

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041059.D
 Acq On : 22 Jul 2023 18:11
 Operator : MA/JU
 Sample : 03504-06
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:37:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	3676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	12806	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	7228	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	34126m	0.400	ng/ul	0.02
17) Chrysene-d12	21.460	240	13873	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	12645	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7439	1.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	4609	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.296	212	9909	0.170	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1734	0.050	ng/ul#	71
7) 2-Methylnaphthalene	12.330	142	1805	0.094	ng/ul	90
8) 1-Methylnaphthalene	12.550	142	1865	0.091	ng/ul	96
10) Acenaphthylene	14.231	152	1843	0.061	ng/ul#	66
11) Acenaphthene	14.573	153	2136	0.080	ng/ul	95
12) Fluorene	15.563	166	2996	0.108	ng/ul#	97
15) Phenanthrene	17.307	178	33926	0.333	ng/ul	99
16) Anthracene	17.400	178	2764	0.035	ng/ul#	87
19) Fluoranthene	19.329	202	70801	0.988	ng/ul#	93
20) Pyrene	19.692	202	49679	0.679	ng/ul#	93
21) Benzo(a)anthracene	21.445	228	26158	0.619	ng/ul	98
22) Chrysene	21.498	228	31448	0.651	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	38655	0.796	ng/ul	92
25) Benzo(k)fluoranthene	23.170	252	13705m	0.297	ng/ul	
26) Benzo(a)pyrene	23.743	252	3976	0.095	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.320	276	11655	0.210	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.327	278	4058	0.096	ng/ul#	77

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

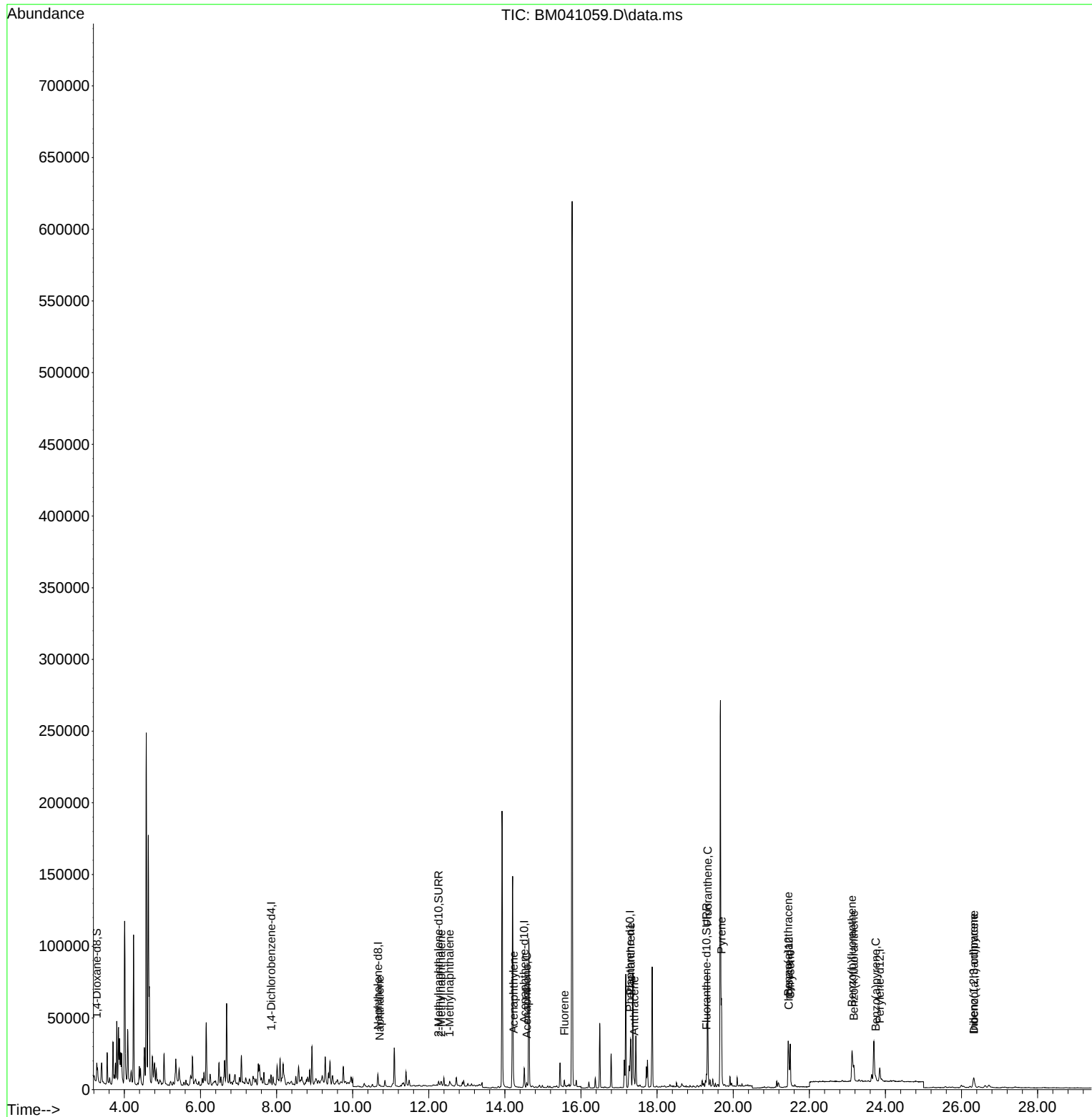
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041059.D
Acq On : 22 Jul 2023 18:11
Operator : MA/JU
Sample : 03504-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

