

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026154.D
 Acq On : 01 Jul 2023 16:39
 Operator : MA/JU
 Sample : 03239-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 22:35:38 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	7.959	152	9146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	29615	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	17030	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	32414	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18747	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	19131	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3304	0.321	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	939	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	1672	0.023	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	4091	0.048	ng/ul#	93
7) 2-Methylnaphthalene	12.436	142	1680	0.031	ng/ul	98
10) Acenaphthylene	14.320	152	3893	0.049	ng/ul#	92
11) Acenaphthene	14.663	153	1799	0.028	ng/ul	98
12) Fluorene	15.648	166	2112	0.028	ng/ul#	95
15) Phenanthrene	17.389	178	44255	0.413	ng/ul	100
16) Anthracene	17.482	178	9513	0.100	ng/ul#	94
19) Fluoranthene	19.405	202	140438	1.403	ng/ul	97
20) Pyrene	19.763	202	132806	1.275	ng/ul	98
21) Benzo(a)anthracene	21.514	228	108834	1.407	ng/ul	99
22) Chrysene	21.570	228	142936	1.776	ng/ul	98
24) Benzo(b)fluoranthene	23.236	252	252906m	3.097	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	73369m	0.895	ng/ul	
26) Benzo(a)pyrene	23.873	252	120535	1.700	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.541	276	107509	1.388	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.551	278	35035	0.598	ng/ul	96
29) Benzo(g,h,i)perylene	27.329	276	19013	0.276	ng/ul	94

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

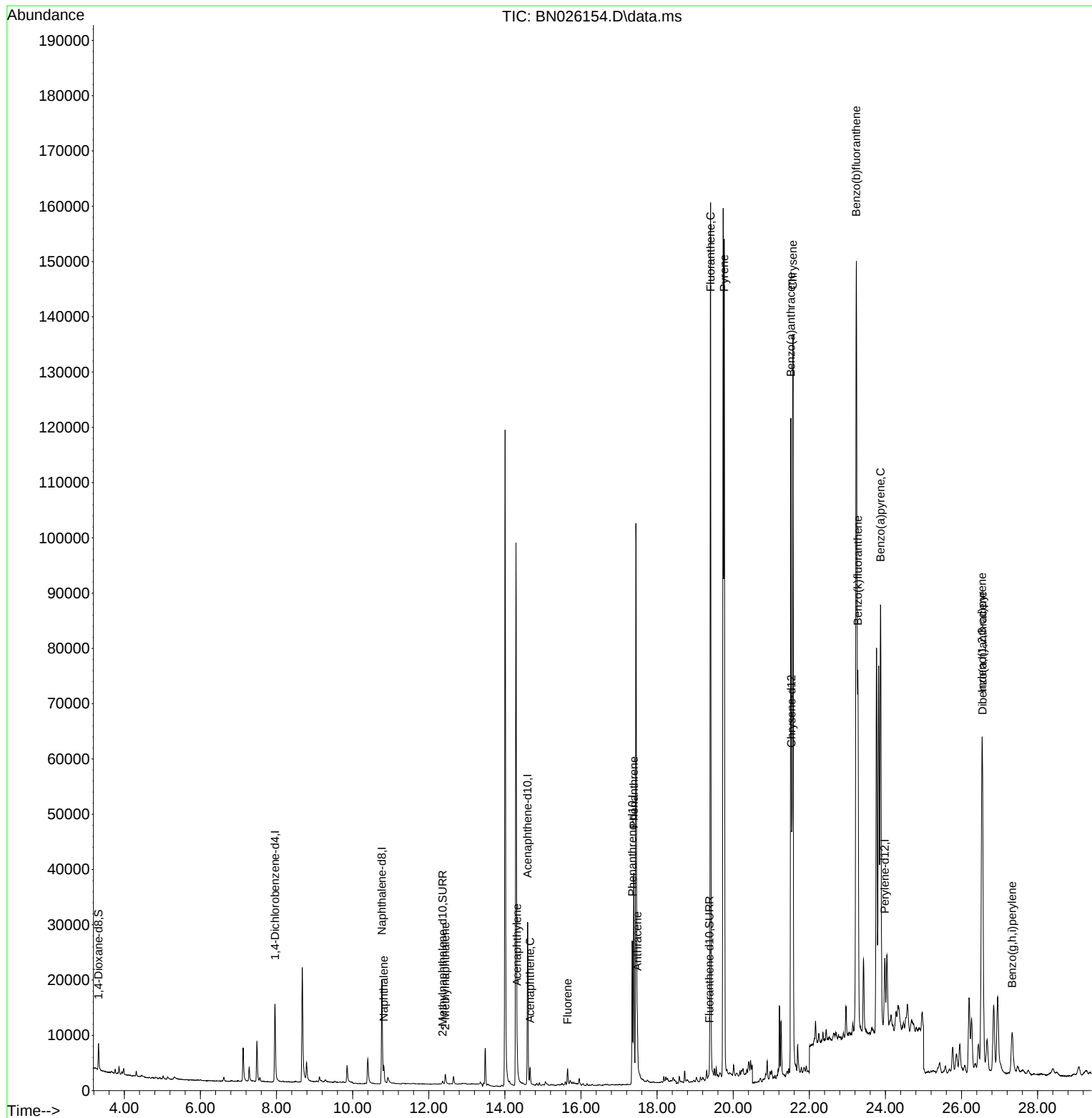
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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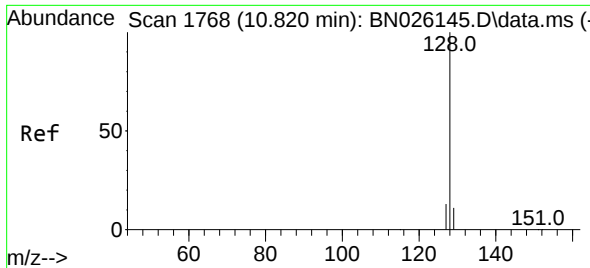
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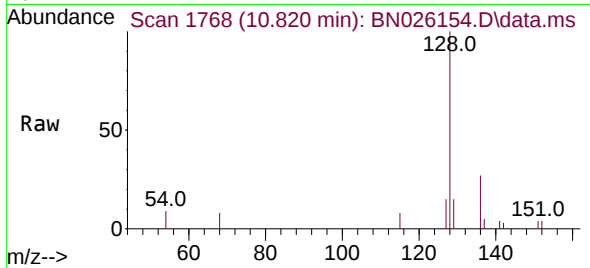
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

