

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040278.D
 Acq On : 16 Jun 2023 13:28
 Operator : MA/JU
 Sample : 03080-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:38:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	28464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	13241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	22095	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18435	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	20293	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	30974	2.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	5995	0.166	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	8345	0.181	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	30669	0.455	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	14425	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	16633	0.379	ng/ul	98
10) Acenaphthylene	14.327	152	140240	3.028	ng/ul	99
11) Acenaphthene	14.670	153	35919	0.905	ng/ul	99
12) Fluorene	15.650	166	52311	1.182	ng/ul	97
15) Phenanthrene	17.391	178	1516391	26.102	ng/ul	99
16) Anthracene	17.480	178	343736	6.984	ng/ul	99
19) Fluoranthene	19.403	202	3662046	58.316	ng/ul	99
20) Pyrene	19.765	202	3046495	46.693	ng/ul	100
21) Benzo(a)anthracene	21.509	228	1643759	30.208	ng/ul	99
22) Chrysene	21.565	228	1584733	27.570	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	2166117	28.956	ng/ul	90
25) Benzo(k)fluoranthene	23.257	252	844290m	11.985	ng/ul	
26) Benzo(a)pyrene	23.844	252	1454158	23.689	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.464	276	1079148	13.888	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.471	278	279387	4.479	ng/ul	98
29) Benzo(g,h,i)perylene	27.246	276	977755	15.065	ng/ul	99

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

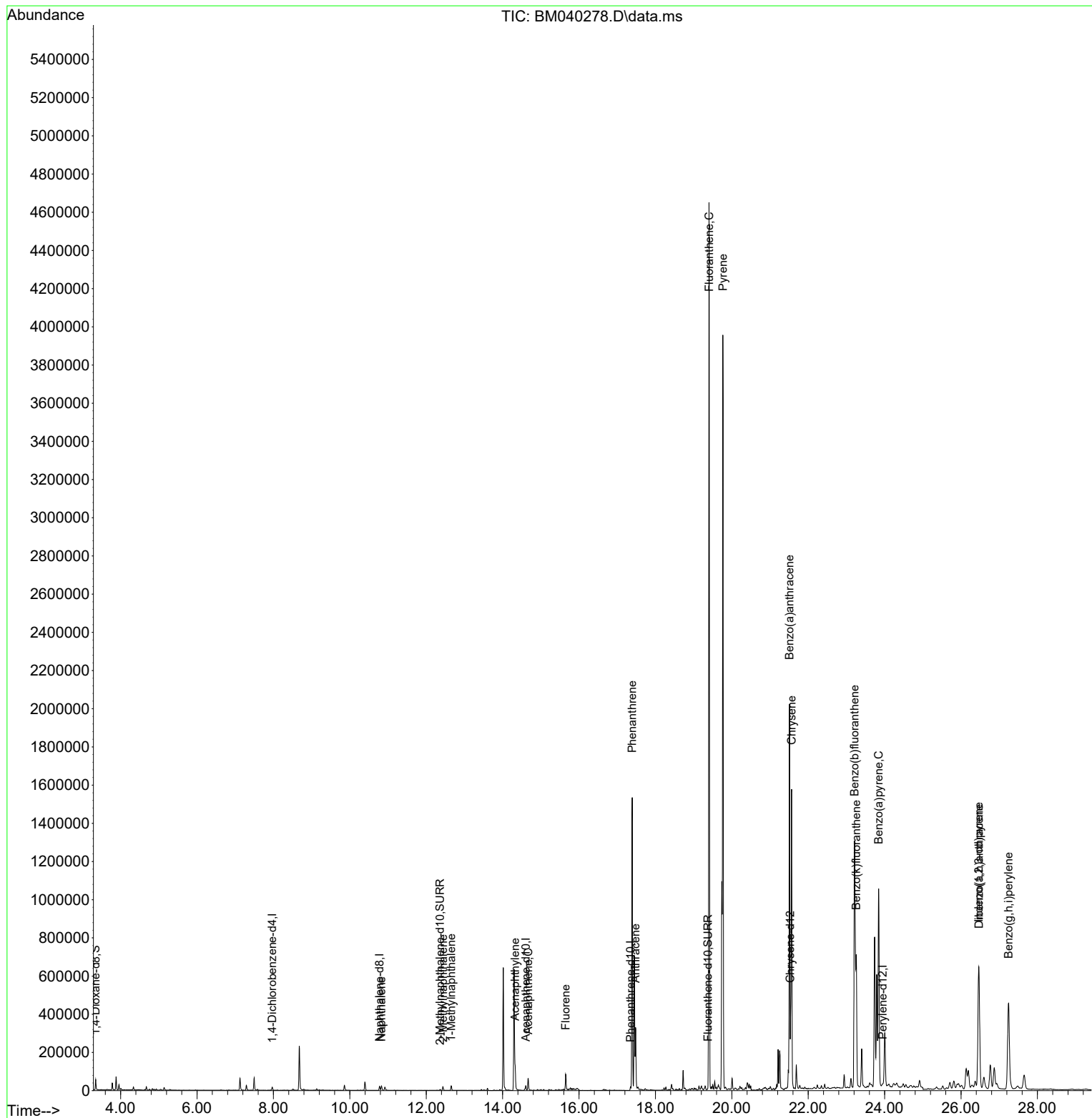
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040278.D
Acq On : 16 Jun 2023 13:28
Operator : MA/JU
Sample : 03080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