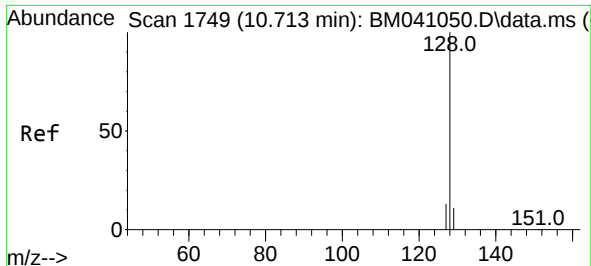
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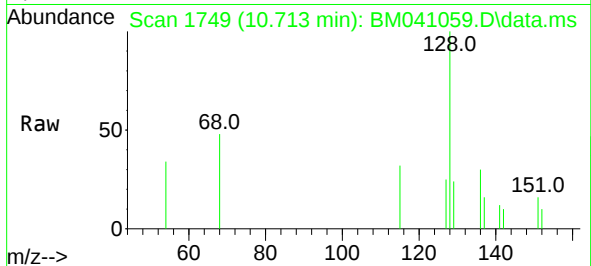
Quant Time: Jul 22 22:37:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

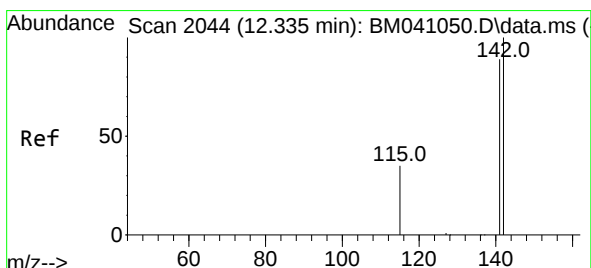
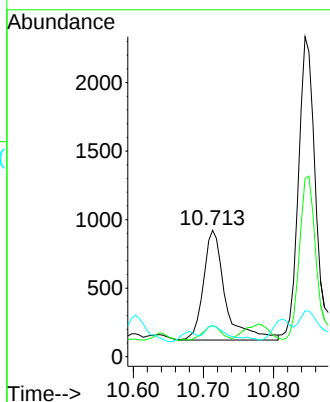
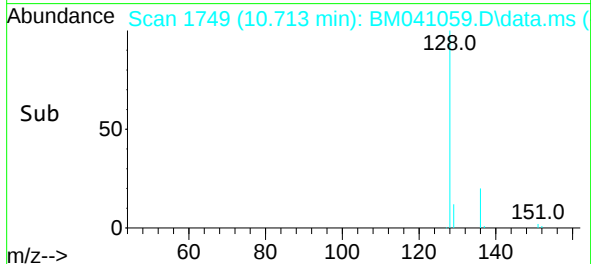
Instrument :
BNA_M
ClientSampleId :
A46W3



Tgt Ion:128 Resp: 1734
Ion Ratio Lower Upper
128 100
129 24.4 9.8 14.8
127 24.7 11.0 16.4

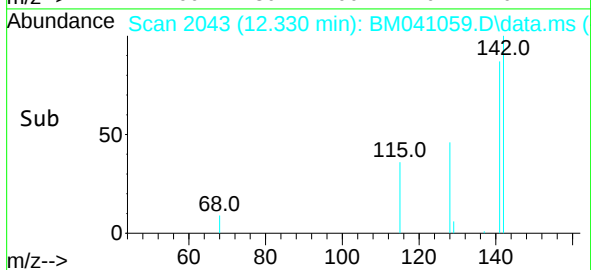
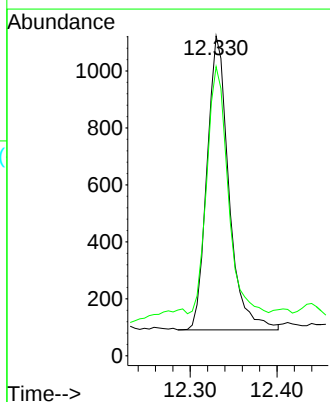
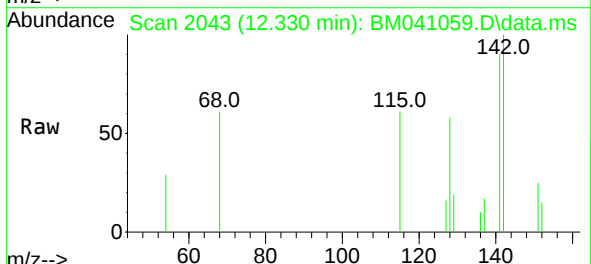
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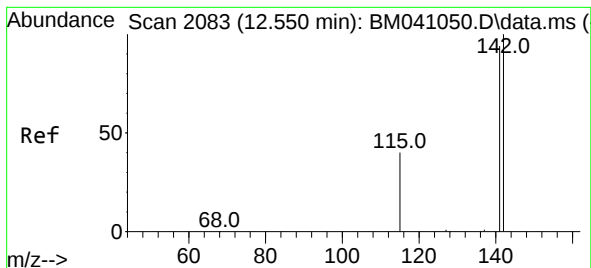
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

Tgt Ion:142 Resp: 1805
Ion Ratio Lower Upper
142 100
141 82.1 73.2 109.8





#8

1-Methylnaphthalene

Concen: 0.091 ng/ul

RT: 12.550 min Scan# 2083

Delta R.T. -0.005 min

Lab File: BM041059.D

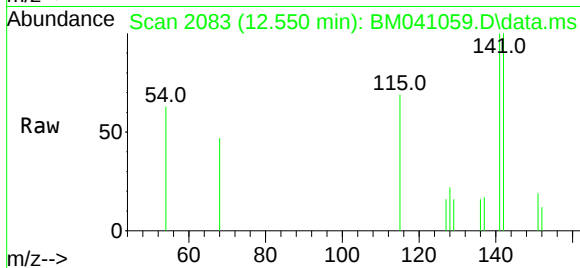
Acq: 22 Jul 2023 18:11

Instrument :

