

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025986.D
 Acq On : 24 Jun 2023 02:20
 Operator : MA/JU
 Sample : 03083-18DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 02:49:04 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	22774	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	14175	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	31228	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	22792	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	18043	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	8351	1.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	2702	0.077	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	6904	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	47953	0.735	ng/ul	100
7) 2-Methylnaphthalene	12.451	142	14753	0.355	ng/ul	99
8) 1-Methylnaphthalene	12.666	142	8037	0.187	ng/ul	98
10) Acenaphthylene	14.338	152	125443	1.890	ng/ul	99
11) Acenaphthene	14.681	153	9382	0.173	ng/ul	98
12) Fluorene	15.666	166	8124	0.131	ng/ul#	98
15) Phenanthrene	17.401	178	200967	1.948	ng/ul	99
16) Anthracene	17.494	178	72101	0.786	ng/ul	100
19) Fluoranthene	19.418	202	759442	6.238	ng/ul	97
20) Pyrene	19.781	202	651946	5.149	ng/ul	95
21) Benzo(a)anthracene	21.525	228	357630	3.804	ng/ul	96
22) Chrysene	21.578	228	404420	4.134	ng/ul	98
24) Benzo(b)fluoranthene	23.247	252	628695m	8.164	ng/ul	
25) Benzo(k)fluoranthene	23.287	252	170613m	2.206	ng/ul	
26) Benzo(a)pyrene	23.884	252	346823	5.185	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.560	276	280228	3.836	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.570	278	65410	1.183	ng/ul	94
29) Benzo(g,h,i)perylene	27.355	276	265723	4.089	ng/ul	95

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

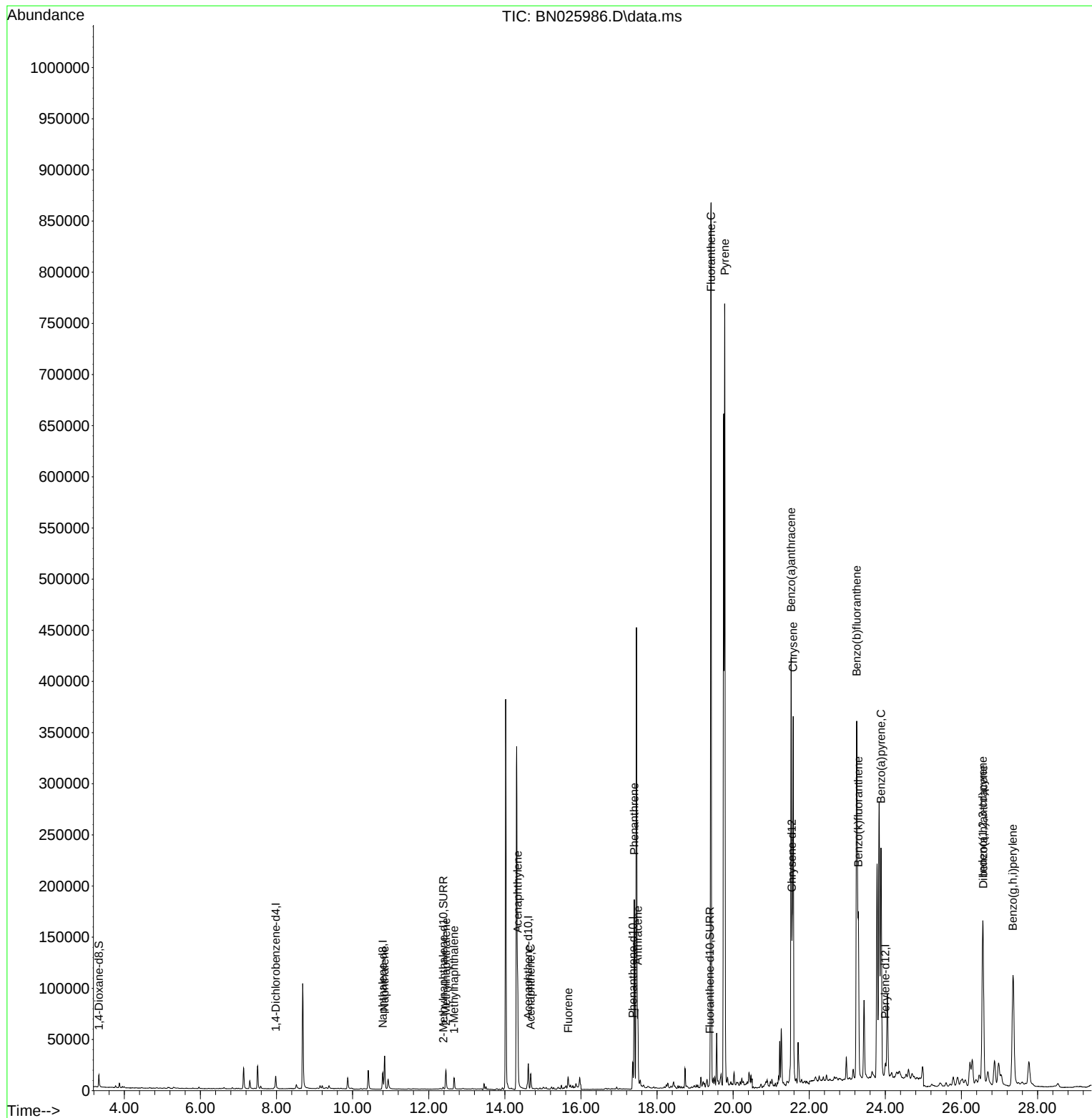
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025986.D
Acq On : 24 Jun 2023 02:20
Operator : MA/JU
Sample : 03083-18DL 5X
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ALS Vial : 14 Sample Multiplier: 1

