

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026010.D
 Acq On : 24 Jun 2023 18:01
 Operator : MA/JU
 Sample : 03085-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFN9

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:50:29 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 : 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	7.976	152	6986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	22935	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	14074	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	31368	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	20986	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	18255	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	28656	3.642	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	9452	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	22773	0.285	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	5973	0.091	ng/ul#	94
7) 2-Methylnaphthalene	12.448	142	3218	0.077	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	2054	0.047	ng/ul	96
10) Acenaphthylene	14.334	152	4576	0.069	ng/ul#	92
11) Acenaphthene	14.677	153	1586	0.029	ng/ul	95
12) Fluorene	15.662	166	1496	0.024	ng/ul#	91
15) Phenanthrene	17.402	178	38791	0.374	ng/ul	100
16) Anthracene	17.490	178	7110	0.077	ng/ul#	91
19) Fluoranthene	19.415	202	110510	0.986	ng/ul	99
20) Pyrene	19.777	202	88977m	0.763	ng/ul	
21) Benzo(a)anthracene	21.523	228	47309	0.546	ng/ul#	94
22) Chrysene	21.576	228	60378	0.670	ng/ul#	88
24) Benzo(b)fluoranthene	23.248	252	80005m	1.027	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	24408m	0.312	ng/ul	
26) Benzo(a)pyrene	23.900	252	46397	0.686	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.588	276	40036	0.542	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.605	278	9367	0.167	ng/ul#	70
29) Benzo(g,h,i)perylene	27.393	276	43049	0.655	ng/ul	99

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

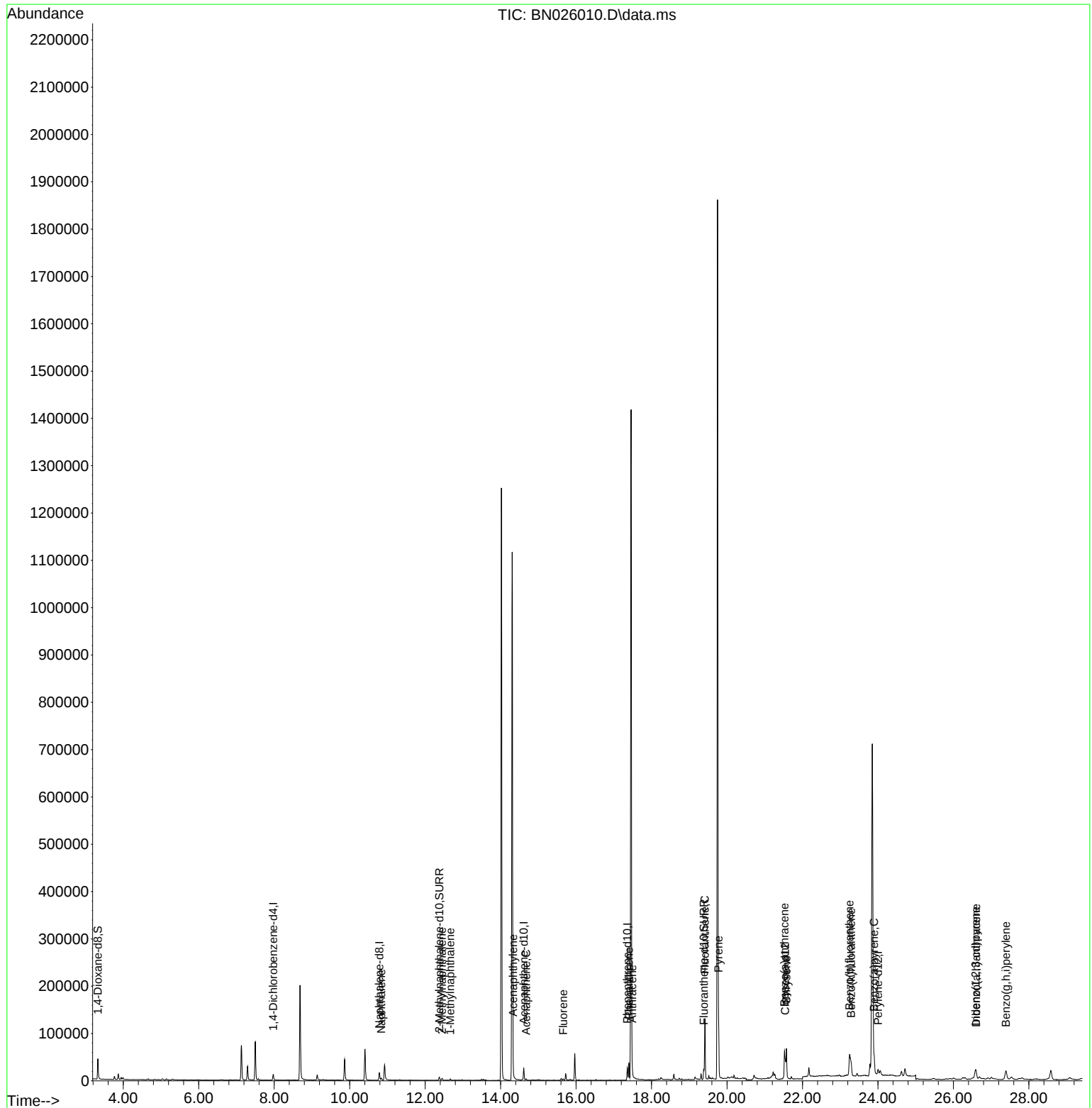
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026010.D
Acq On : 24 Jun 2023 18:01
Operator : MA/JU
Sample : 03085-03
Misc :
ALS Vial : 39 Sample Multiplier: 1

