

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041671.D
 Acq On : 06 Sep 2023 22:56
 Operator : MA/JU
 Sample : 04113-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYJ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/07/2023

Quant Time: Sep 07 00:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	14195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	8162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	15407	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	8948	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	10573	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	27200	3.083	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4295	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7681	0.177	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.873	128	16774	0.360	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	40068	1.514	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	29765	1.119	ng/ul	99
10) Acenaphthylene	14.370	152	5940	0.118	ng/ul#	34
11) Acenaphthene	14.712	153	8092	0.206	ng/ul	89
12) Fluorene	15.693	166	10019	0.228	ng/ul#	87
15) Phenanthrene	17.438	178	75417	1.159	ng/ul	98
16) Anthracene	17.531	178	13582	0.244	ng/ul#	86
19) Fluoranthene	19.445	202	92739	0.878	ng/ul	98
20) Pyrene	19.812	202	79859m	0.761	ng/ul	
21) Benzo(a)anthracene	21.547	228	42082	0.577	ng/ul	96
22) Chrysene	21.603	228	54958	0.698	ng/ul#	96
24) Benzo(b)fluoranthene	23.249	252	84401	0.892	ng/ul	88
25) Benzo(k)fluoranthene	23.295	252	29325m	0.317	ng/ul	
26) Benzo(a)pyrene	23.892	252	49865	0.649	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.522	276	53409	0.506	ng/ul	89
28) Dibenzo(a,h)anthracene	26.538	278	11879	0.161	ng/ul#	57
29) Benzo(g,h,i)perylene	27.310	276	54565	0.584	ng/ul	99

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

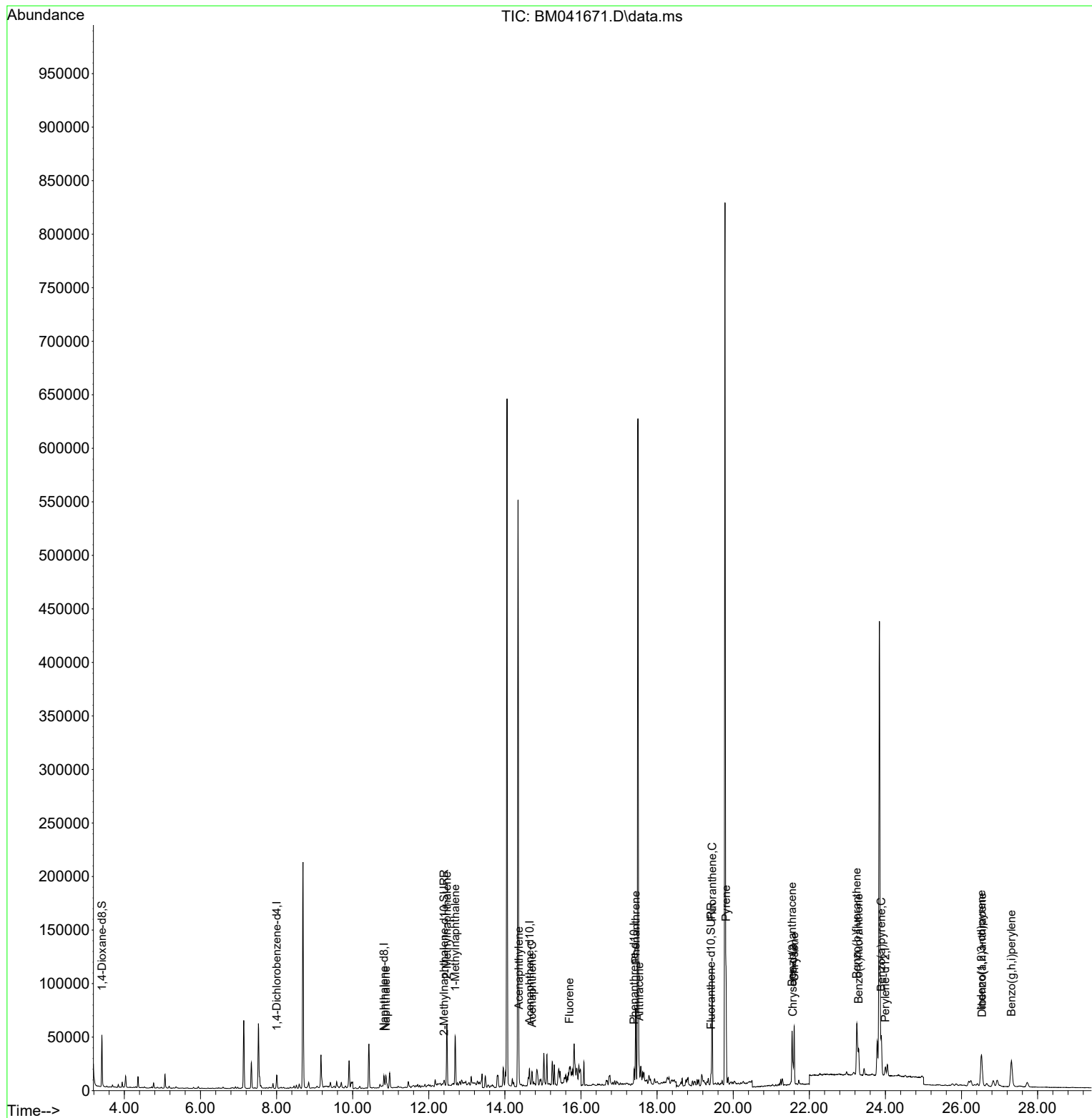
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041671.D
Acq On : 06 Sep 2023 22:56
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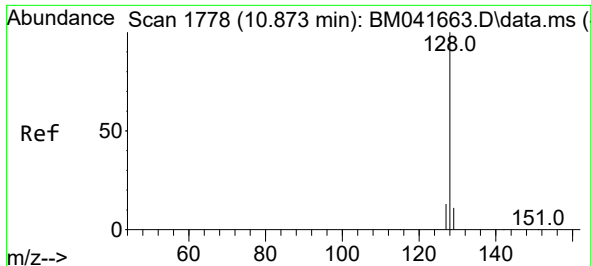
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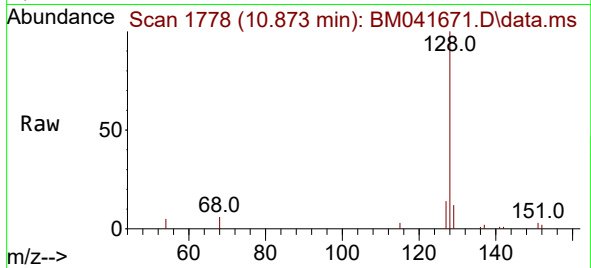
Quant Time: Sep 07 00:25:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

