quant Time: Jul 02 05:08:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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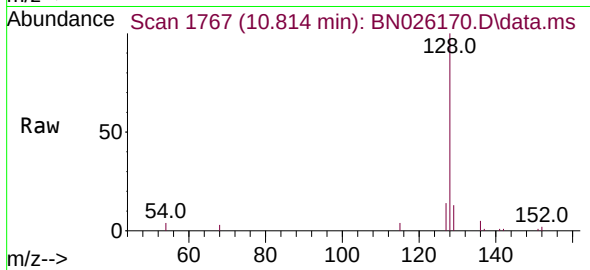
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.177 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

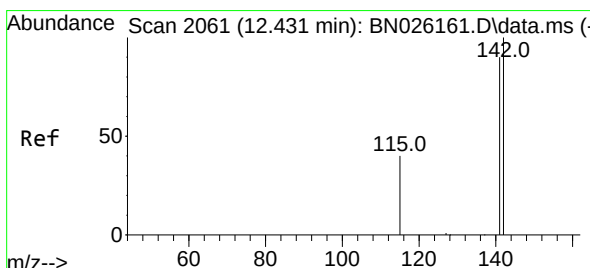
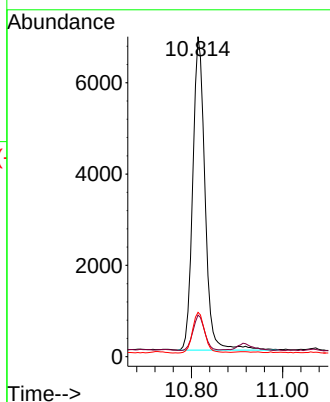
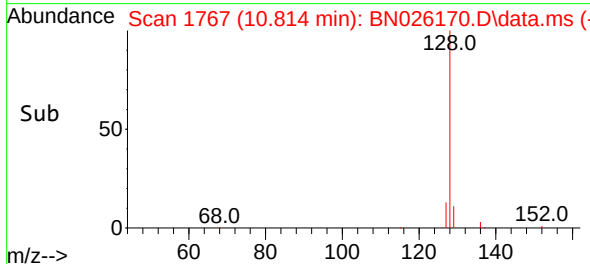
Instrument :
BNA_N
ClientSampleId :
DCGG9



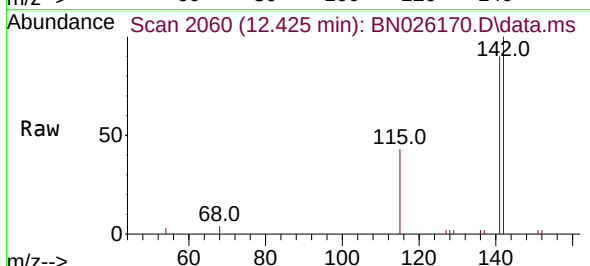
Tgt Ion:128 Resp: 1280
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 13.9 10.7 16.1

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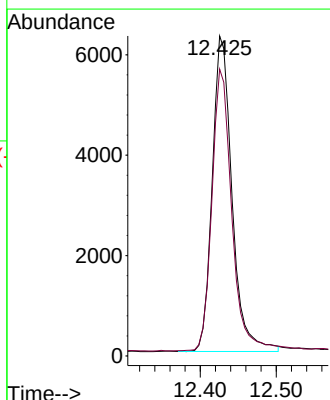
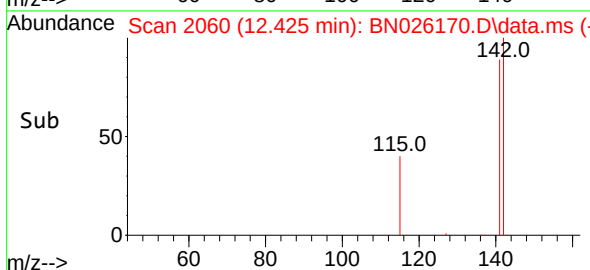
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

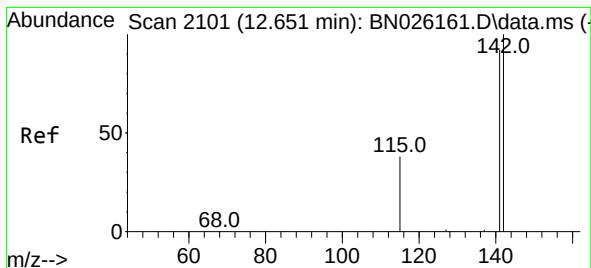


#7
2-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00



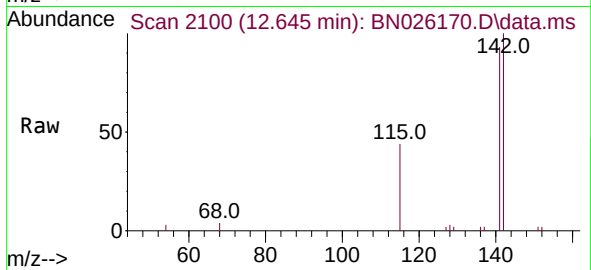
Tgt Ion:142 Resp: 11388
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.645 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