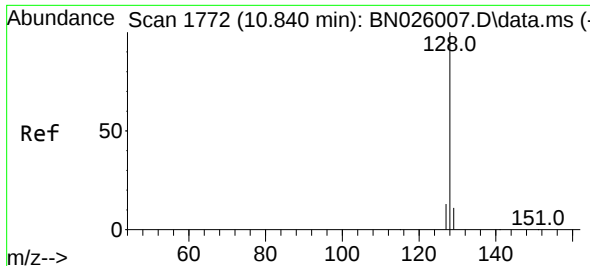
Instrument :
BNA_N
ClientSampleId :
DCFN9

Manual Integrations
APPROVED

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

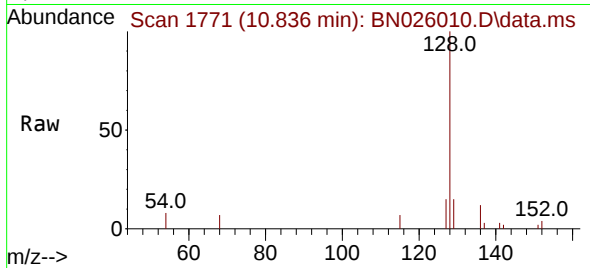
Quant Time: Jun 24 23:50:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

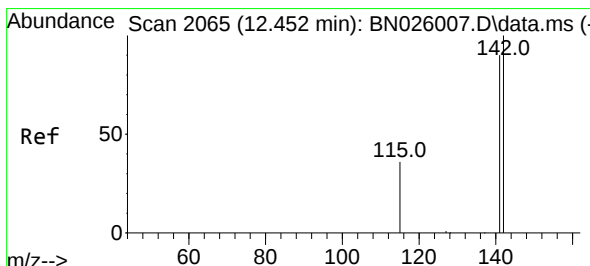
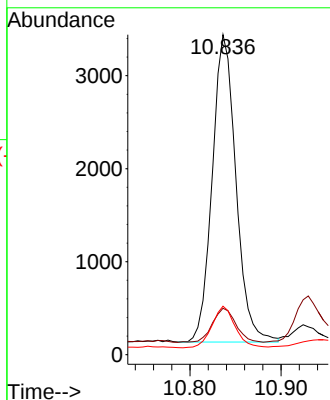
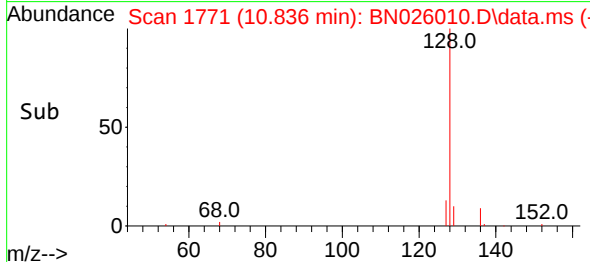
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:128 Resp: 597
Ion Ratio Lower Upper
128 100
129 14.5 9.1 13.7
127 15.2 10.7 16.1

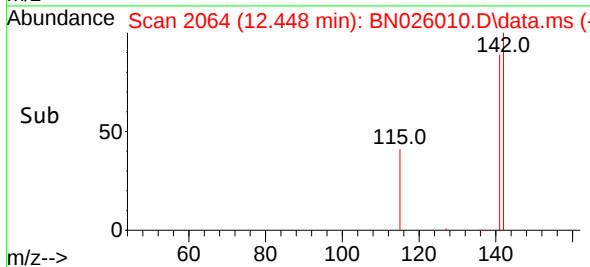
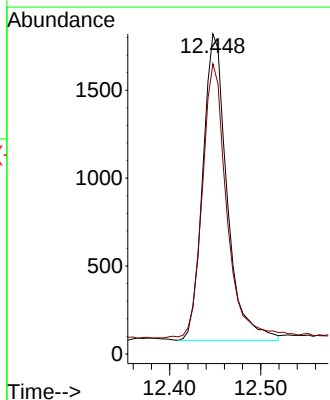
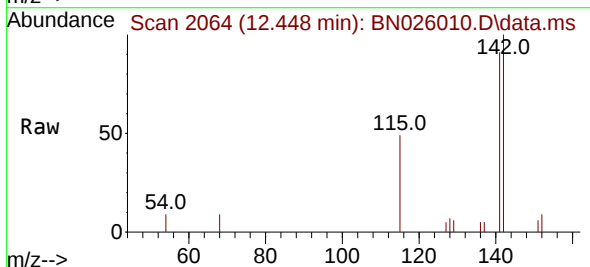
Manual Integrations
APPROVED

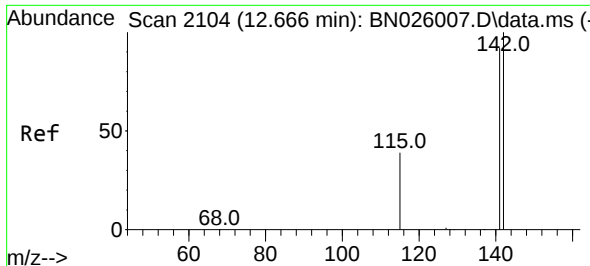
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.448 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

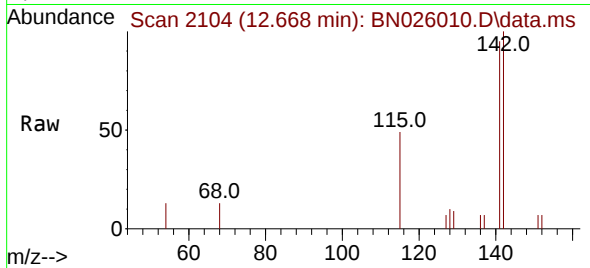
Tgt Ion:142 Resp: 3218
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

