

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041048.D
 Acq On : 22 Jul 2023 10:52
 Operator : MA/JU
 Sample : 03540-07MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4738MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 22:35:53 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	7.853	152	4051	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14066	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	8372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	18119	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	10265	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	10828	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1586	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4329	0.231	ng/ul	-0.01
18) Fluoranthene-d10	19.296	212	7535	0.175	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.309	88	5082	0.725	ng/ul#	21
5) Naphthalene	10.713	128	18439	0.479	ng/ul	100
7) 2-Methylnaphthalene	12.330	142	8570	0.406	ng/ul	95
8) 1-Methylnaphthalene	12.550	142	7905	0.352	ng/ul	99
10) Acenaphthylene	14.231	152	11943	0.341	ng/ul#	93
11) Acenaphthene	14.573	153	22685	0.734	ng/ul	96
12) Fluorene	15.563	166	26811	0.838	ng/ul	98
14) Pentachlorophenol	16.923	266	287	0.079	ng/ul	89
15) Phenanthrene	17.307	178	324369	5.989	ng/ul	98
16) Anthracene	17.400	178	41223	0.977	ng/ul	98
19) Fluoranthene	19.329	202	439094	8.285	ng/ul#	92
20) Pyrene	19.691	202	115146	2.127	ng/ul	93
21) Benzo(a)anthracene	21.442	228	125420	4.011	ng/ul	99
22) Chrysene	21.495	228	119728	3.349	ng/ul	98
24) Benzo(b)fluoranthene	23.120	252	126810	3.051	ng/ul	87
25) Benzo(k)fluoranthene	23.167	252	55837m	1.414	ng/ul	
26) Benzo(a)pyrene	23.743	252	10861	0.303	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.314	276	22101	0.464	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.327	278	21061	0.584	ng/ul	98
29) Benzo(g,h,i)perylene	27.075	276	1303	0.030	ng/ul#	11

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

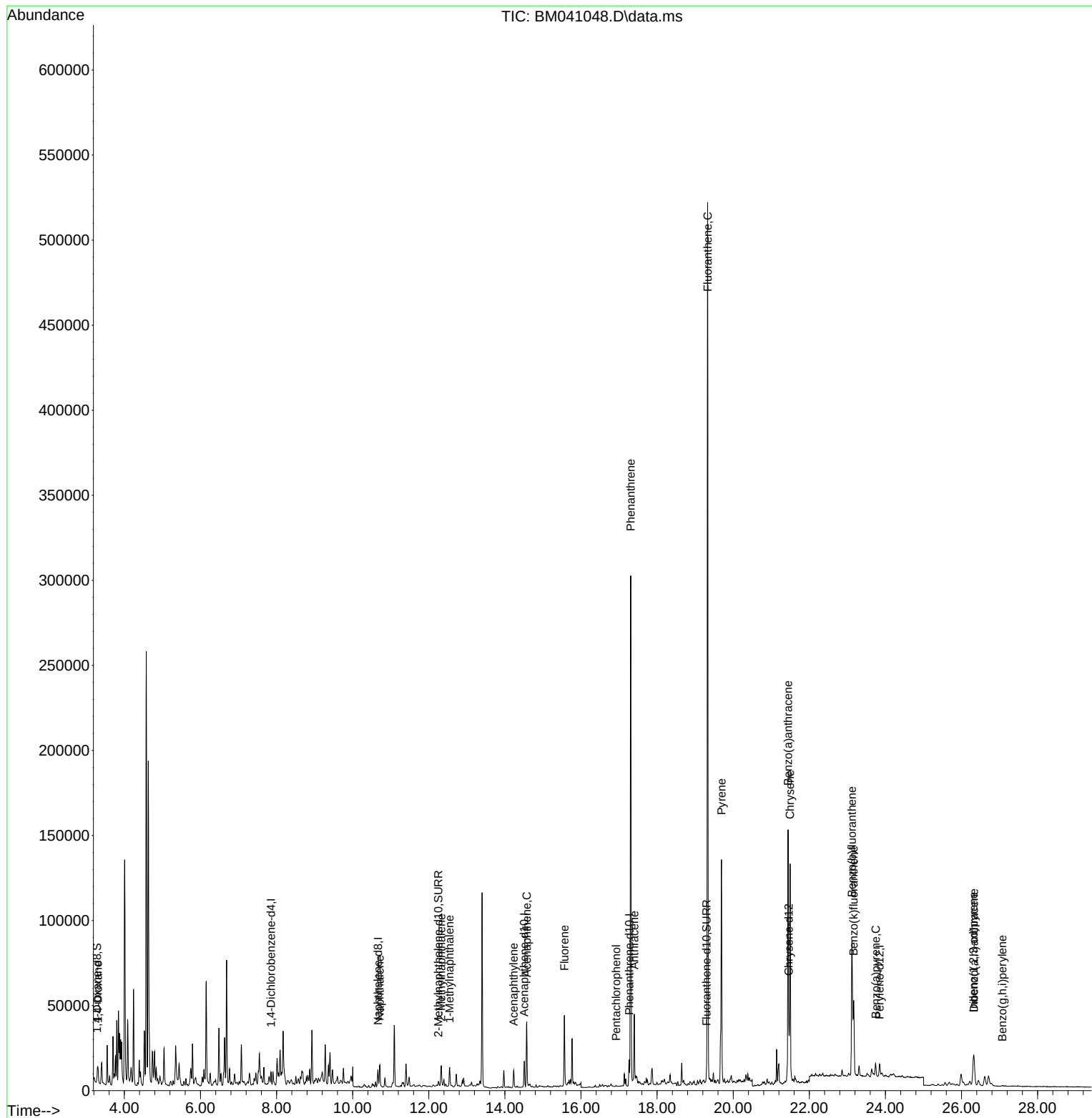
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041048.D
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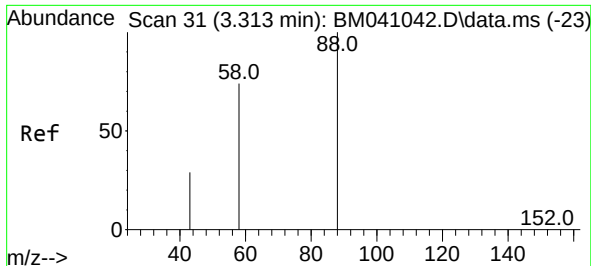
Instrument :
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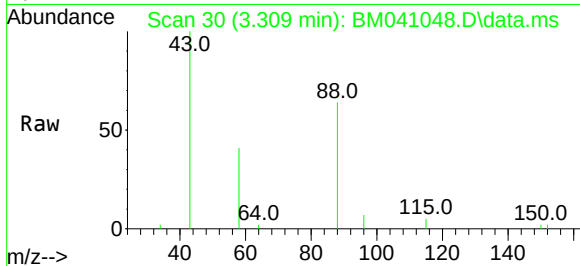
Quant Time: Jul 22 22:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.725 ng/ul
RT: 3.309 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