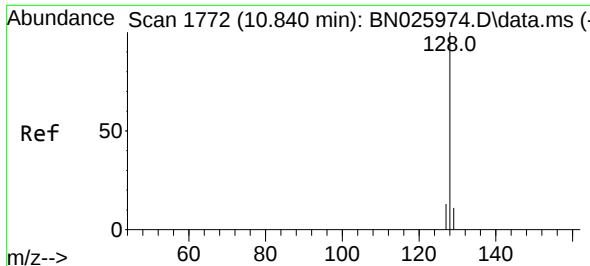
Instrument :
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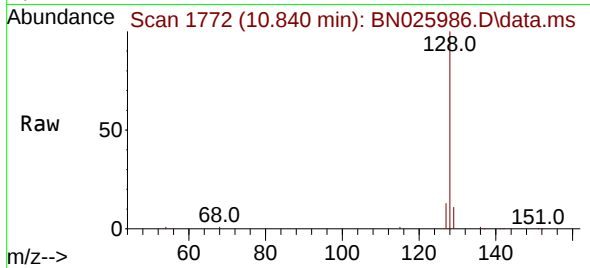
Quant Time: Jun 24 02:49:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.735 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

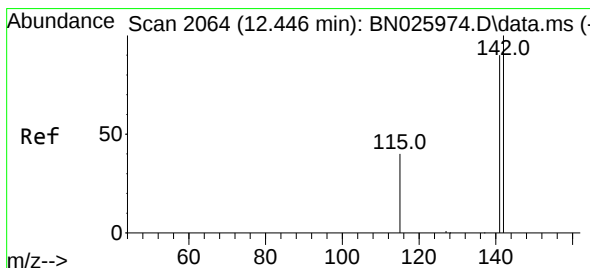
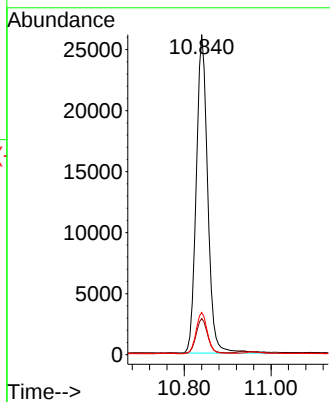
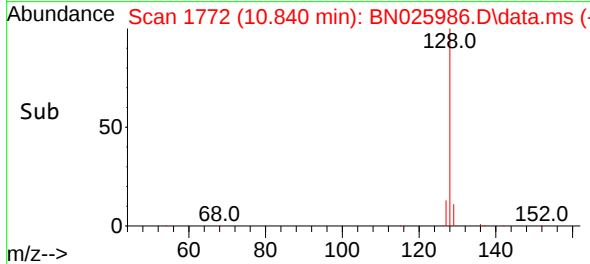
Instrument :
BNA_N
ClientSampleId :
DCFL6DL



Tgt Ion:128 Resp: 4795
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.7 16.1

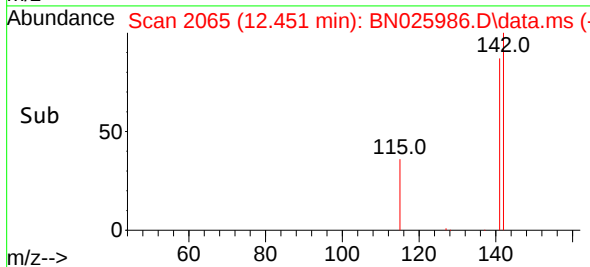
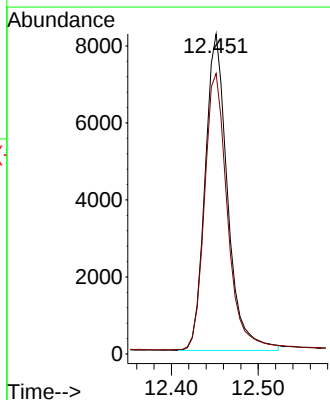
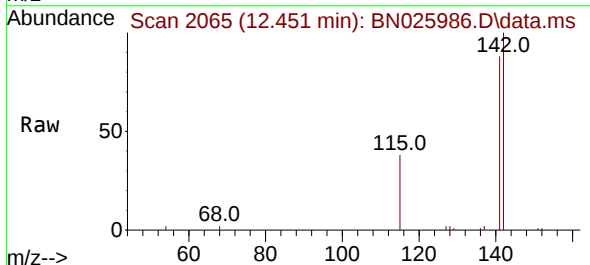
Manual Integrations
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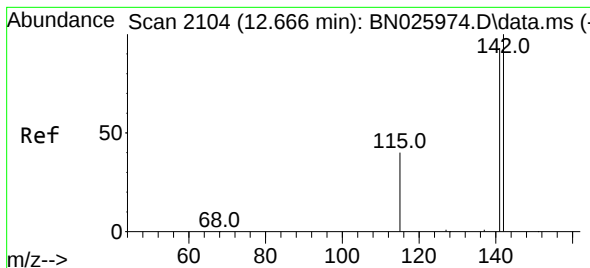
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

Tgt Ion:142 Resp: 14753
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.187 ng/ul

RT: 12.666 min Scan# 2104

Delta R.T. -0.007 min

Lab File: BN025986.D

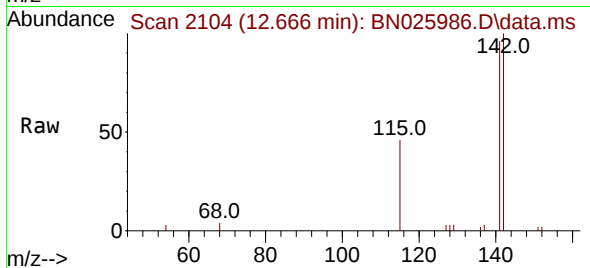
Acq: 24 Jun 2023 02:20

Instrument :