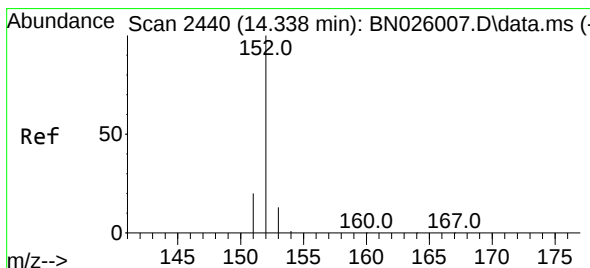
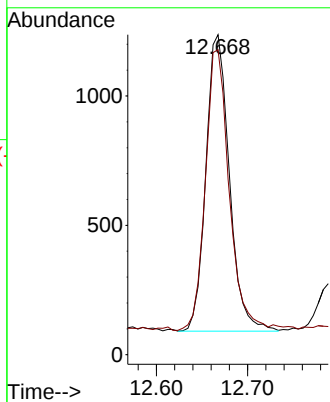
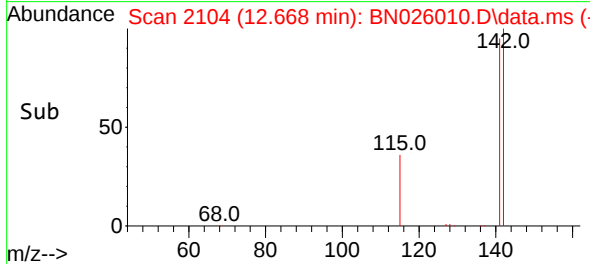
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:142 Resp: 2054
Ion Ratio Lower Upper
142 100
141 96.3 74.2 111.4

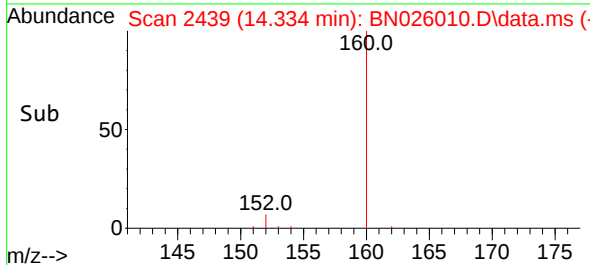
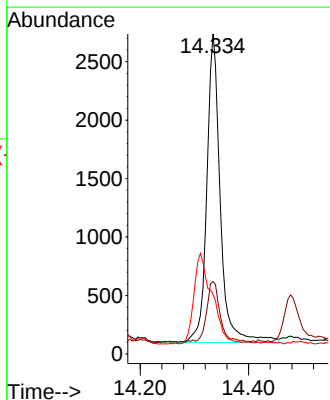
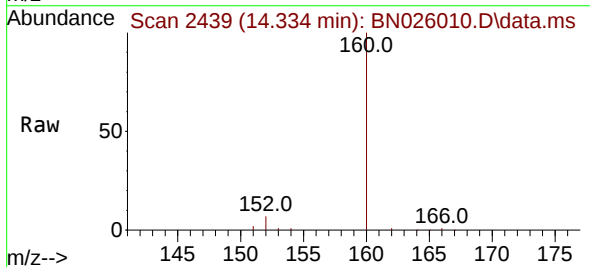
Manual Integrations
APPROVED

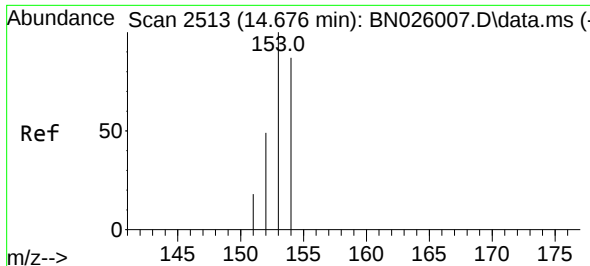
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

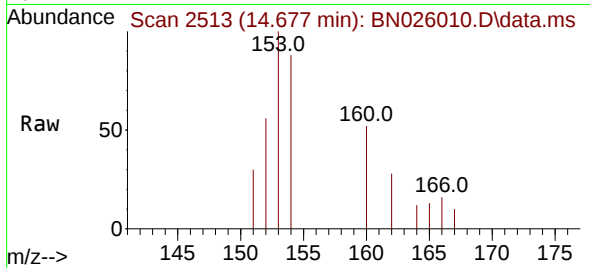
Tgt Ion:152 Resp: 4576
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4
153 18.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

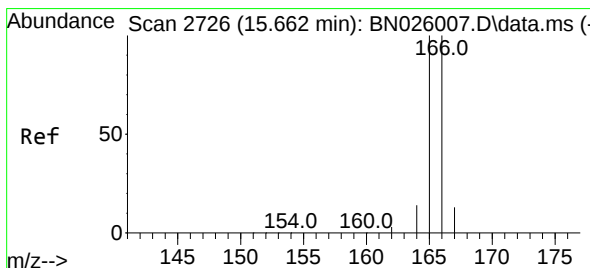
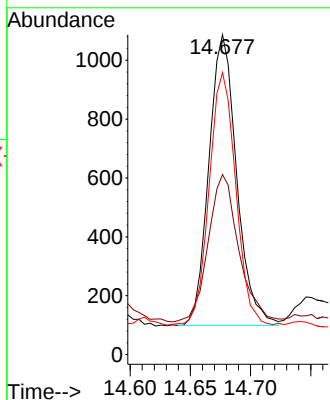
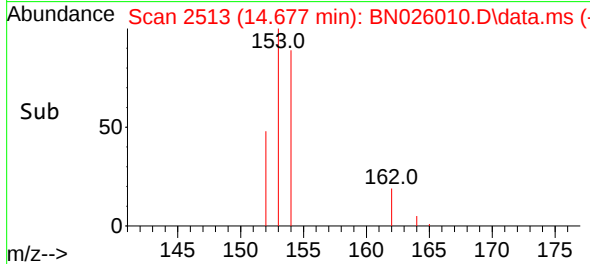
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:153 Resp: 1580
Ion Ratio Lower Upper
153 100
152 56.3 39.4 59.0
154 88.1 68.9 103.3