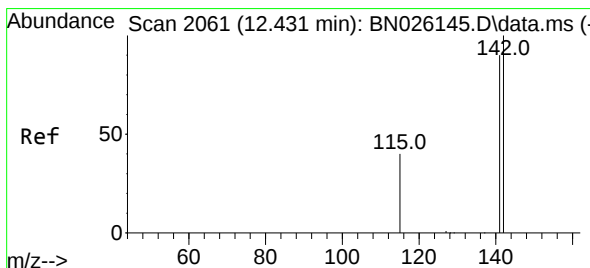
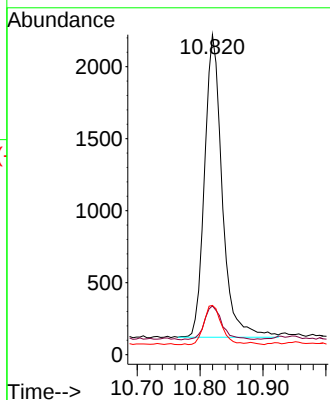
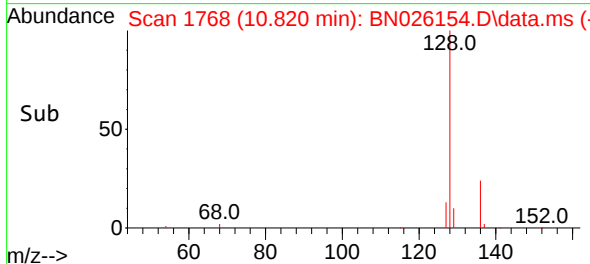
Instrument :
BNA_N
ClientSampleId :
DCFY2DL



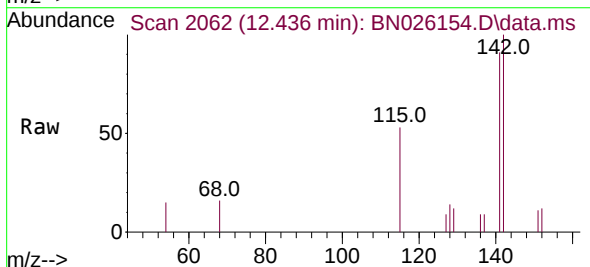
Tgt Ion:128 Resp: 409
Ion Ratio Lower Upper
128 100
129 15.3 9.1 13.7
127 15.4 10.7 16.1

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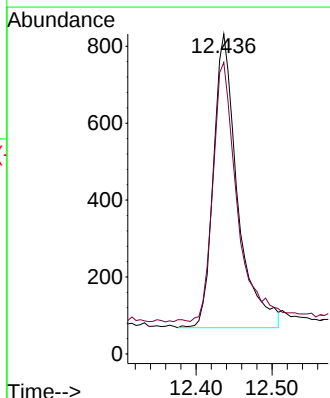
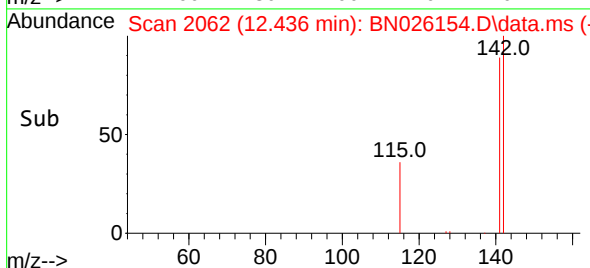
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

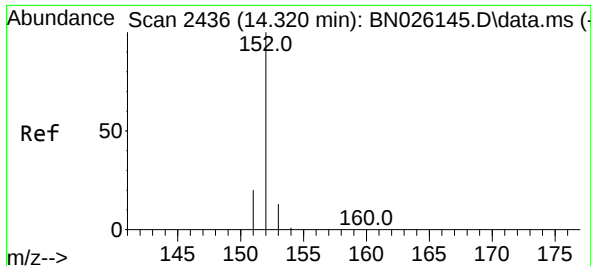


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39



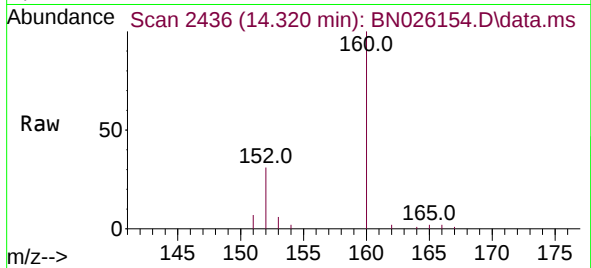
Tgt Ion:142 Resp: 1680
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

