

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040285.D
 Acq On : 16 Jun 2023 17:47
 Operator : MA/JU
 Sample : 03080-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH8

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:39:47 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	10763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.782	136	38195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	18449	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	30728	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	20397	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	22114	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	43377	3.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	10362	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	13791	0.271	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.832	128	12539	0.139	ng/ul	97
7) 2-Methylnaphthalene	12.437	142	6549	0.116	ng/ul	99
8) 1-Methylnaphthalene	12.657	142	5008	0.085	ng/ul	99
10) Acenaphthylene	14.330	152	12007	0.186	ng/ul#	96
11) Acenaphthene	14.668	153	5983	0.108	ng/ul	98
12) Fluorene	15.654	166	4004	0.065	ng/ul#	95
15) Phenanthrene	17.394	178	105976	1.312	ng/ul	99
16) Anthracene	17.483	178	18431	0.269	ng/ul	98
19) Fluoranthene	19.406	202	259645	3.737	ng/ul	99
20) Pyrene	19.768	202	225645m	3.126	ng/ul	
21) Benzo(a)anthracene	21.509	228	115550	1.919	ng/ul	98
22) Chrysene	21.562	228	139318	2.191	ng/ul	97
24) Benzo(b)fluoranthene	23.210	252	238001	2.920	ng/ul	95
25) Benzo(k)fluoranthene	23.254	252	85562m	1.115	ng/ul	
26) Benzo(a)pyrene	23.845	252	156570	2.341	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.468	276	147677	1.744	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.478	278	35595	0.524	ng/ul#	90
29) Benzo(g,h,i)perylene	27.242	276	140413	1.985	ng/ul	99

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

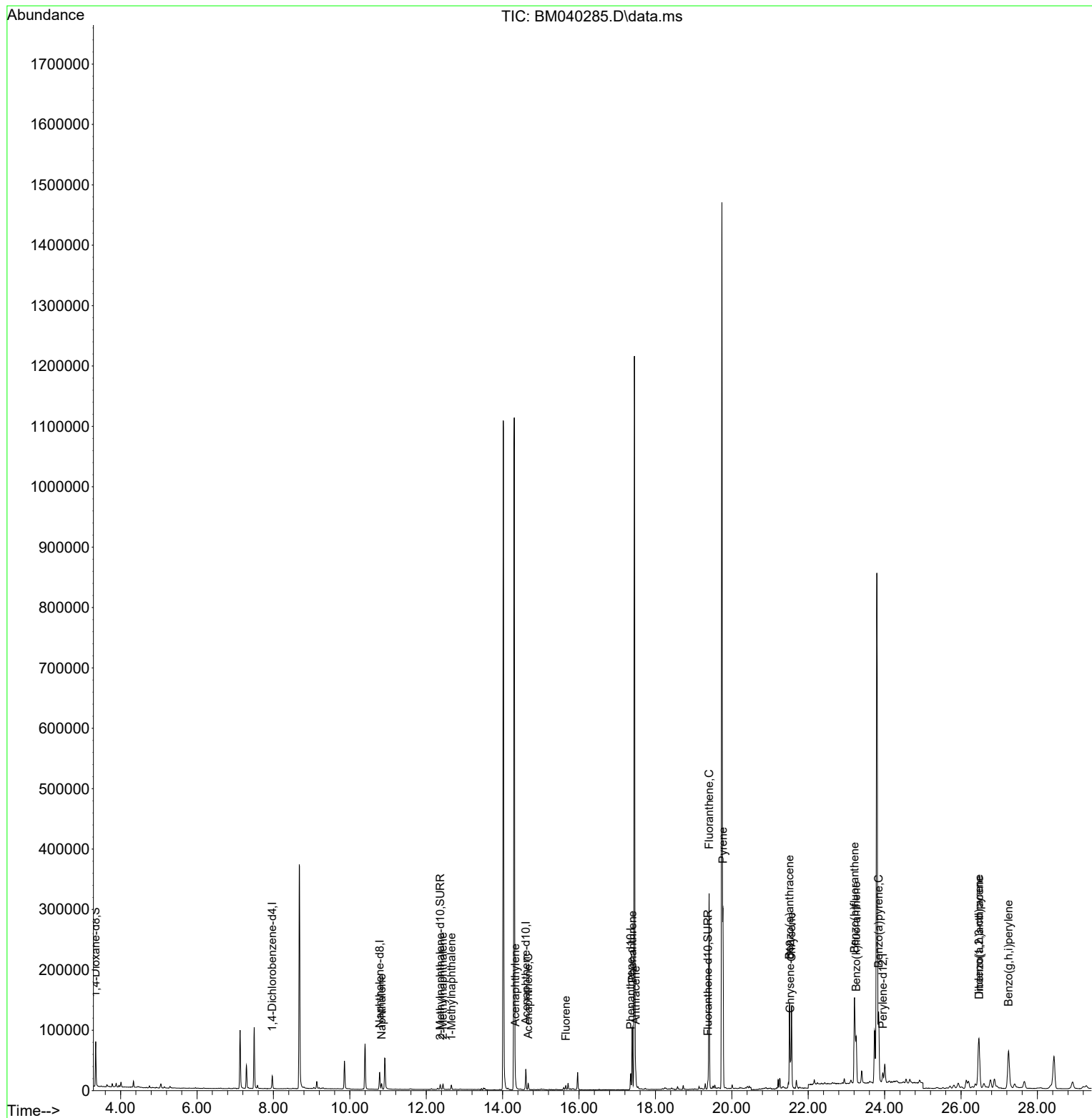
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040285.D
Acq On : 16 Jun 2023 17:47
Operator : MA/JU
Sample : 03080-09
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ALS Vial : 11 Sample Multiplier: 1