BNA_M

ClientSampleId :

A46W3



Tgt Ion:142 Resp: 186

Ion Ratio Lower Upper

142 100

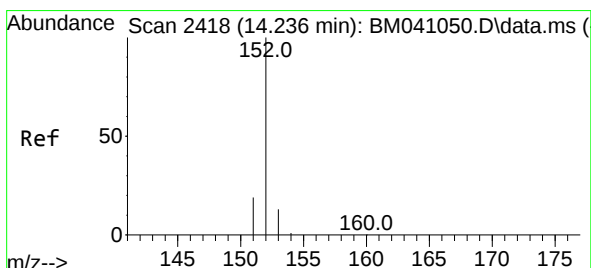
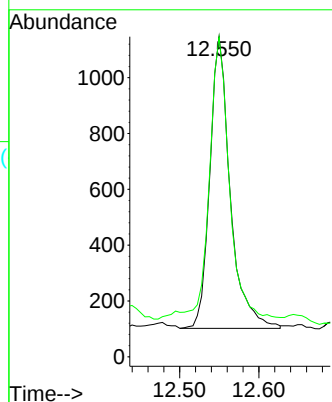
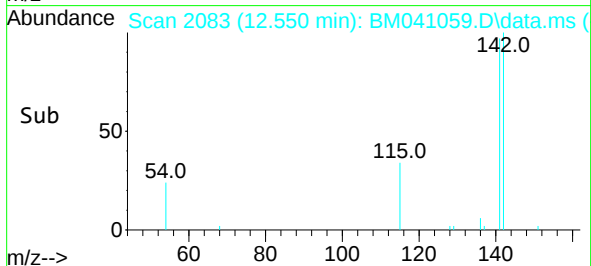
141 95.4 73.4 110.2

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#10

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.231 min Scan# 2417

Delta R.T. -0.005 min

Lab File: BM041059.D

Acq: 22 Jul 2023 18:11

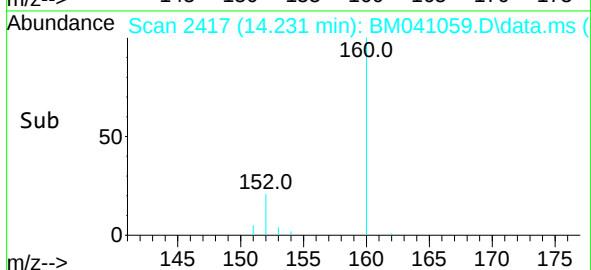
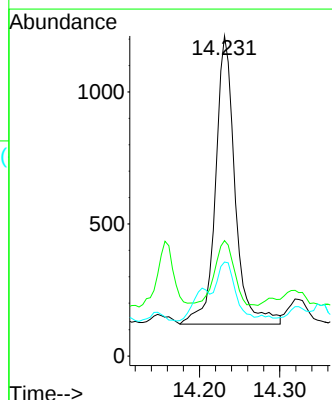
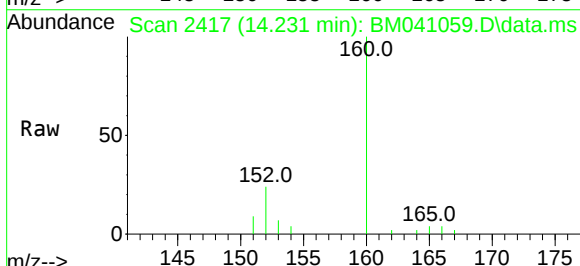
Tgt Ion:152 Resp: 1843

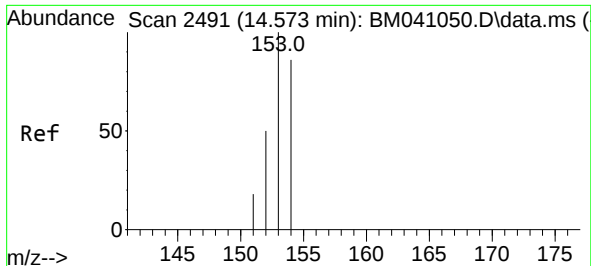
Ion Ratio Lower Upper

152 100

151 36.1 16.8 25.2#

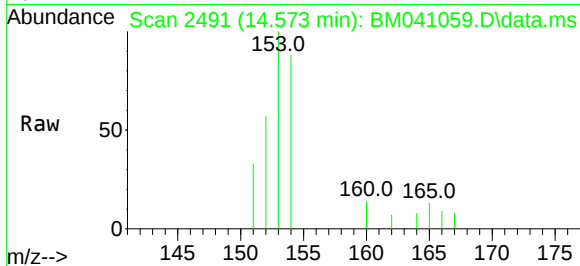
153 29.4 11.6 17.4#





#11
Acenaphthene
Concen: 0.080 ng/u1
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