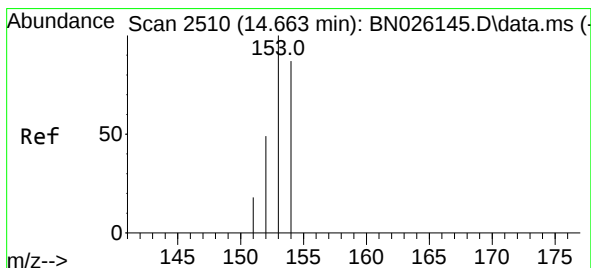
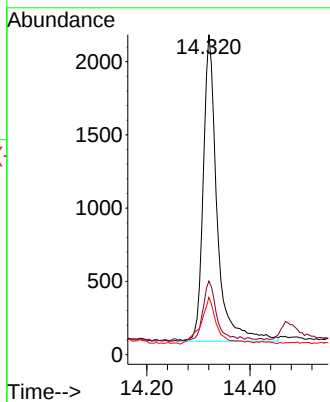
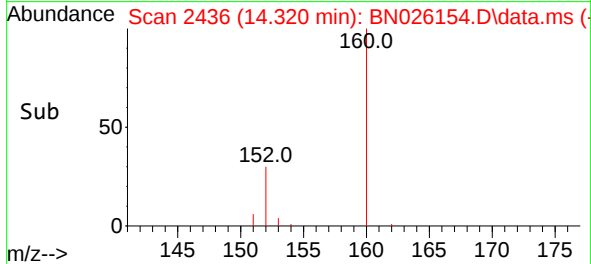
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 389
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.4
153 17.9 10.9 16.3

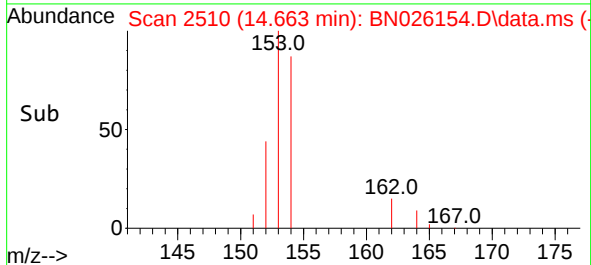
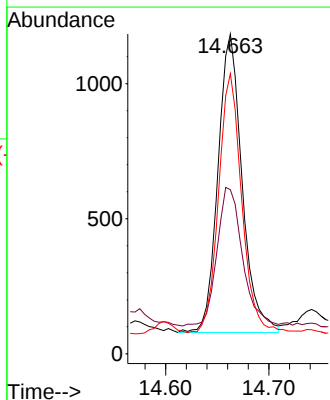
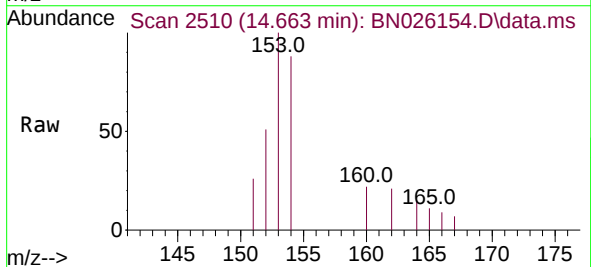
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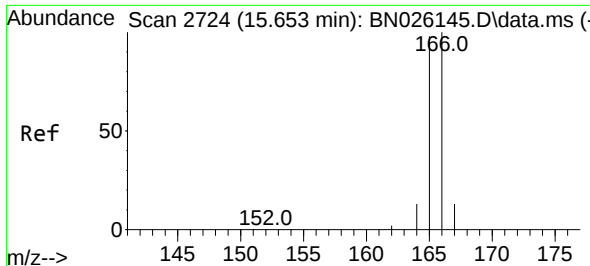
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

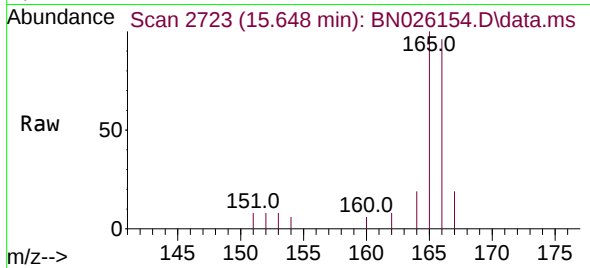
Tgt Ion:153 Resp: 1799
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 87.6 68.9 103.3





#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.648 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