BNA_N

ClientSampleId :

DCFL6DL



Tgt Ion:142 Resp: 803

Ion Ratio Lower Upper

142 100

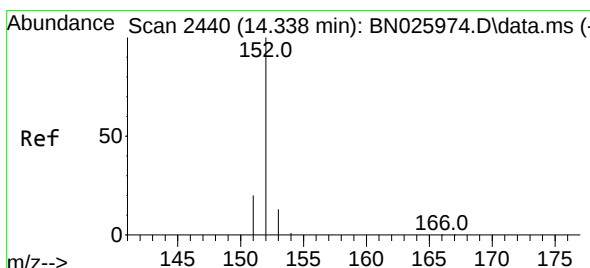
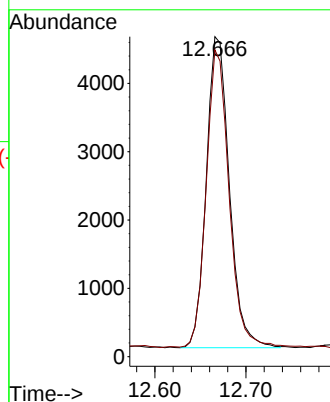
141 94.8 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2023

Supervised By :mohammad ahmed 06/25/2023



#10

Acenaphthylene

Concen: 1.890 ng/ul

RT: 14.338 min Scan# 2440

Delta R.T. -0.005 min

Lab File: BN025986.D

Acq: 24 Jun 2023 02:20

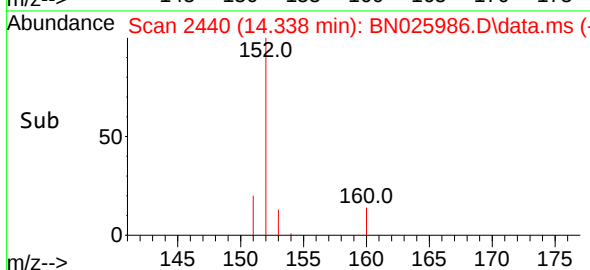
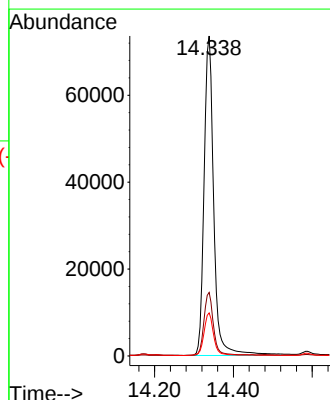
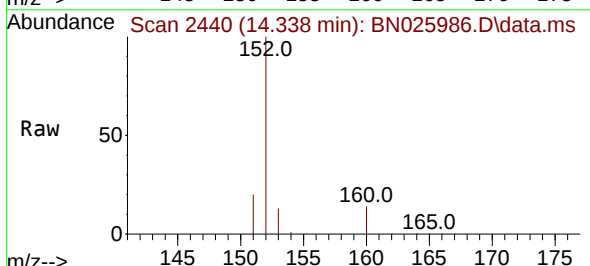
Tgt Ion:152 Resp: 125443

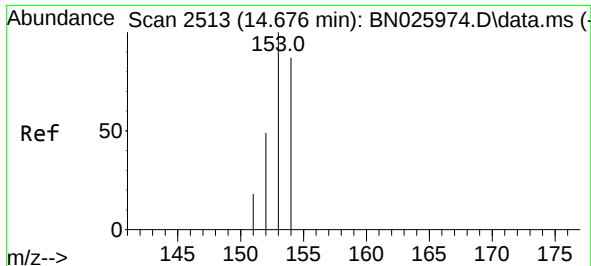
Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

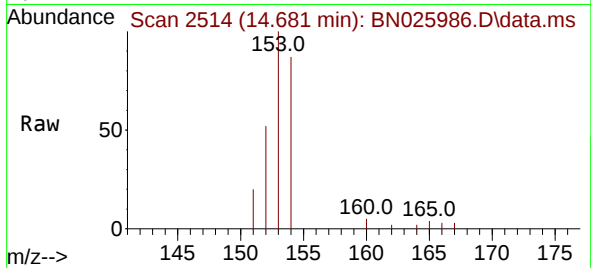
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.173 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.001 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

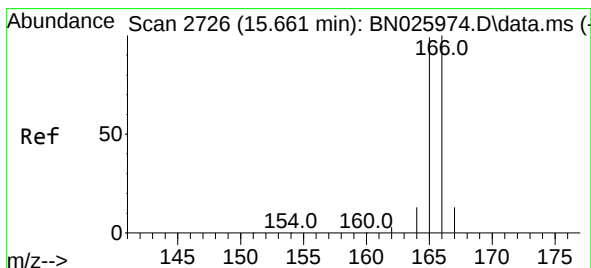
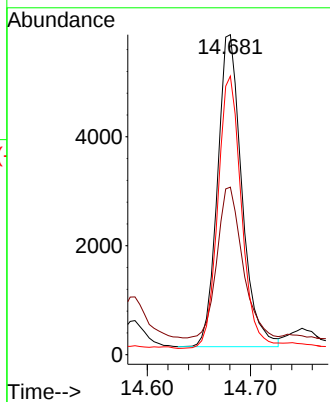
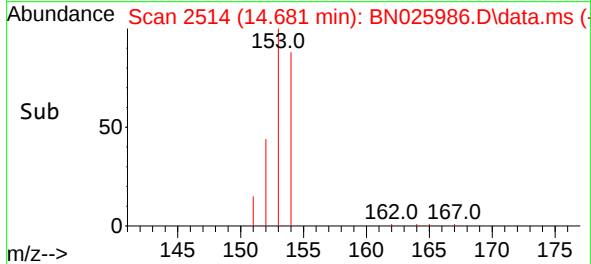
Instrument :
BNA_N
ClientSampleId :
DCFL6DL