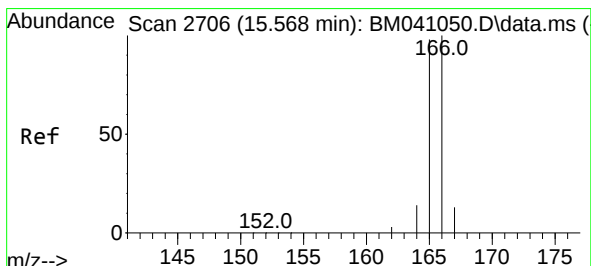
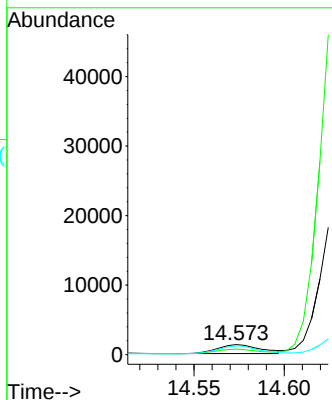
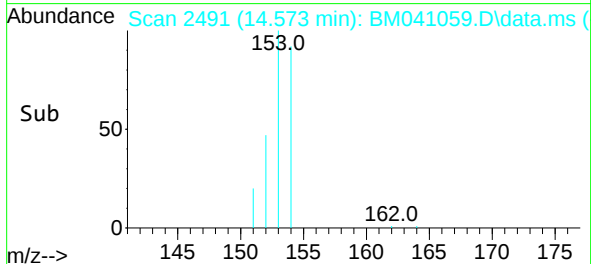
Instrument :
BNA_M
ClientSampleId :
A46W3



Tgt Ion:153 Resp: 2130
Ion Ratio Lower Upper
153 100
152 56.6 41.0 61.6
154 88.3 68.2 102.2

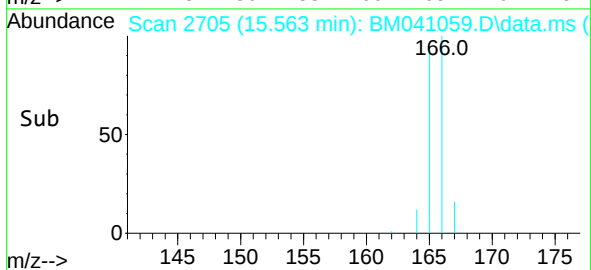
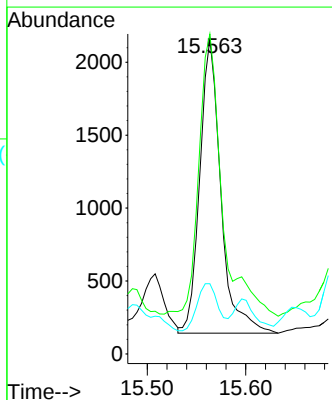
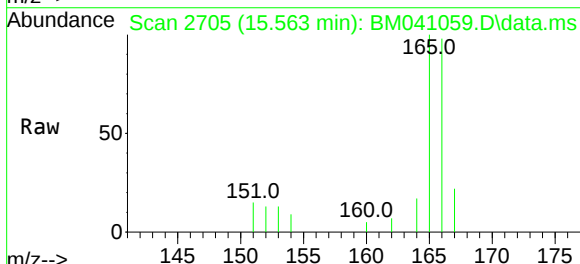
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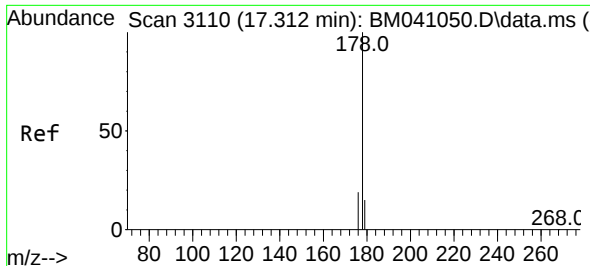
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.108 ng/u1
RT: 15.563 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

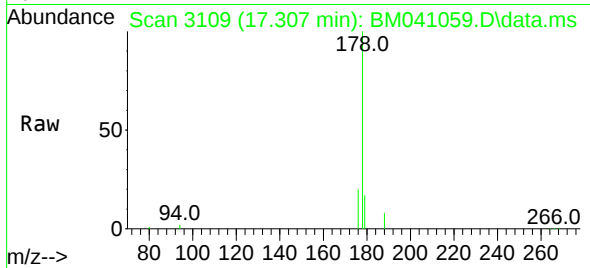
Tgt Ion:166 Resp: 2996
Ion Ratio Lower Upper
166 100
165 101.6 80.3 120.5
167 22.3 11.7 17.5#





#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.307 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

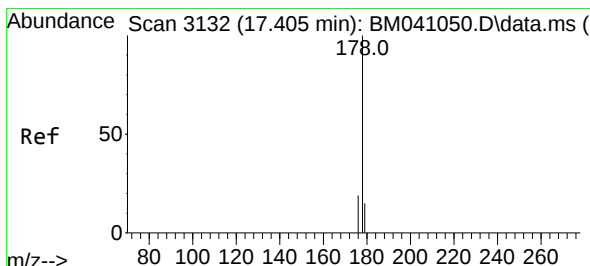
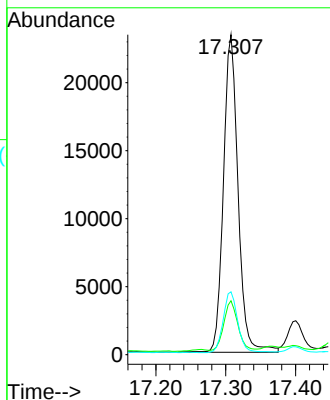
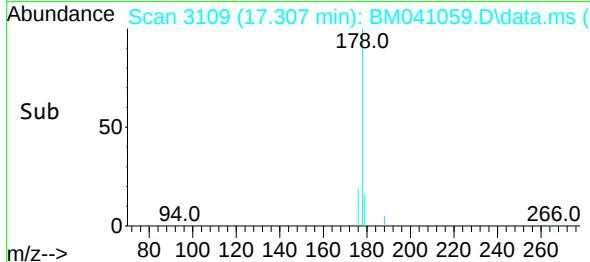
Instrument :
BNA_M
ClientSampleId :
A46W3