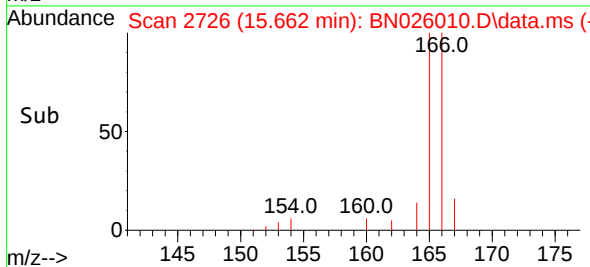
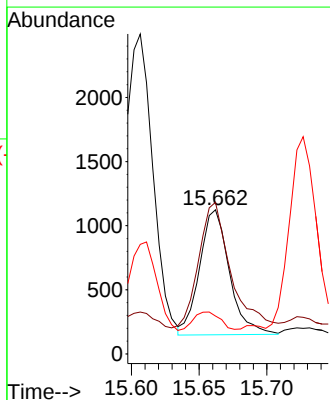
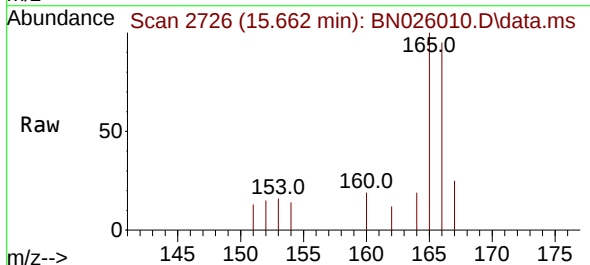
Manual Integrations
APPROVED

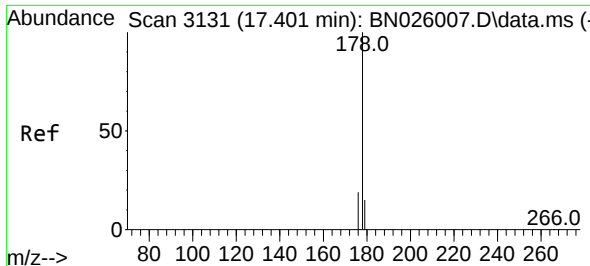
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

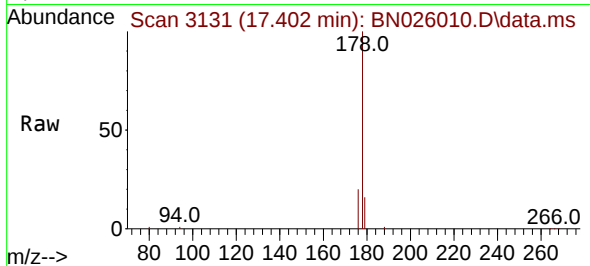
Tgt Ion:166 Resp: 1496
Ion Ratio Lower Upper
166 100
165 105.2 79.9 119.9
167 26.3 10.8 16.2#





#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

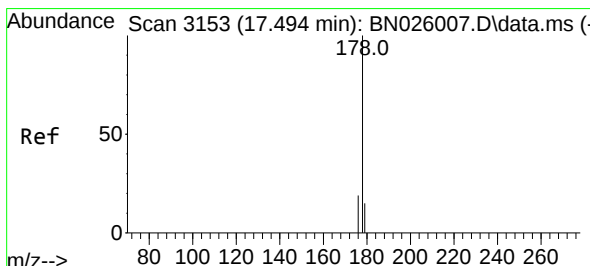
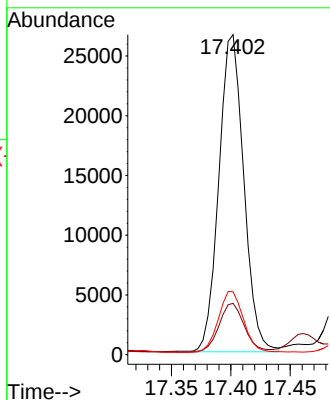
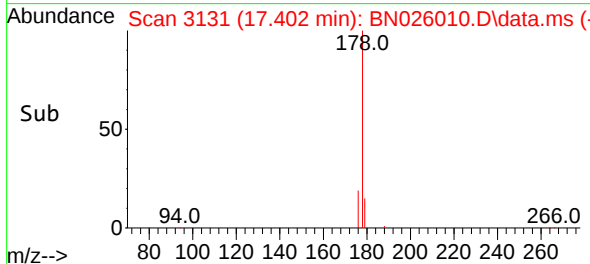
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:178 Resp: 3879
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.7 15.8 23.6

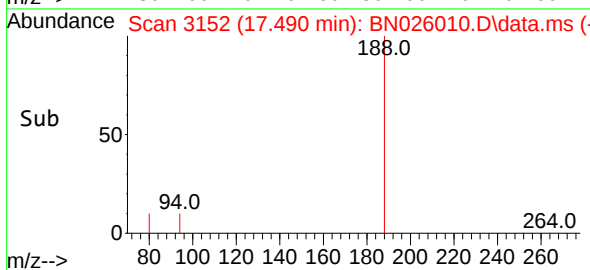
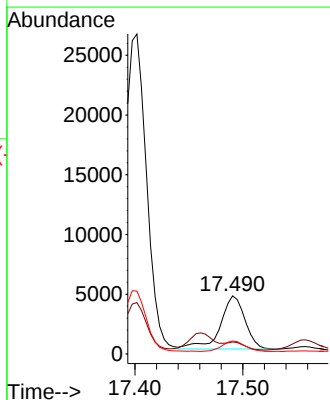
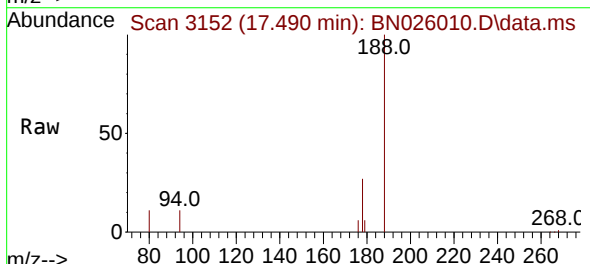
Manual Integrations
APPROVED