Tgt Ion:153 Resp: 938
Ion Ratio Lower Upper
153 100
152 52.4 39.4 59.0
154 87.0 68.9 103.3

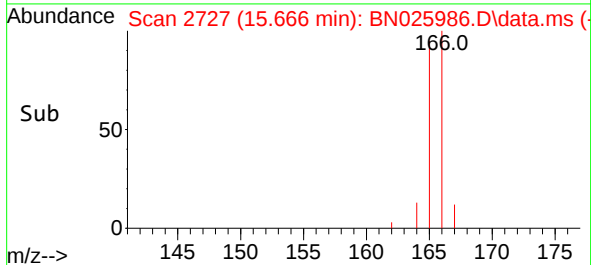
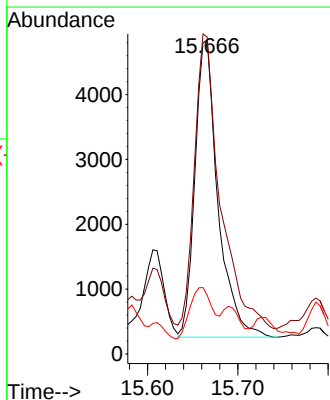
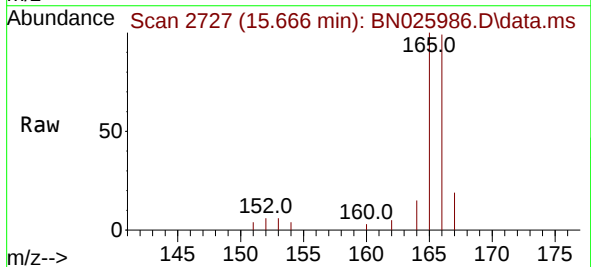
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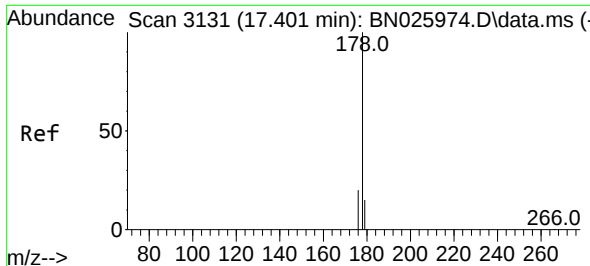
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.131 ng/ul
RT: 15.666 min Scan# 2727
Delta R.T. -0.001 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

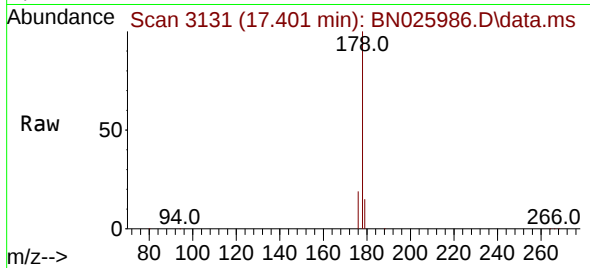
Tgt Ion:166 Resp: 8124
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 18.7 10.8 16.2#





#15
Phenanthrene
Concen: 1.948 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

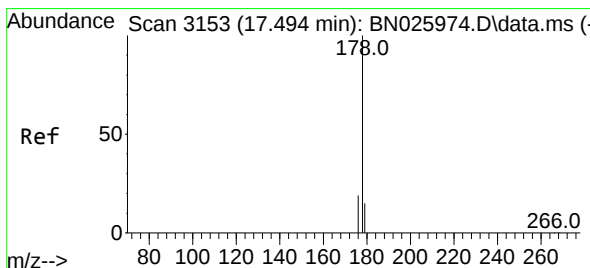
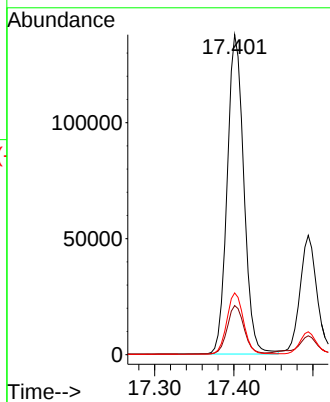
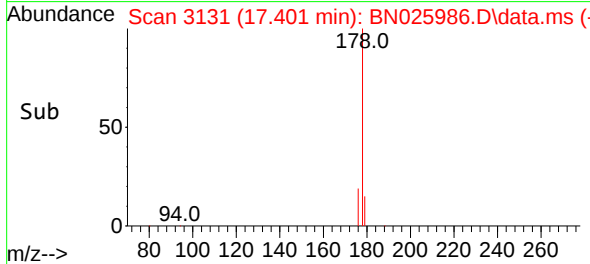
Instrument :
BNA_N
ClientSampleId :
DCFL6DL



Tgt Ion:178 Resp: 20096
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.8 23.6