Tgt Ion:178 Resp: 33920
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 19.6 16.2 24.4

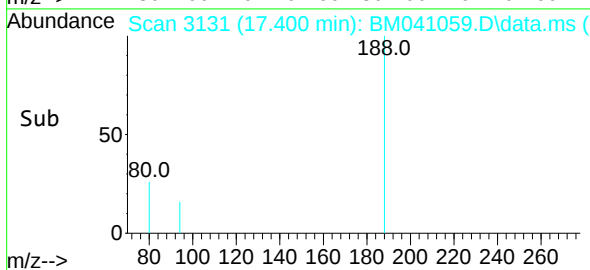
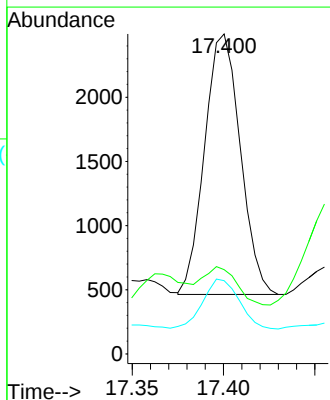
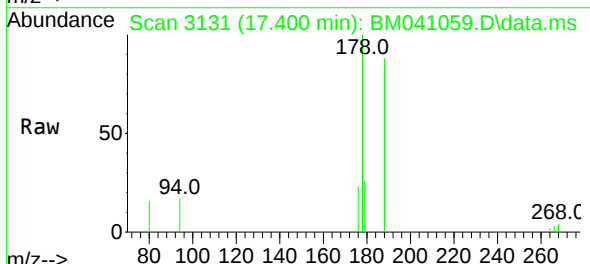
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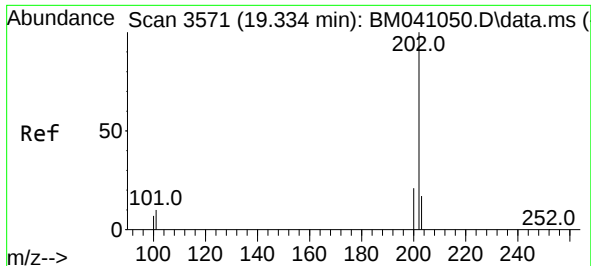
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

Tgt Ion:178 Resp: 2764
Ion Ratio Lower Upper
178 100
179 26.4 13.7 20.5#
176 22.9 16.4 24.6





#19

Fluoranthene

Concen: 0.988 ng/u1

RT: 19.329 min Scan# 3571

Delta R.T. -0.005 min

Lab File: BM041059.D

Acq: 22 Jul 2023 18:11

Instrument :

BNA_M

ClientSampleId :

A46W3

Tgt Ion:202 Resp: 7080

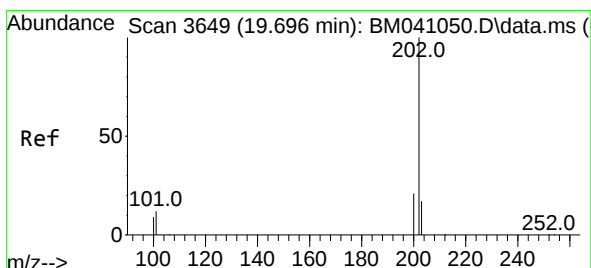
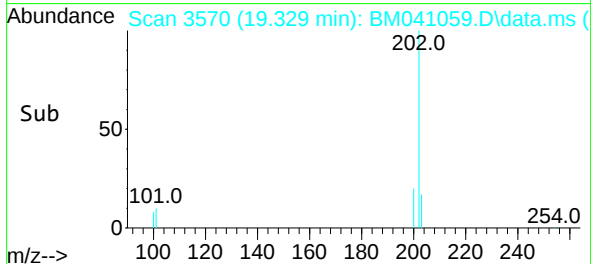
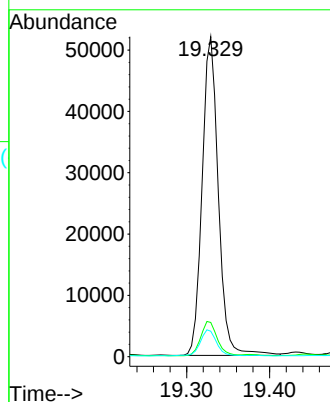
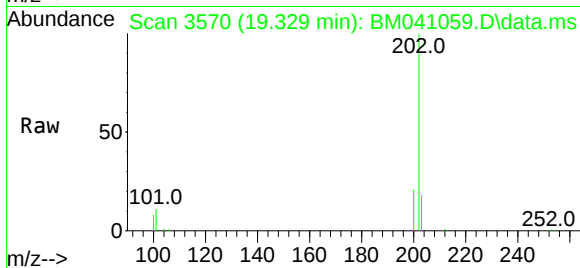
Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.0	16.4
100	7.9	8.3	12.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#20