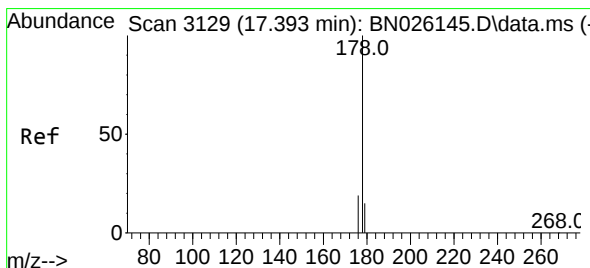
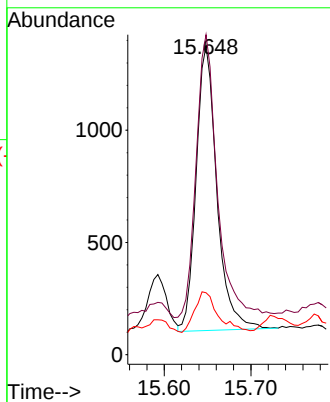
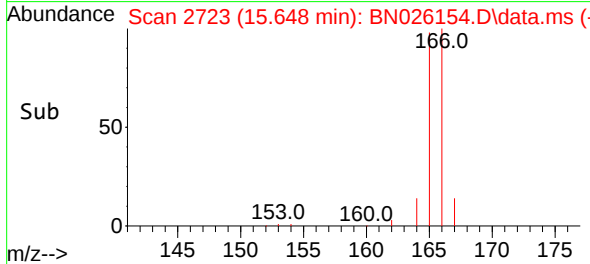
Instrument :
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ClientSampleId :
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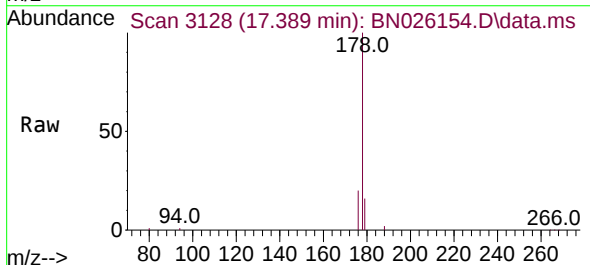
Tgt Ion:166 Resp: 211
Ion Ratio Lower Upper
166 100
165 103.6 79.9 119.9
167 20.1 10.8 16.2

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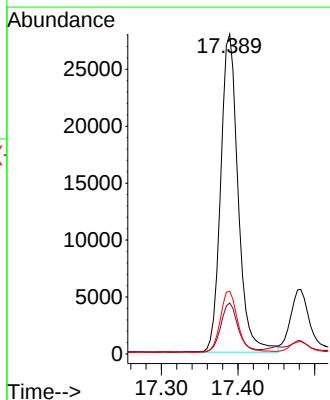
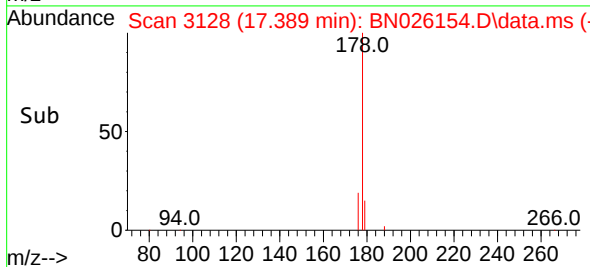
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

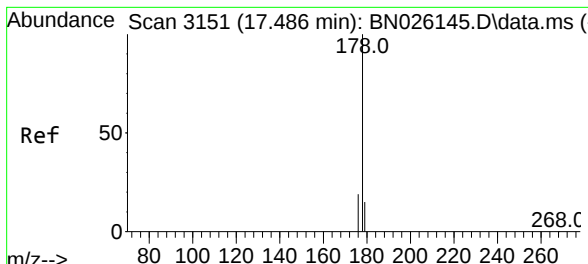


#15
Phenanthrene
Concen: 0.413 ng/u1
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39



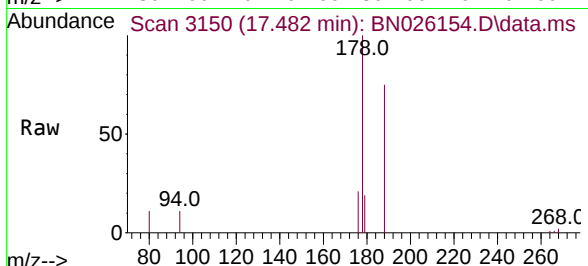
Tgt Ion:178 Resp: 44255
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.100 ng/ul
 RT: 17.482 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

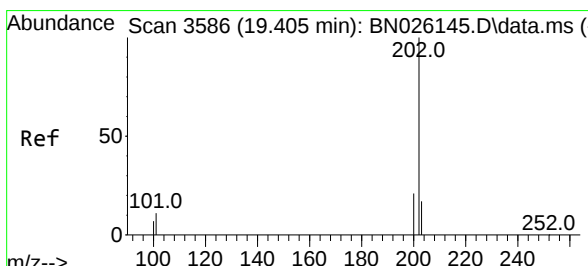
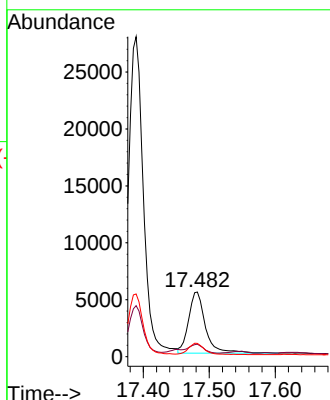
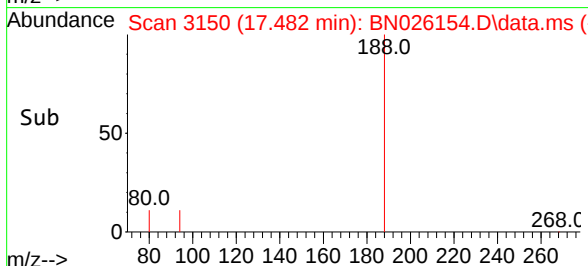
Instrument :
 BNA_N
 ClientSampleId :
 DCFY2DL



Tgt Ion:	178	Resp:	951
Ion Ratio	Lower	Upper	
178	100		
179	19.2	12.6	18.8
176	20.6	15.1	22.7