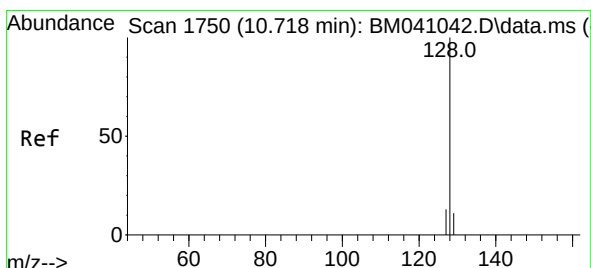
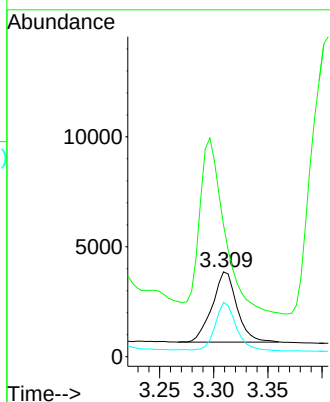
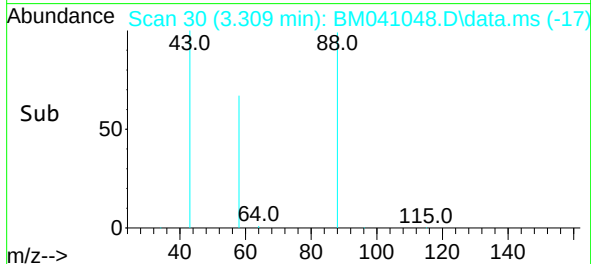
Instrument :
BNA_M
ClientSampleId :
A4738MS



Tgt Ion: 88 Resp: 508
Ion Ratio Lower Upper
88 100
43 155.8 46.7 70.1
58 64.2 40.3 60.5

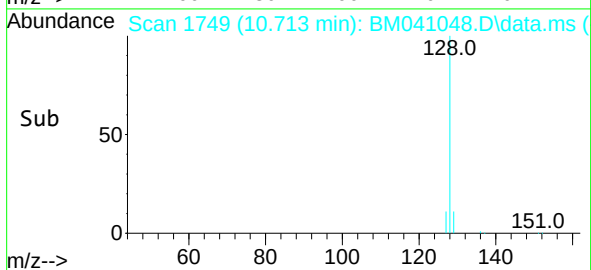
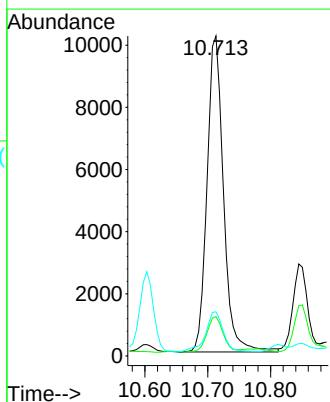
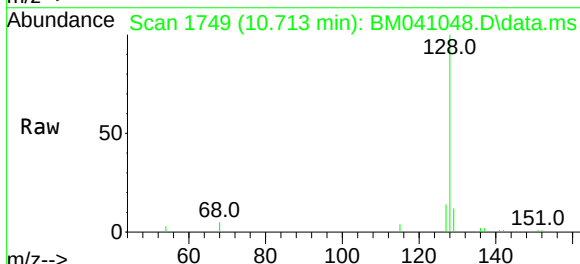
Manual Integrations
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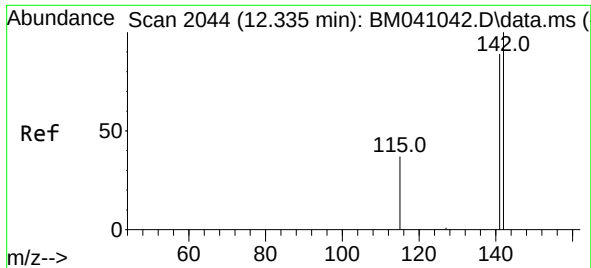
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