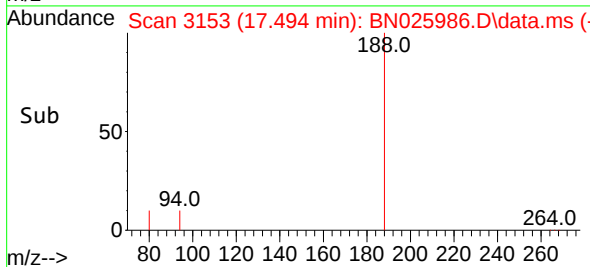
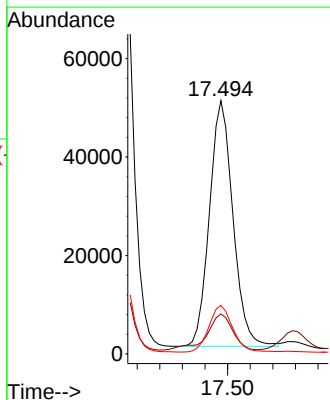
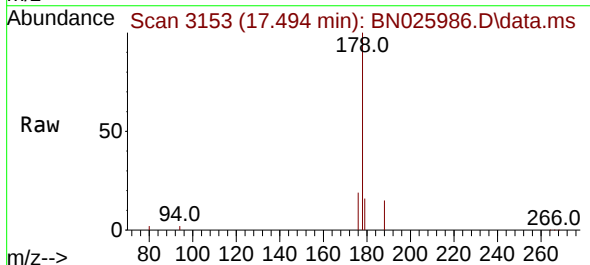
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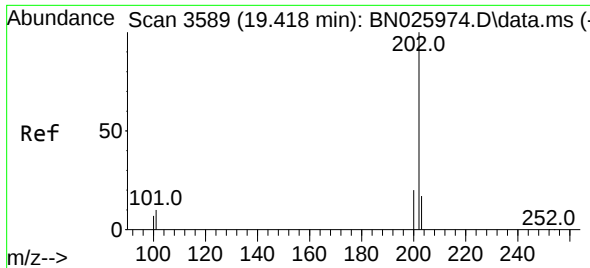
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.786 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

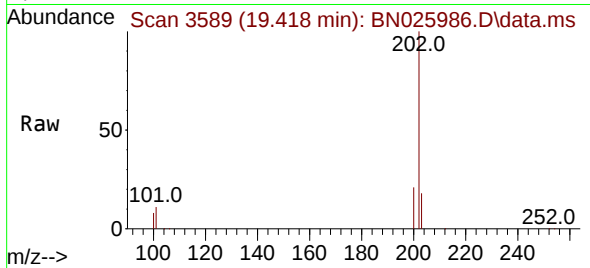
Tgt Ion:178 Resp: 72101
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.2 15.1 22.7





#19
Fluoranthene
Concen: 6.238 ng/u1
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

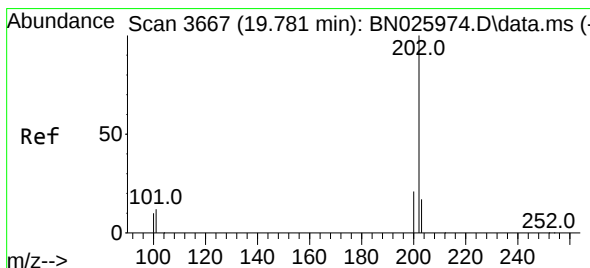
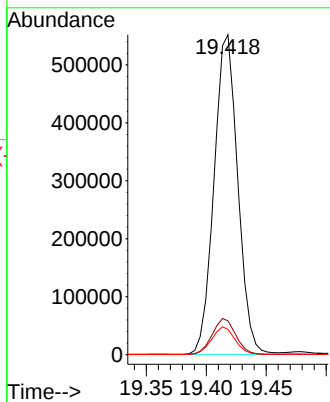
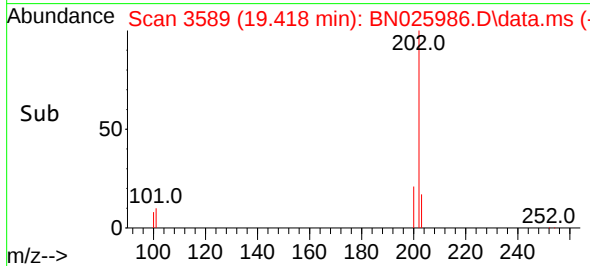
Instrument :
BNA_N
ClientSampleId :
DCFL6DL



Tgt Ion:202 Resp: 75944
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 7.9 7.3 10.9

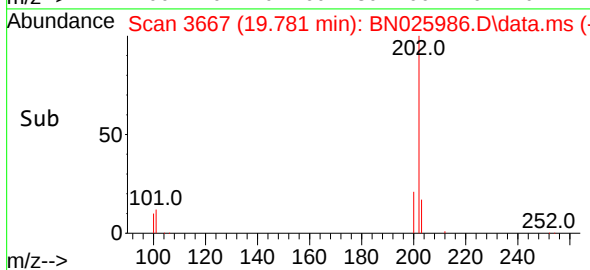
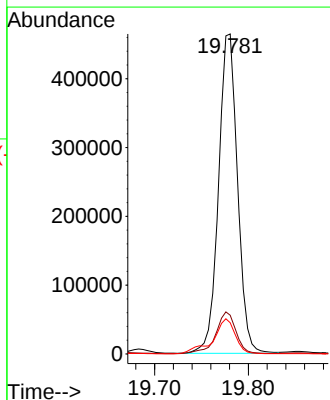
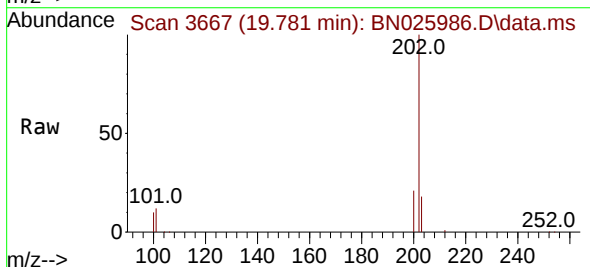
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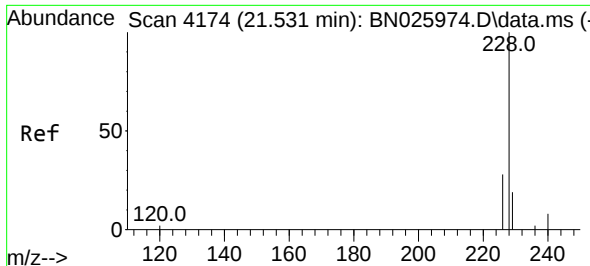
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 5.149 ng/u1
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