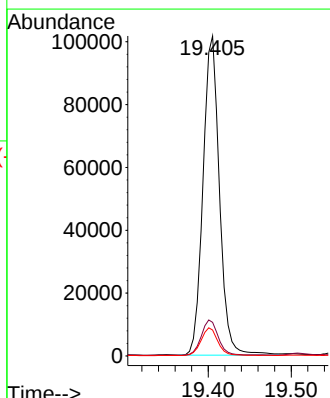
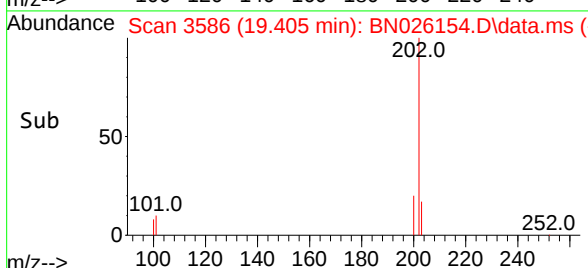
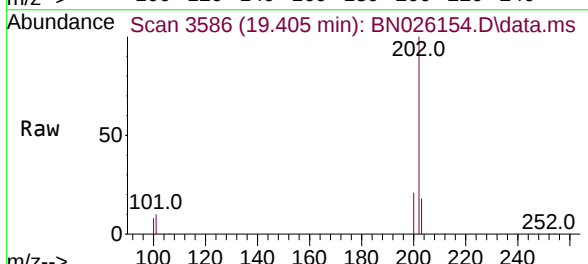
Manual Integrations
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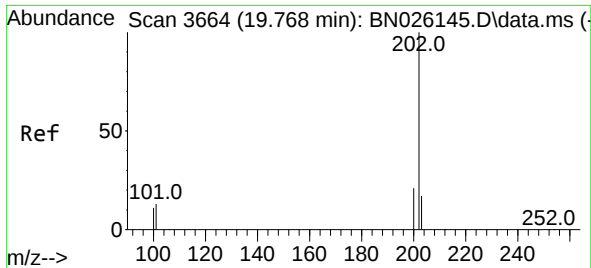
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 1.403 ng/ul
 RT: 19.405 min Scan# 3586
 Delta R.T. -0.005 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

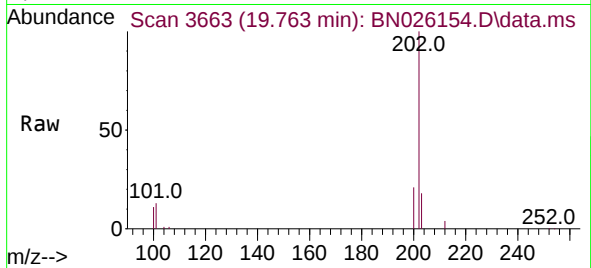
Tgt Ion:	202	Resp:	140438
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.5	14.3
100	8.1	7.3	10.9





#20
Pyrene
Concen: 1.275 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

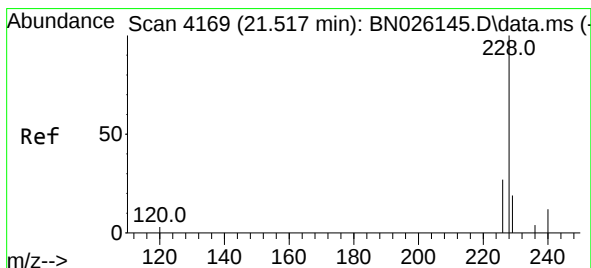
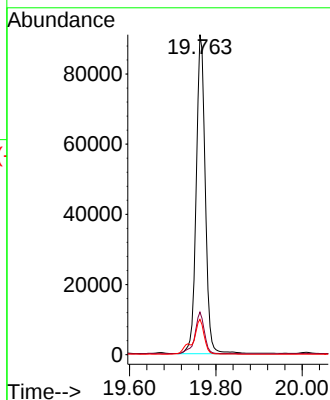
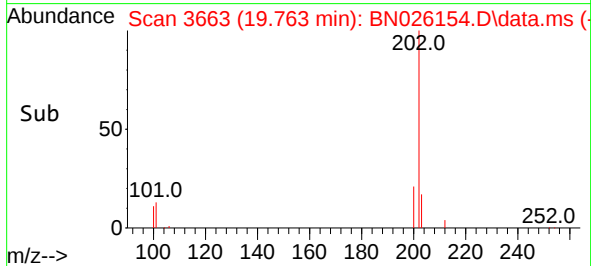
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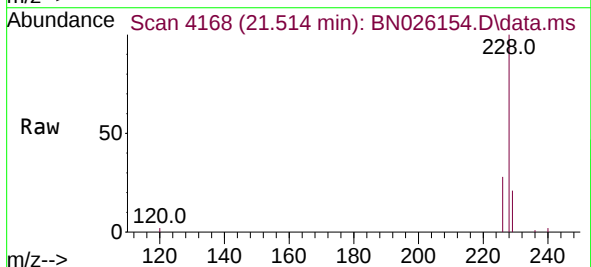
Tgt Ion:202 Resp: 132800
Ion Ratio Lower Upper
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101 13.3 11.4 17.0
100 11.1 9.1 13.7