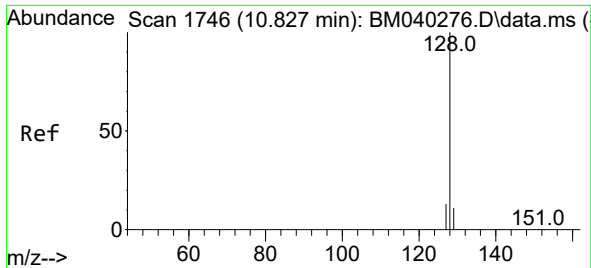
Instrument :
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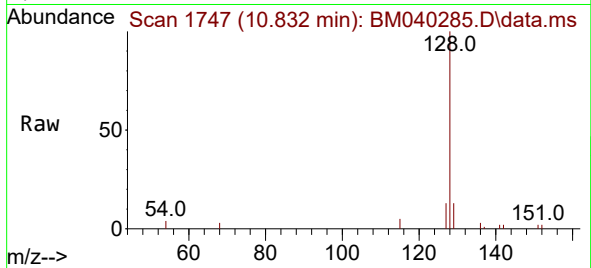
Quant Time: Jun 16 23:39:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.139 ng/ul
RT: 10.832 min Scan# 1747
Delta R.T. -0.001 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

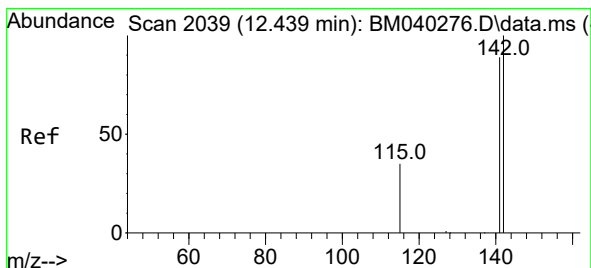
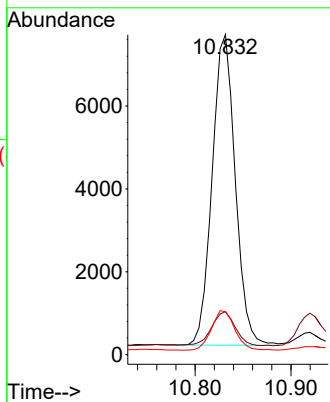
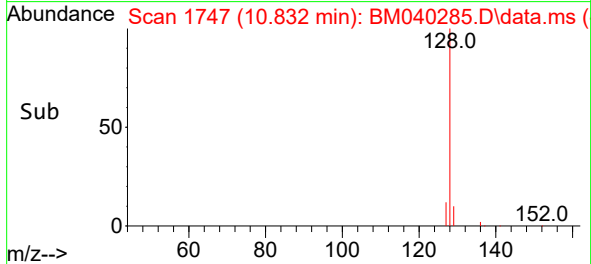
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:128 Resp: 12539
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 13.4 10.4 15.6

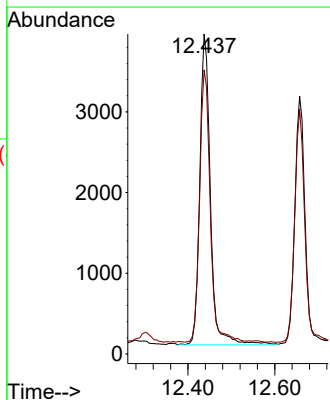
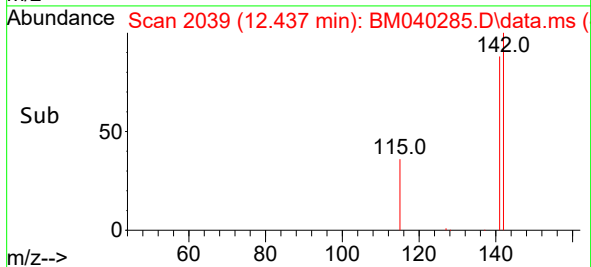
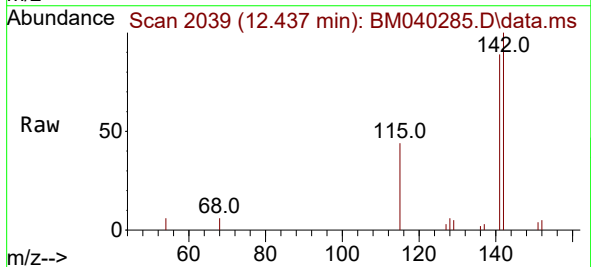
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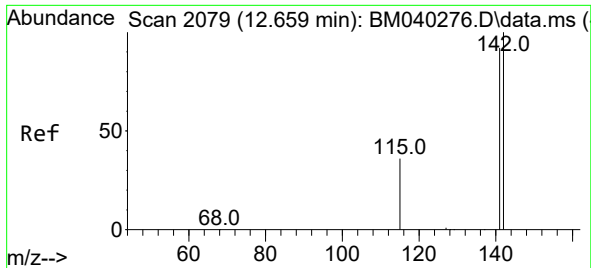
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.437 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

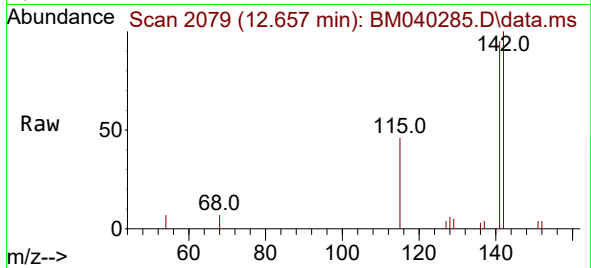
Tgt Ion:142 Resp: 6549
Ion Ratio Lower Upper
142 100
141 87.2 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.657 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