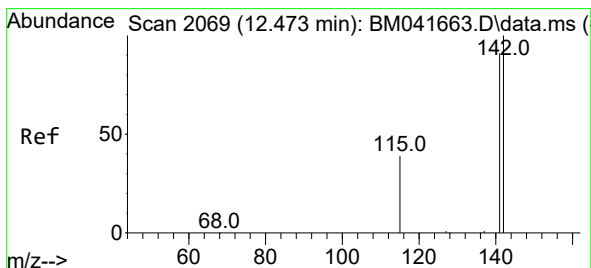
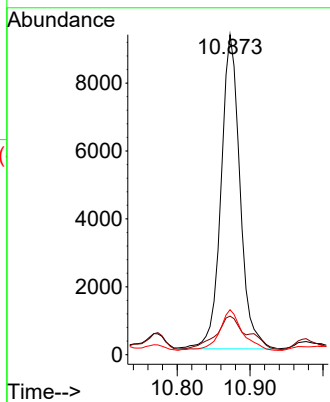
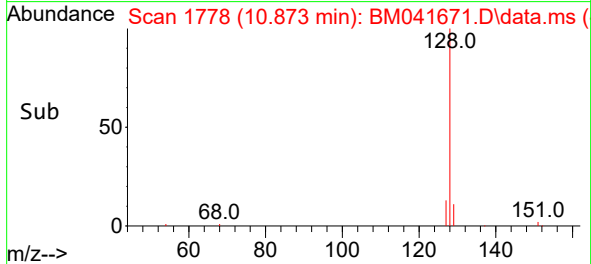
Instrument :
BNA_M
ClientSampleId :
EZYJ0



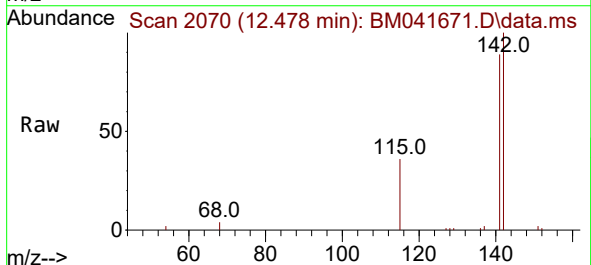
Tgt Ion:128 Resp: 16774
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.1 11.0 16.6

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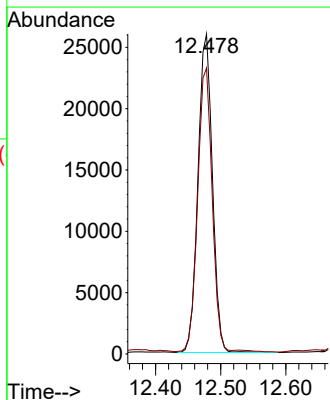
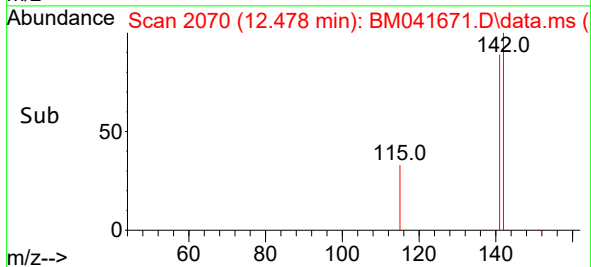
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

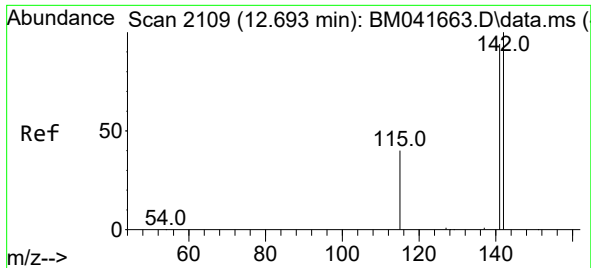


#7
2-Methylnaphthalene
Concen: 1.514 ng/ul
RT: 12.478 min Scan# 2070
Delta R.T. -0.000 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56



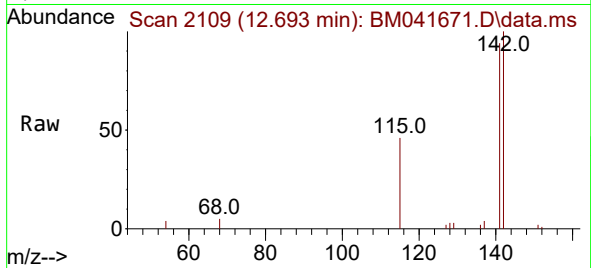
Tgt Ion:142 Resp: 40068
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 1.119 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