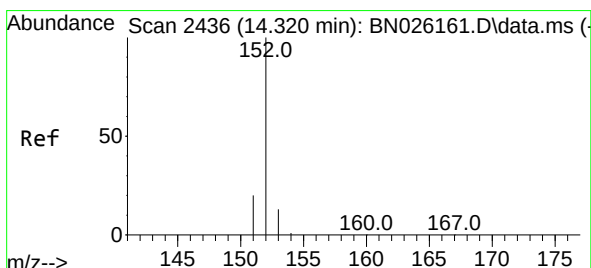
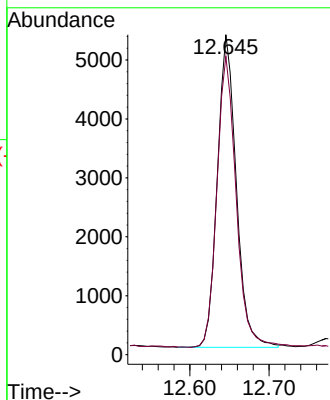
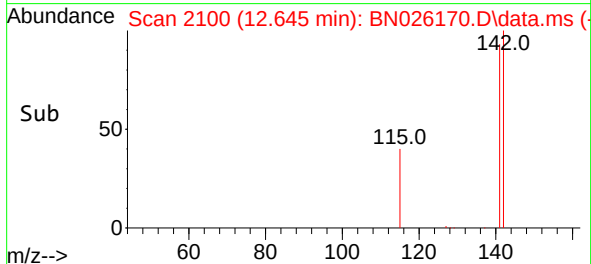
Instrument :
BNA_N
ClientSampleId :
DCGG9



Tgt Ion:142 Resp: 8820
Ion Ratio Lower Upper
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141 94.6 74.2 111.4

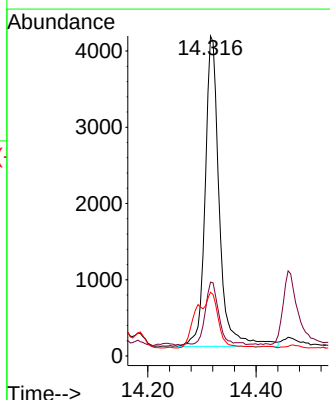
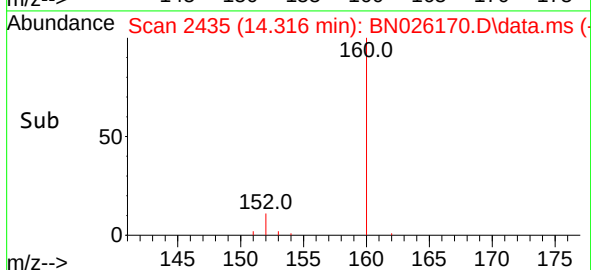
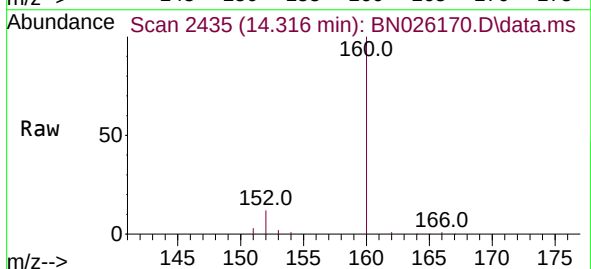
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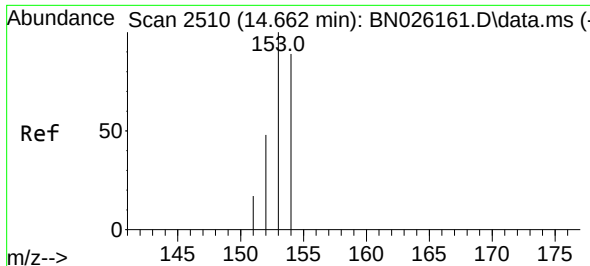
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.105 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

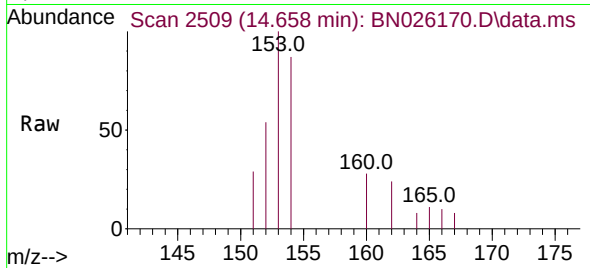
Tgt Ion:152 Resp: 7376
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 19.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