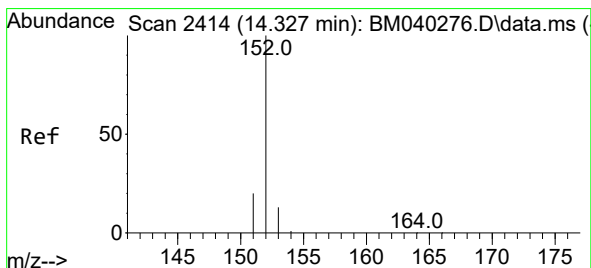
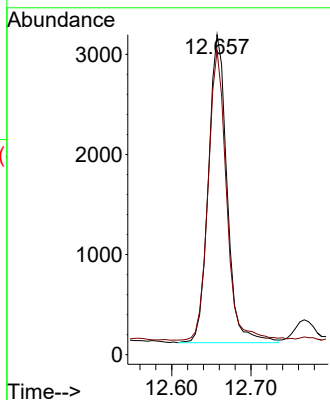
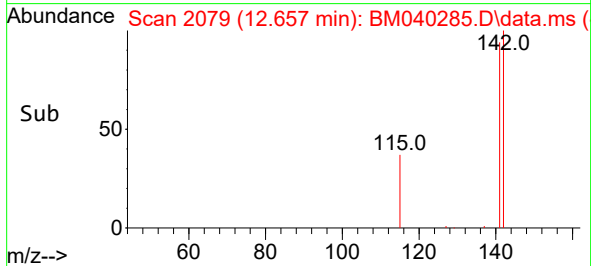
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:142 Resp: 5000
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4

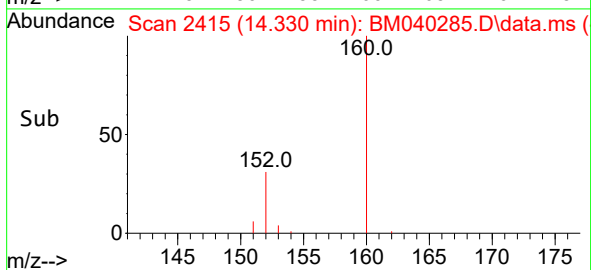
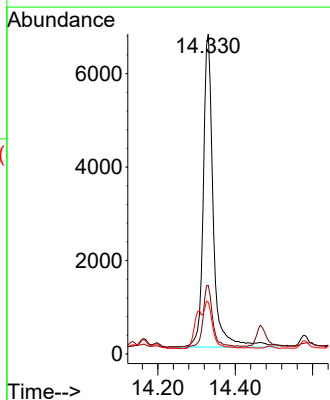
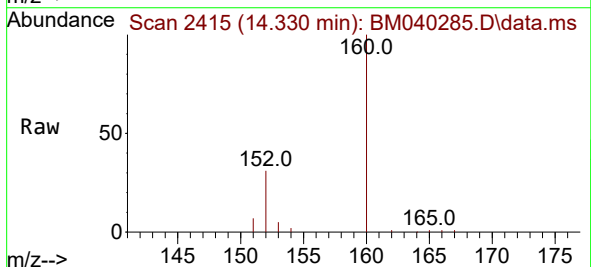
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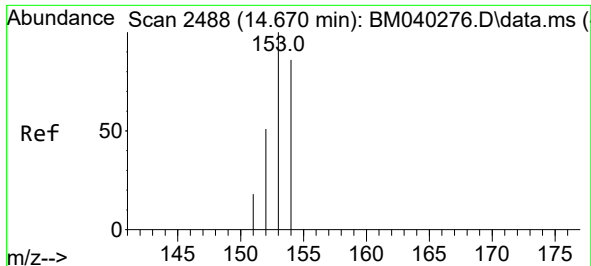
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.186 ng/ul
RT: 14.330 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

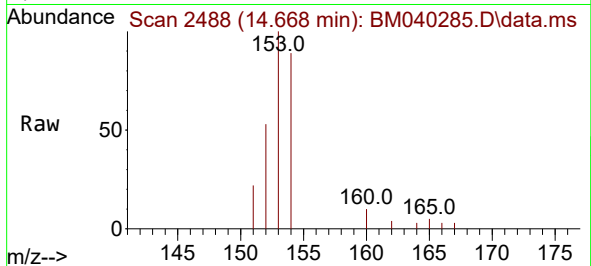
Tgt Ion:152 Resp: 12007
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 16.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.668 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

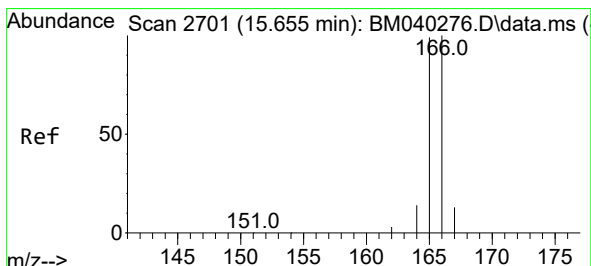
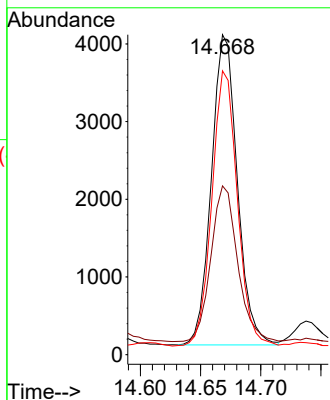
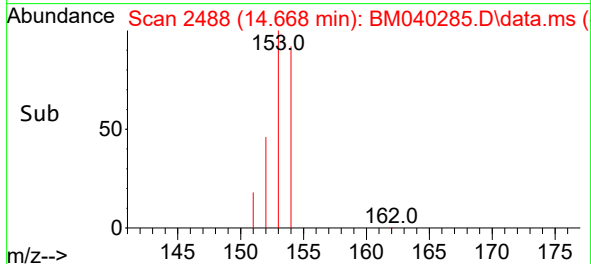
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:153 Resp: 598
Ion Ratio Lower Upper
153 100
152 52.8 40.3 60.5
154 88.7 70.5 105.7

