

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026124.D
 Acq On : 30 Jun 2023 10:54
 Operator : MA/JU
 Sample : 03239-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:54:29 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 Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	11001	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.770	136	34756	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	20175	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.348	188	37787	0.400	ng/ul	-0.01
17) Chrysene-d12	21.538	240	20014	0.400	ng/ul	# 0.00
23) Perylene-d12	24.003	264	21419	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	22676	1.830	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	7026	0.131	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	10780	0.142	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	27617	0.277	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	14918	0.235	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	11273	0.172	ng/ul	98
10) Acenaphthylene	14.321	152	51993	0.550	ng/ul	99
11) Acenaphthene	14.663	153	16737	0.217	ng/ul	99
12) Fluorene	15.649	166	15852	0.179	ng/ul#	98
15) Phenanthrene	17.390	178	522392	4.185	ng/ul	99
16) Anthracene	17.479	178	83088	0.749	ng/ul	99
19) Fluoranthene	19.406	202	1288274	12.051	ng/ul	97
20) Pyrene	19.768	202	854754	7.688	ng/ul	97
21) Benzo(a)anthracene	21.521	228	427202	5.174	ng/ul	98
22) Chrysene	21.579	228	513186	5.974	ng/ul	98
24) Benzo(b)fluoranthene	23.254	252	800670m	8.758	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	251695m	2.742	ng/ul	
26) Benzo(a)pyrene	23.897	252	306659	3.862	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.588	276	317632	3.662	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.592	278	94758	1.444	ng/ul	98
29) Benzo(g,h,i)perylene	27.383	276	27620	0.358	ng/ul#	81

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

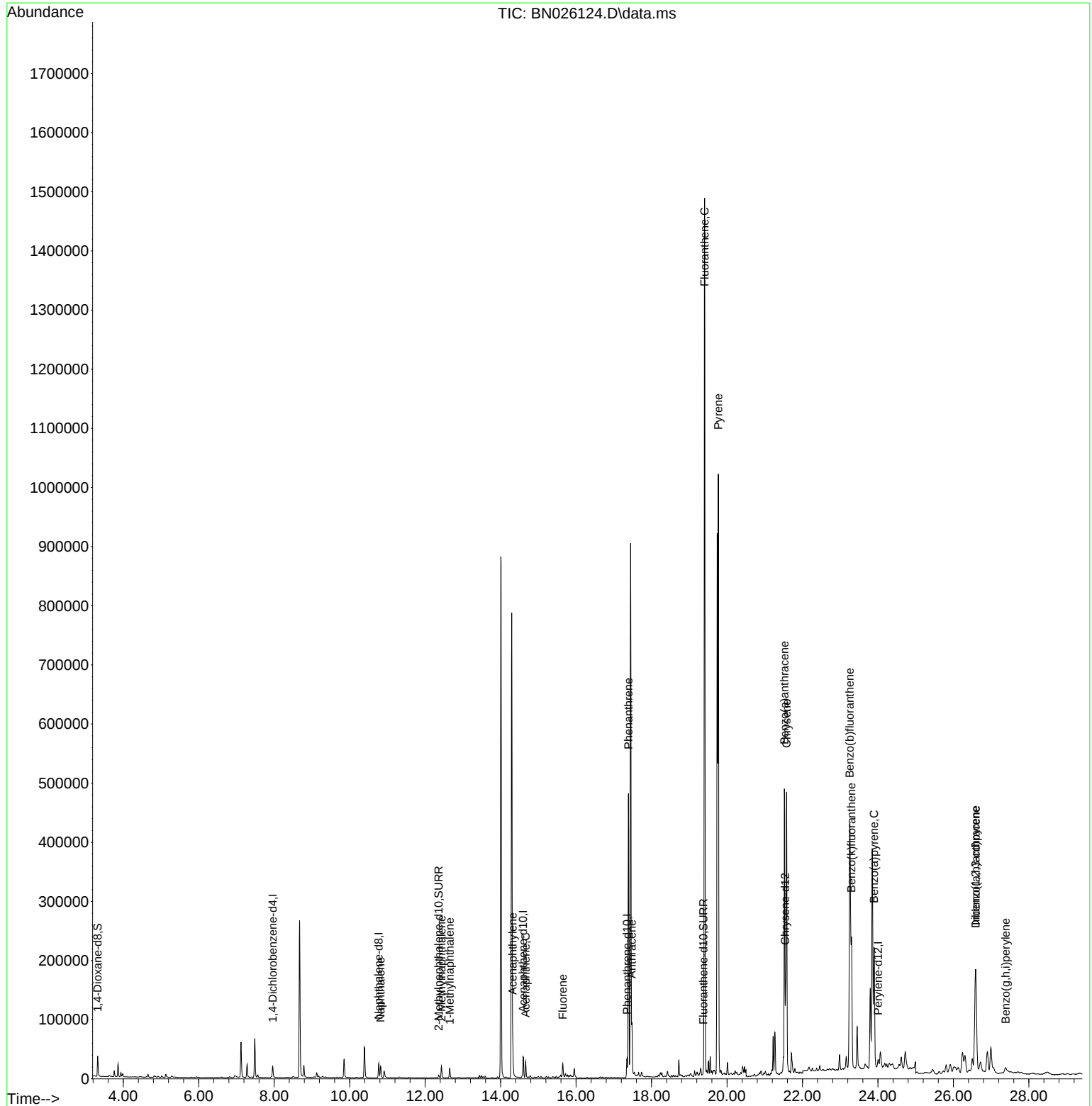
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026124.D
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ALS Vial : 6 Sample Multiplier: 1