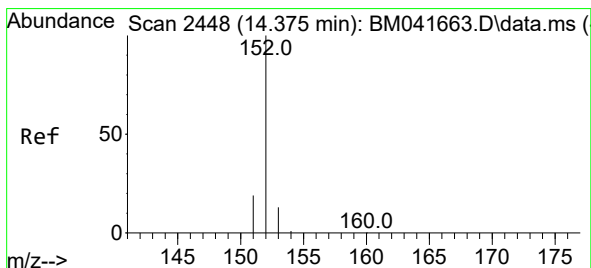
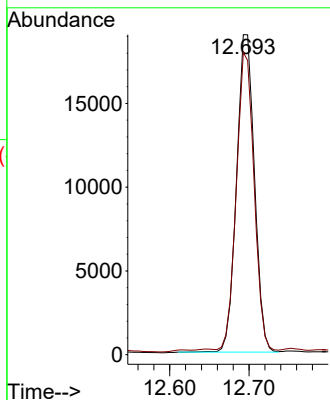
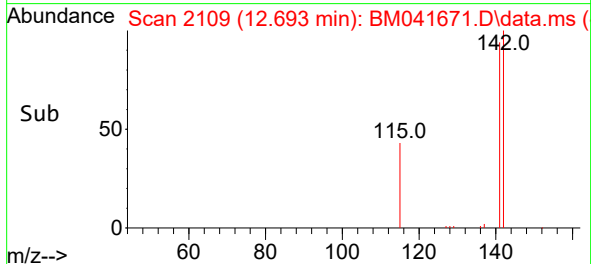
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 2976
Ion Ratio Lower Upper
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141 92.5 74.4 111.6

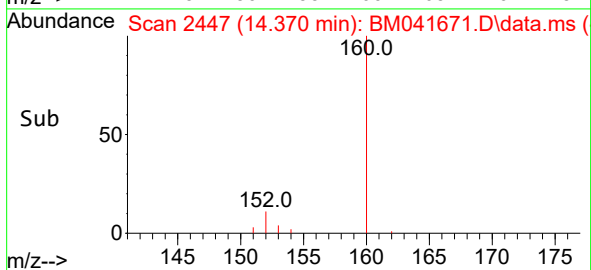
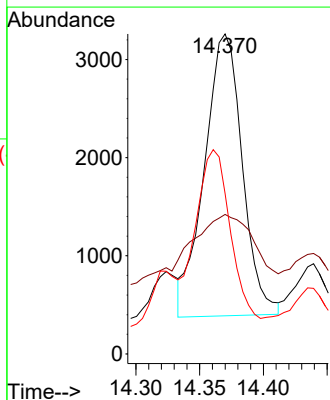
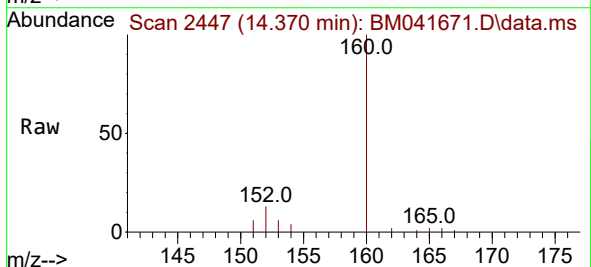
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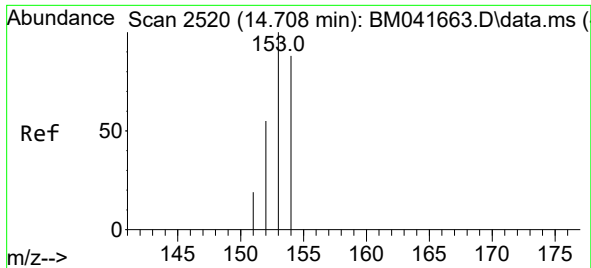
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

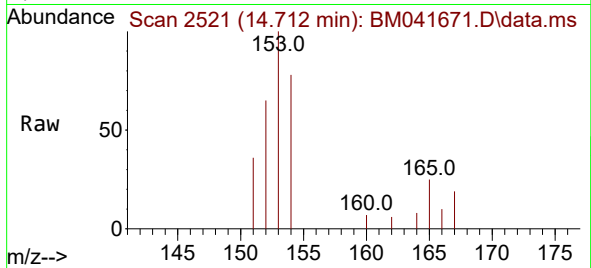
Tgt Ion:152 Resp: 5940
Ion Ratio Lower Upper
152 100
151 43.6 16.4 24.6#
153 50.2 11.1 16.7#





#11
Acenaphthene
Concen: 0.206 ng/u1
RT: 14.712 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

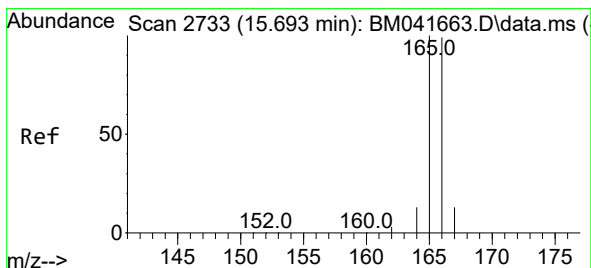
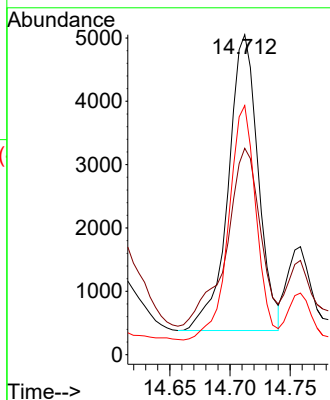
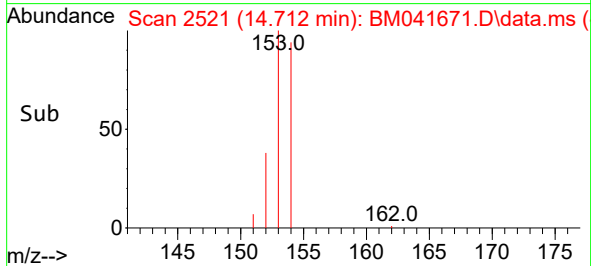
Instrument :
BNA_M
ClientSampleId :
EZYJ0