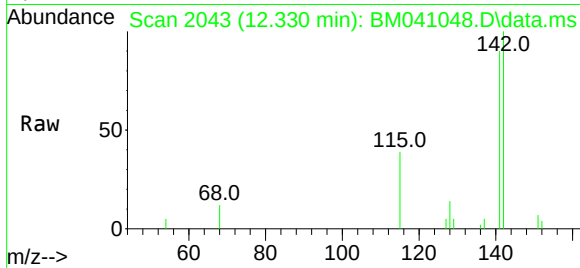
Tgt Ion:128 Resp: 18439
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 13.8 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

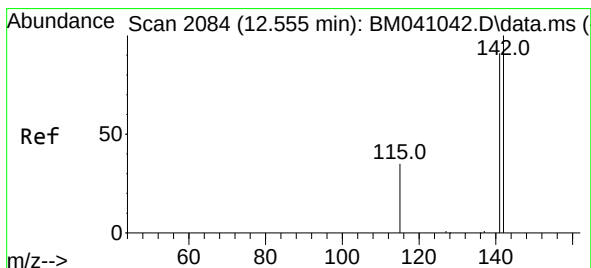
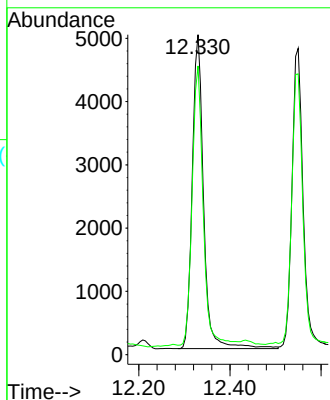
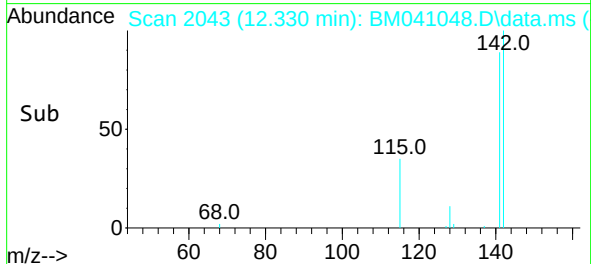
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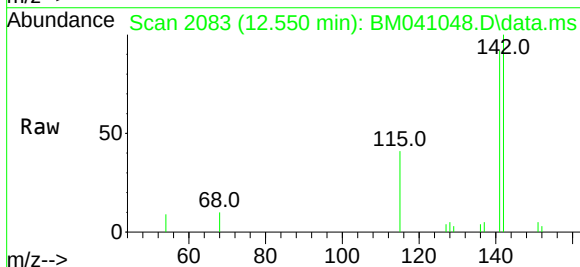
Tgt Ion:142 Resp: 8570
Ion Ratio Lower Upper
142 100
141 86.5 73.2 109.8

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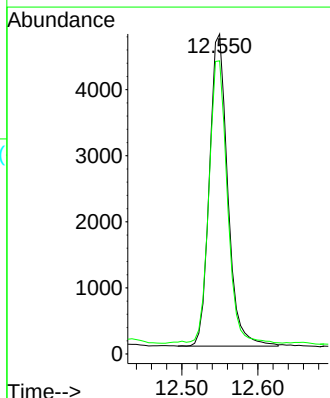
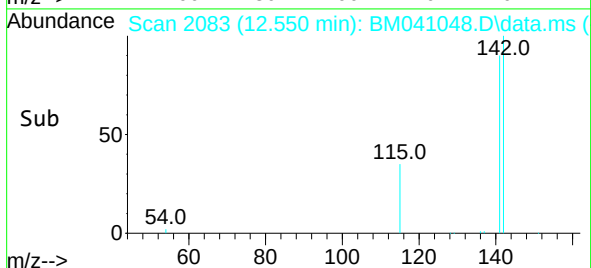
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

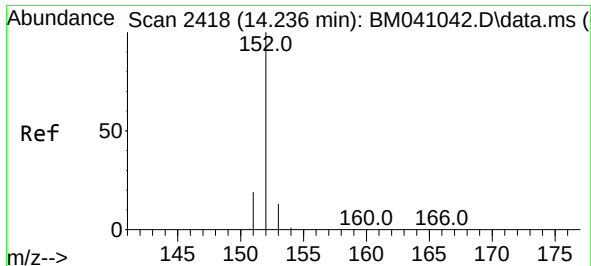


#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52



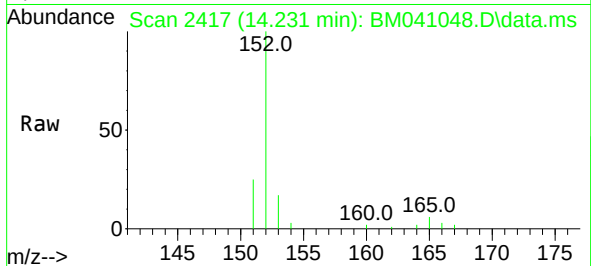
Tgt Ion:142 Resp: 7905
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2