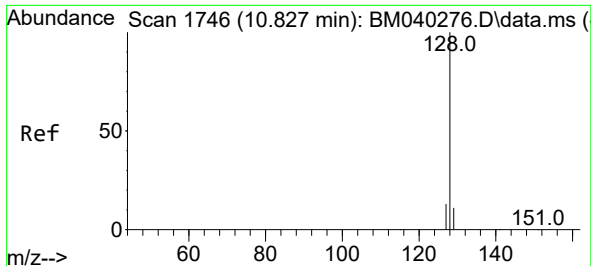
Instrument :
BNA_M
ClientSampleId :
DCFH0

Quant Time: Jun 16 23:38:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

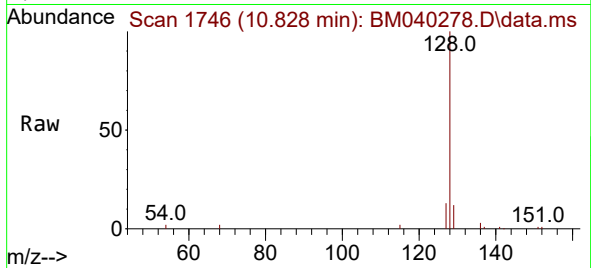
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023





#5
Naphthalene
Concen: 0.455 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

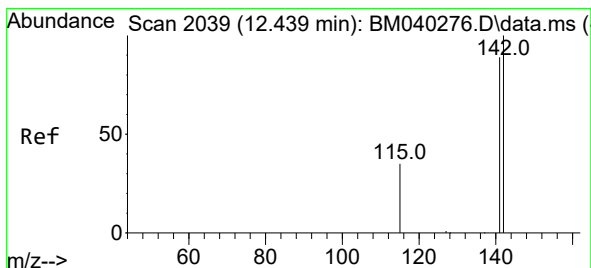
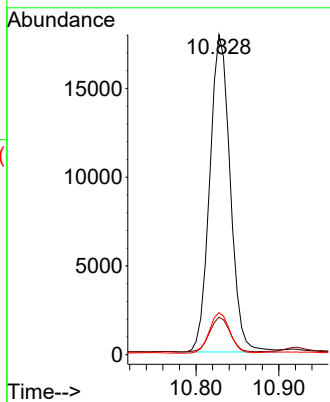
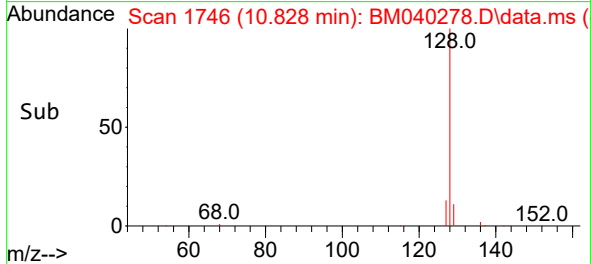
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:128 Resp: 30669
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.2 10.4 15.6

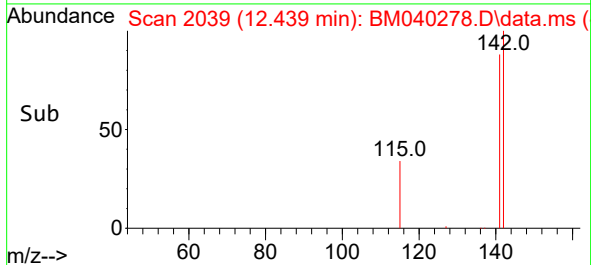
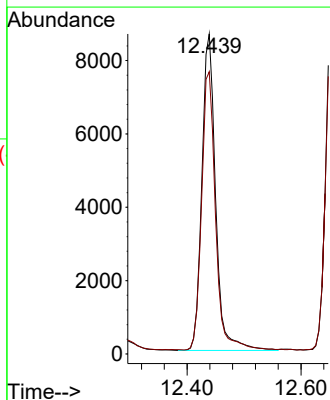
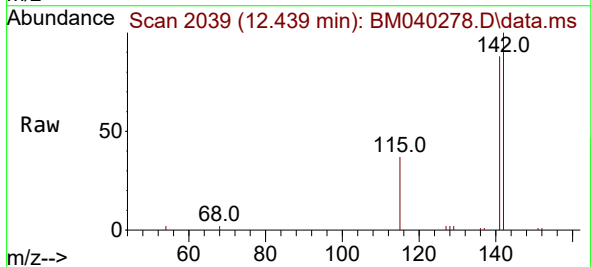
Manual Integrations
APPROVED

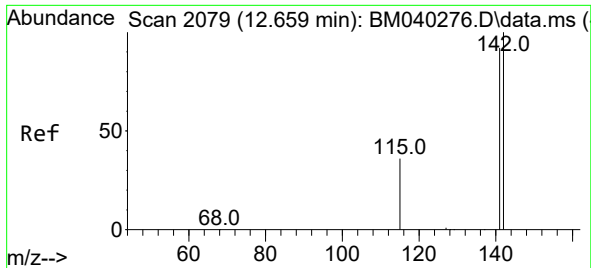
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

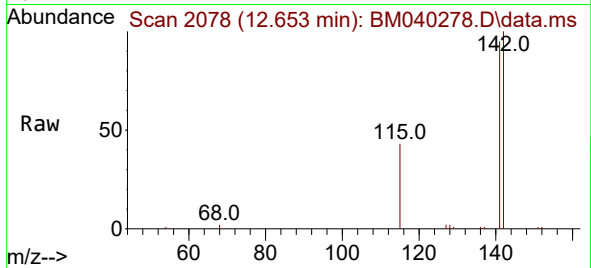
Tgt Ion:142 Resp: 14425
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