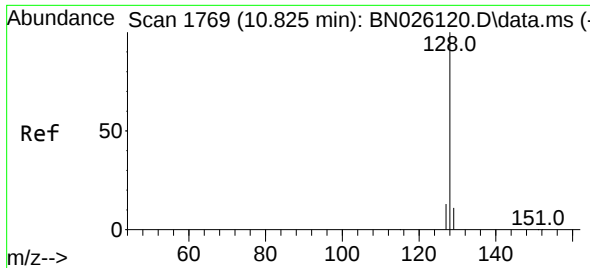
Instrument :
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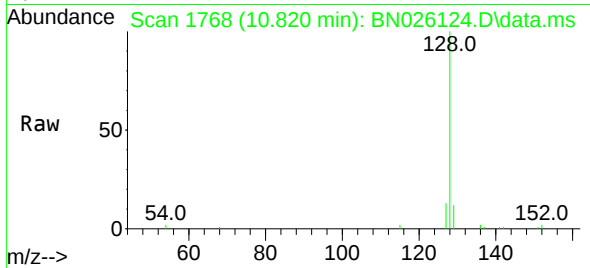
Quant Time: Jul 01 00:54:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.820 min Scan# 1769
Delta R.T. -0.017 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

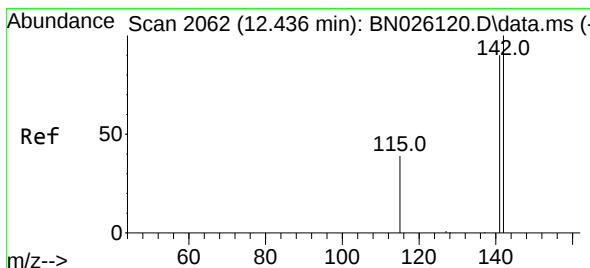
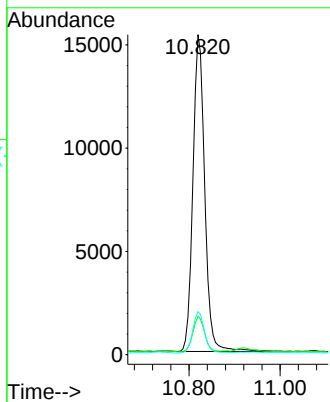
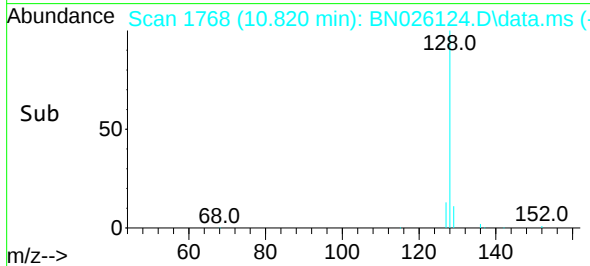
Instrument :
BNA_N
ClientSampleId :
DCFY9



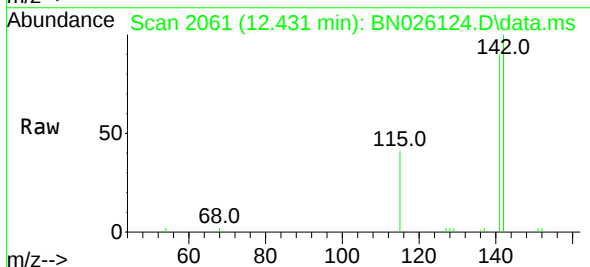
Tgt Ion:128 Resp: 2761
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.4 10.7 16.1

Manual Integrations
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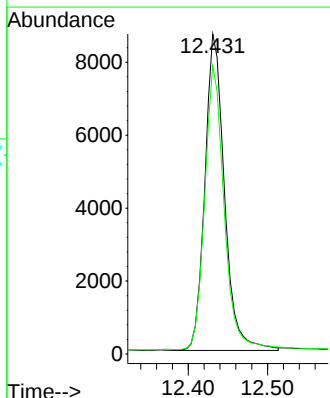
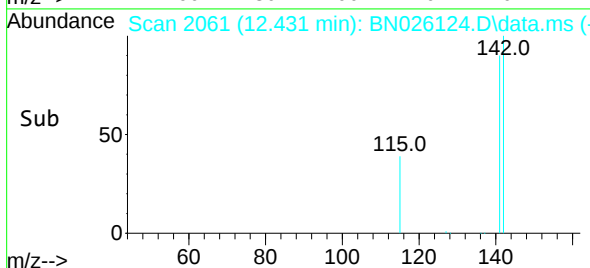
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

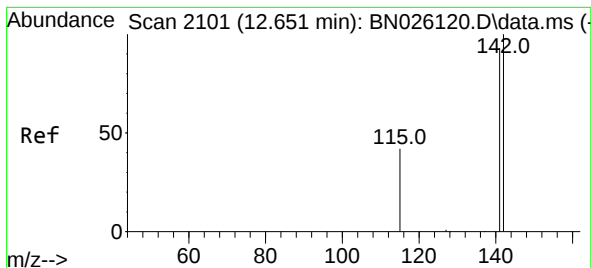


#7
2-Methylnaphthalene
Concen: 0.235 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.016 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54



Tgt Ion:142 Resp: 14918
Ion Ratio Lower Upper
142 100
141 88.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.172 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. -0.011 min

Lab File: BN026124.D

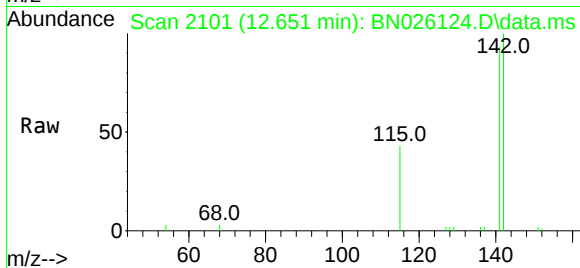
Acq: 30 Jun 2023 10:54

Instrument :

BNA_N

ClientSampleId :