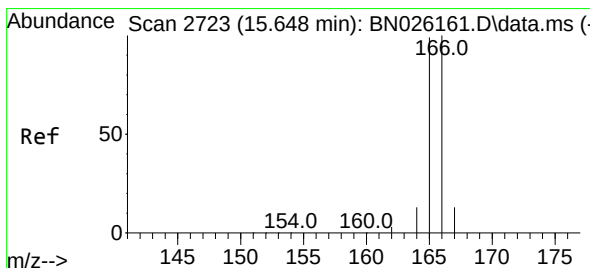
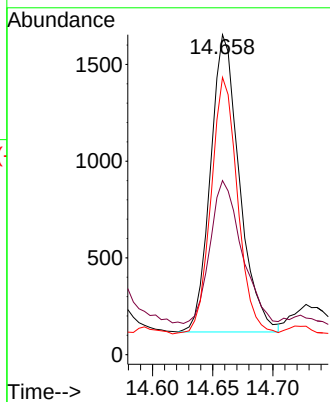
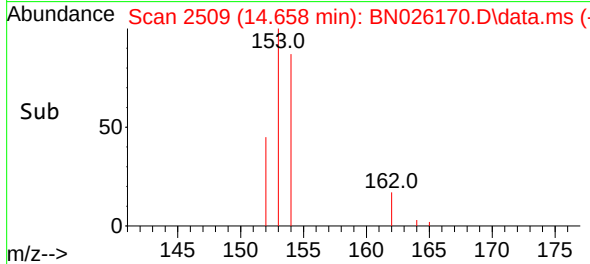
Instrument :
BNA_N
ClientSampleId :
DCG9



Tgt Ion:153 Resp: 2570
Ion Ratio Lower Upper
153 100
152 54.4 39.4 59.0
154 86.6 68.9 103.3

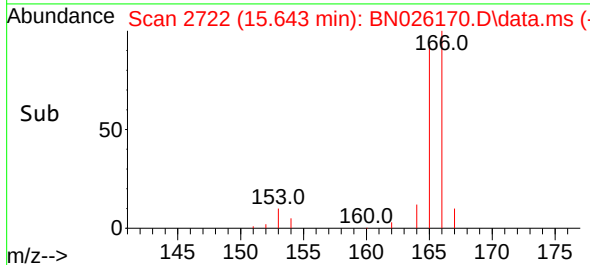
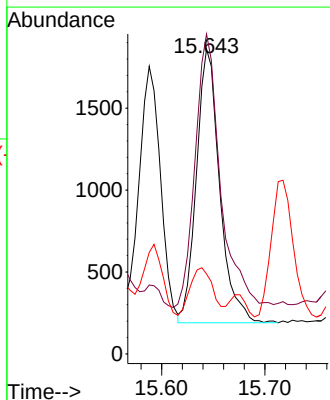
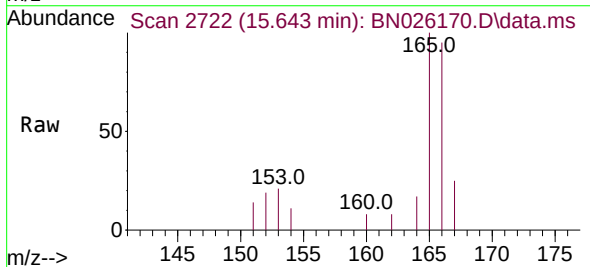
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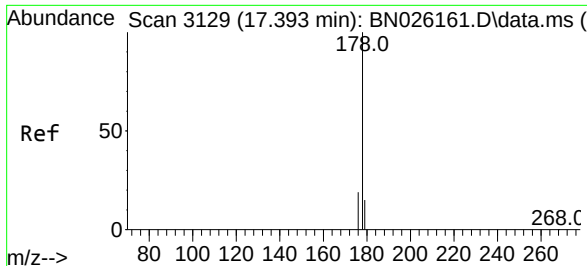
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

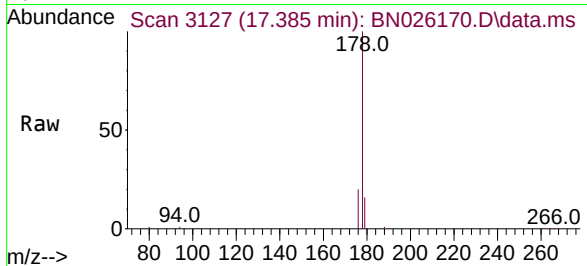
Tgt Ion:166 Resp: 2620
Ion Ratio Lower Upper
166 100
165 105.0 79.9 119.9
167 26.2 10.8 16.2#





#15
Phenanthrene
Concen: 0.789 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