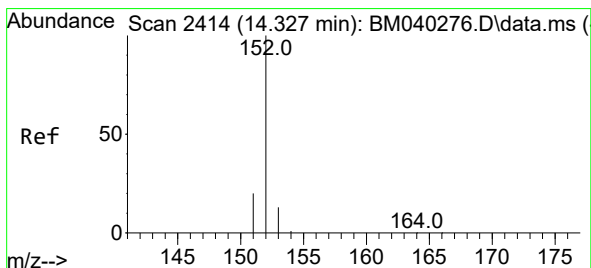
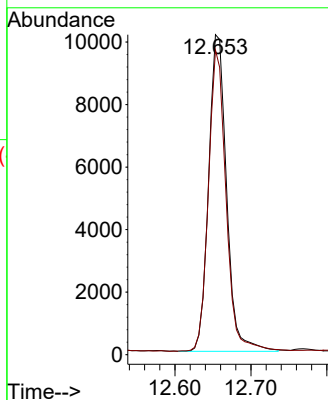
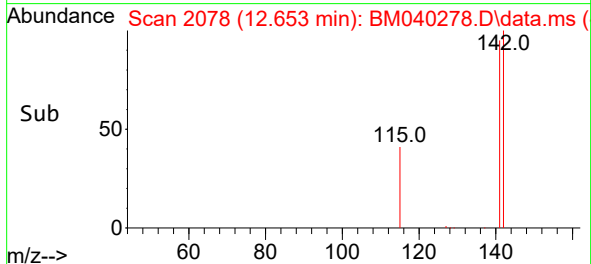
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:142 Resp: 1663
Ion Ratio Lower Upper
142 100
141 93.4 73.0 109.4

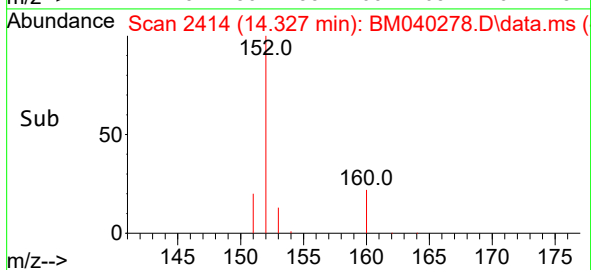
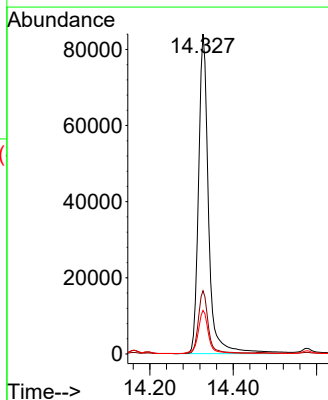
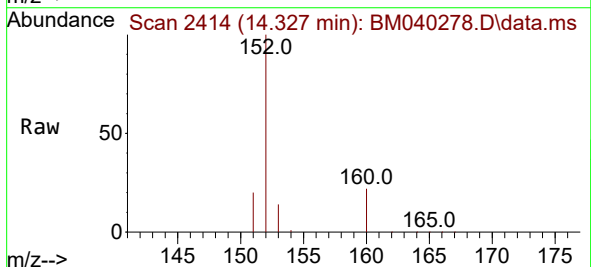
Manual Integrations
APPROVED

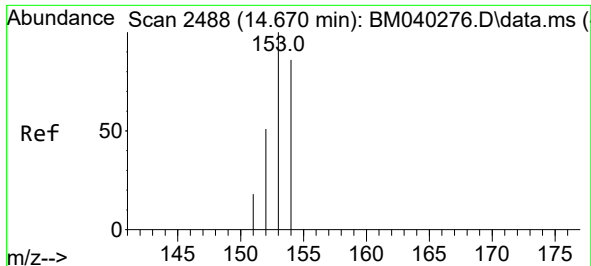
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 3.028 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

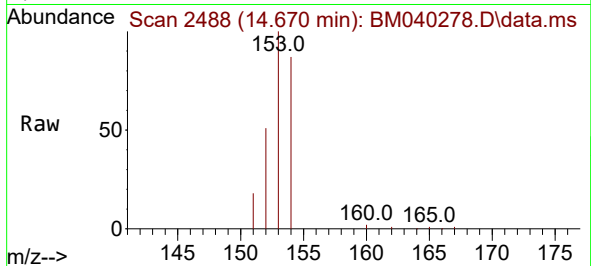
Tgt Ion:152 Resp: 140240
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.6 10.7 16.1





#11
Acenaphthene
Concen: 0.905 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

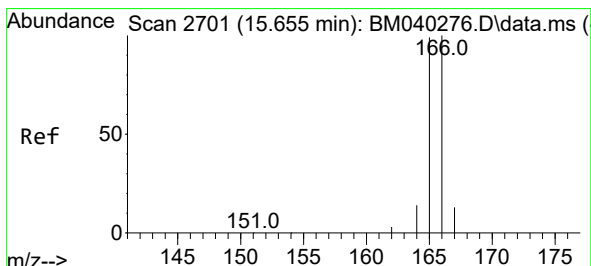
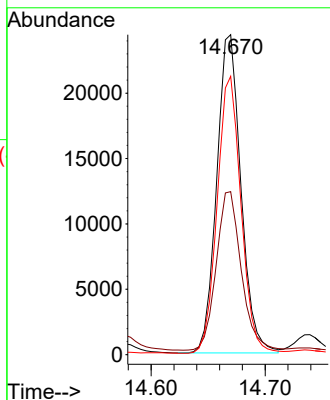
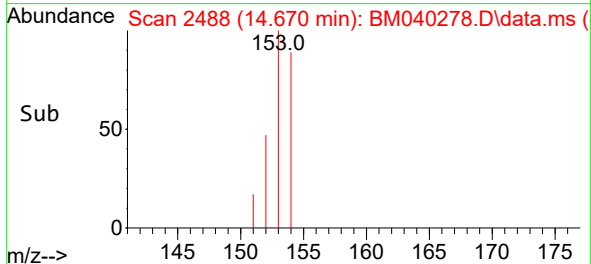
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:153 Resp: 35919
Ion Ratio Lower Upper
153 100
152 51.0 40.3 60.5
154 87.0 70.5 105.7