DCFY9



Tgt Ion:142 Resp: 1127

Ion Ratio Lower Upper

142 100

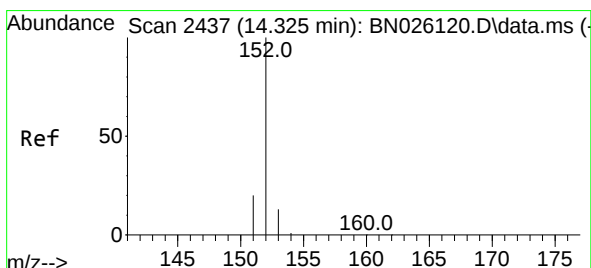
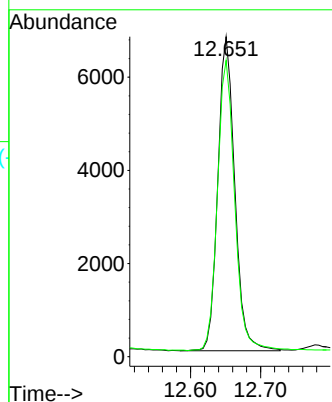
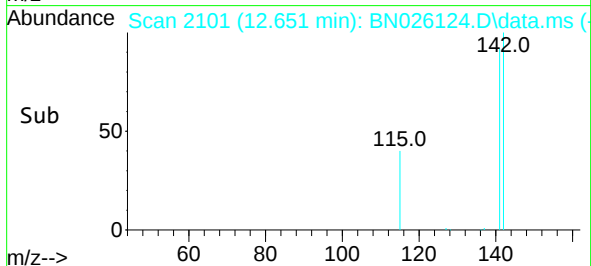
141 94.3 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#10

Acenaphthylene

Concen: 0.550 ng/ul

RT: 14.321 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BN026124.D

Acq: 30 Jun 2023 10:54

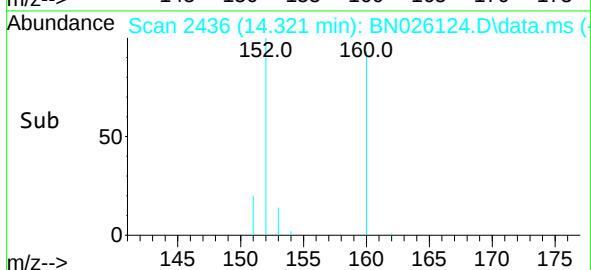
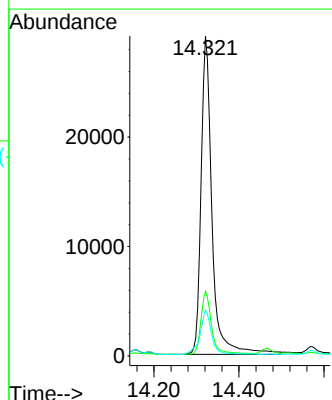
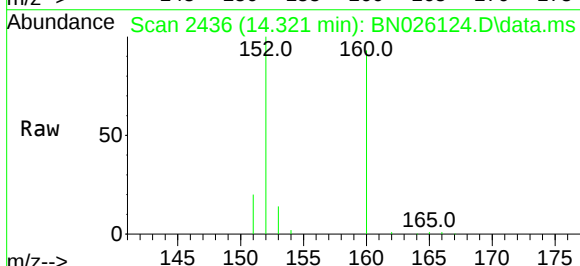
Tgt Ion:152 Resp: 51993

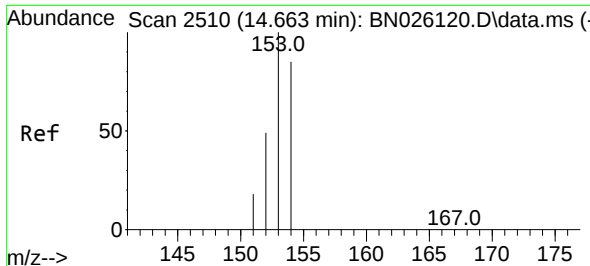
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

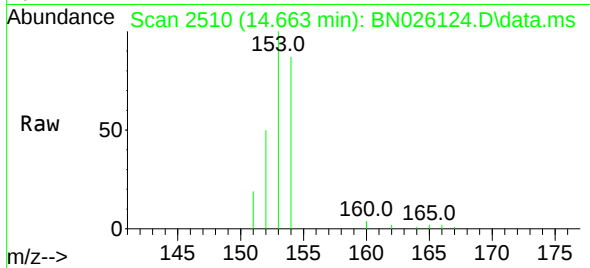
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.217 ng/u1
RT: 14.663 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

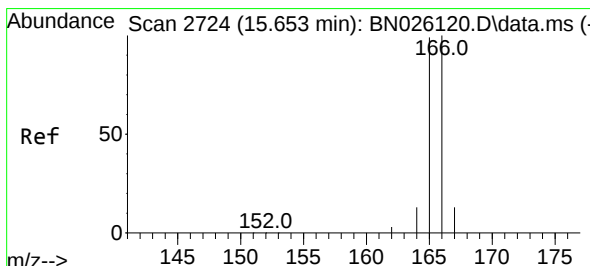
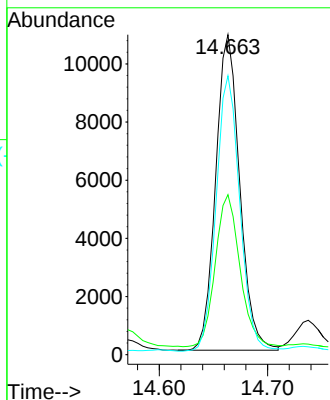
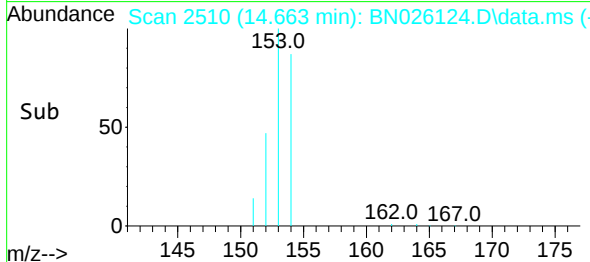
Instrument :
BNA_N
ClientSampleId :
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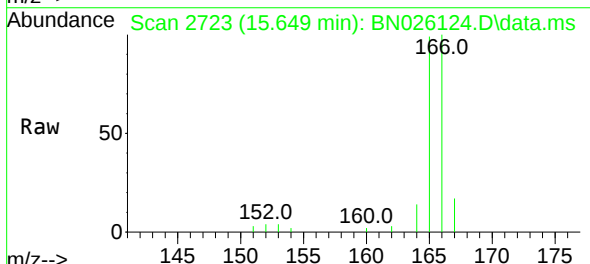
Tgt Ion:153 Resp: 1673
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 87.2 68.9 103.3