Manual Integrations
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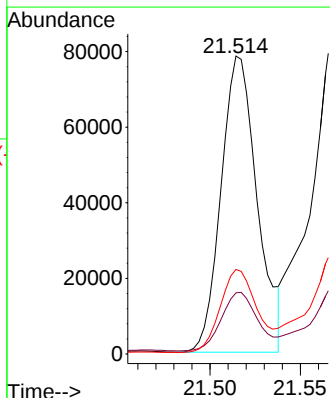
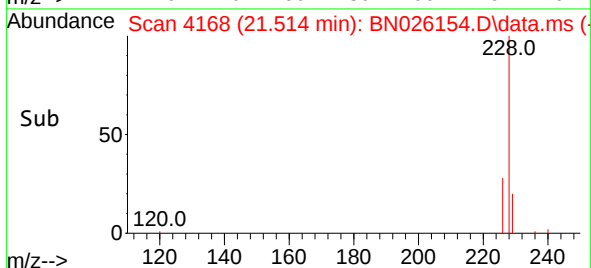
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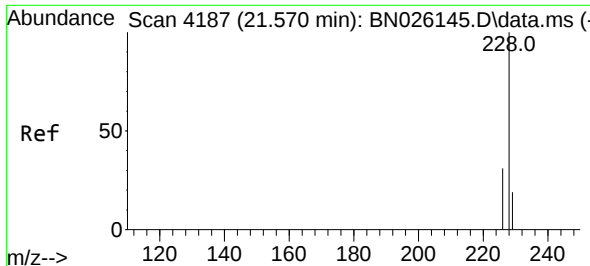


#21
Benzo(a)anthracene
Concen: 1.407 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39



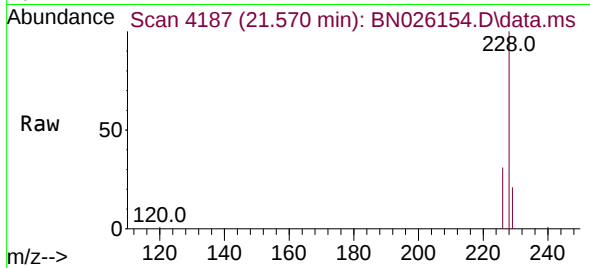
Tgt Ion:228 Resp: 108834
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.4 22.5 33.7





#22
Chrysene
Concen: 1.776 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

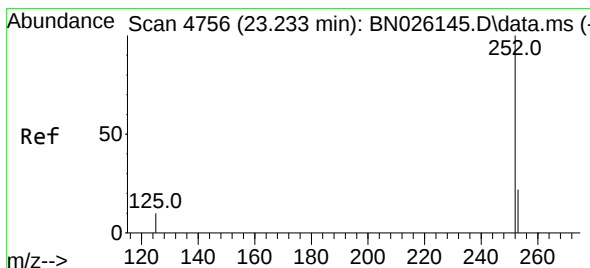
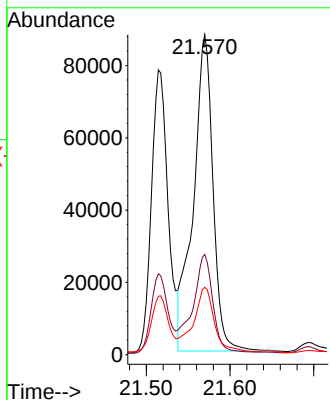
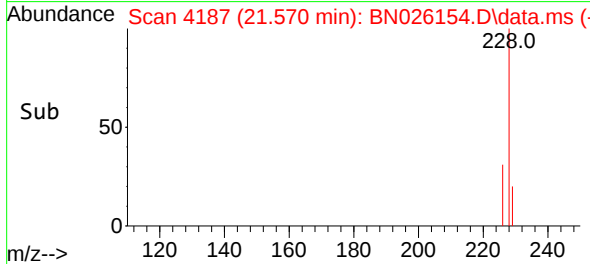
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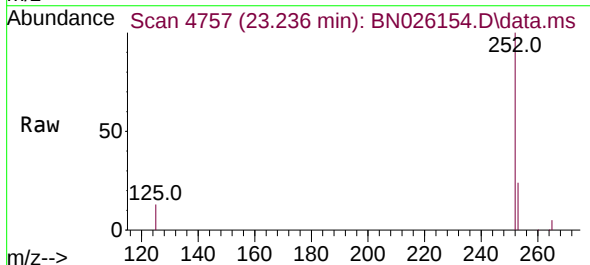
Tgt Ion:228 Resp: 142936
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 21.0 15.7 23.5

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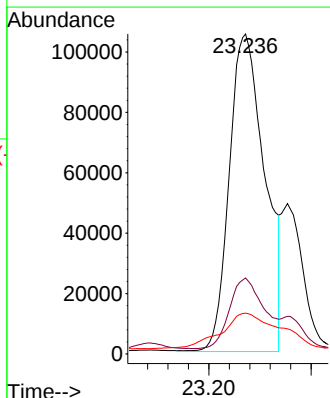
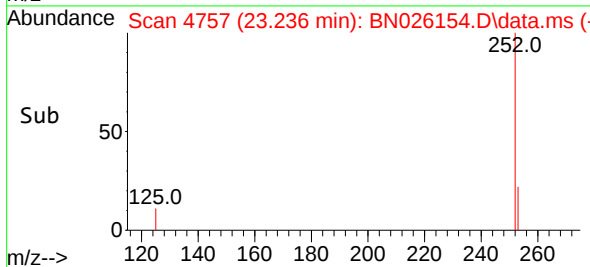
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

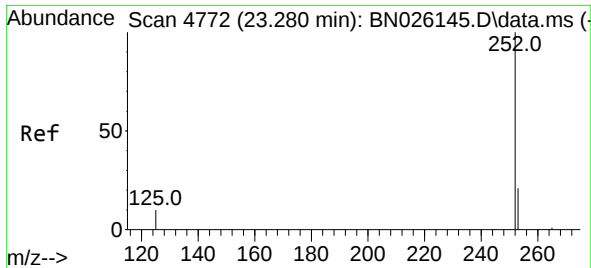


#24
Benzo(b)fluoranthene
Concen: 3.097 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.007 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39