#10
Acenaphthylene
Concen: 0.341 ng/u1
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

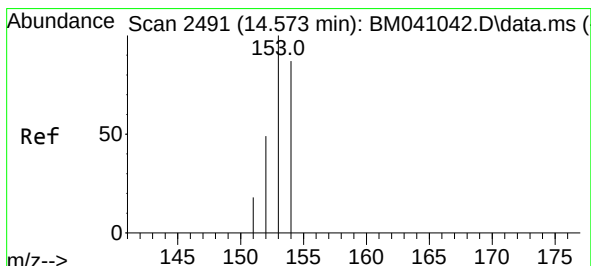
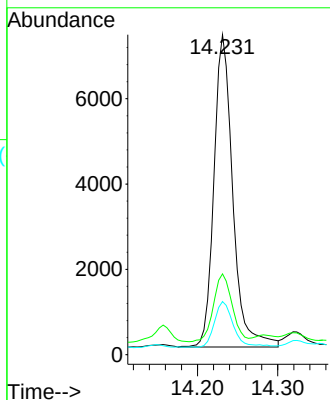
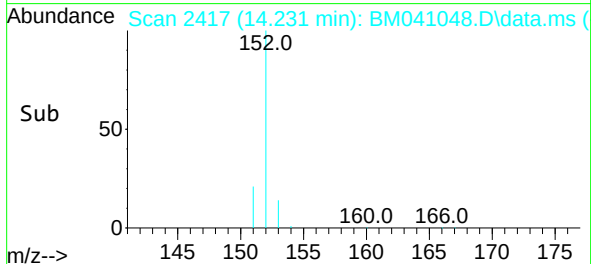
Instrument :
BNA_M
ClientSampleId :
A4738MS



Tgt Ion:152 Resp: 11943
Ion Ratio Lower Upper
152 100
151 25.2 16.8 25.2
153 16.6 11.6 17.4

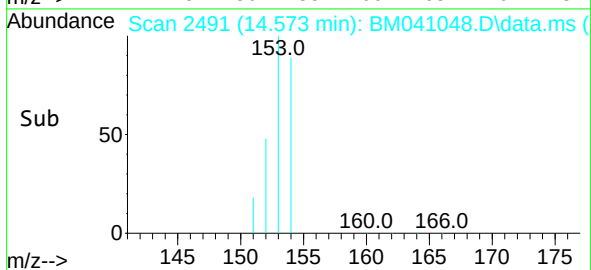
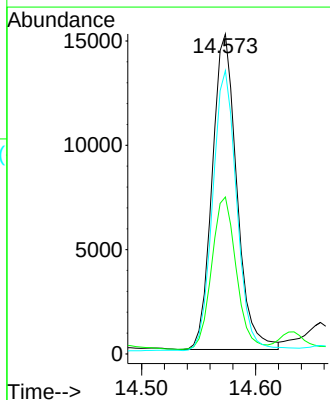
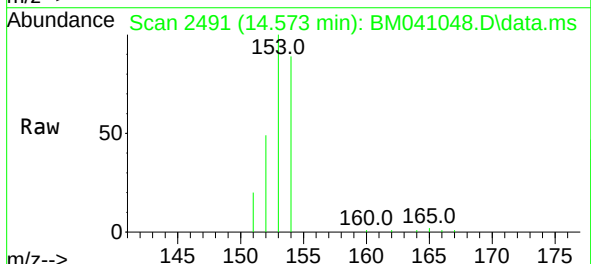
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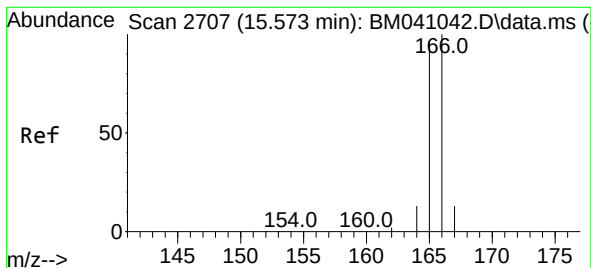
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.734 ng/u1
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:153 Resp: 22685
Ion Ratio Lower Upper
153 100
152 49.0 41.0 61.6
154 88.6 68.2 102.2





#12

Fluorene

Concen: 0.838 ng/ul

RT: 15.563 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM041048.D

Acq: 22 Jul 2023 10:52

Instrument :

BNA_M

ClientSampleId :