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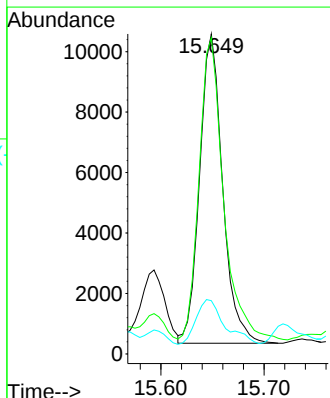
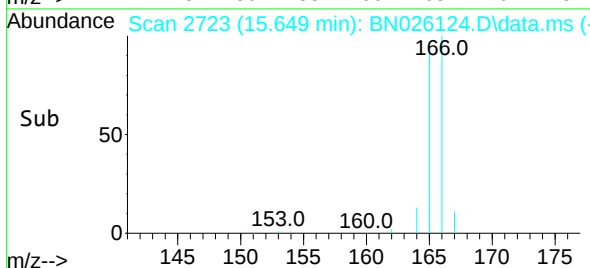
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

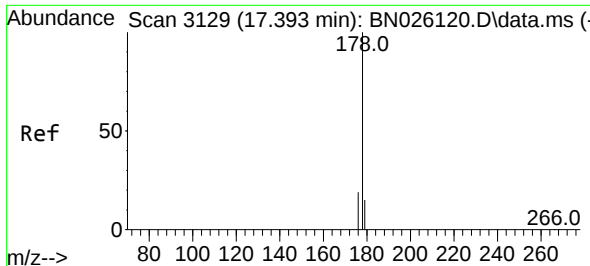


#12
Fluorene
Concen: 0.179 ng/u1
RT: 15.649 min Scan# 2723
Delta R.T. -0.013 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54



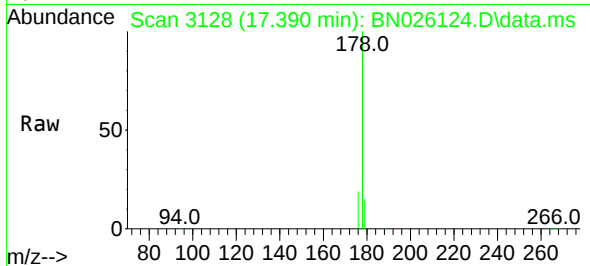
Tgt Ion:166 Resp: 15852
Ion Ratio Lower Upper
166 100
165 98.8 79.9 119.9
167 16.7 10.8 16.2#





#15
Phenanthrene
Concen: 4.185 ng/ul
RT: 17.390 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

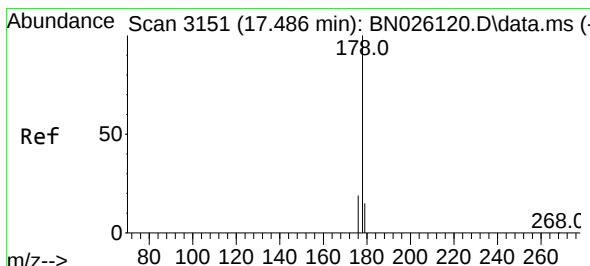
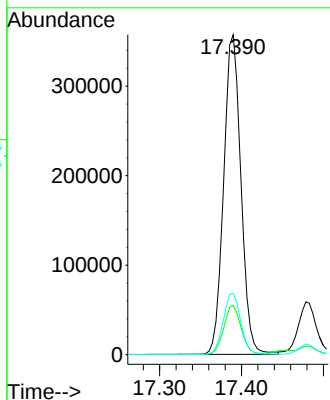
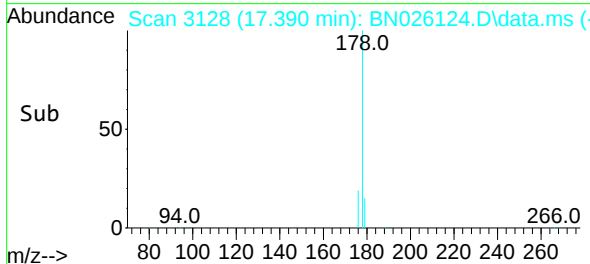
Instrument :
BNA_N
ClientSampleId :
DCFY9



Tgt Ion:178 Resp: 522392
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.8 23.6