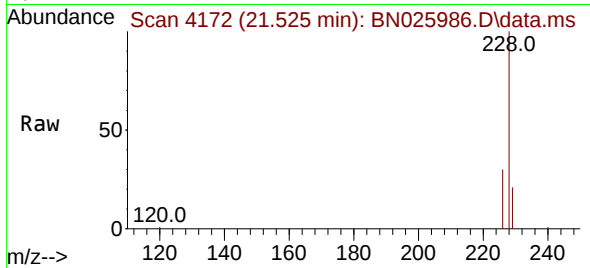
Tgt Ion:202 Resp: 651946
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.804 ng/u1
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

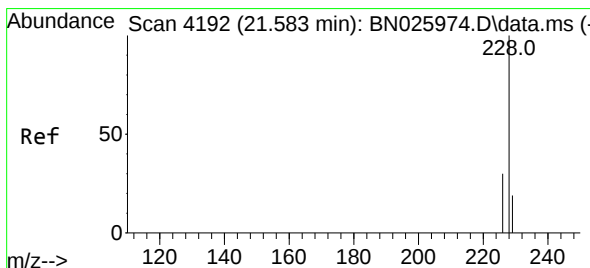
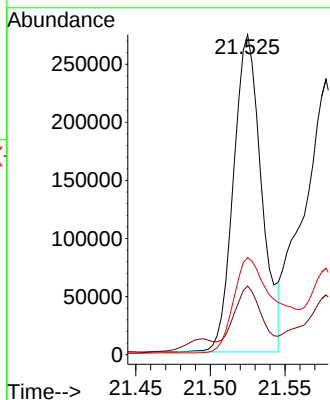
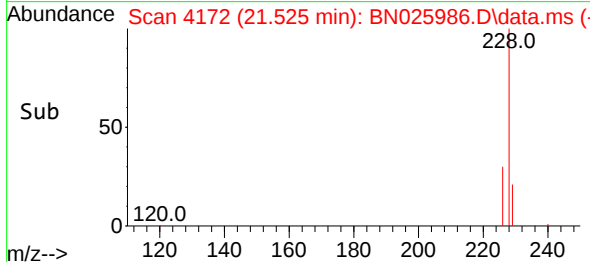
Instrument :
BNA_N
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DCFL6DL



Tgt Ion:228 Resp: 357630
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 30.4 22.5 33.7

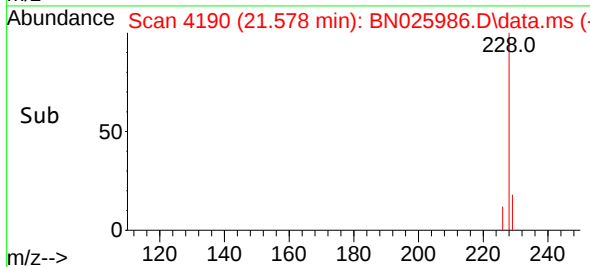
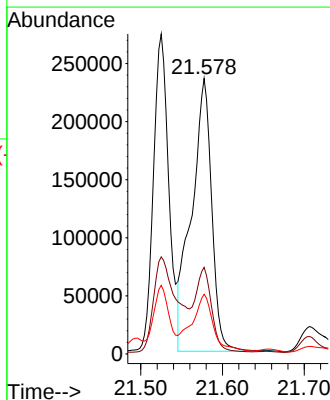
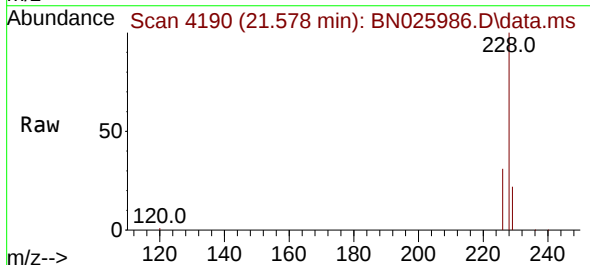
Manual Integrations
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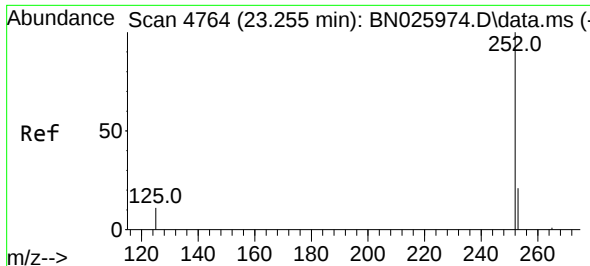
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 4.134 ng/u1
RT: 21.578 min Scan# 4190
Delta R.T. -0.007 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

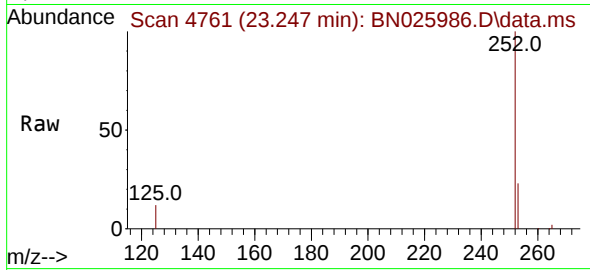
Tgt Ion:228 Resp: 404420
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.164 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.010 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