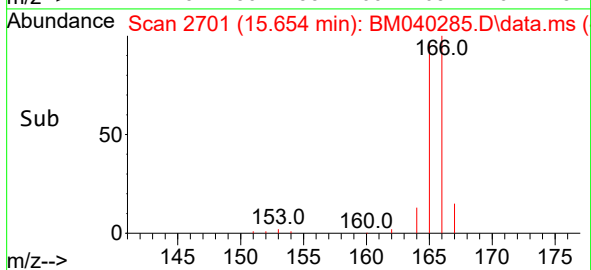
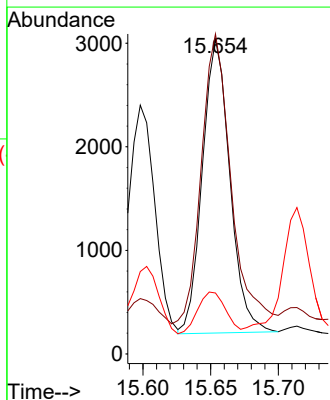
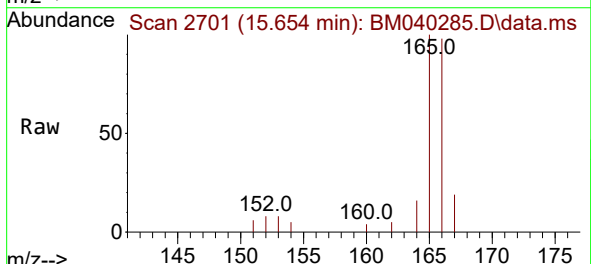
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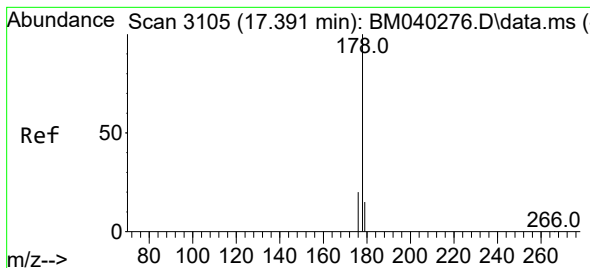
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.065 ng/ul
RT: 15.654 min Scan# 2701
Delta R.T. -0.006 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

Tgt Ion:166 Resp: 4004
Ion Ratio Lower Upper
166 100
165 101.7 78.2 117.4
167 19.4 11.0 16.4#





#15

Phenanthrene

Concen: 1.312 ng/ul

RT: 17.394 min Scan# 3105

Delta R.T. -0.001 min

Lab File: BM040285.D

Acq: 16 Jun 2023 17:47

Instrument :

BNA_M

ClientSampleId :

DCFH8

Tgt Ion:178 Resp: 105970

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

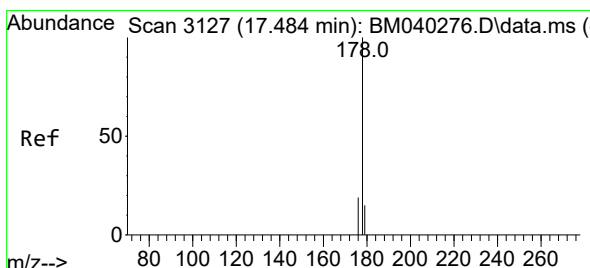
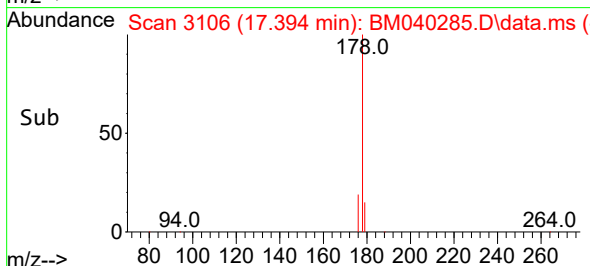
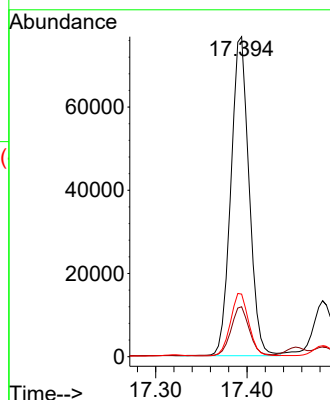
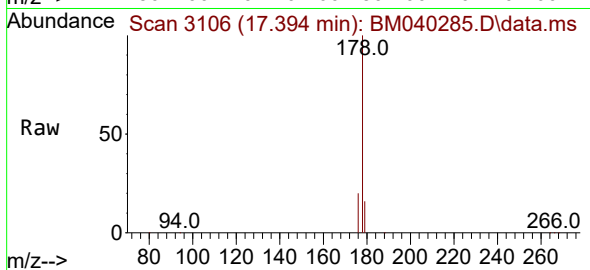
176 19.6 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#16

Anthracene

Concen: 0.269 ng/ul

RT: 17.483 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM040285.D

Acq: 16 Jun 2023 17:47

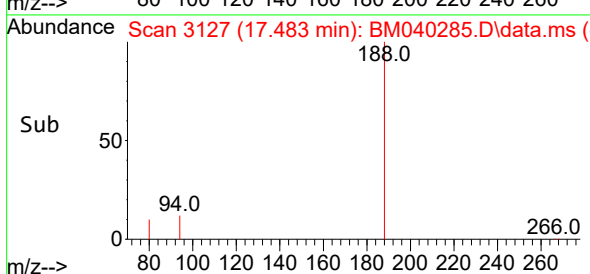
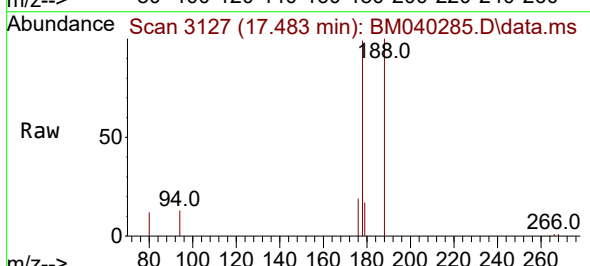
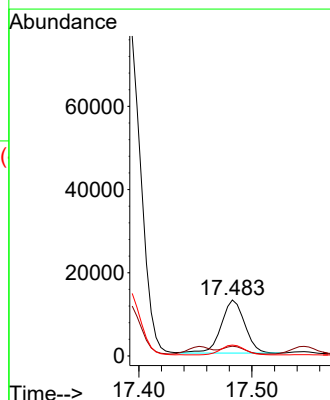
Tgt Ion:178 Resp: 18431