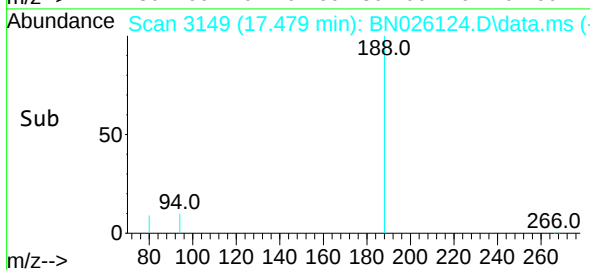
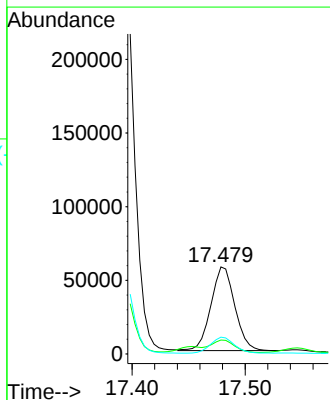
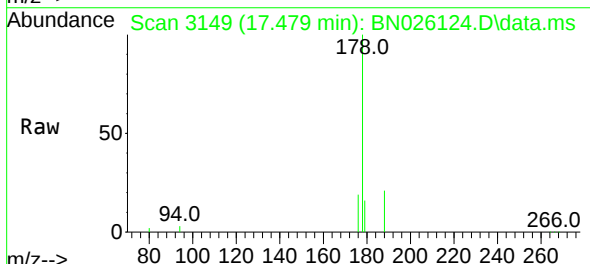
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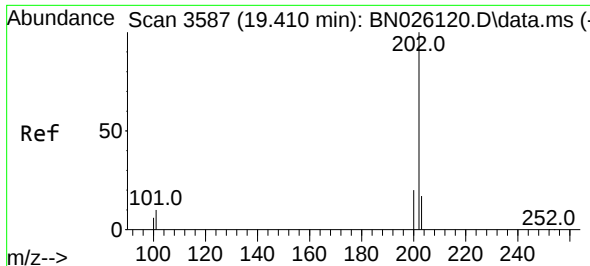
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.749 ng/ul
RT: 17.479 min Scan# 3149
Delta R.T. -0.016 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

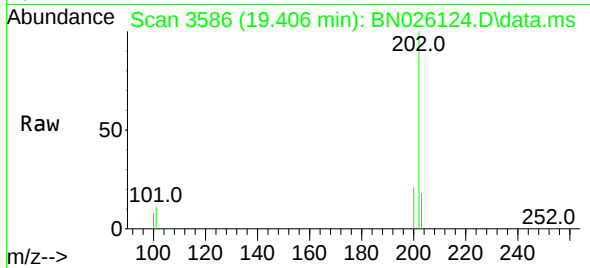
Tgt Ion:178 Resp: 83088
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.3 15.1 22.7





#19
Fluoranthene
Concen: 12.051 ng/u1
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

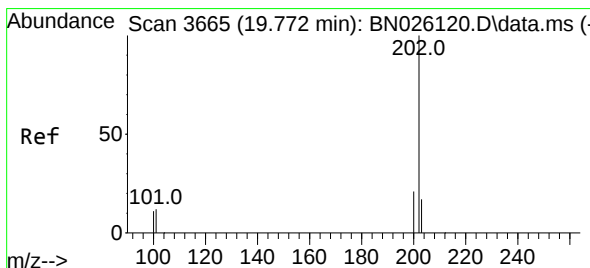
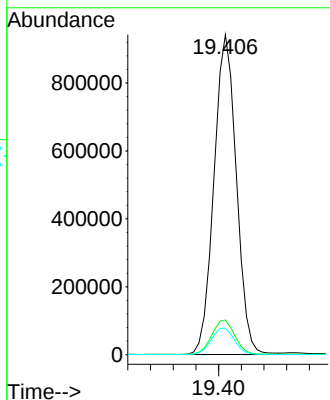
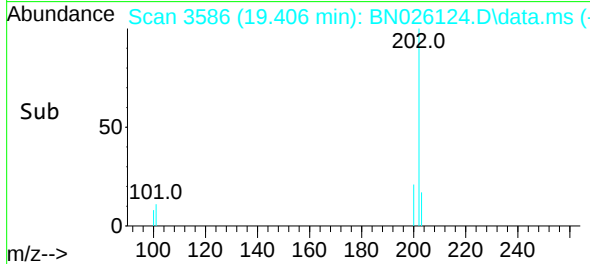
Instrument :
BNA_N
ClientSampleId :
DCFY9



Tgt Ion:202 Resp: 1288274
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.3 7.3 10.9

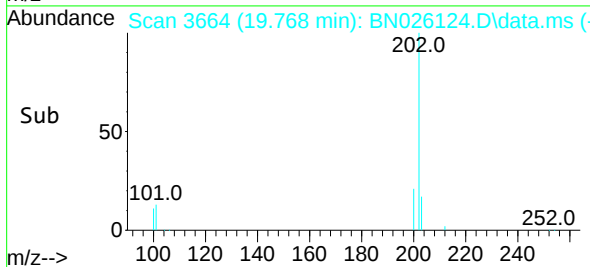
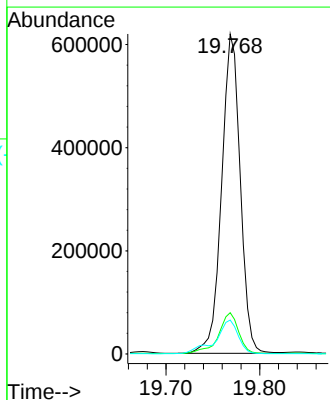
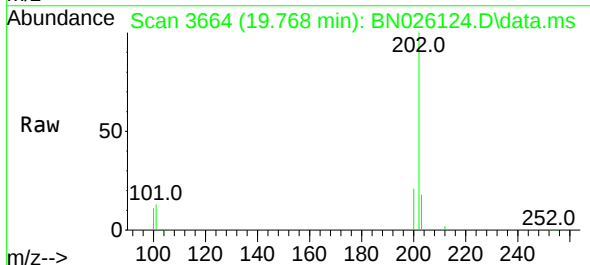
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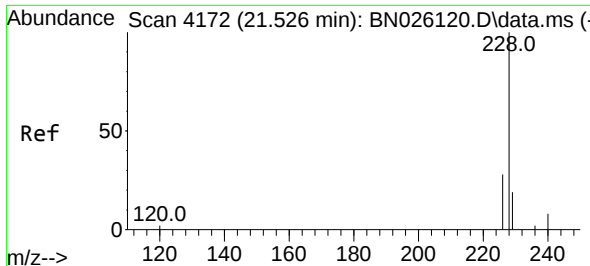
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 7.688 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