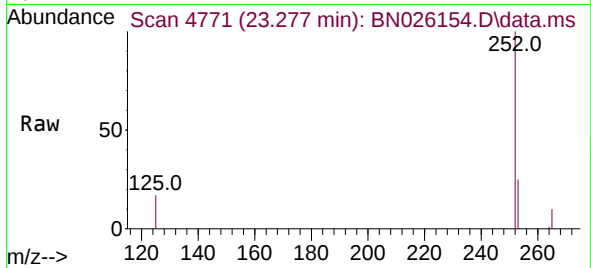
Tgt Ion:252 Resp: 252906
Ion Ratio Lower Upper
252 100
253 23.8 0.0 55.6
125 12.7 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.895 ng/ul m
RT: 23.277 min Scan# 4772
Delta R.T. -0.015 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39

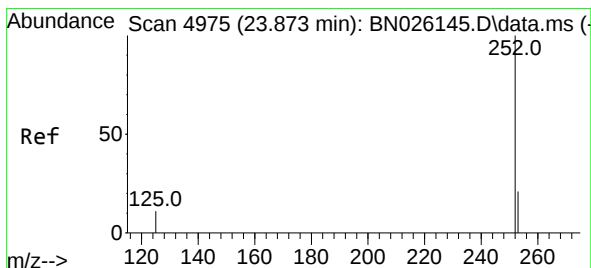
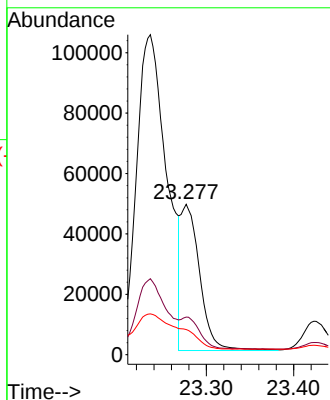
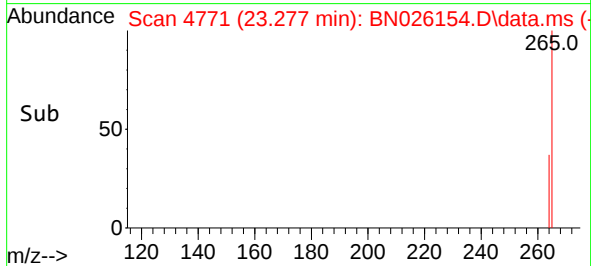
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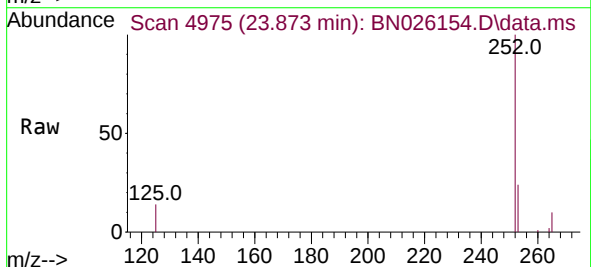
Tgt Ion:252 Resp: 73369
Ion Ratio Lower Upper
252 100
253 25.0 23.2 34.8
125 16.8 15.0 22.4

Manual Integrations
APPROVED

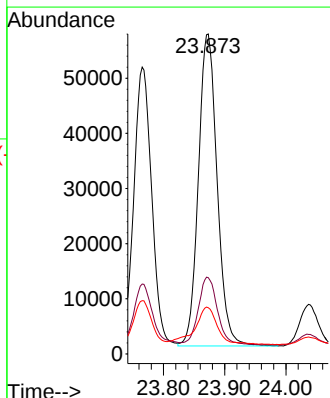
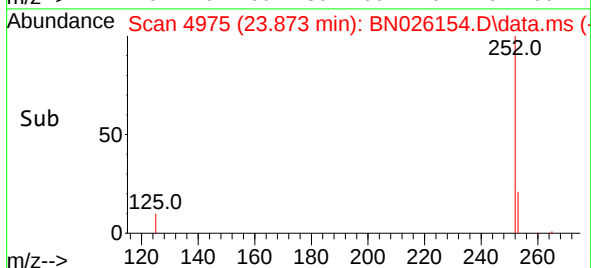
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

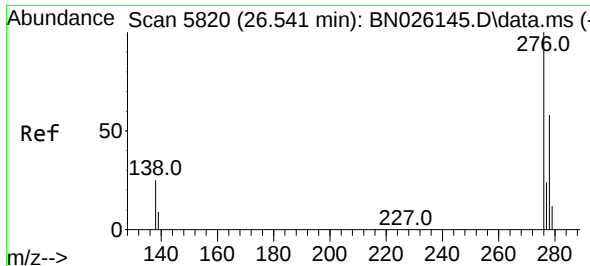


#26
Benzo(a)pyrene
Concen: 1.700 ng/ul
RT: 23.873 min Scan# 4975
Delta R.T. -0.012 min
Lab File: BN026154.D
Acq: 01 Jul 2023 16:39



Tgt Ion:252 Resp: 120535
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0#
125 14.4 17.3 25.9#





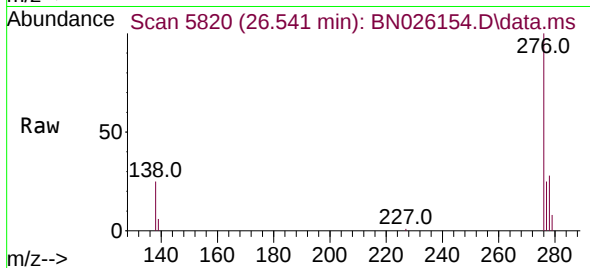
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.388 ng/ul
 RT: 26.541 min Scan# 5820
 Delta R.T. -0.017 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