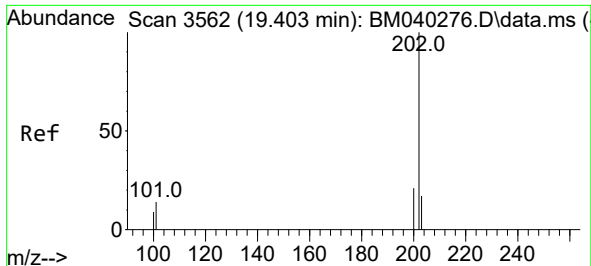
Ion Ratio Lower Upper

178 100

179 17.4 13.0 19.4

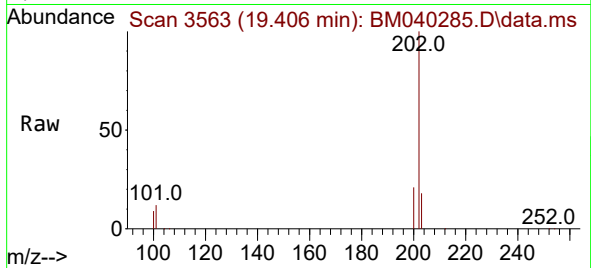
176 19.5 15.5 23.3





#19
Fluoranthene
Concen: 3.737 ng/ul
RT: 19.406 min Scan# 3562
Delta R.T. -0.001 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

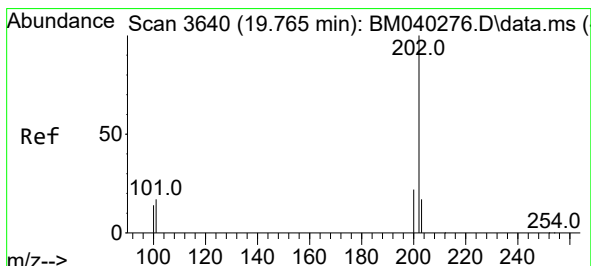
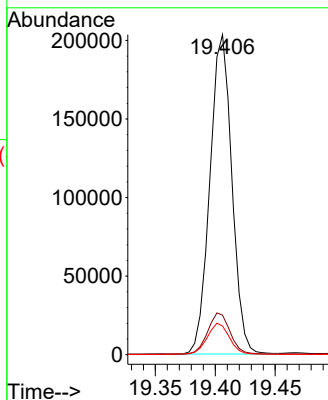
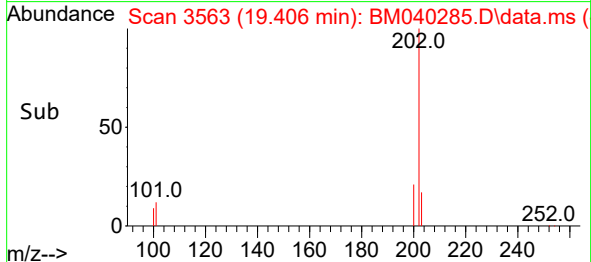
Instrument :
BNA_M
ClientSampleId :
DCFH8



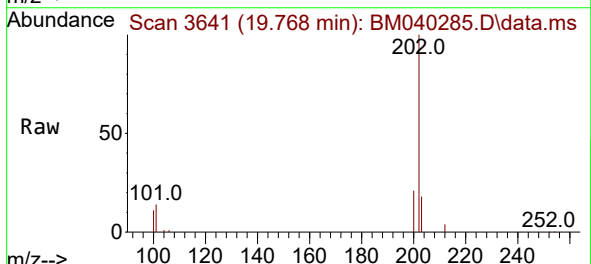
Tgt Ion:202 Resp: 259645
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 9.0 7.6 11.4

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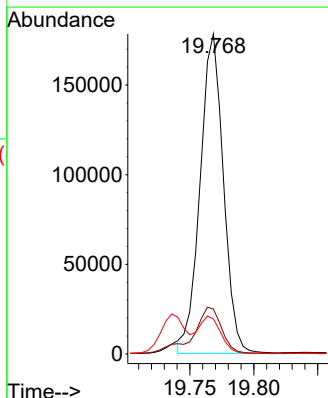
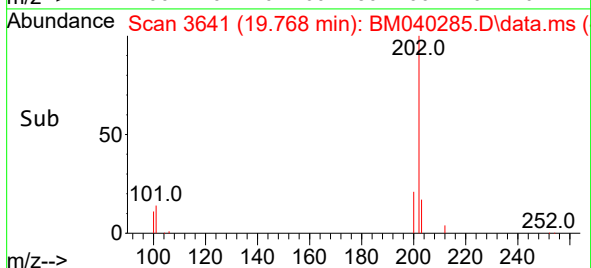
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

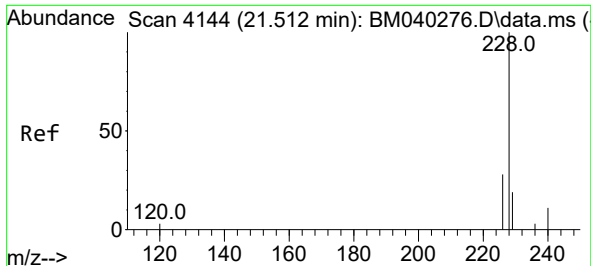


#20
Pyrene
Concen: 3.126 ng/ul m
RT: 19.768 min Scan# 3641
Delta R.T. -0.001 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47