Tgt Ion:153 Resp: 8092
Ion Ratio Lower Upper
153 100
152 64.5 43.4 65.2
154 77.8 69.4 104.0

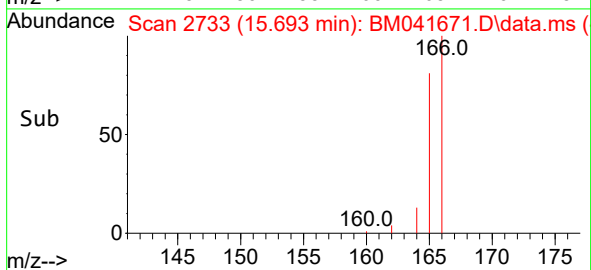
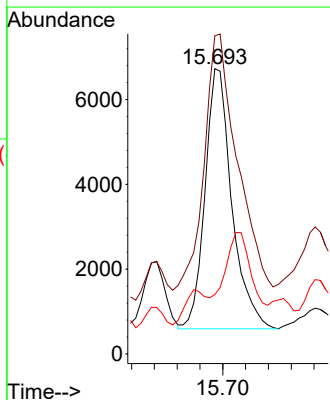
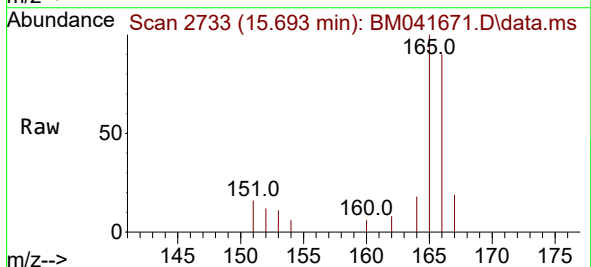
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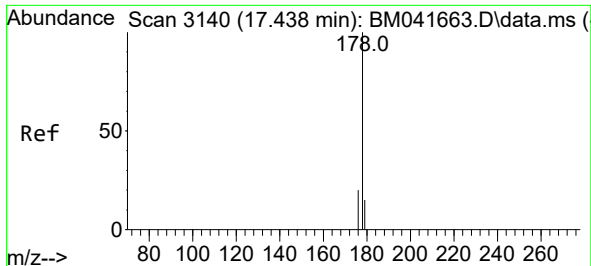
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#12
Fluorene
Concen: 0.228 ng/u1
RT: 15.693 min Scan# 2733
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

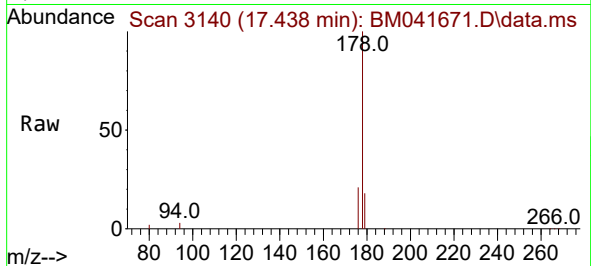
Tgt Ion:166 Resp: 10019
Ion Ratio Lower Upper
166 100
165 111.5 79.4 119.2
167 20.8 11.3 16.9#





#15
Phenanthrene
Concen: 1.159 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

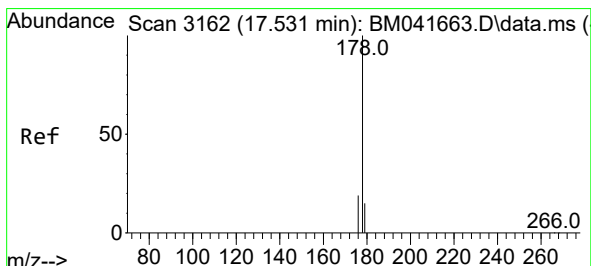
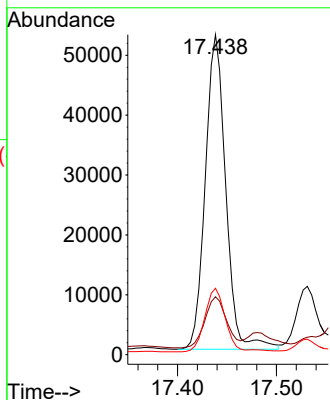
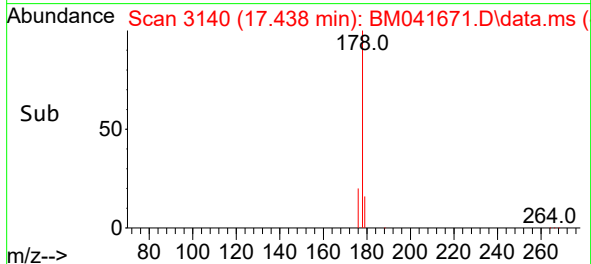
Instrument :
BNA_M
ClientSampleId :
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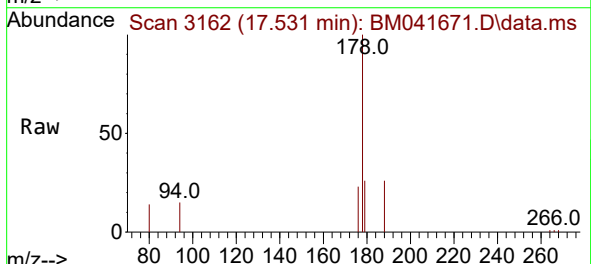
Tgt Ion:178 Resp: 7541
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.8 16.9 25.3