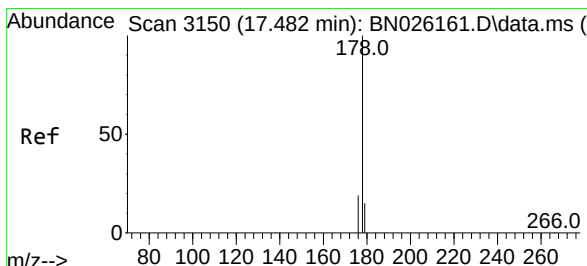
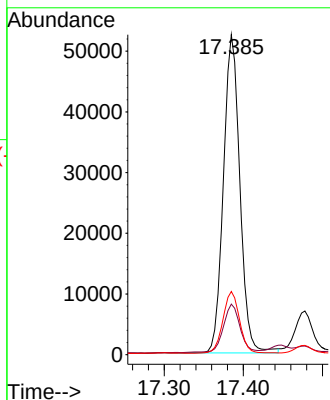
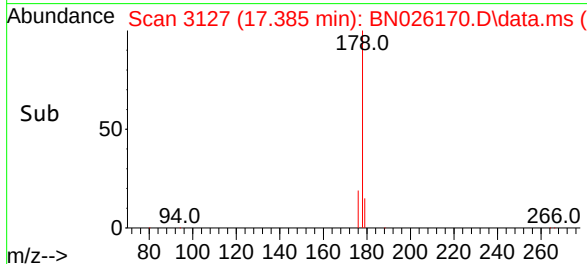
Instrument :
BNA_N
ClientSampleId :
DCGG9



Tgt Ion:178 Resp: 7594
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.8 23.6

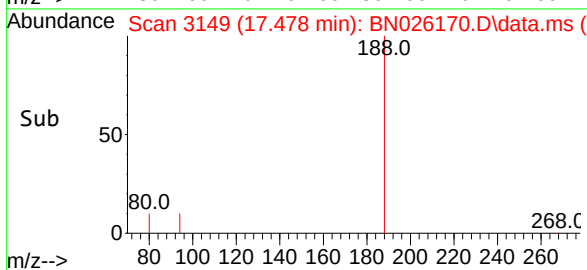
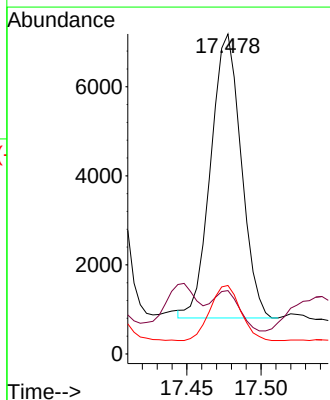
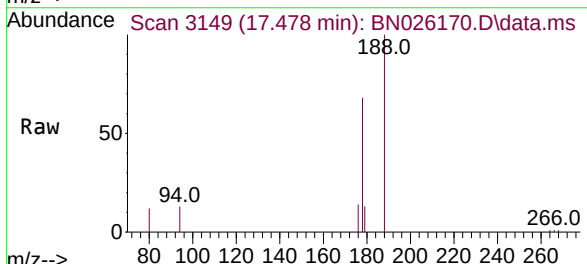
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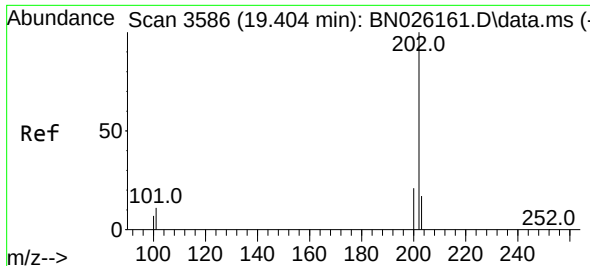
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.106 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

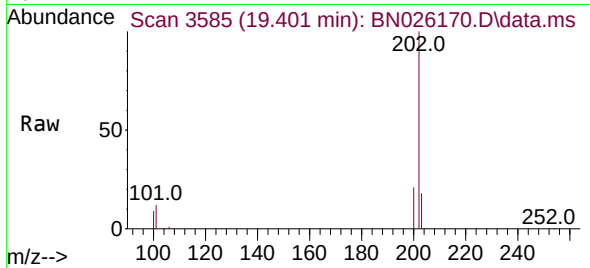
Tgt Ion:178 Resp: 9109
Ion Ratio Lower Upper
178 100
179 19.8 12.6 18.8#
176 21.4 15.1 22.7





#19
Fluoranthene
Concen: 2.153 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

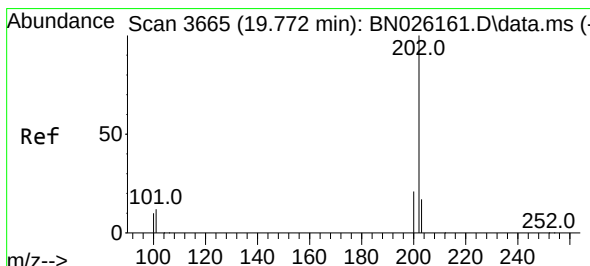
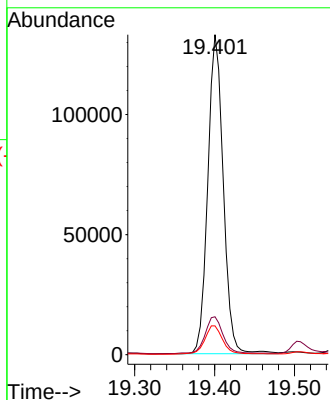
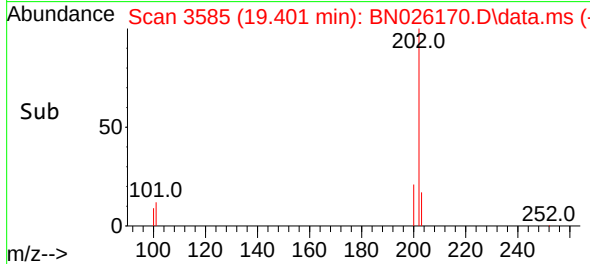
Instrument :
BNA_N
ClientSampleId :
DCGG9