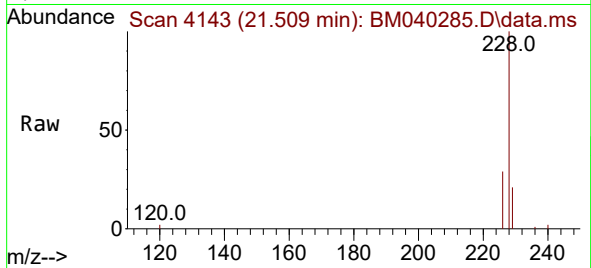
Tgt Ion:202 Resp: 225645
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.8
100 11.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 1.919 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

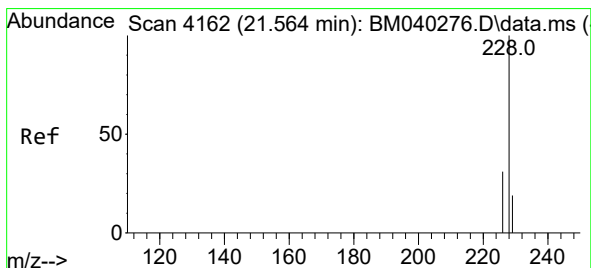
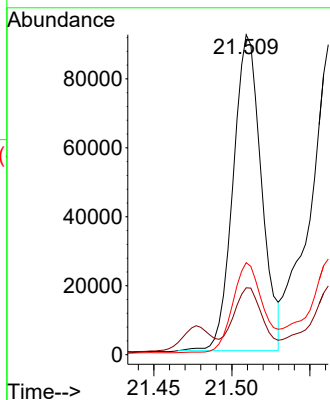
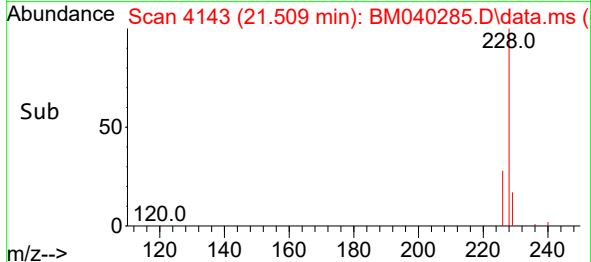
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:228 Resp: 115550
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.8 22.0 33.0

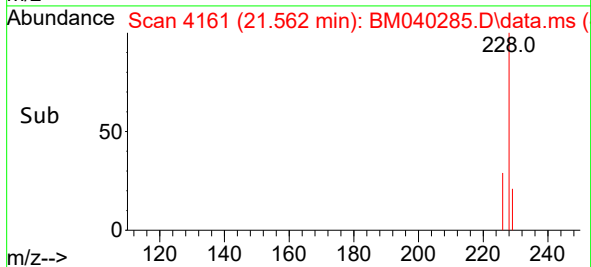
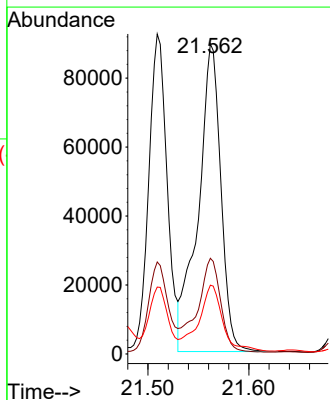
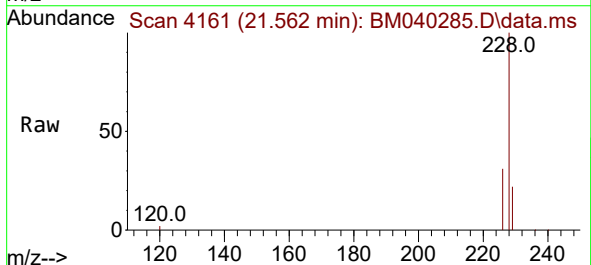
Manual Integrations
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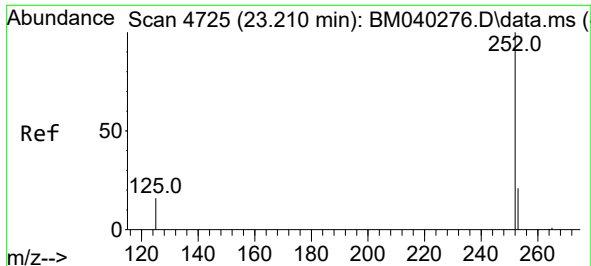
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Chrysene
Concen: 2.191 ng/ul
RT: 21.562 min Scan# 4161
Delta R.T. -0.008 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

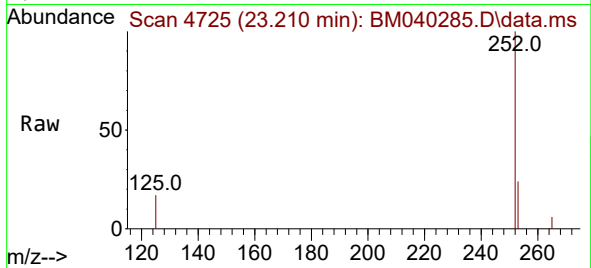
Tgt Ion:228 Resp: 139318
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.920 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