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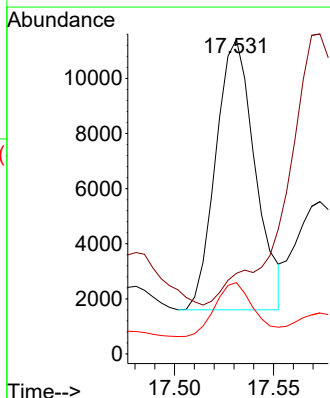
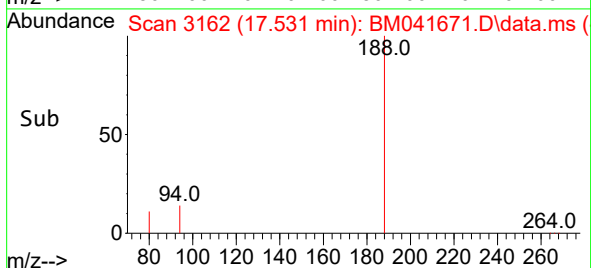
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

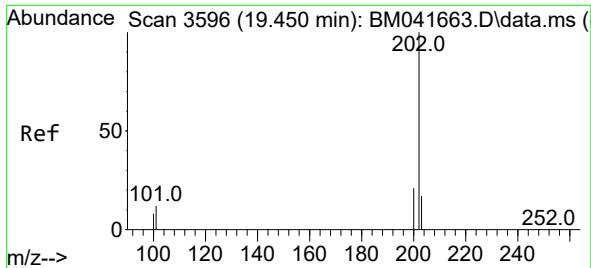


#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56



Tgt Ion:178 Resp: 13582
Ion Ratio Lower Upper
178 100
179 25.6 12.9 19.3#
176 22.7 15.8 23.8





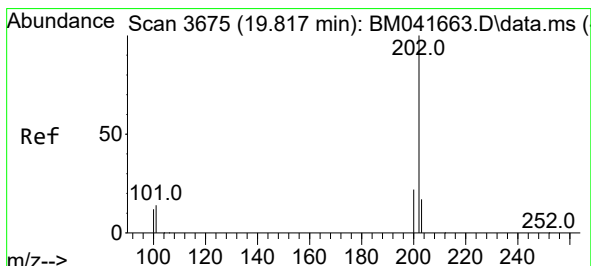
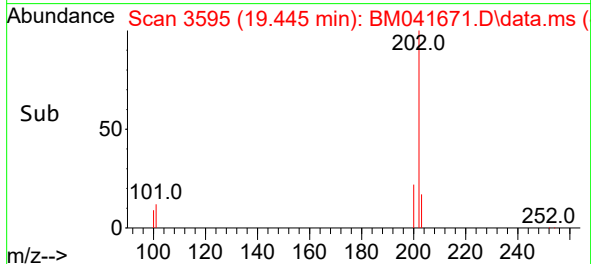
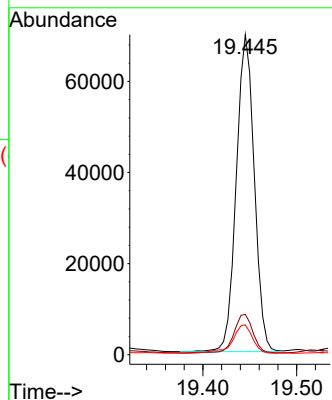
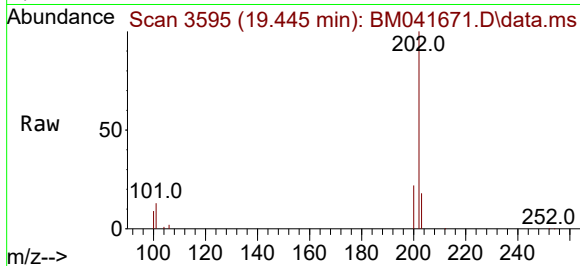
#19
Fluoranthene
Concen: 0.878 ng/ul
RT: 19.445 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM041671.D
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Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 92739
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 9.3 8.4 12.6

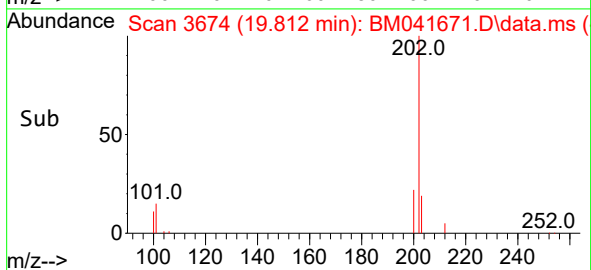
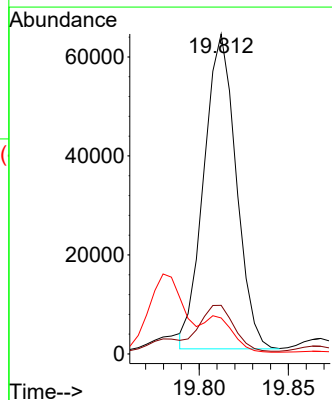
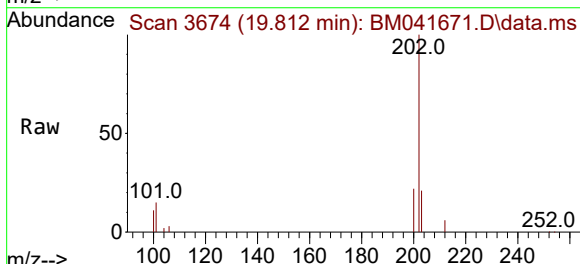
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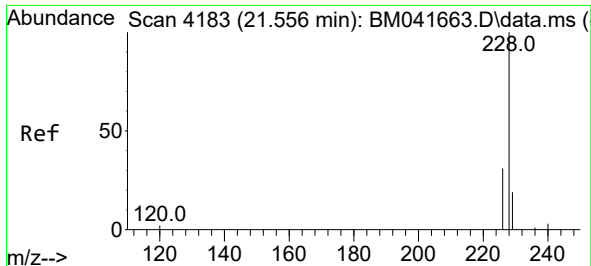
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#20
Pyrene
Concen: 0.761 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