Pyrene

Concen: 0.679 ng/u1

RT: 19.692 min Scan# 3648

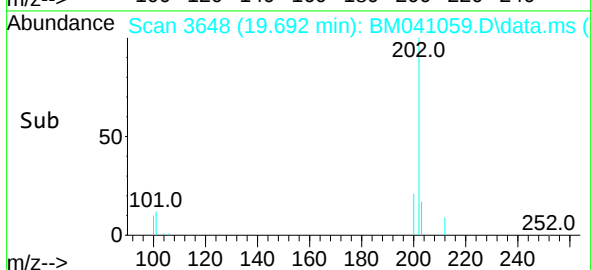
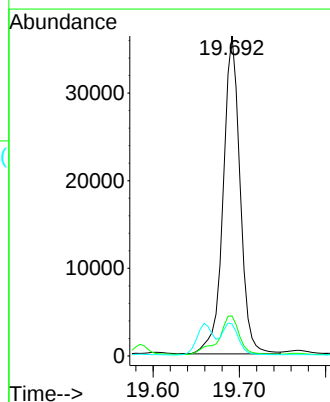
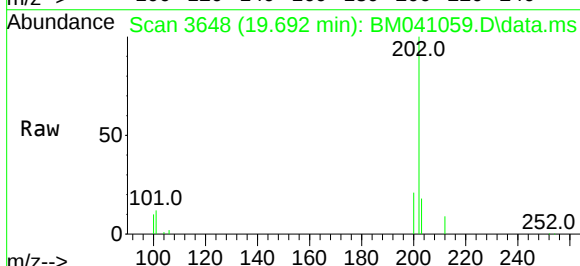
Delta R.T. -0.005 min

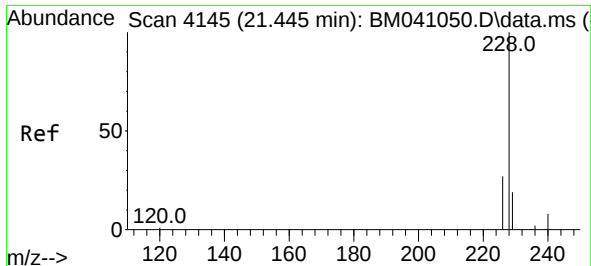
Lab File: BM041059.D

Acq: 22 Jul 2023 18:11

Tgt Ion:202 Resp: 49679

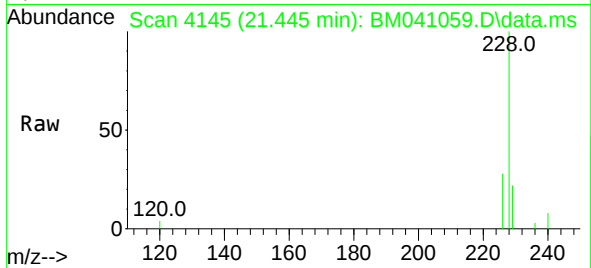
Ion	Ratio	Lower	Upper
202	100		
101	12.5	12.5	18.7
100	10.0	10.0	15.0





#21
Benzo(a)anthracene
Concen: 0.619 ng/ul
RT: 21.445 min Scan# 4145
Delta R.T. -0.003 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

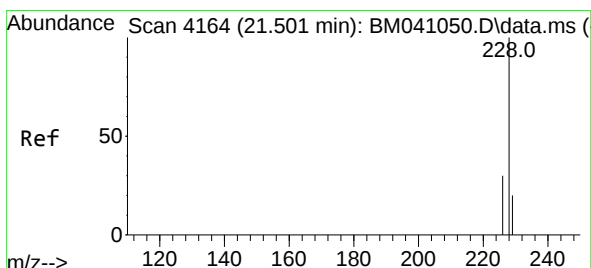
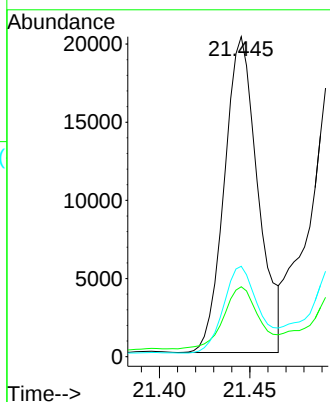
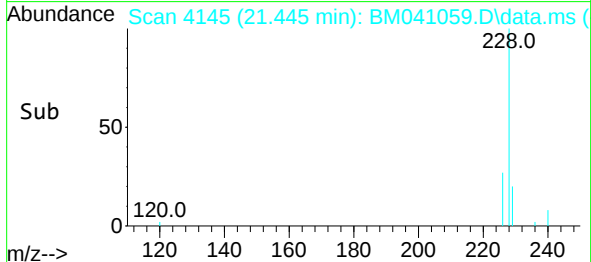
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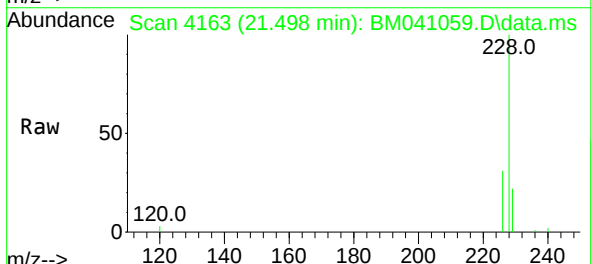
Tgt Ion:228 Resp: 26158
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.4
226 28.2 22.3 33.5

Manual Integrations
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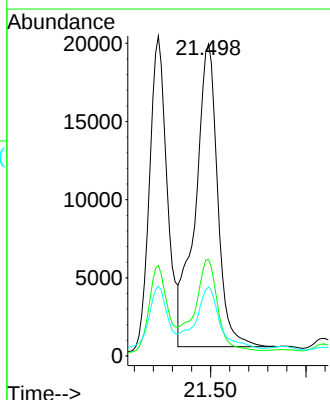
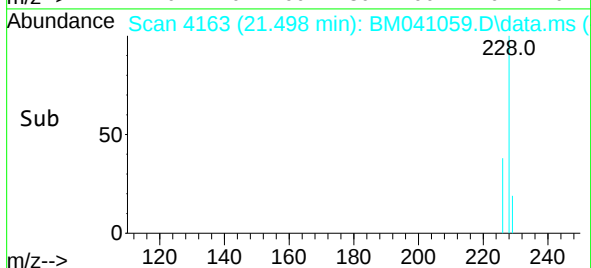
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