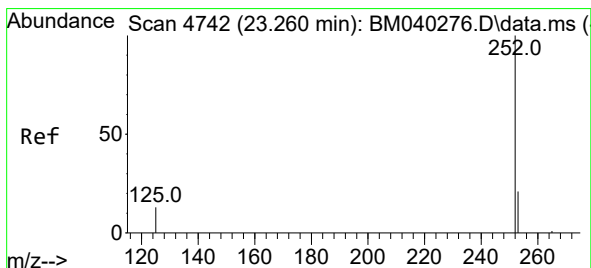
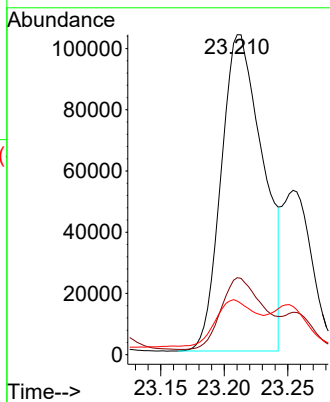
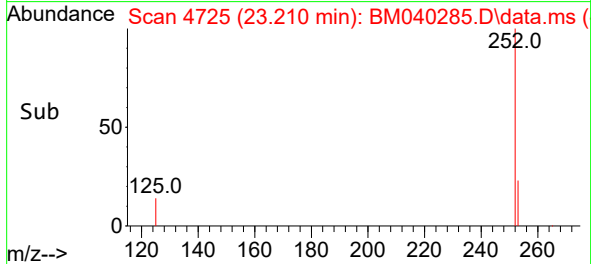
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:252 Resp: 23800
Ion Ratio Lower Upper
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253 24.0 0.0 52.4
125 16.8 0.0 38.4

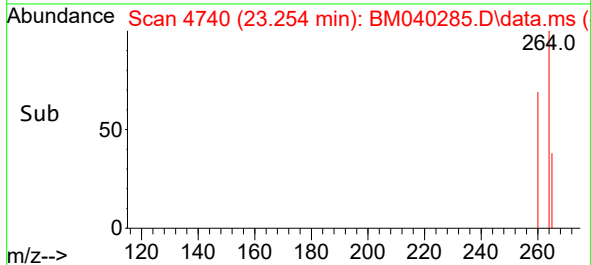
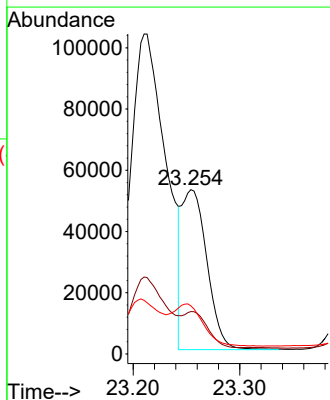
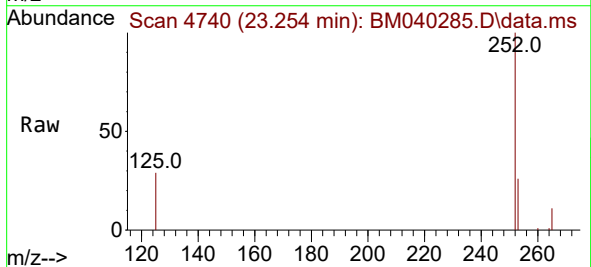
Manual Integrations
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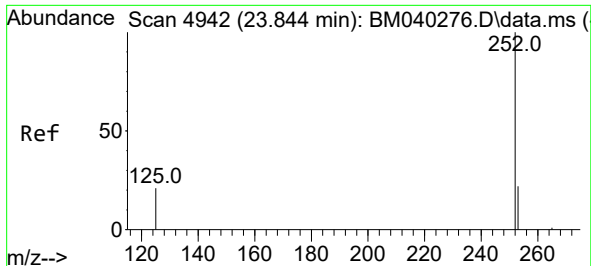
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#25
Benzo(k)fluoranthene
Concen: 1.115 ng/ul m
RT: 23.254 min Scan# 4740
Delta R.T. -0.011 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

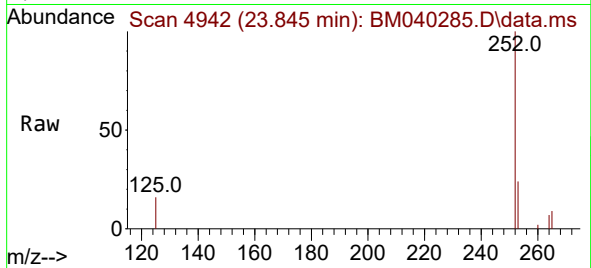
Tgt Ion:252 Resp: 85562
Ion Ratio Lower Upper
252 100
253 25.8 21.5 32.3
125 29.3 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 2.341 ng/ul
RT: 23.845 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

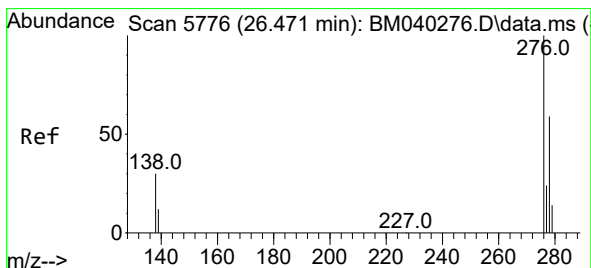
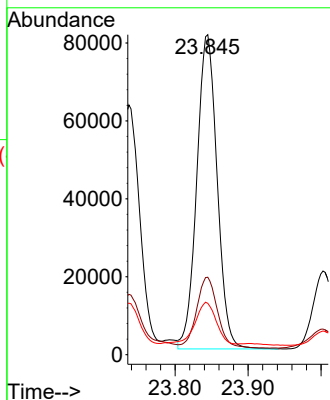
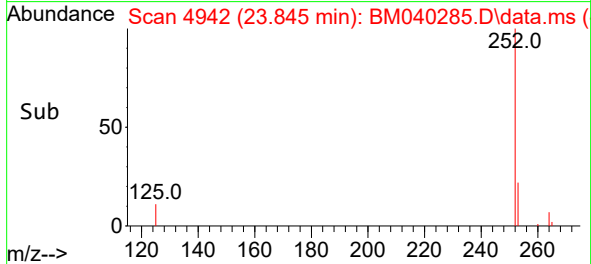
Instrument :
BNA_M
ClientSampleId :
DCFH8