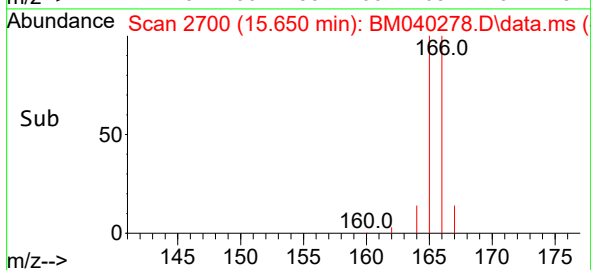
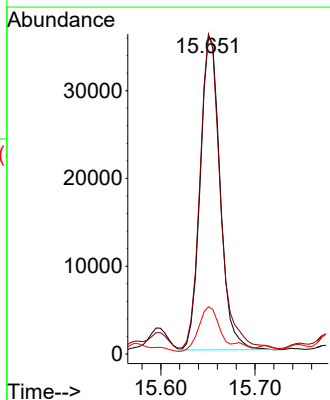
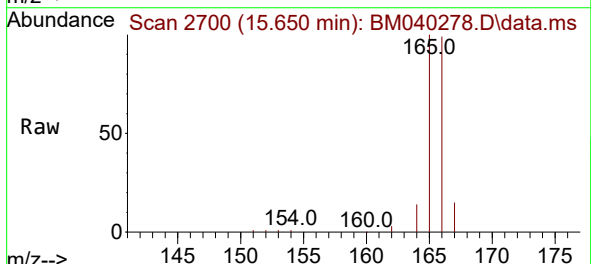
Manual Integrations
APPROVED

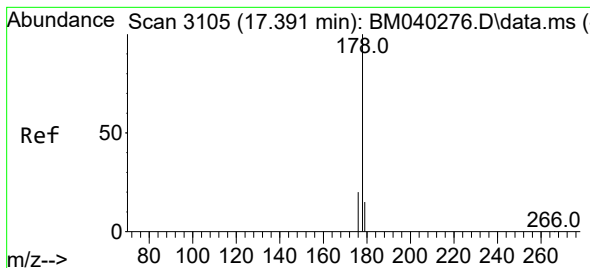
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 1.182 ng/ul
RT: 15.650 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

Tgt Ion:166 Resp: 52311
Ion Ratio Lower Upper
166 100
165 100.5 78.2 117.4
167 14.8 11.0 16.4





#15

Phenanthrene

Concen: 26.102 ng/uI

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040278.D

Acq: 16 Jun 2023 13:28

Instrument :

BNA_M

ClientSampleId :

DCFH0

Tgt Ion:178 Resp: 151639

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

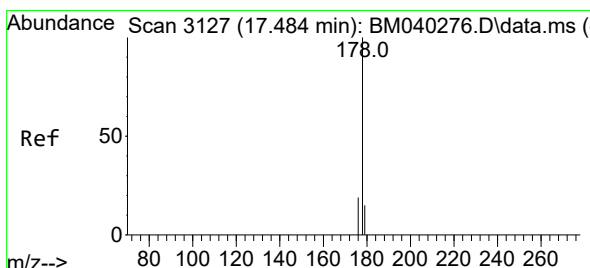
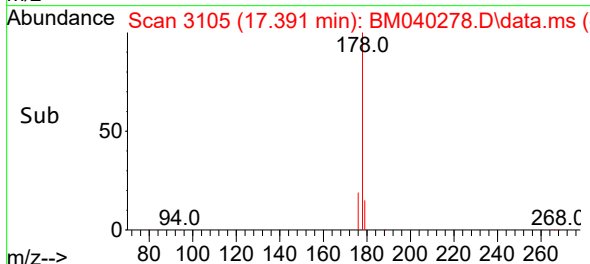
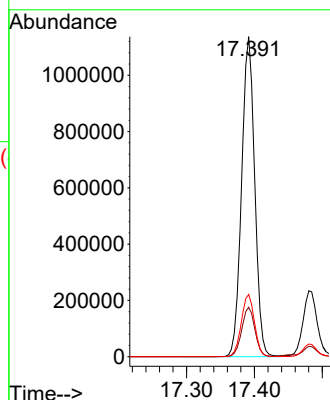
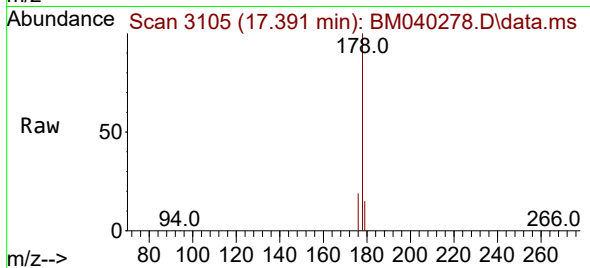
176 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#16