Tgt Ion:202 Resp: 178902
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 9.0 7.3 10.9

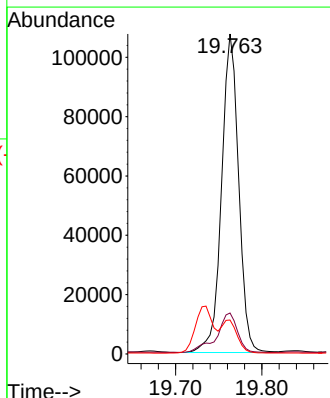
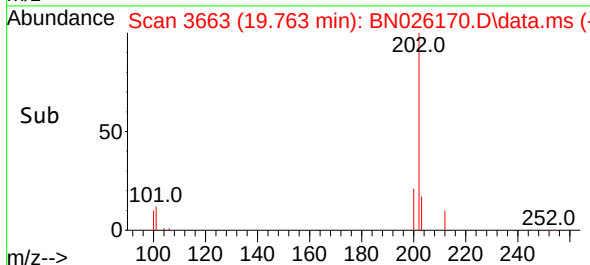
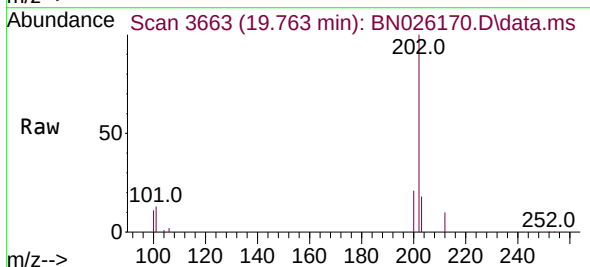
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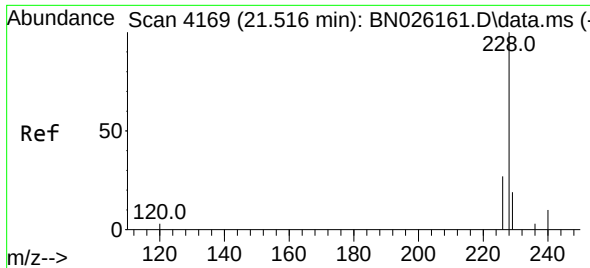
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 1.713 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

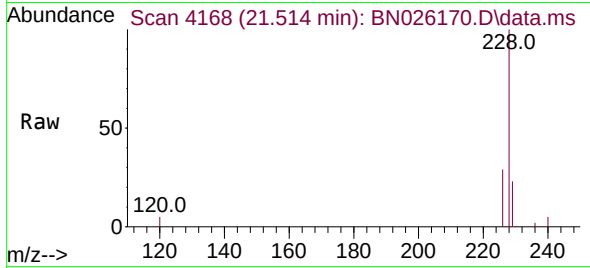
Tgt Ion:202 Resp: 148094
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.050 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

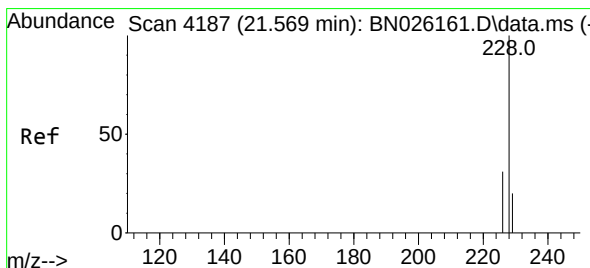
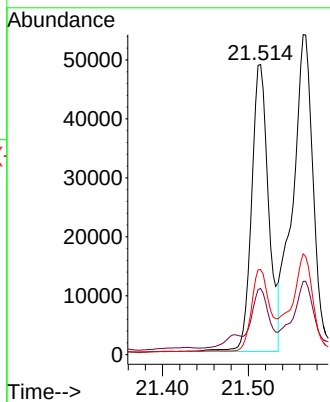
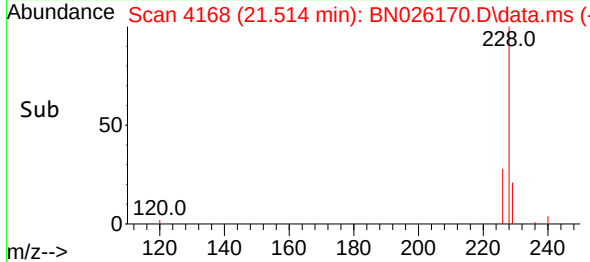
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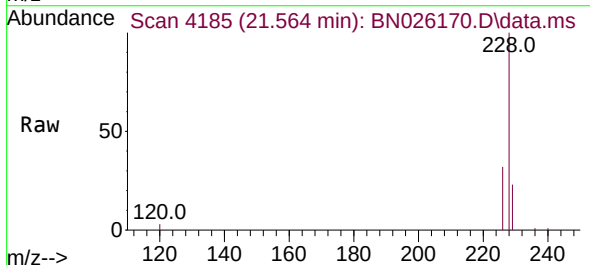
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Ion Ratio Lower Upper
228 100
229 22.8 15.8 23.6
226 29.3 22.5 33.7