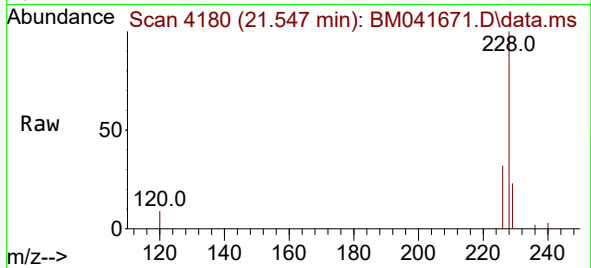
Tgt Ion:202 Resp: 79859
Ion Ratio Lower Upper
202 100
101 15.2 11.8 17.8
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.577 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

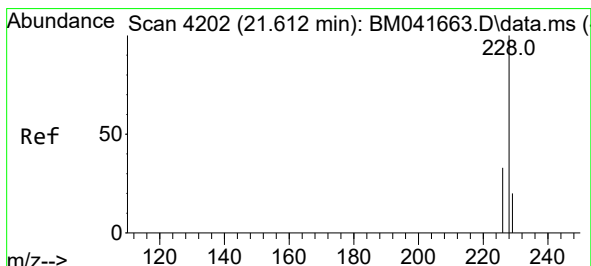
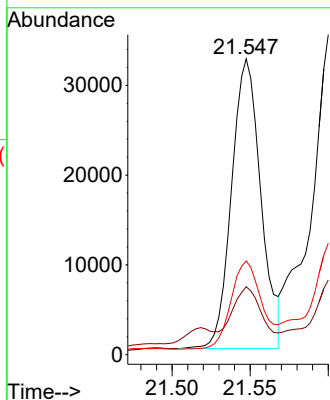
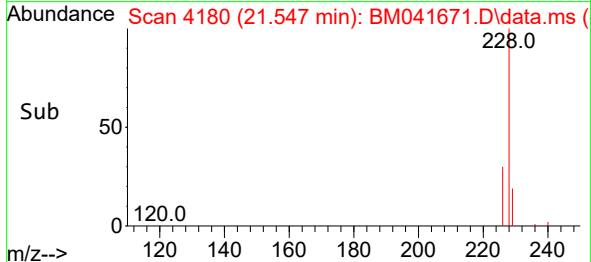
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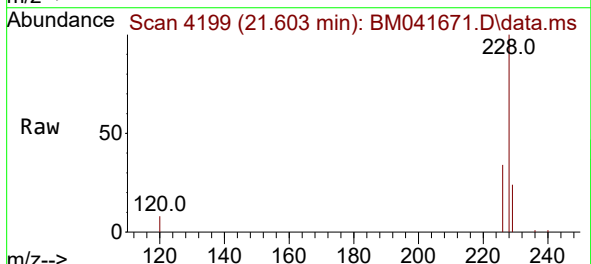
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Ion Ratio Lower Upper
228 100
229 23.0 15.8 23.6
226 31.7 24.8 37.2

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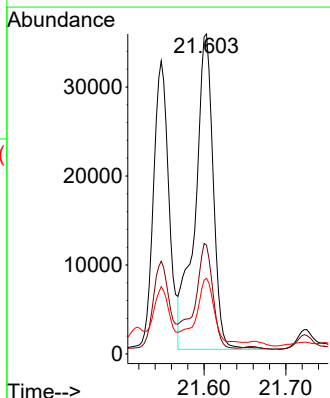
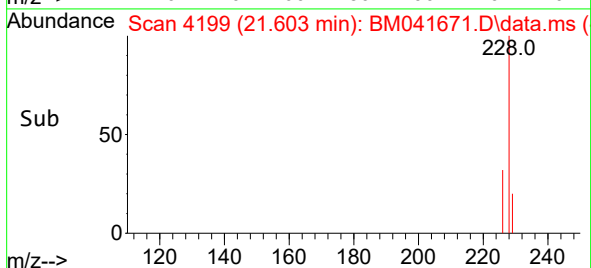
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

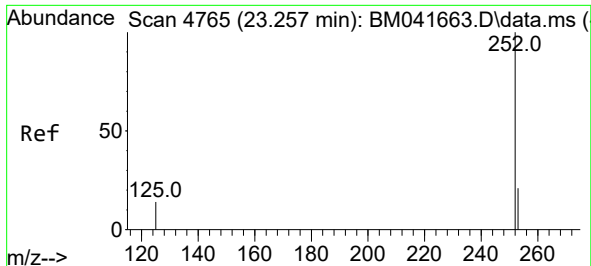


#22
Chrysene
Concen: 0.698 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56



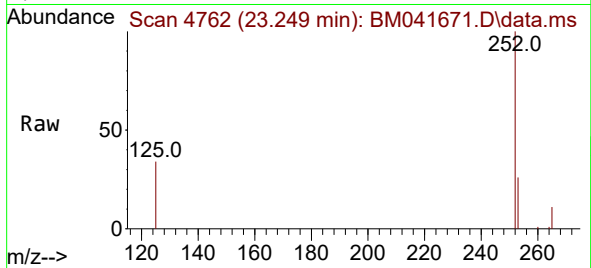
Tgt Ion:228 Resp: 54958
Ion Ratio Lower Upper
228 100
226 34.0 27.0 40.6
229 23.7 15.4 23.2#





#24
Benzo(b)fluoranthene
Concen: 0.892 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