Anthracene

Concen: 6.984 ng/uI

RT: 17.480 min Scan# 3126

Delta R.T. -0.008 min

Lab File: BM040278.D

Acq: 16 Jun 2023 13:28

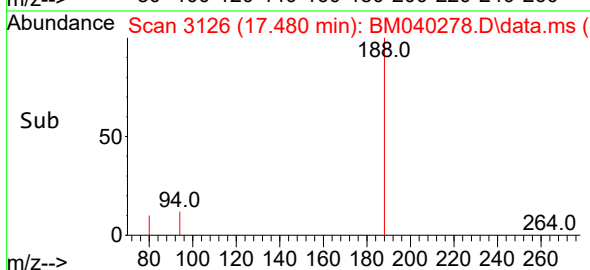
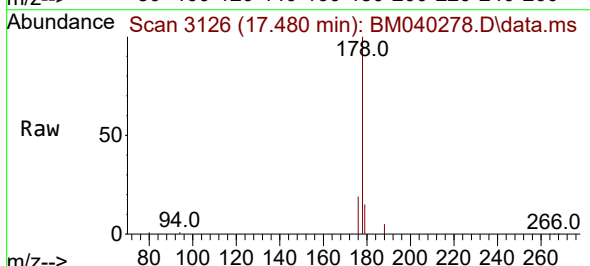
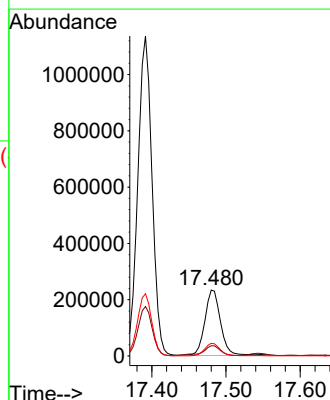
Tgt Ion:178 Resp: 343736

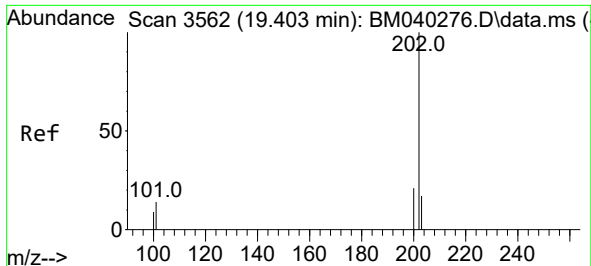
Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.4

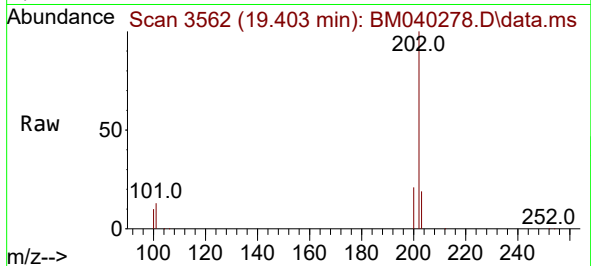
176 19.3 15.5 23.3





#19
Fluoranthene
Concen: 58.316 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

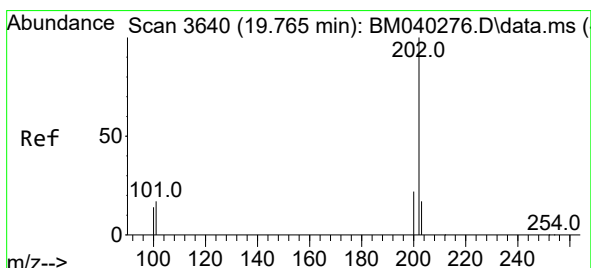
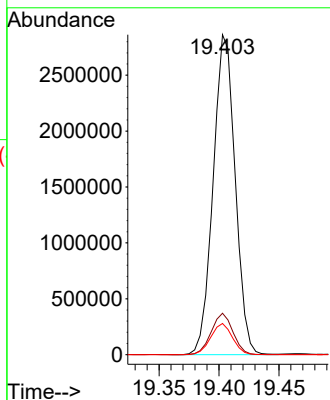
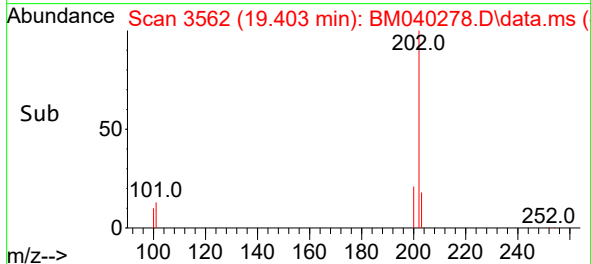
Instrument :
BNA_M
ClientSampleId :
DCFH0



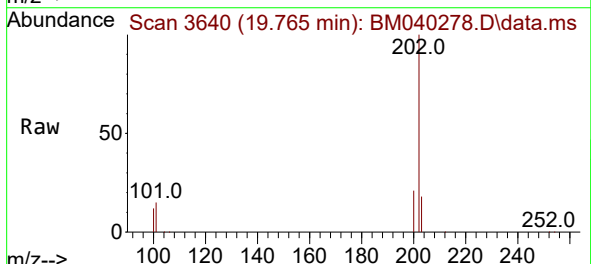
Tgt Ion:202 Resp: 3662040
Ion Ratio Lower Upper
202 100
101 13.0 10.2 15.4
100 9.8 7.6 11.4

Manual Integrations
APPROVED

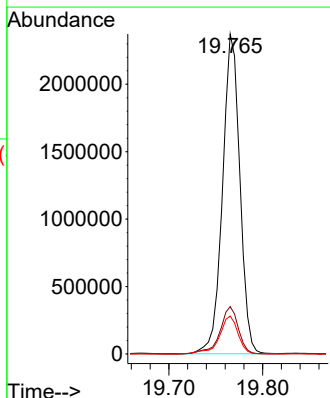
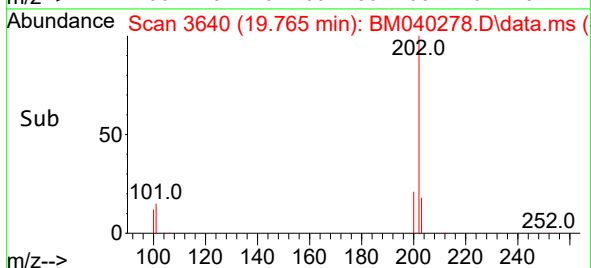
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