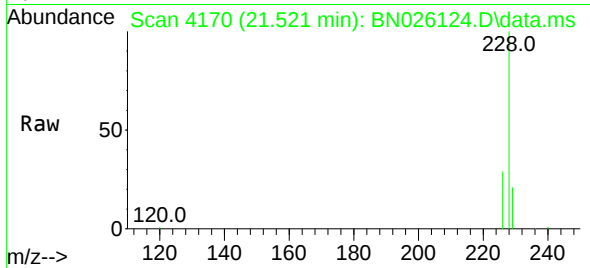
Tgt Ion:202 Resp: 854754
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.174 ng/ul
RT: 21.521 min Scan# 4170
Delta R.T. -0.008 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

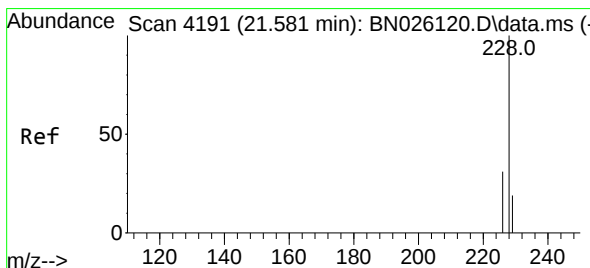
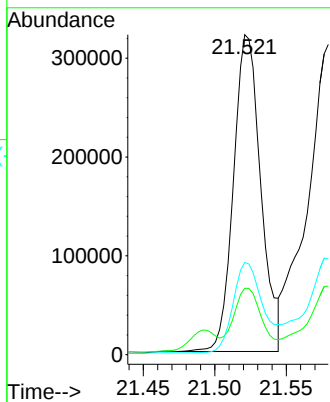
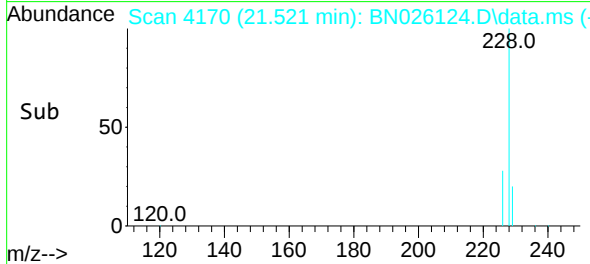
Instrument :
BNA_N
ClientSampleId :
DCFY9



Tgt Ion:228 Resp: 42720
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.8 22.5 33.7

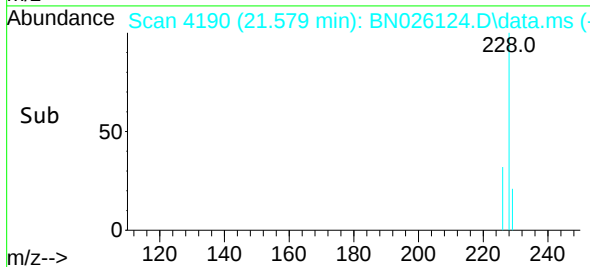
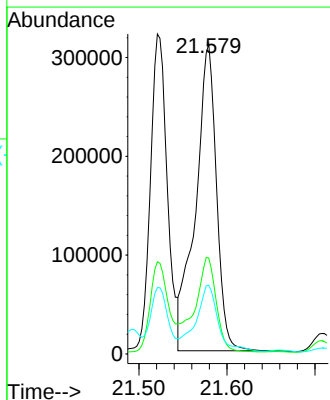
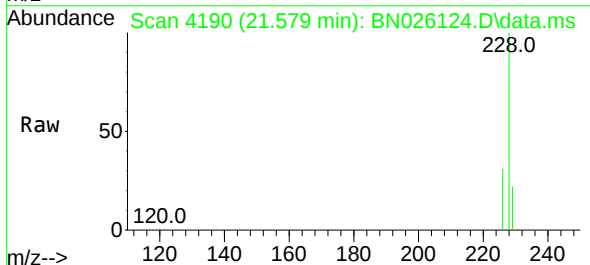
Manual Integrations
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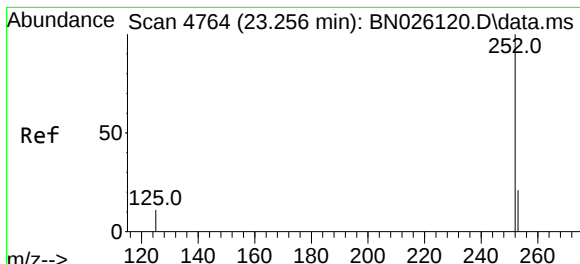
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 5.974 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.001 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

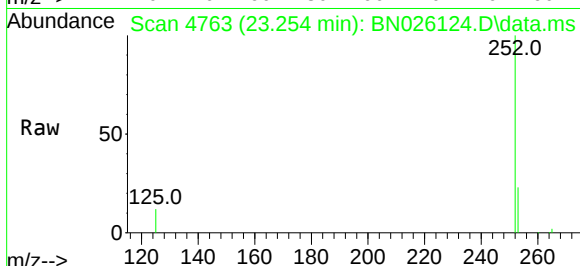
Tgt Ion:228 Resp: 513186
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.1 15.7 23.5





#24
 Benzo(b)fluoranthene
 Concen: 8.758 ng/ul m
 RT: 23.254 min Scan# 4763
 Delta R.T. 0.001 min
 Lab File: BN026124.D
 Acq: 30 Jun 2023 10:54