Instrument :

BNA_N

ClientSampleId :

DCFY2DL

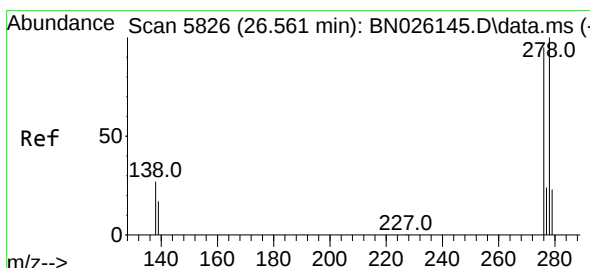
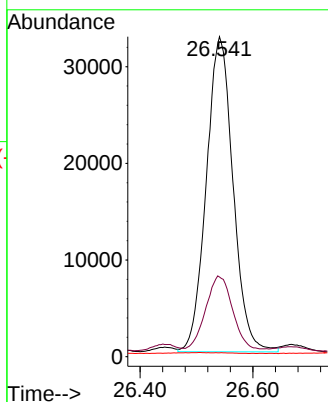
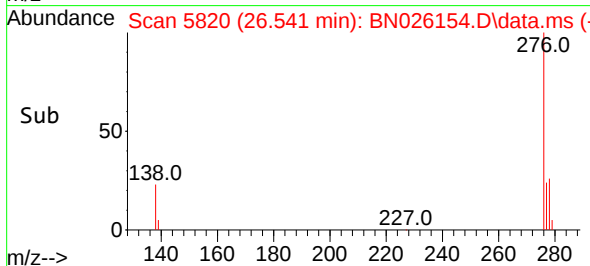


Tgt Ion:276 Resp: 107509
 Ion Ratio Lower Upper
 276 100
 138 24.5 24.5 36.7
 227 0.0 0.0 0.0

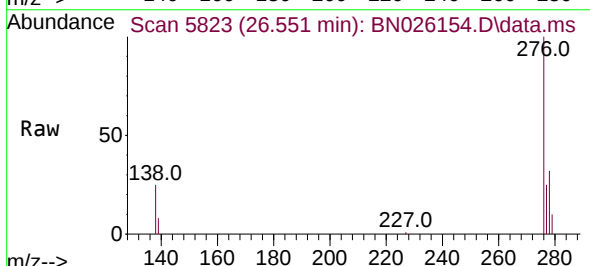
Manual Integrations

APPROVED

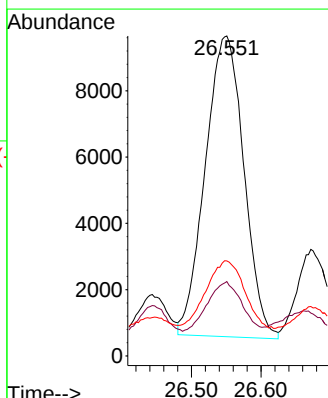
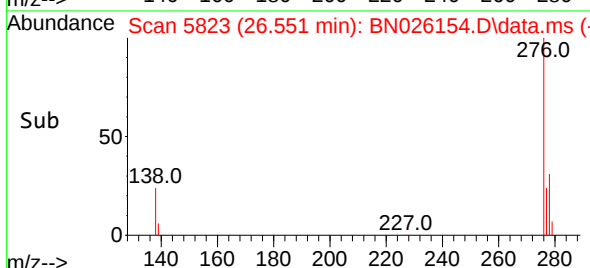
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

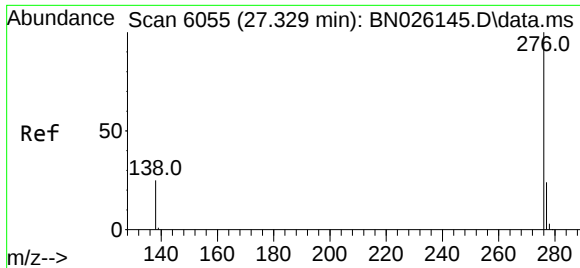


#28
 Dibenzo(a,h)anthracene
 Concen: 0.598 ng/ul
 RT: 26.551 min Scan# 5823
 Delta R.T. -0.027 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39



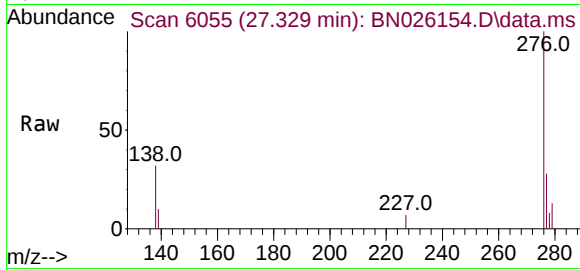
Tgt Ion:278 Resp: 35035
 Ion Ratio Lower Upper
 278 100
 139 23.3 19.0 28.4
 279 29.7 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.276 ng/ul
 RT: 27.329 min Scan# 6055
 Delta R.T. -0.017 min
 Lab File: BN026154.D
 Acq: 01 Jul 2023 16:39

Instrument :
 BNA_N
 ClientSampleId :
 DCFY2DL



Tgt Ion:	276	Resp:	1901
Ion Ratio	Lower	Upper	
276	100		
138	32.1	23.4	35.0
277	28.2	20.0	30.0

Manual Integrations
 APPROVED

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