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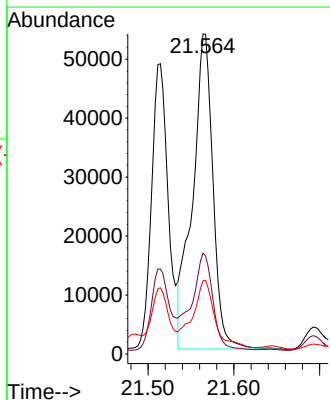
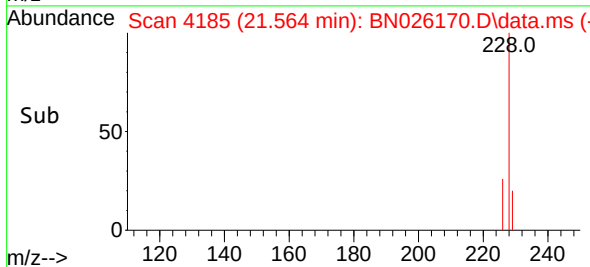
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

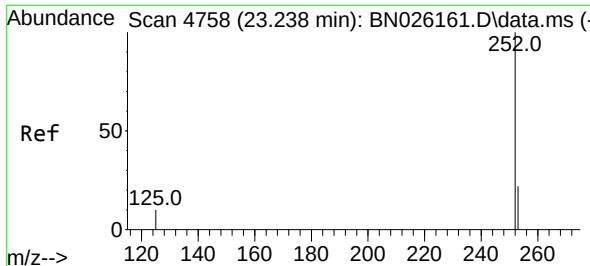


#22
Chrysene
Concen: 1.330 ng/ul
RT: 21.564 min Scan# 4185
Delta R.T. -0.015 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00



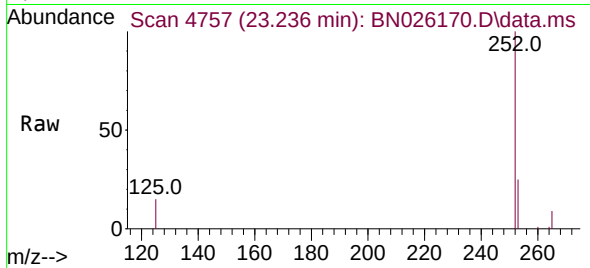
Tgt Ion:228 Resp: 88848
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.094 ng/ul m
RT: 23.236 min Scan# 4758
Delta R.T. -0.007 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

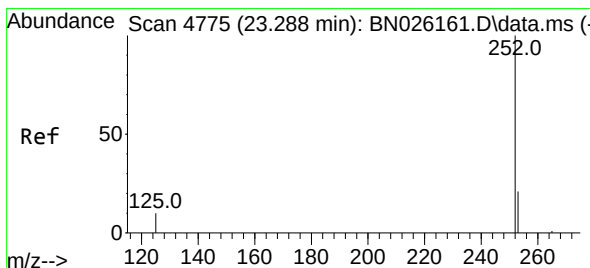
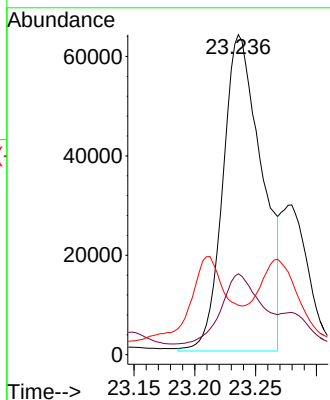
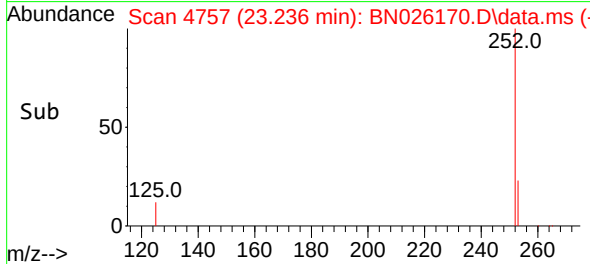
Instrument :
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ClientSampleId :
DCGG9