Instrument :
 BNA_N
 ClientSampleId :
 DCFY9

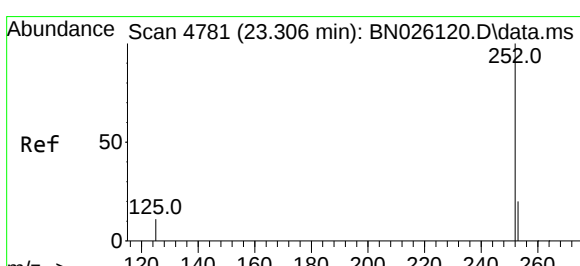
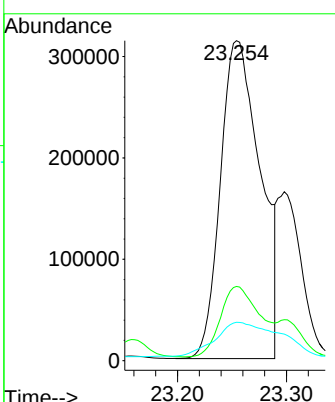
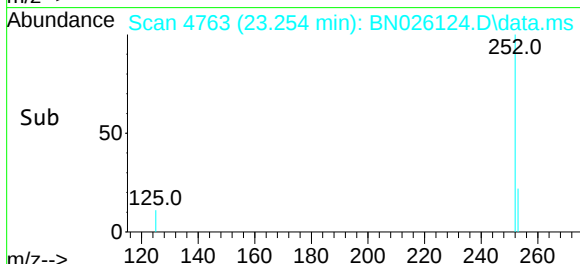


Tgt Ion:252 Resp: 800670

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	55.6
125	12.0	0.0	35.8

Manual Integrations
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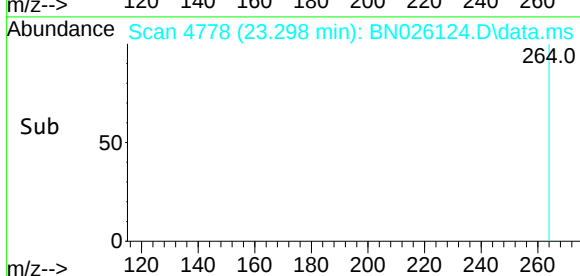
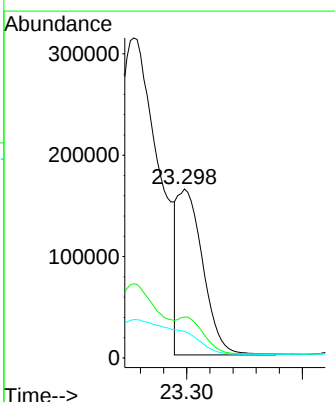
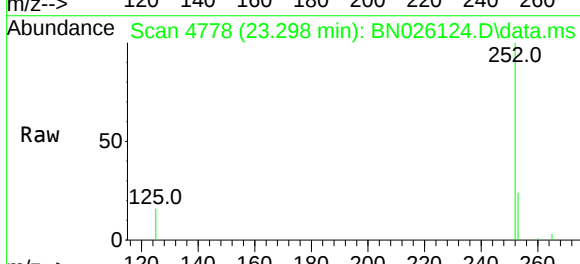
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

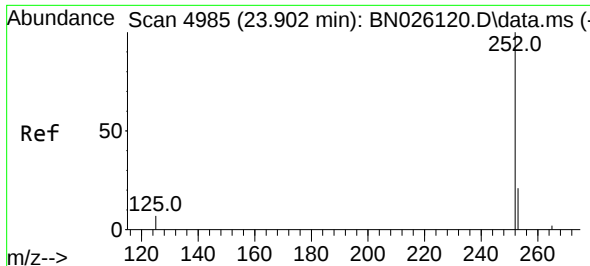


#25
 Benzo(k)fluoranthene
 Concen: 2.742 ng/ul m
 RT: 23.298 min Scan# 4778
 Delta R.T. -0.005 min
 Lab File: BN026124.D
 Acq: 30 Jun 2023 10:54

Tgt Ion:252 Resp: 251695

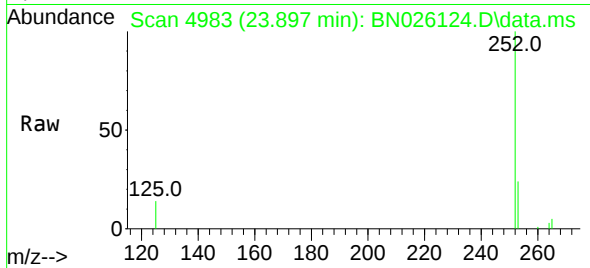
Ion	Ratio	Lower	Upper
252	100		
253	24.2	23.2	34.8
125	15.7	15.0	22.4





#26
Benzo(a)pyrene
Concen: 3.862 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. -0.008 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

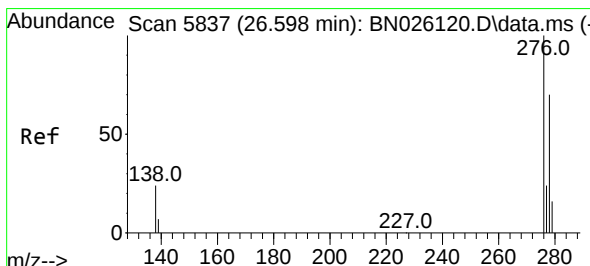
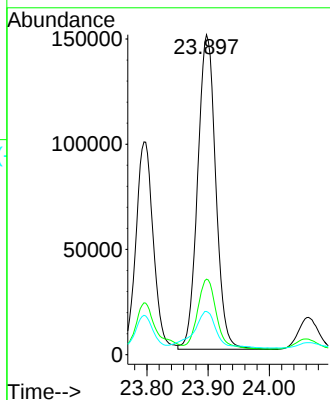
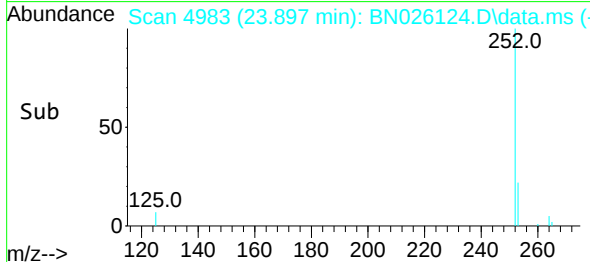
Instrument :
BNA_N
ClientSampleId :
DCFY9