A4738MS

Tgt Ion:166 Resp: 2681

Ion Ratio Lower Upper

166 100

165 98.6 80.3 120.5

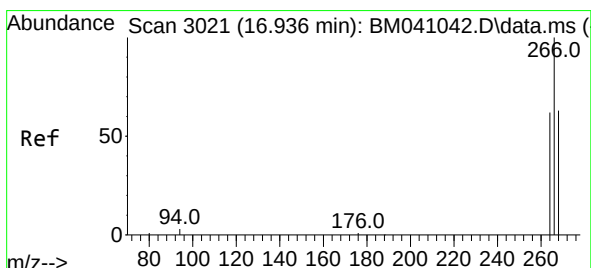
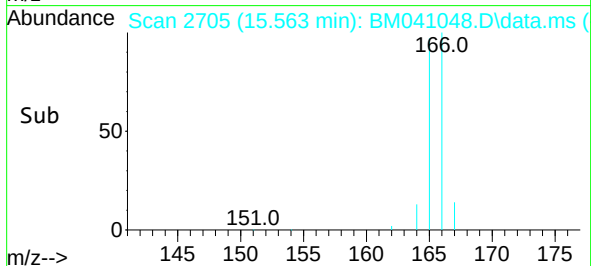
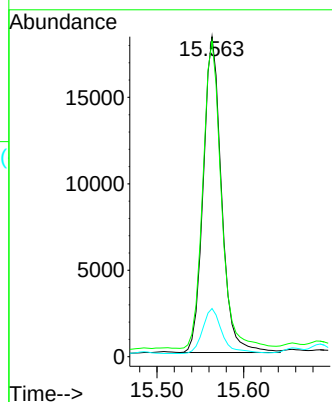
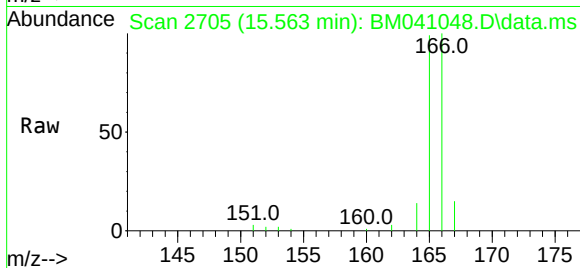
167 15.0 11.7 17.5

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#14

Pentachlorophenol

Concen: 0.079 ng/ul

RT: 16.923 min Scan# 3018

Delta R.T. -0.013 min

Lab File: BM041048.D

Acq: 22 Jul 2023 10:52

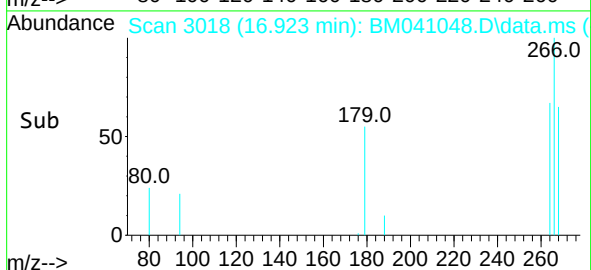
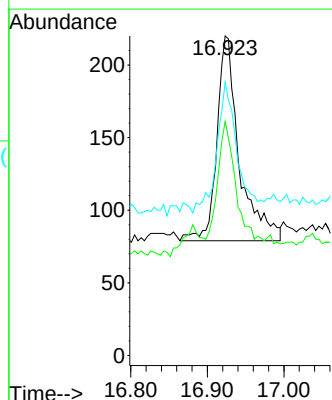
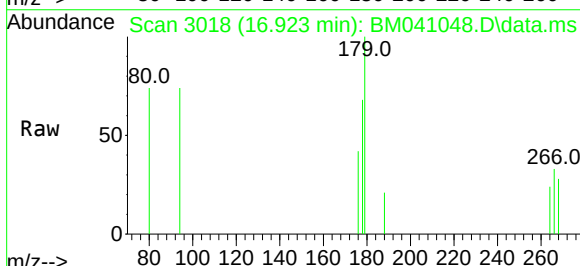
Tgt Ion:266 Resp: 287

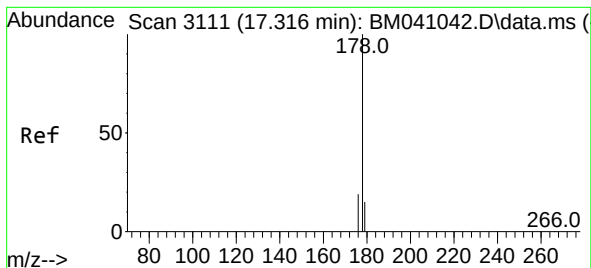
Ion Ratio Lower Upper

266 100

264 54.0 50.7 76.1

268 58.5 52.8 79.2





#15

Phenanthrene

Concen: 5.989 ng/u1

RT: 17.307 min Scan# 3111

Delta R.T. -0.008 min

Lab File: BM041048.D

Acq: 22 Jul 2023 10:52

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BNA_M

ClientSampleId :