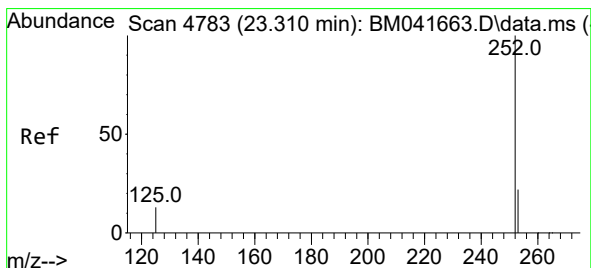
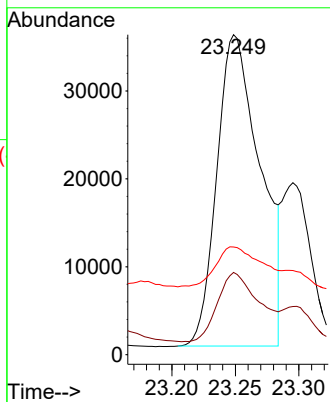
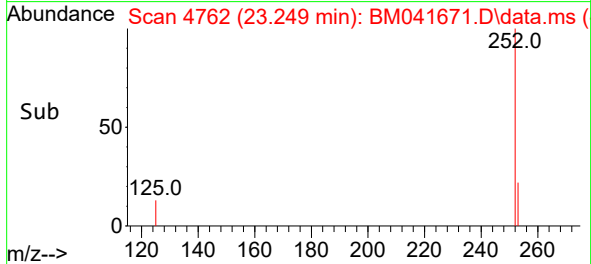
Instrument :
BNA_M
ClientSampleId :
EZYJ0



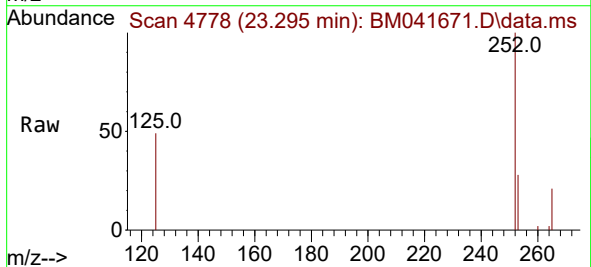
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Ion Ratio Lower Upper
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253 25.7 0.0 52.4
125 33.7 0.0 42.8

Manual Integrations
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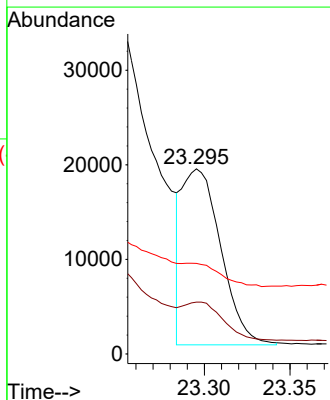
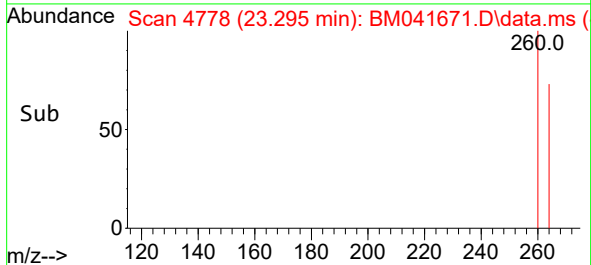
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023

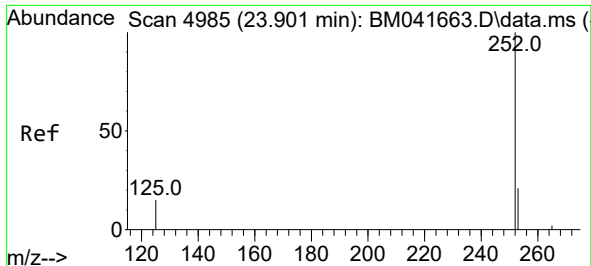


#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul m
RT: 23.295 min Scan# 4778
Delta R.T. -0.009 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56



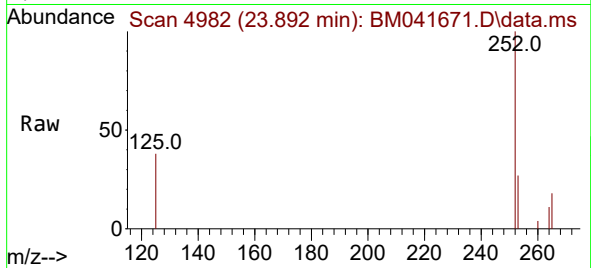
Tgt Ion:252 Resp: 29325
Ion Ratio Lower Upper
252 100
253 28.0 21.3 31.9
125 48.9 17.4 26.0#





#26
Benzo(a)pyrene
Concen: 0.649 ng/ul
RT: 23.892 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

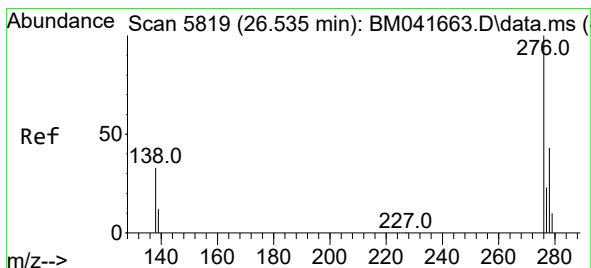
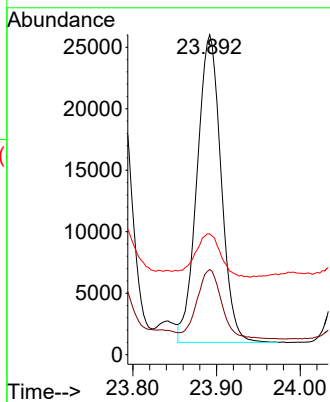
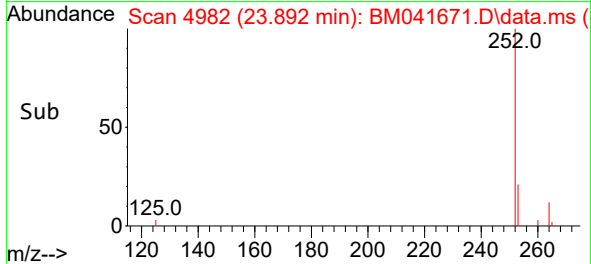
Instrument :
BNA_M
ClientSampleId :
EZYJ0