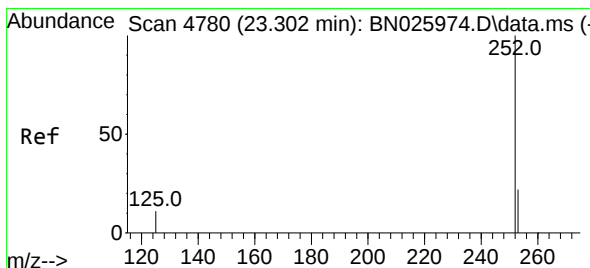
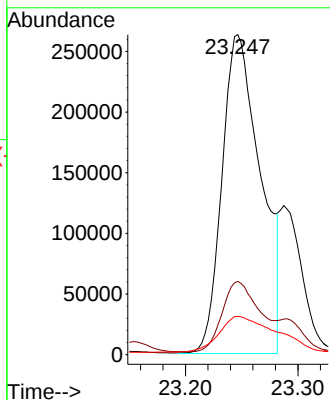
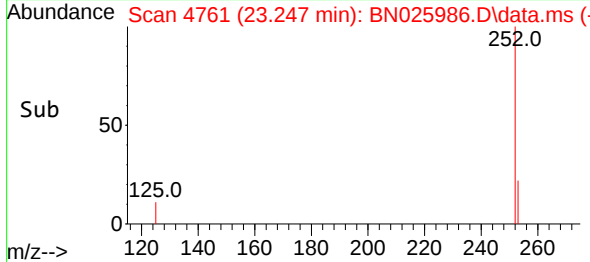
Instrument :
BNA_N
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DCFL6DL



Tgt Ion:252 Resp: 62869
Ion Ratio Lower Upper
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253 22.9 0.0 55.6
125 11.9 0.0 35.8

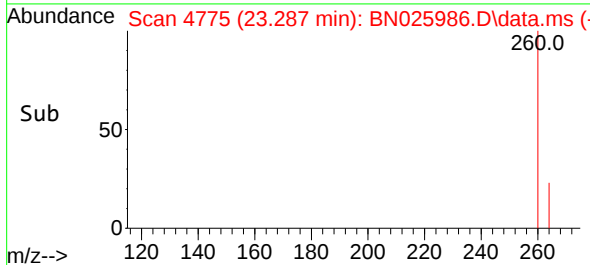
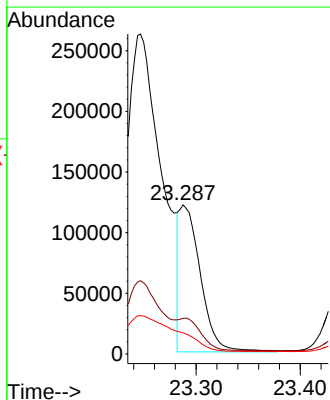
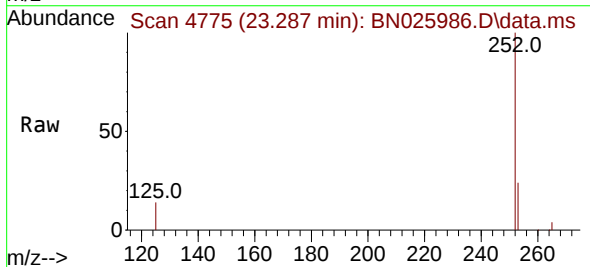
Manual Integrations
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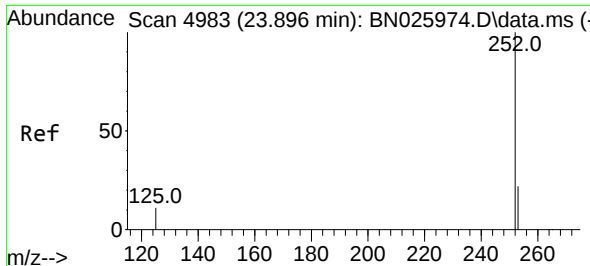
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 2.206 ng/ul m
RT: 23.287 min Scan# 4775
Delta R.T. -0.022 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

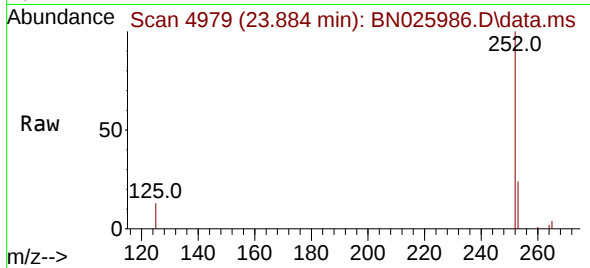
Tgt Ion:252 Resp: 170613
Ion Ratio Lower Upper
252 100
253 23.9 23.2 34.8
125 14.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 5.185 ng/ul
RT: 23.884 min Scan# 4983
Delta R.T. -0.024 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

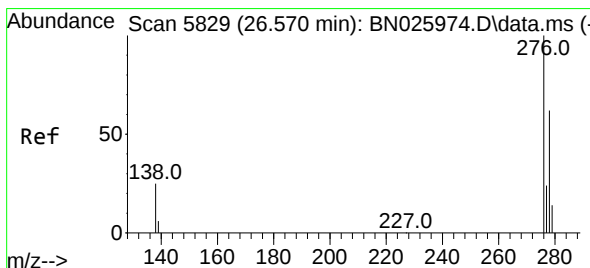
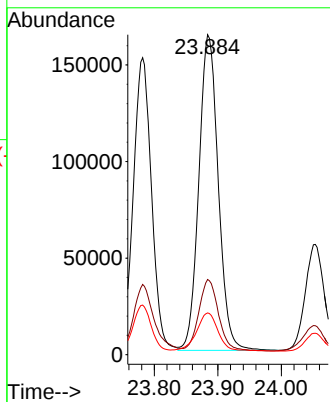
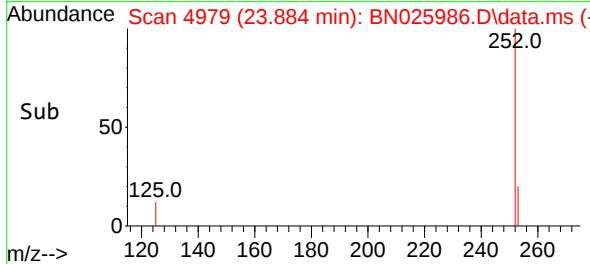
Instrument :
BNA_N
ClientSampleId :
DCFL6DL