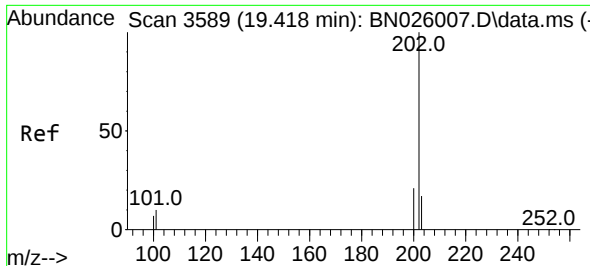
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

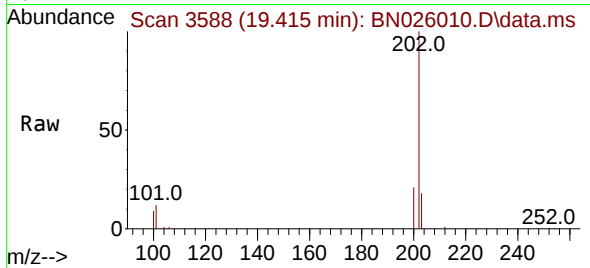
Tgt Ion:178 Resp: 7110
Ion Ratio Lower Upper
178 100
179 20.5 12.6 18.8#
176 22.4 15.1 22.7





#19
Fluoranthene
Concen: 0.986 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

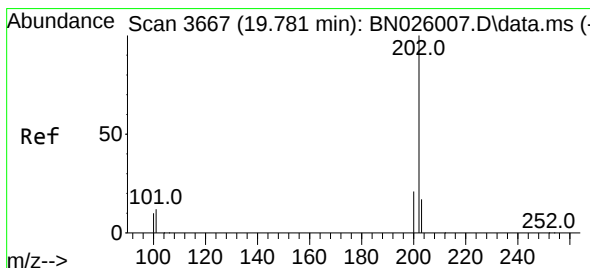
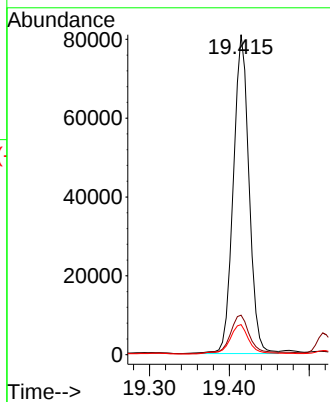
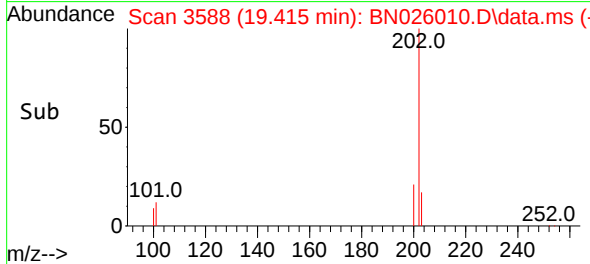
Instrument :
BNA_N
ClientSampleId :
DCFN9



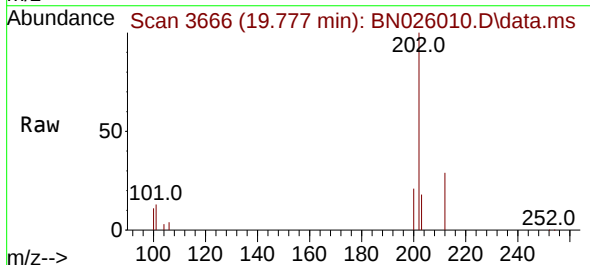
Tgt Ion:202 Resp: 110510
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.4 7.3 10.9

Manual Integrations
APPROVED

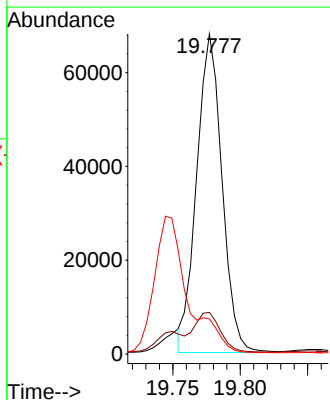
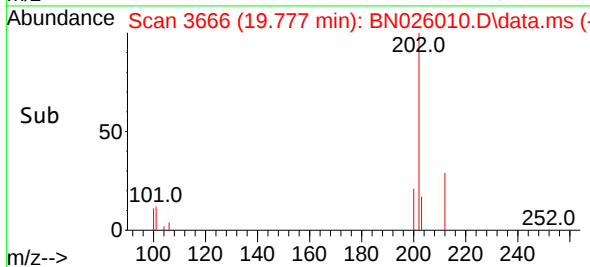
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

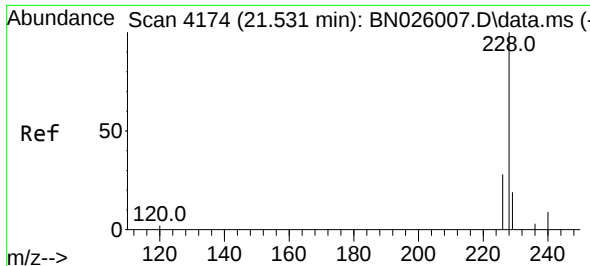


#20
Pyrene
Concen: 0.763 ng/ul m
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01