Tgt Ion:252 Resp: 4986
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 37.8 21.0 31.4

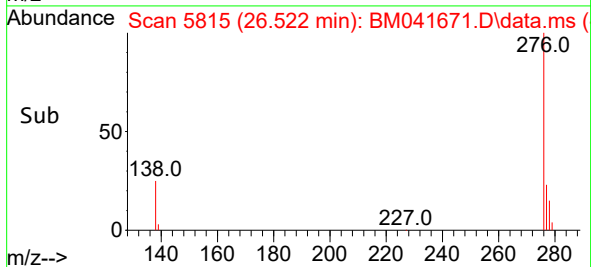
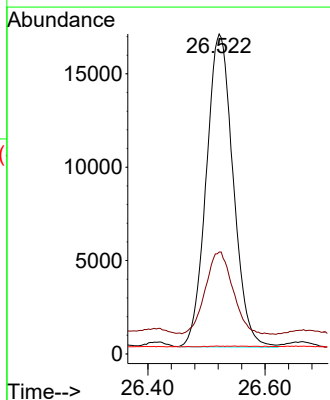
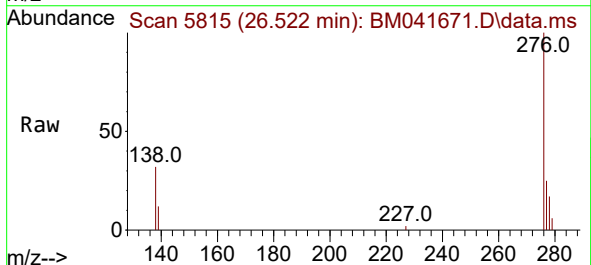
Manual Integrations
APPROVED

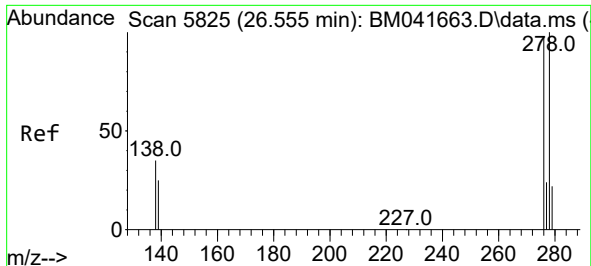
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

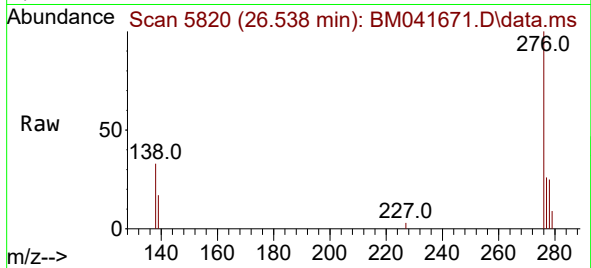
Tgt Ion:276 Resp: 53409
Ion Ratio Lower Upper
276 100
138 26.9 26.4 39.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.538 min Scan# 5820
Delta R.T. -0.013 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

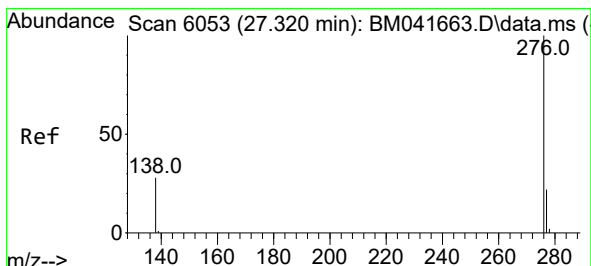
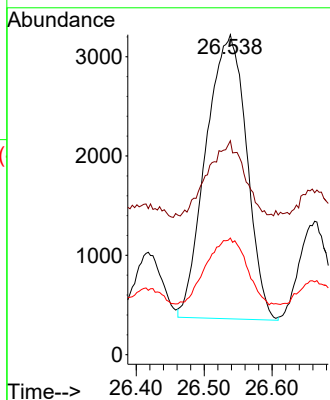
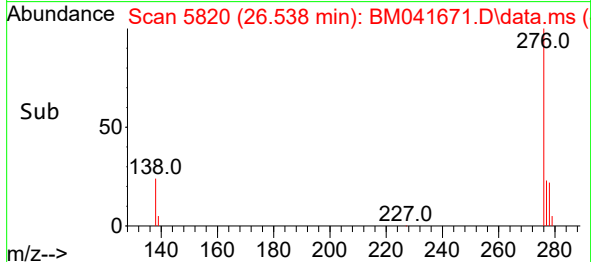
Instrument :
BNA_M
ClientSampleId :
EZYJ0



Tgt Ion:278 Resp: 11879
Ion Ratio Lower Upper
278 100
139 66.9 23.0 34.6
279 36.4 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



#29
Benzo(g,h,i)perylene
Concen: 0.584 ng/ul
RT: 27.310 min Scan# 6050
Delta R.T. -0.007 min
Lab File: BM041671.D
Acq: 06 Sep 2023 22:56

Tgt Ion:276 Resp: 54565
Ion Ratio Lower Upper
276 100
138 32.0 25.0 37.4
277 25.1 20.2 30.2