A4738MS

Tgt Ion:178 Resp: 32436

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

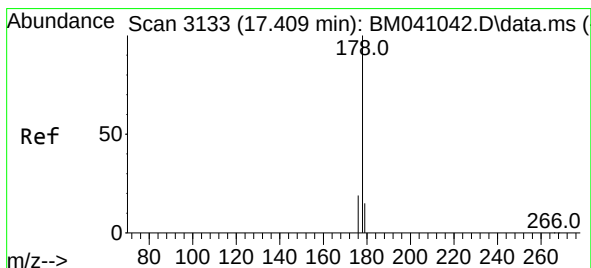
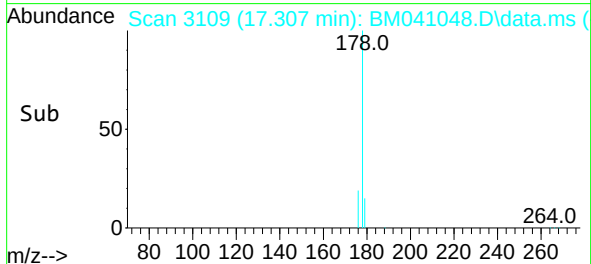
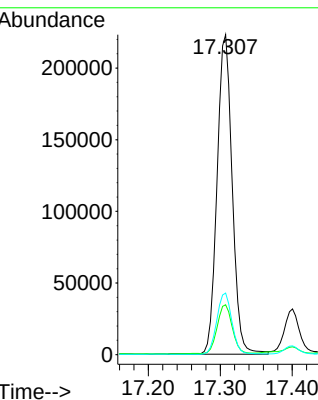
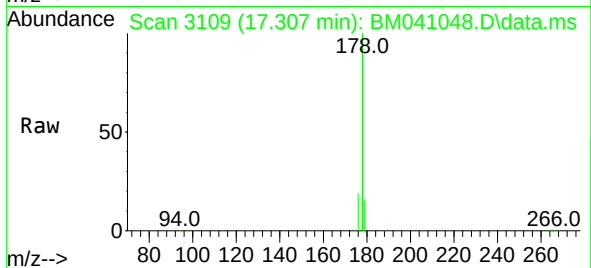
176 19.2 16.2 24.4

Manual Integrations

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#16

Anthracene

Concen: 0.977 ng/u1

RT: 17.400 min Scan# 3131

Delta R.T. -0.008 min

Lab File: BM041048.D

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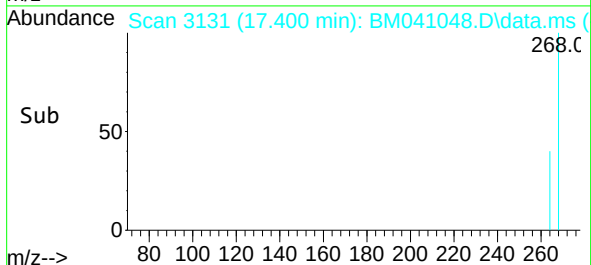
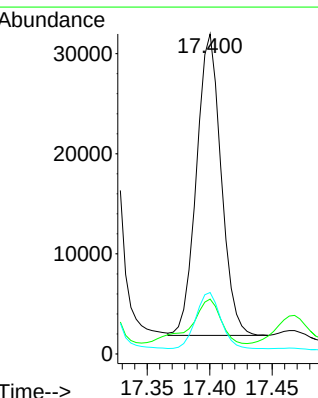
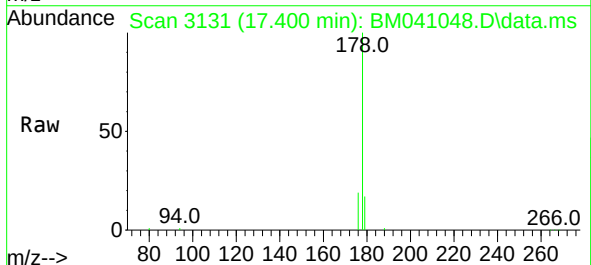
Tgt Ion:178 Resp: 41223

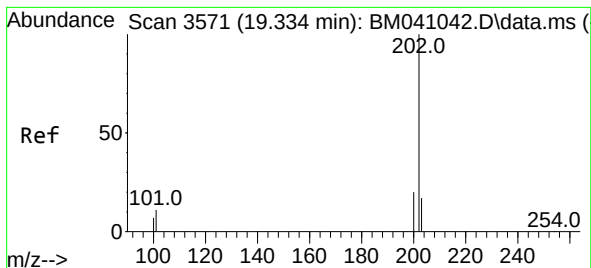
Ion Ratio Lower Upper

178 100

179 17.1 13.7 20.5

176 19.2 16.4 24.6





#19

Fluoranthene

Concen: 8.285 ng/u1

RT: 19.329 min Scan# 3570

Delta R.T. -0.005 min

Lab File: BM041048.D

Acq: 22 Jul 2023 10:52

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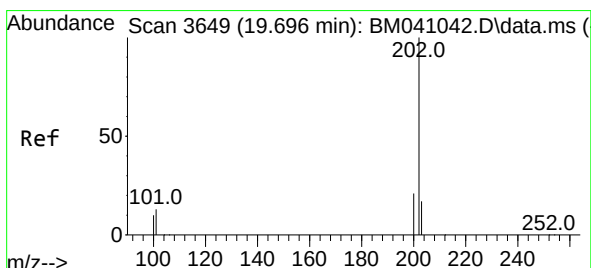
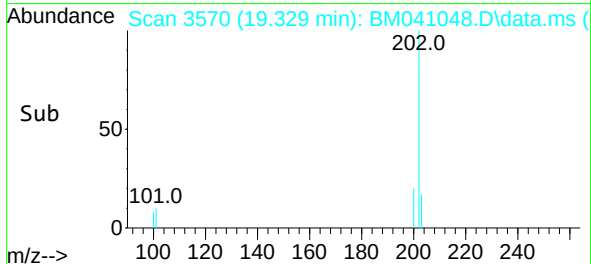
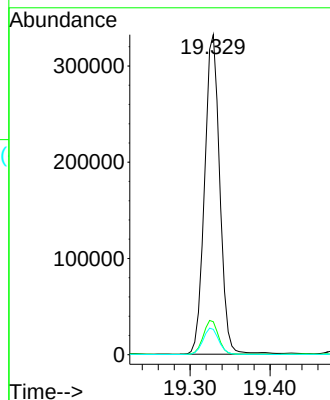
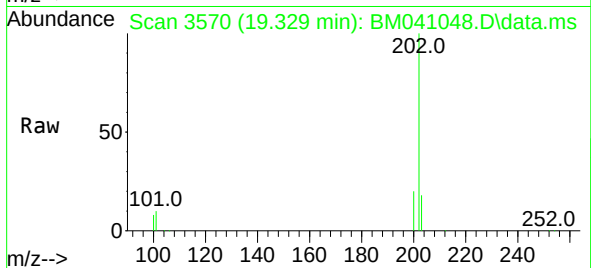
Tgt Ion:202 Resp: 439094
 Ion Ratio Lower Upper
 202 100
 101 10.3 11.0 16.4
 100 7.9 8.3 12.5