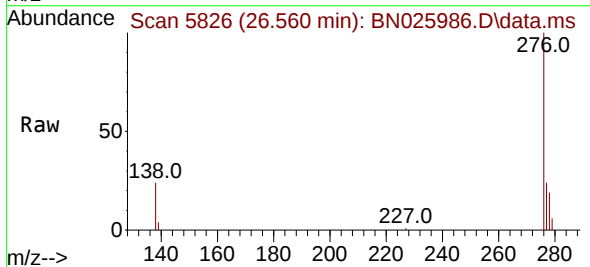
Tgt Ion:252 Resp: 346823
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0
125 13.1 17.3 25.9

Manual Integrations
APPROVED

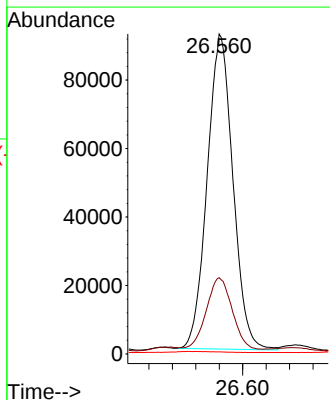
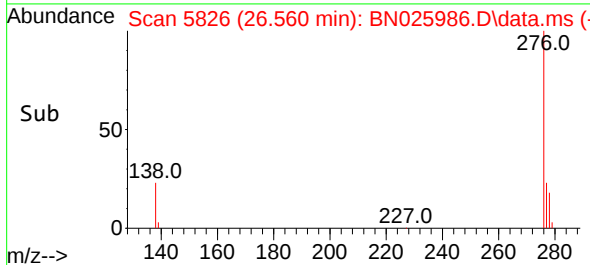
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

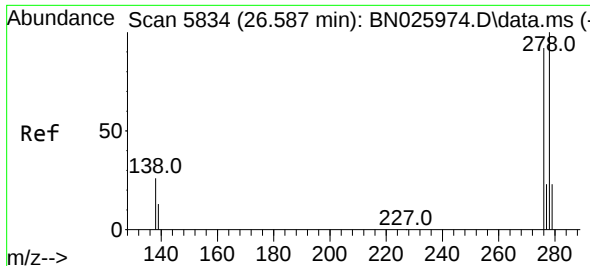


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.836 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.035 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20



Tgt Ion:276 Resp: 280228
Ion Ratio Lower Upper
276 100
138 25.3 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.183 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. -0.051 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

Instrument :

BNA_N

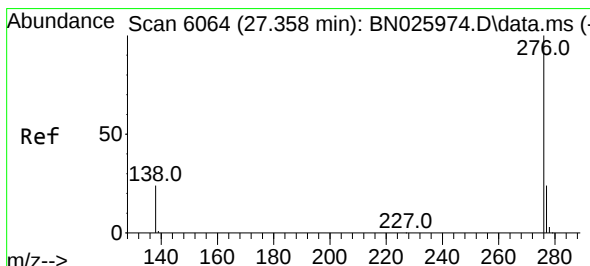
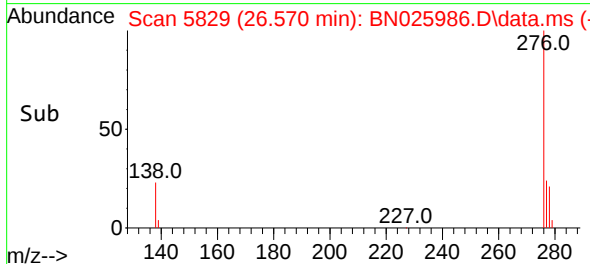
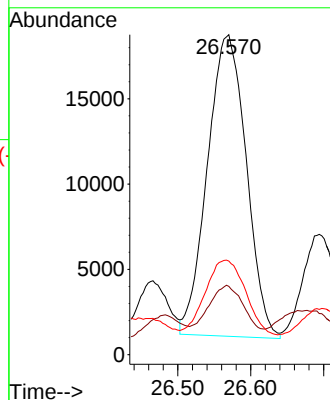
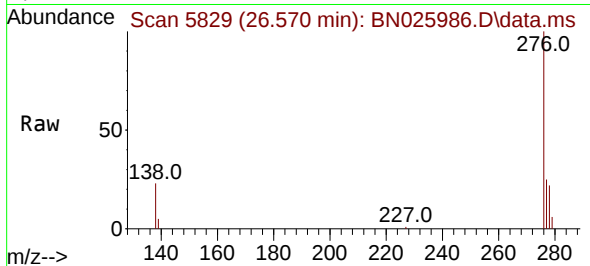
ClientSampleId :

DCFL6DL

Tgt Ion:278 Resp: 65410
Ion Ratio Lower Upper
278 100
139 21.4 19.0 28.4
279 29.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 4.089 ng/ul
RT: 27.355 min Scan# 6063
Delta R.T. -0.031 min
Lab File: BN025986.D
Acq: 24 Jun 2023 02:20

Tgt Ion:276 Resp: 265723
Ion Ratio Lower Upper
276 100
138 24.8 23.4 35.0
277 24.3 20.0 30.0