Tgt Ion:252 Resp: 306659
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0
125 13.5 17.3 25.9

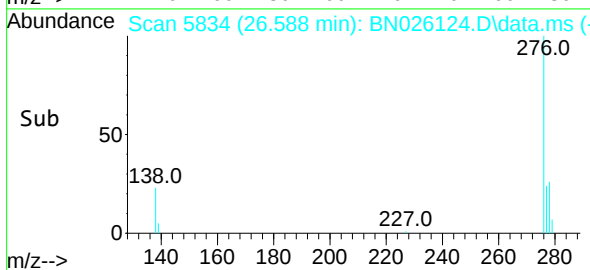
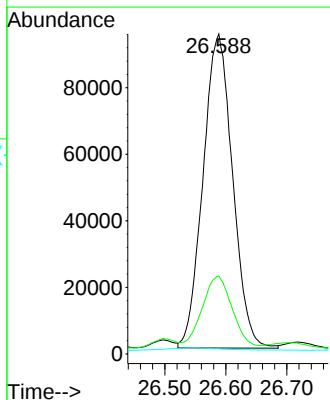
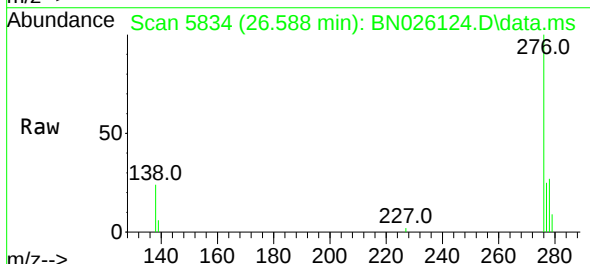
Manual Integrations
APPROVED

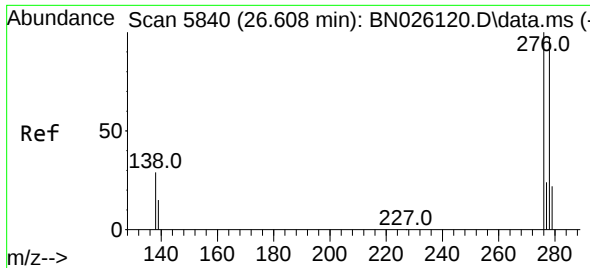
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.662 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.006 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

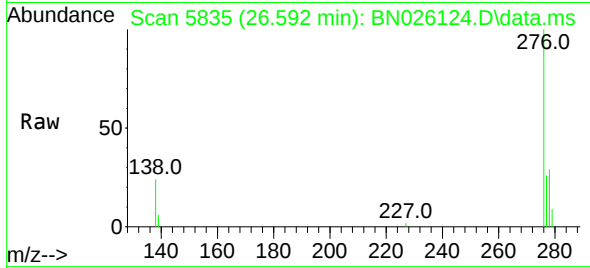
Tgt Ion:276 Resp: 317632
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.444 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. -0.023 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54

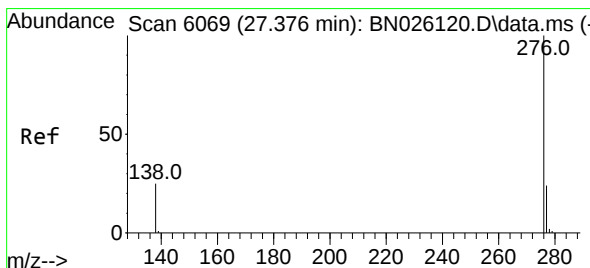
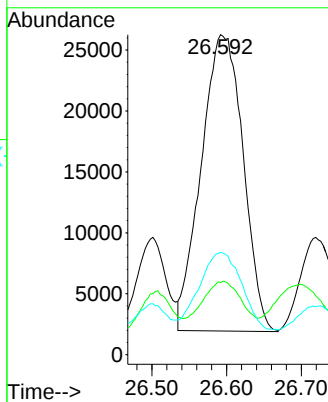
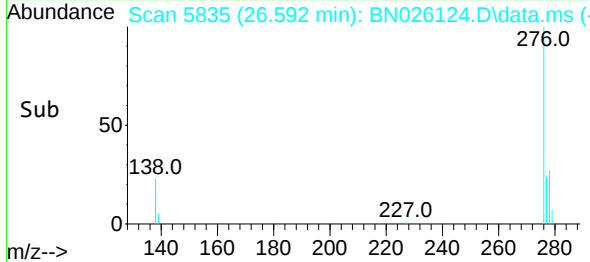
Instrument :
BNA_N
ClientSampleId :
DCFY9



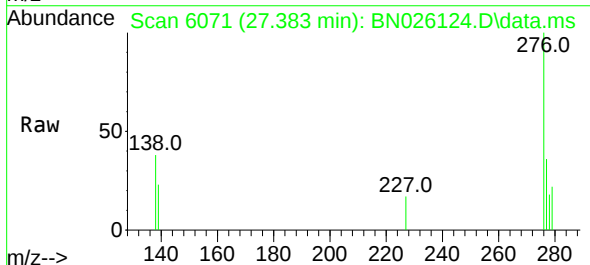
Tgt Ion:278 Resp: 94758
Ion Ratio Lower Upper
278 100
139 22.6 19.0 28.4
279 32.0 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. -0.002 min
Lab File: BN026124.D
Acq: 30 Jun 2023 10:54



Tgt Ion:276 Resp: 27620
Ion Ratio Lower Upper
276 100
138 38.5 23.4 35.0#
277 35.9 20.0 30.0#