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#20

Pyrene

Concen: 2.127 ng/u1

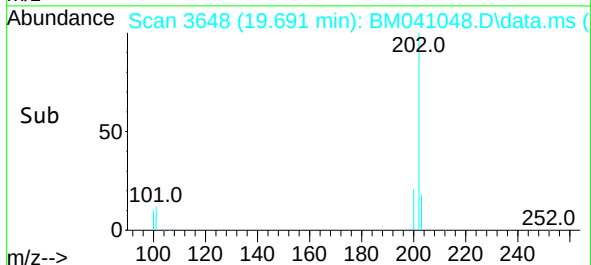
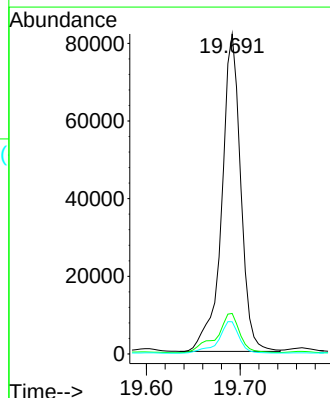
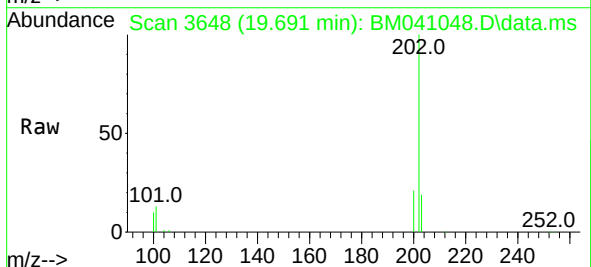
RT: 19.691 min Scan# 3648

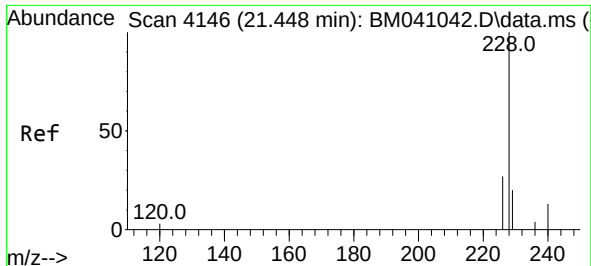
Delta R.T. -0.005 min

Lab File: BM041048.D

Acq: 22 Jul 2023 10:52

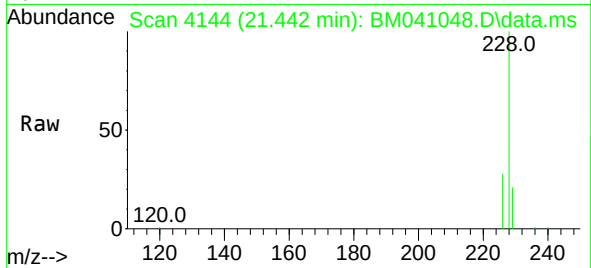
Tgt Ion:202 Resp: 115146
 Ion Ratio Lower Upper
 202 100
 101 12.6 12.5 18.7
 100 10.1 10.0 15.0





#21
Benzo(a)anthracene
Concen: 4.011 ng/uI
RT: 21.442 min Scan# 4146
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

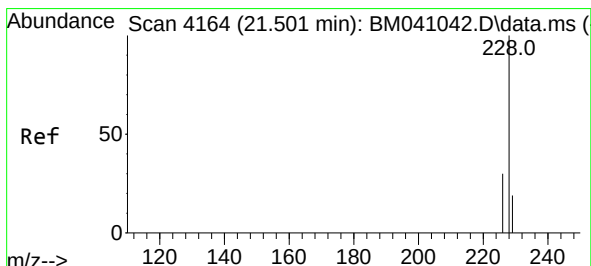
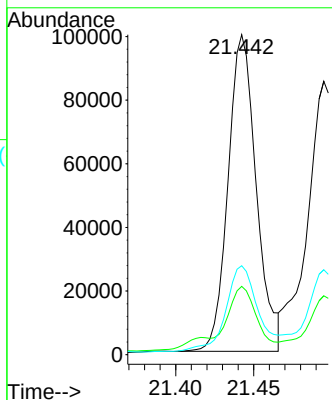
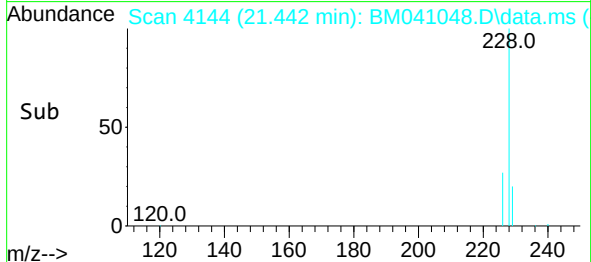
Instrument :
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ClientSampleId :
A4738MS