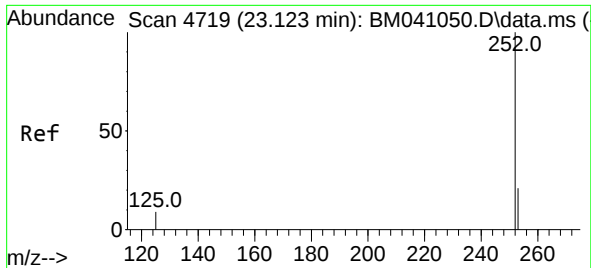


#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11



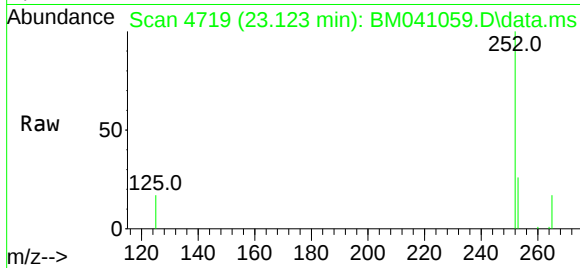
Tgt Ion:228 Resp: 31448
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.1 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.796 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

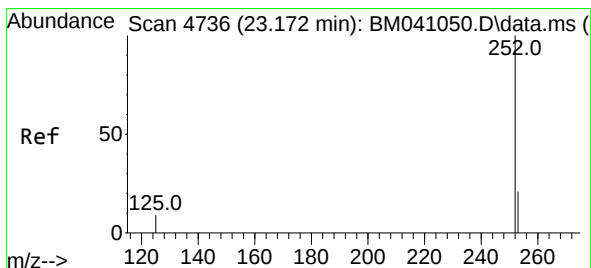
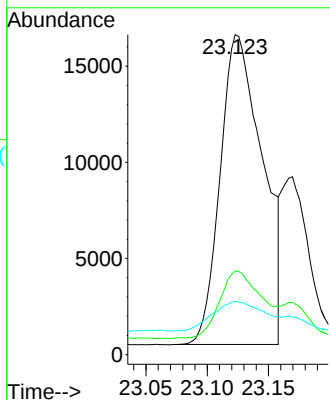
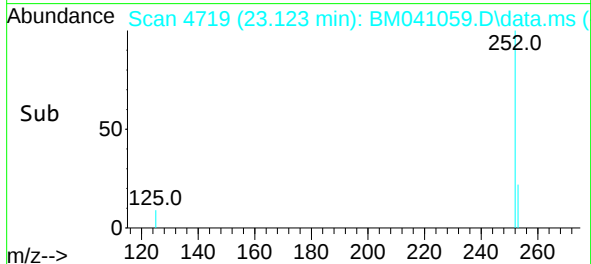
Instrument :
BNA_M
ClientSampleId :
A46W3



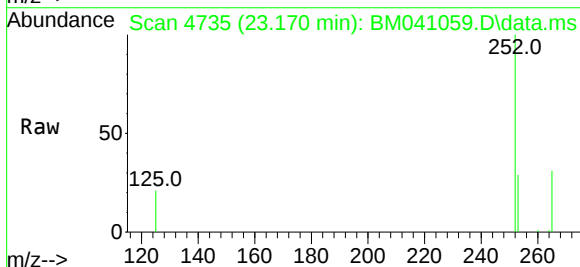
Tgt Ion:252 Resp: 3865
Ion Ratio Lower Upper
252 100
253 26.2 0.0 57.4
125 16.7 0.0 45.2

Manual Integrations
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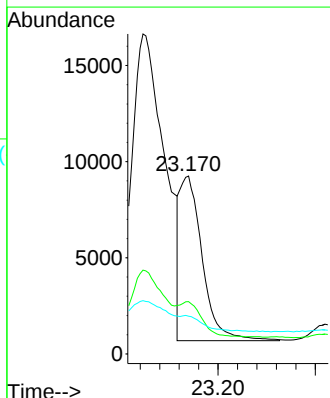
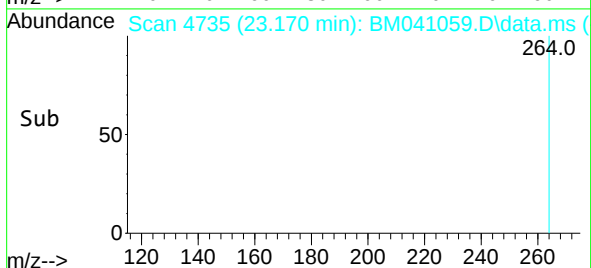
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

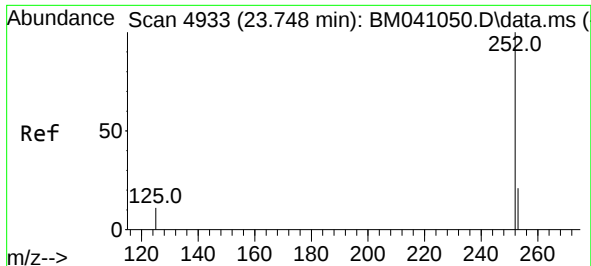


#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.003 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11