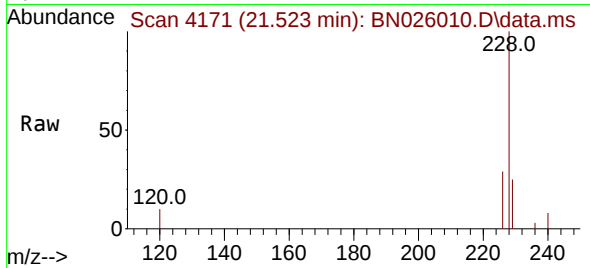
Tgt Ion:202 Resp: 88977
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.546 ng/u1
RT: 21.523 min Scan# 4171
Delta R.T. -0.009 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

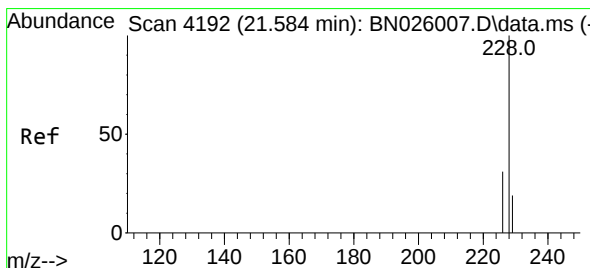
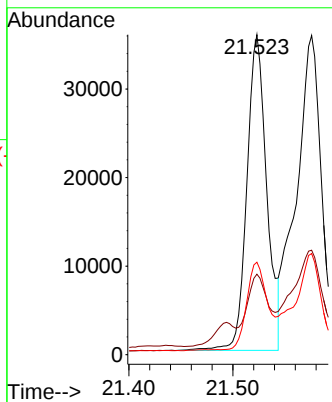
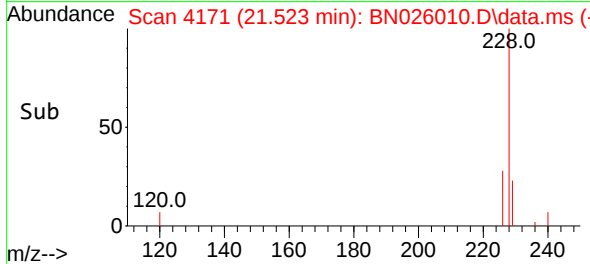
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:228 Resp: 47309
Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.6
226 28.9 22.5 33.7

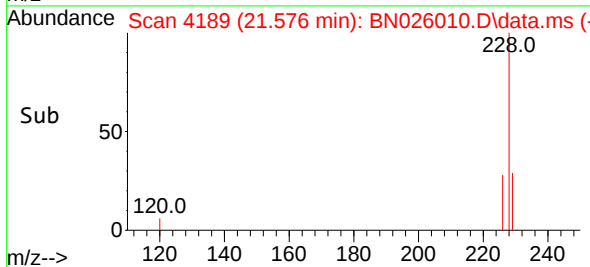
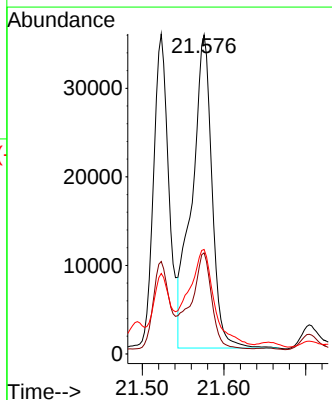
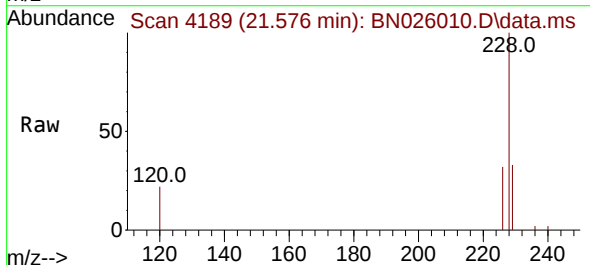
Manual Integrations
APPROVED

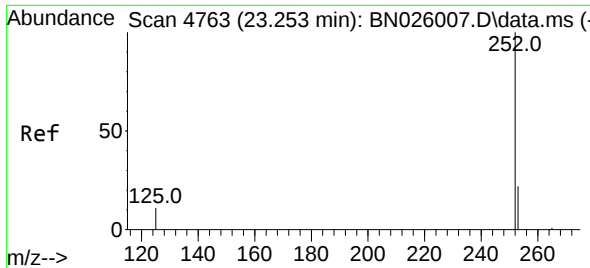
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.670 ng/u1
RT: 21.576 min Scan# 4189
Delta R.T. -0.009 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

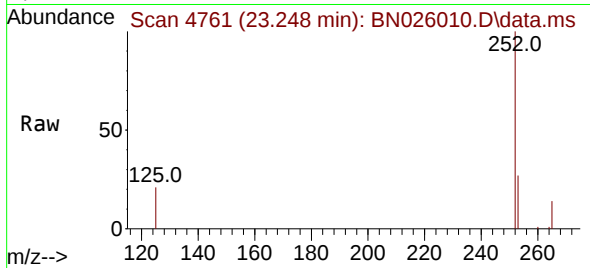
Tgt Ion:228 Resp: 60378
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 32.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.027 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