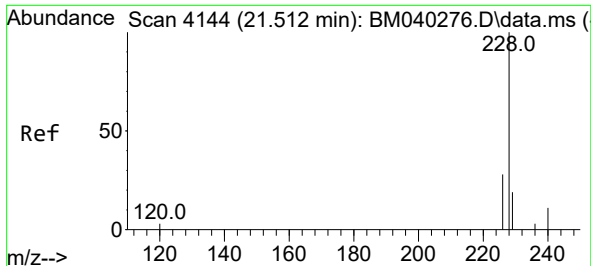


#20
Pyrene
Concen: 46.693 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28



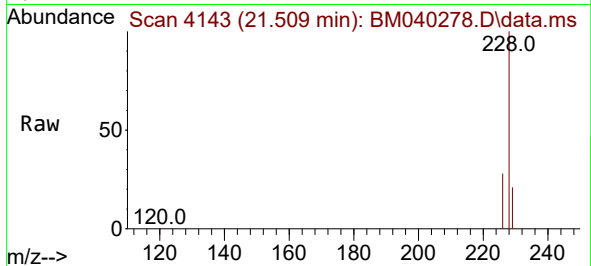
Tgt Ion:202 Resp: 3046495
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 11.9 9.3 13.9





#21
Benzo(a)anthracene
Concen: 30.208 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

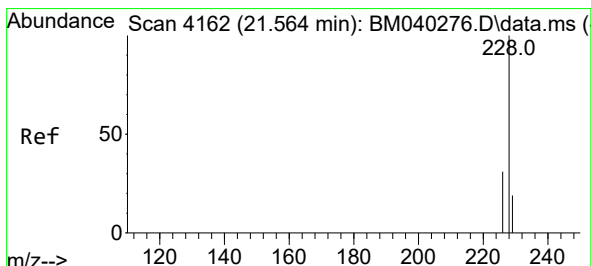
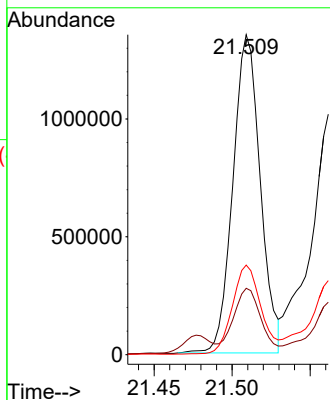
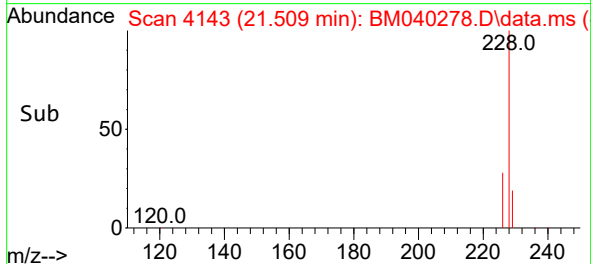
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:228 Resp: 1643759
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 28.0 22.0 33.0

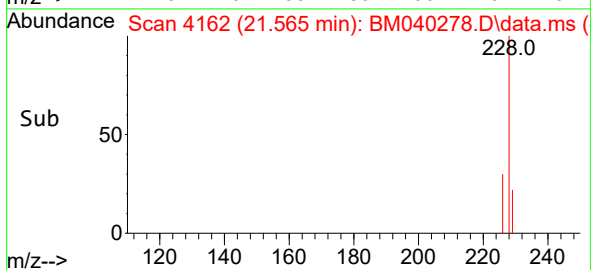
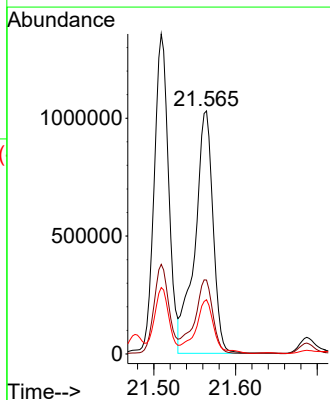
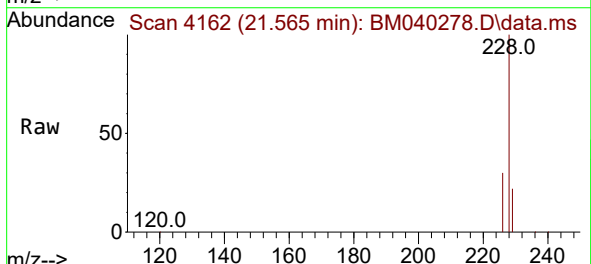
Manual Integrations
APPROVED

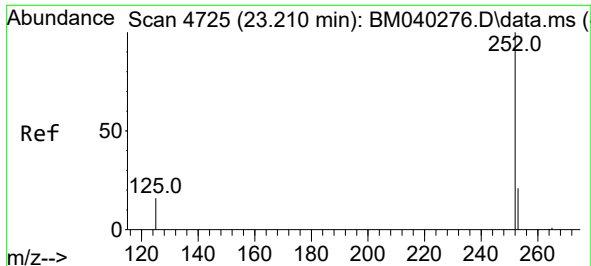
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Chrysene
Concen: 27.570 ng/ul
RT: 21.565 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

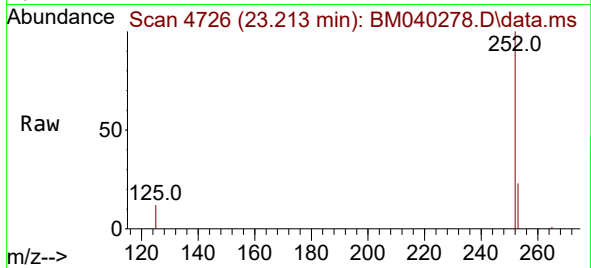
Tgt Ion:228 Resp: 1584733
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 28.956 ng/ul
RT: 23.213 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