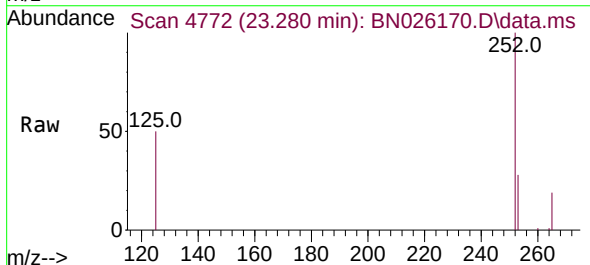
Tgt Ion:252 Resp: 141598
Ion Ratio Lower Upper
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253 25.3 0.0 55.6
125 15.5 0.0 35.8

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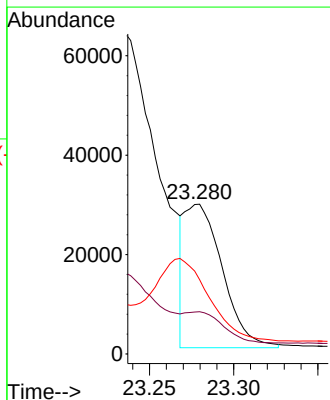
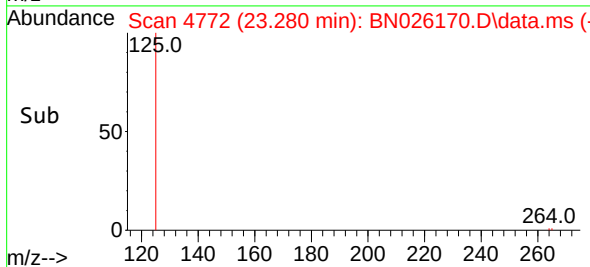
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

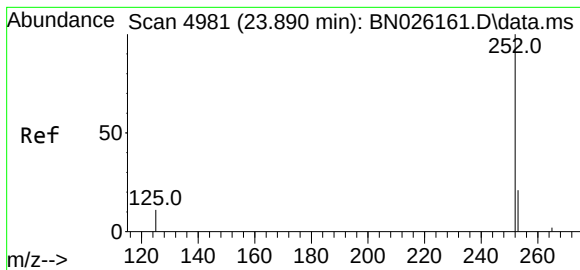


#25
Benzo(k)fluoranthene
Concen: 0.665 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00



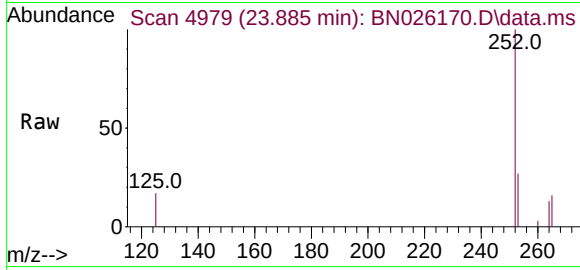
Tgt Ion:252 Resp: 45161
Ion Ratio Lower Upper
252 100
253 28.3 23.2 34.8
125 49.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.378 ng/ul
RT: 23.885 min Scan# 4981
Delta R.T. -0.001 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

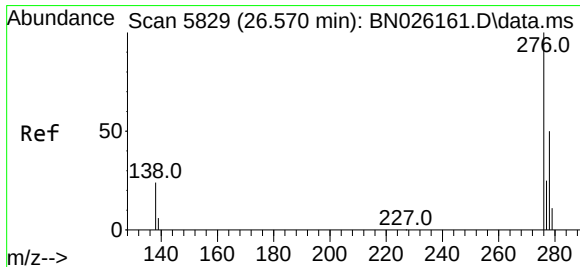
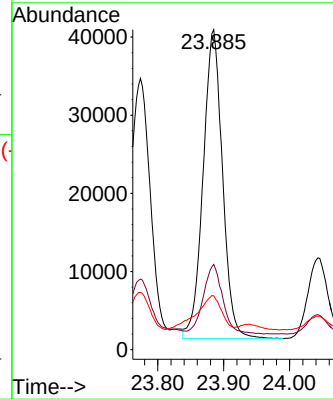
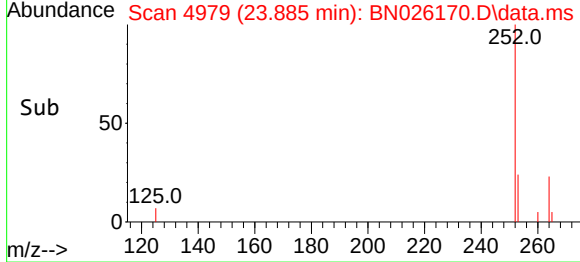
Instrument :
BNA_N
ClientSampleId :
DCGG9



Tgt Ion:252 Resp: 80910
Ion Ratio Lower Upper
252 100
253 26.6 26.0 39.0
125 16.8 17.3 25.9