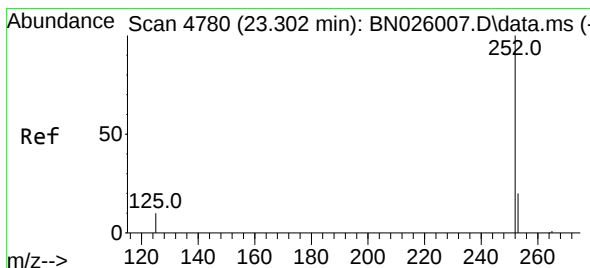
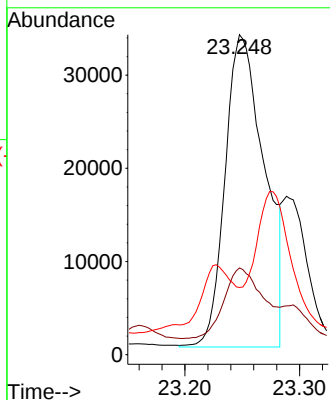
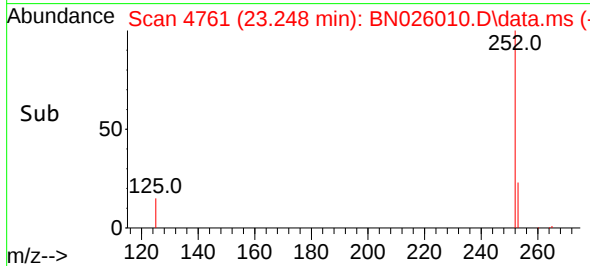
Instrument :
BNA_N
ClientSampleId :
DCFN9



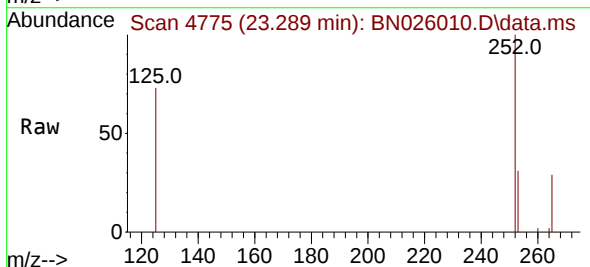
Tgt Ion:252 Resp: 8000
Ion Ratio Lower Upper
252 100
253 27.1 0.0 55.6
125 21.0 0.0 35.8

Manual Integrations
APPROVED

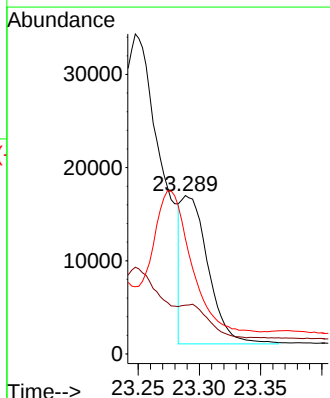
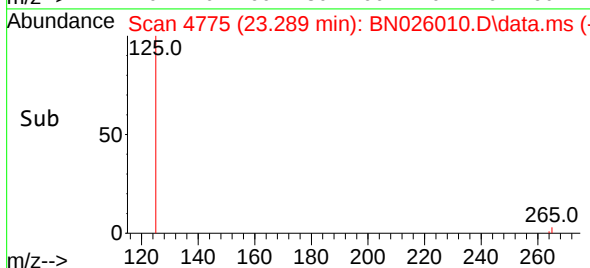
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

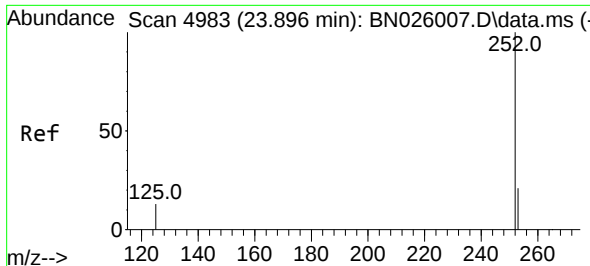


#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.020 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01



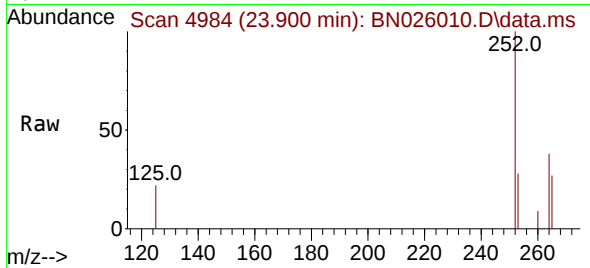
Tgt Ion:252 Resp: 24408
Ion Ratio Lower Upper
252 100
253 30.8 23.2 34.8
125 72.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.686 ng/ul
RT: 23.900 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

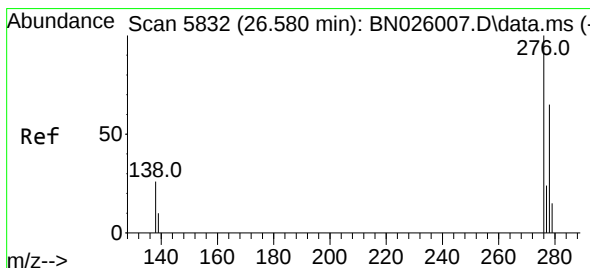
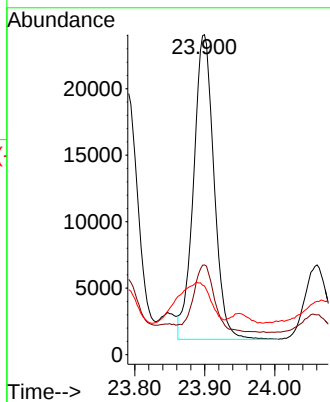
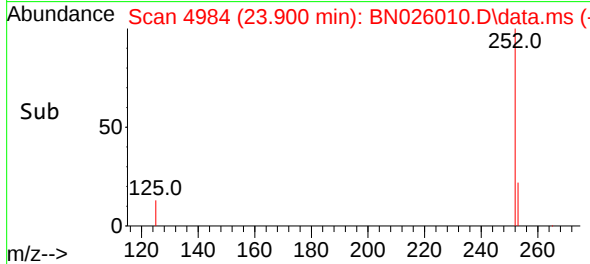
Instrument :
BNA_N
ClientSampleId :
DCFN9