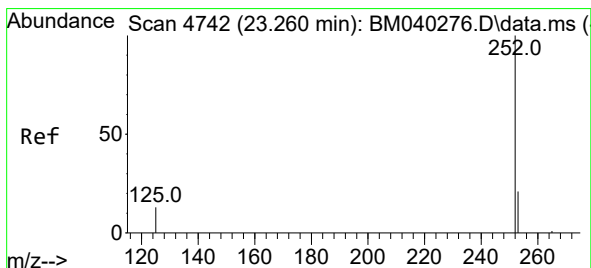
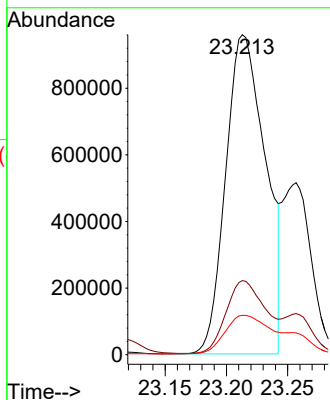
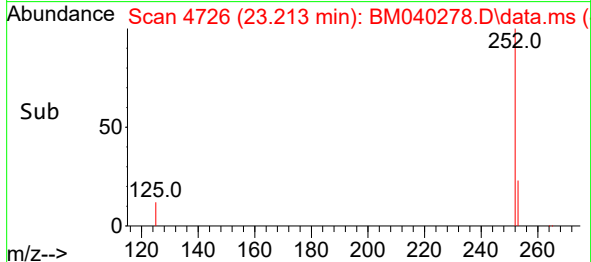
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:252 Resp: 216611
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.4
125 12.3 0.0 38.4

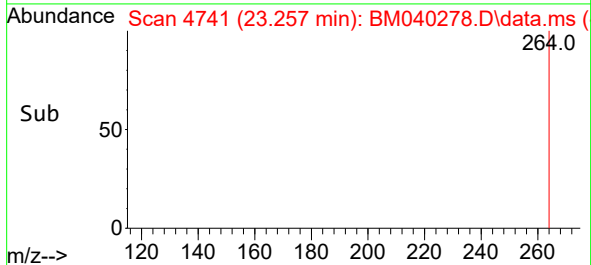
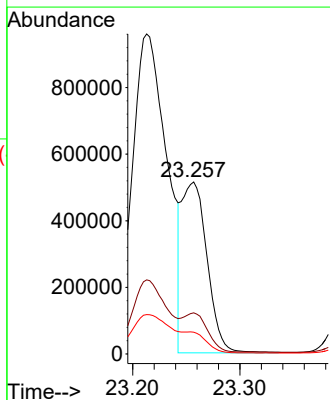
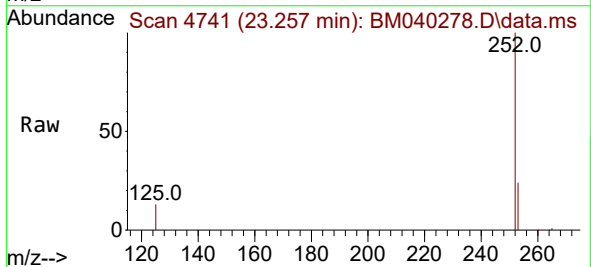
Manual Integrations
APPROVED

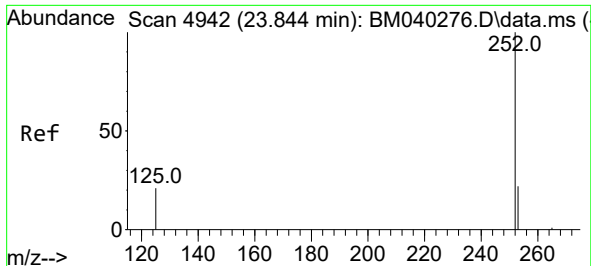
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#25
Benzo(k)fluoranthene
Concen: 11.985 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

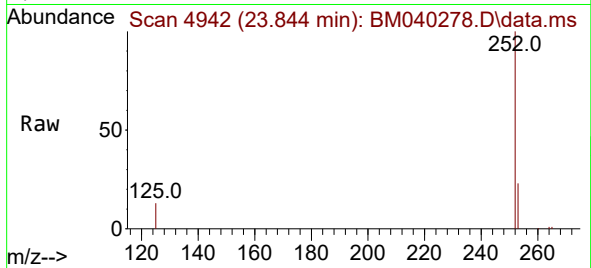
Tgt Ion:252 Resp: 844290
Ion Ratio Lower Upper
252 100
253 23.9 21.5 32.3
125 12.7 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 23.689 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

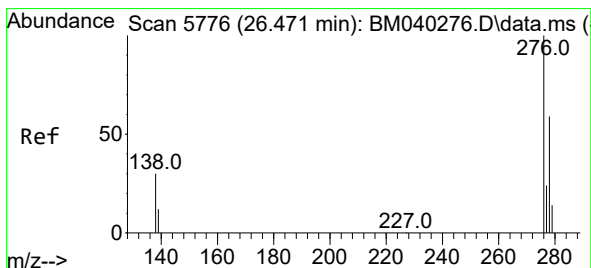
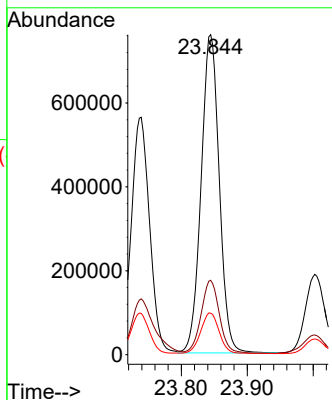
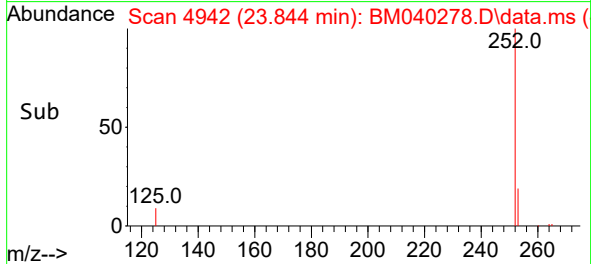
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:252 Resp: 1454158
Ion Ratio Lower Upper
252 100
253 23.2 23.4 35.0
125 12.9 19.7 29.5