Tgt Ion:252 Resp: 156570
Ion Ratio Lower Upper
252 100
253 24.2 23.4 35.0
125 16.1 19.7 29.5

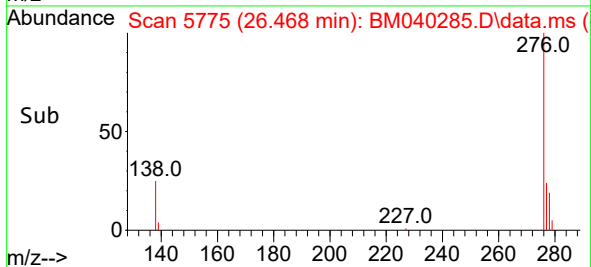
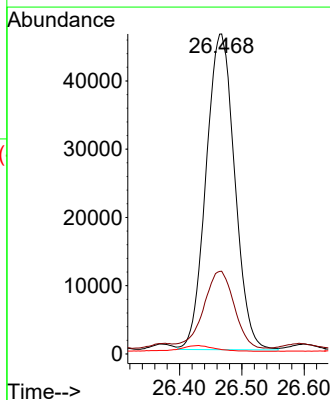
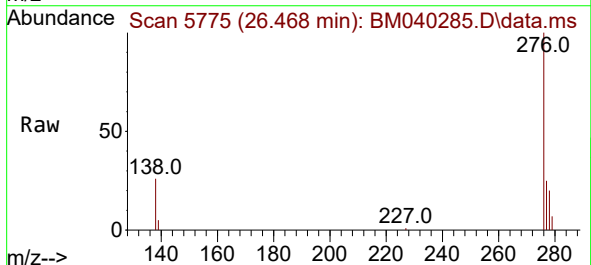
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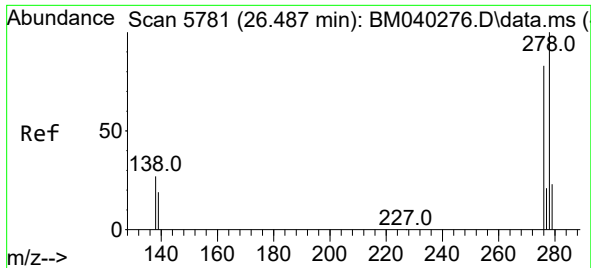
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.744 ng/ul
RT: 26.468 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

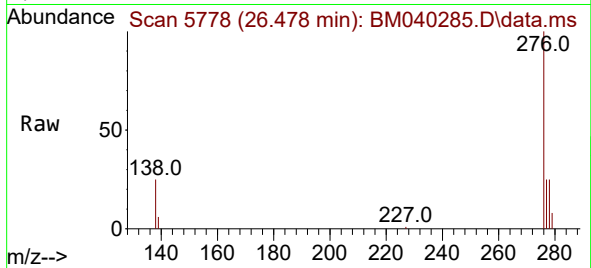
Tgt Ion:276 Resp: 147677
Ion Ratio Lower Upper
276 100
138 25.8 23.3 34.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 26.478 min Scan# 5781
Delta R.T. -0.020 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47

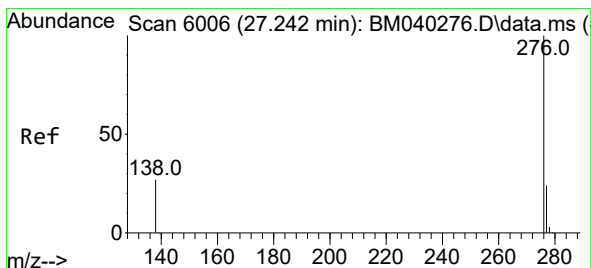
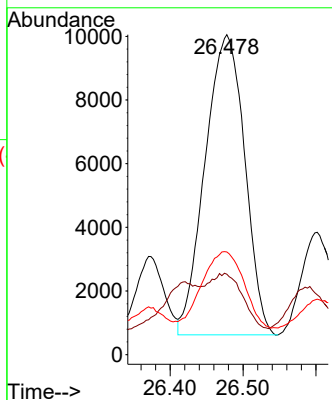
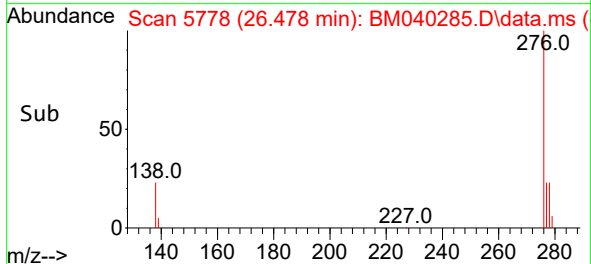
Instrument :
BNA_M
ClientSampleId :
DCFH8



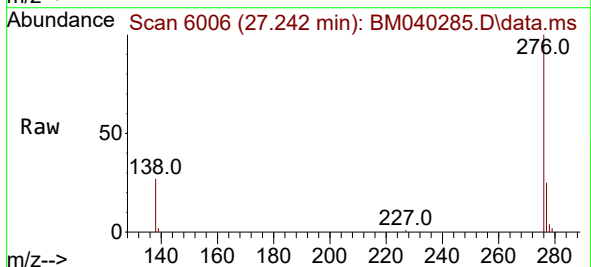
Tgt Ion:278 Resp: 3559
Ion Ratio Lower Upper
278 100
139 25.1 16.4 24.6
279 32.1 21.8 32.8

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



#29
Benzo(g,h,i)perylene
Concen: 1.985 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.013 min
Lab File: BM040285.D
Acq: 16 Jun 2023 17:47



Tgt Ion:276 Resp: 140413
Ion Ratio Lower Upper
276 100
138 27.1 21.0 31.4
277 24.6 19.6 29.4