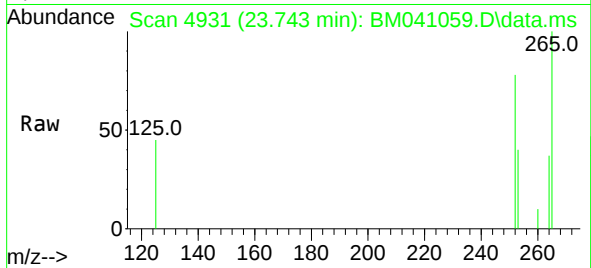
Tgt Ion:252 Resp: 13705
Ion Ratio Lower Upper
252 100
253 29.4 23.3 34.9
125 21.2 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.095 ng/ul
RT: 23.743 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

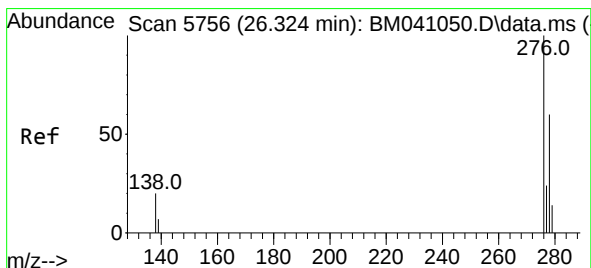
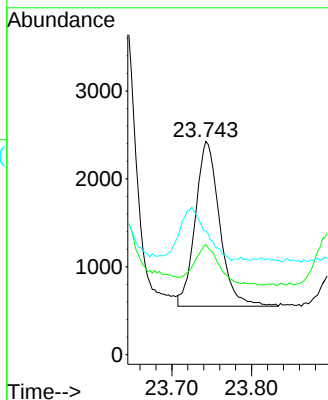
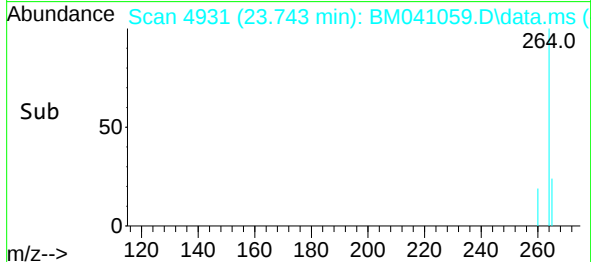
Instrument :
BNA_M
ClientSampleId :
A46W3



Tgt Ion:252 Resp: 3970
Ion Ratio Lower Upper
252 100
253 51.6 28.2 42.2#
125 58.0 25.2 37.8#

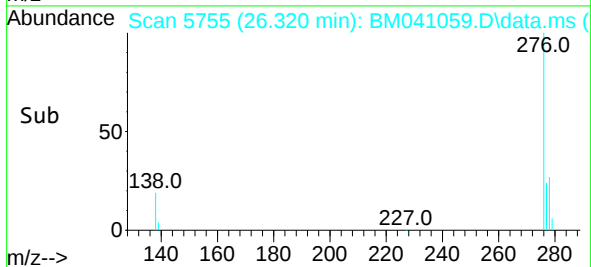
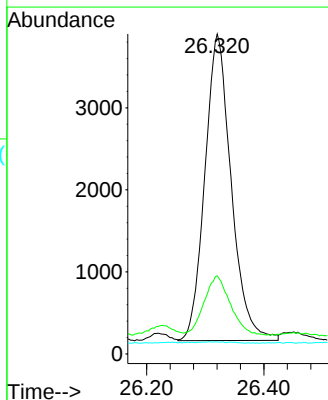
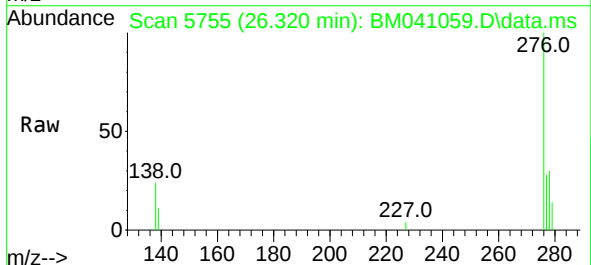
Manual Integrations
APPROVED

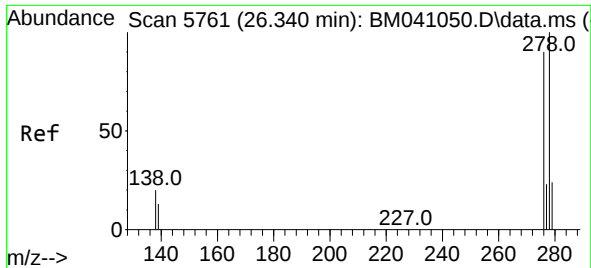
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.320 min Scan# 5755
Delta R.T. -0.007 min
Lab File: BM041059.D
Acq: 22 Jul 2023 18:11

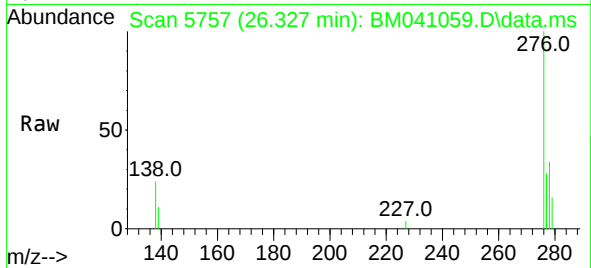
Tgt Ion:276 Resp: 11655
Ion Ratio Lower Upper
276 100
138 19.6 22.3 33.5#
227 0.4 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.096 ng/ul
 RT: 26.327 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM041059.D
 Acq: 22 Jul 2023 18:11

Instrument :
 BNA_M
 ClientSampleId :
 A46W3



Tgt Ion:278 Resp: 4058
 Ion Ratio Lower Upper
 278 100
 139 34.2 19.2 28.8
 279 47.9 27.0 40.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