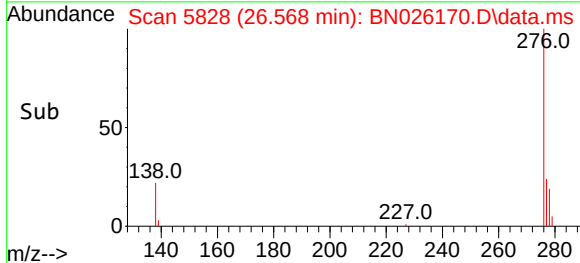
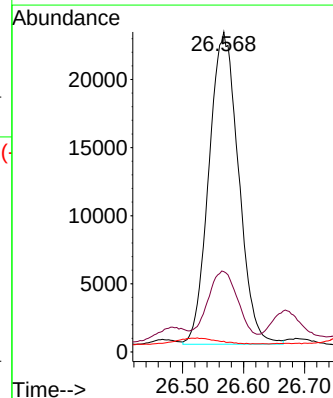
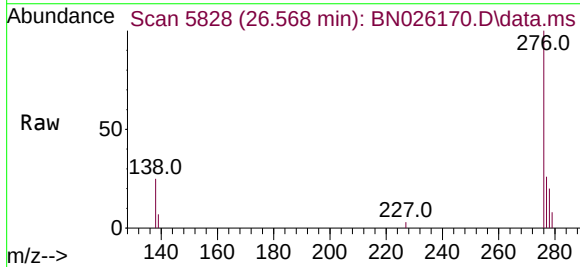
Manual Integrations
APPROVED

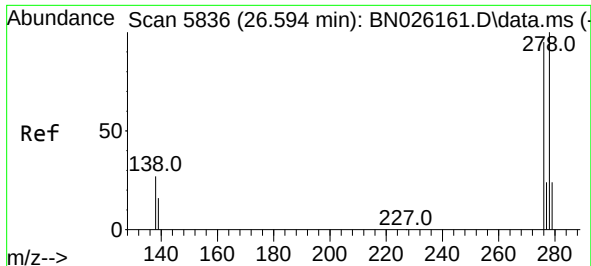
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.203 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. 0.009 min
Lab File: BN026170.D
Acq: 02 Jul 2023 03:00

Tgt Ion:276 Resp: 77171
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.370 ng/ul

RT: 26.578 min Scan# 5836

Delta R.T. -0.001 min

Lab File: BN026170.D

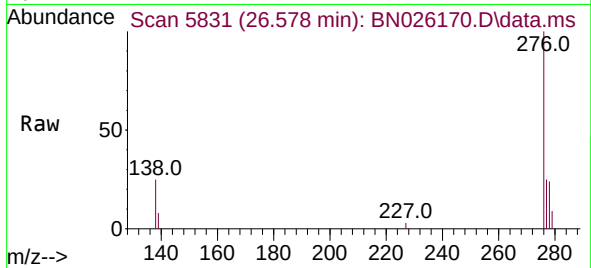
Acq: 02 Jul 2023 03:00

Instrument :

BNA_N

ClientSampleId :

DCGG9



Tgt Ion:278 Resp: 17980

Ion Ratio Lower Upper

278 100

139 32.2 19.0 28.4

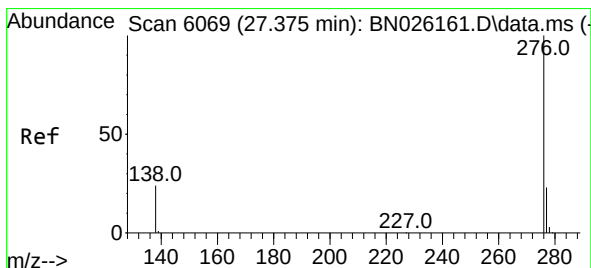
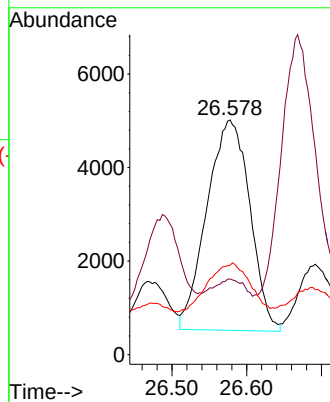
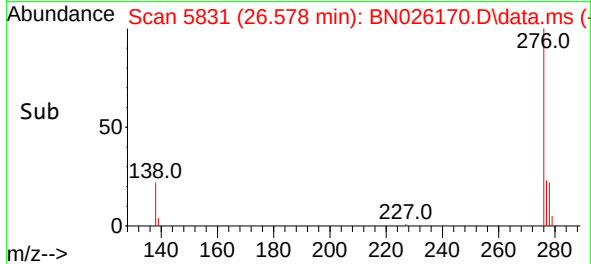
279 38.1 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#29

Benzo(g,h,i)perylene

Concen: 1.311 ng/ul

RT: 27.366 min Scan# 6066

Delta R.T. 0.019 min

Lab File: BN026170.D

Acq: 02 Jul 2023 03:00

Tgt Ion:276 Resp: 74808

Ion Ratio Lower Upper

276 100

138 27.1 23.4 35.0

277 24.6 20.0 30.0