Tgt Ion:252 Resp: 46397
Ion Ratio Lower Upper
252 100
253 28.0 26.0 39.0
125 21.5 17.3 25.9

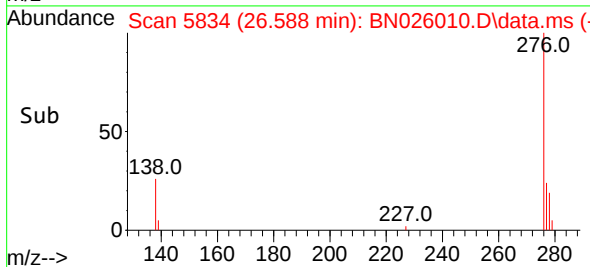
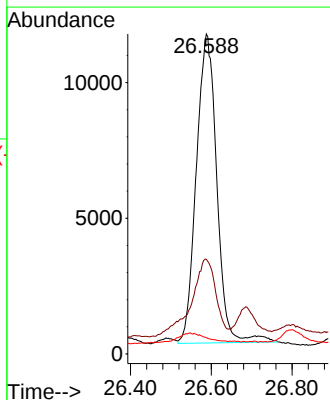
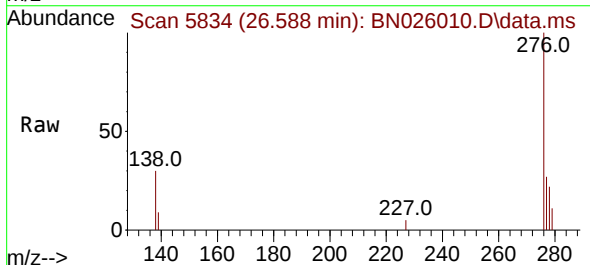
Manual Integrations
APPROVED

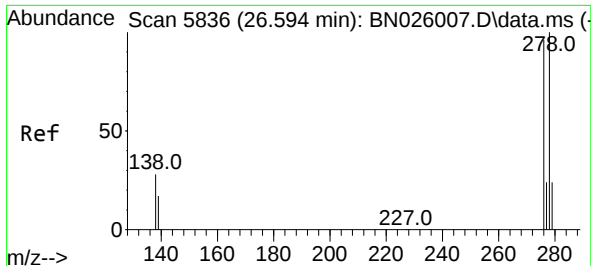
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

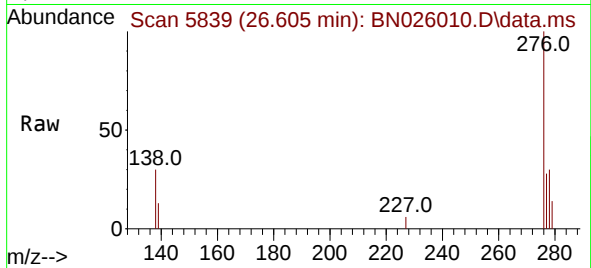
Tgt Ion:276 Resp: 40036
Ion Ratio Lower Upper
276 100
138 30.7 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul
RT: 26.605 min Scan# 5836
Delta R.T. -0.017 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01

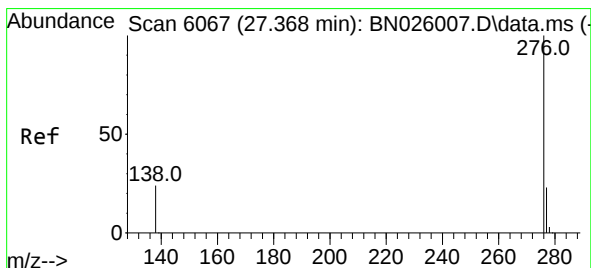
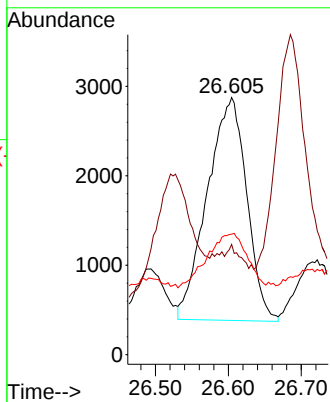
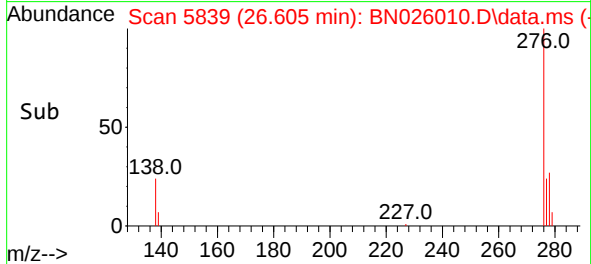
Instrument :
BNA_N
ClientSampleId :
DCFN9



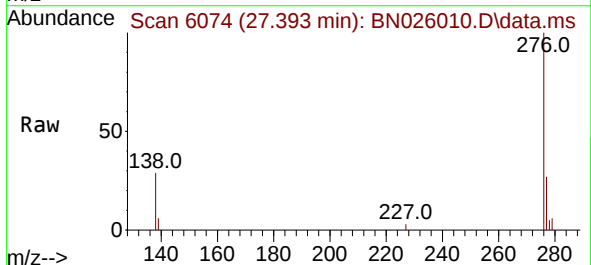
Tgt Ion:278 Resp: 936
Ion Ratio Lower Upper
278 100
139 42.9 19.0 28.4
279 46.9 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN026010.D
Acq: 24 Jun 2023 18:01



Tgt Ion:276 Resp: 43049
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 26.5 20.0 30.0