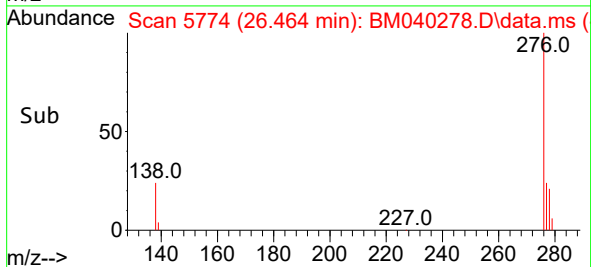
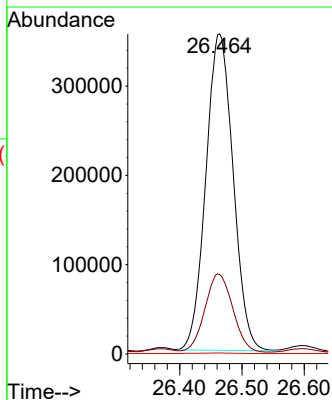
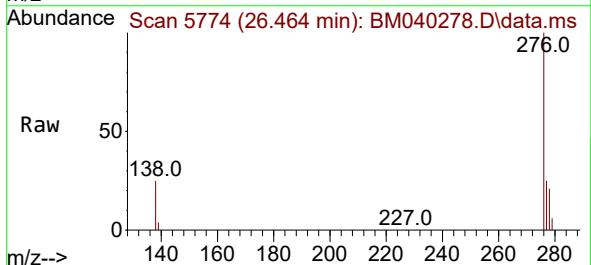
Manual Integrations
APPROVED

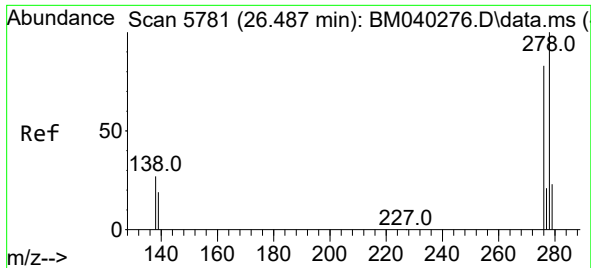
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.888 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

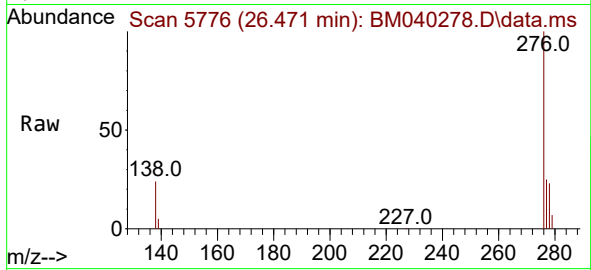
Tgt Ion:276 Resp: 1079148
Ion Ratio Lower Upper
276 100
138 25.2 23.3 34.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.479 ng/ul
RT: 26.471 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

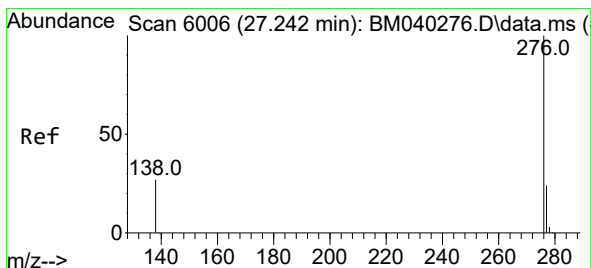
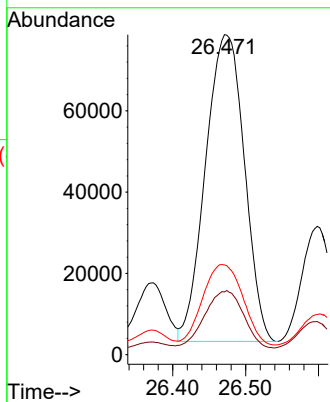
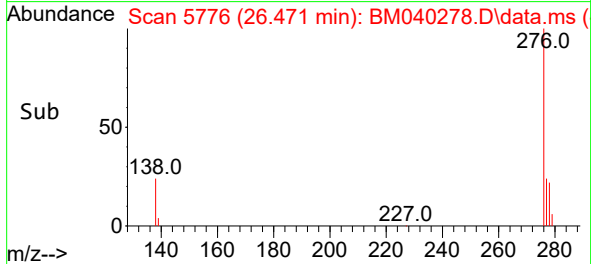
Instrument :
BNA_M
ClientSampleId :
DCFH0



Tgt Ion:278 Resp: 27938
Ion Ratio Lower Upper
278 100
139 19.6 16.4 24.6
279 28.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#29
Benzo(g,h,i)perylene
Concen: 15.065 ng/ul
RT: 27.246 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040278.D
Acq: 16 Jun 2023 13:28

Tgt Ion:276 Resp: 977755
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.4
277 24.0 19.6 29.4