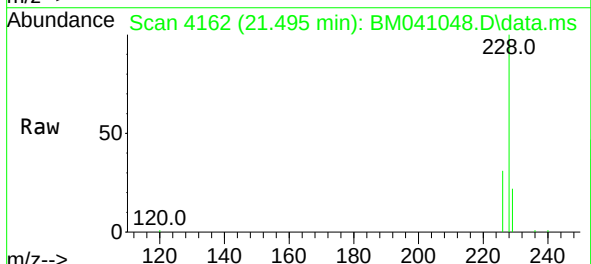
Tgt Ion:228 Resp: 125420
Ion Ratio Lower Upper
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229 21.4 16.2 24.4
226 27.8 22.3 33.5

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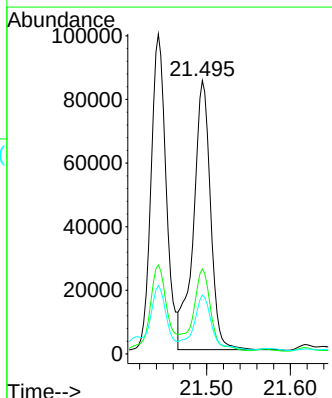
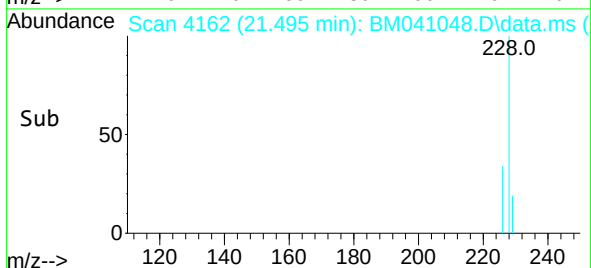
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

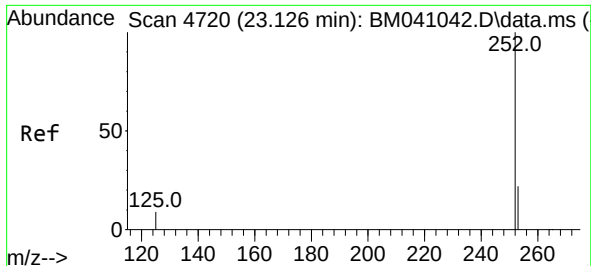


#22
Chrysene
Concen: 3.349 ng/uI
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52



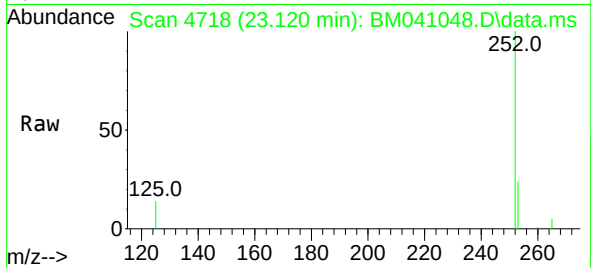
Tgt Ion:228 Resp: 119728
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 21.5 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 3.051 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

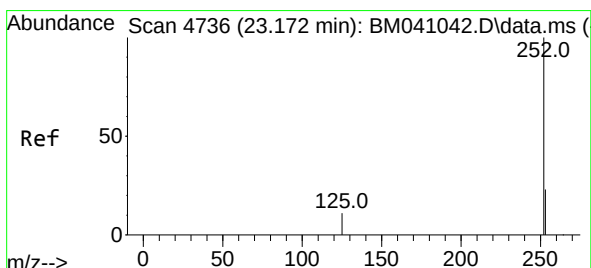
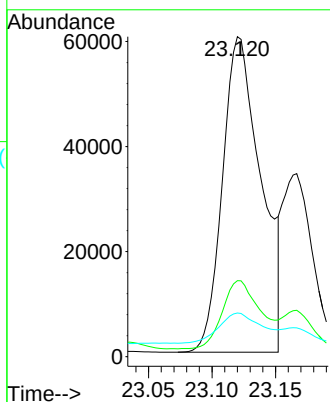
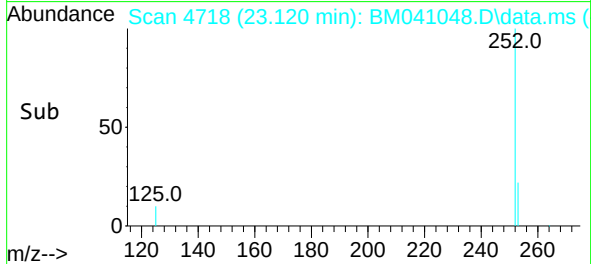
Instrument :
BNA_M
ClientSampleId :
A4738MS



Tgt Ion:252 Resp: 126810
Ion Ratio Lower Upper
252 100
253 23.7 0.0 57.4
125 13.7 0.0 45.2

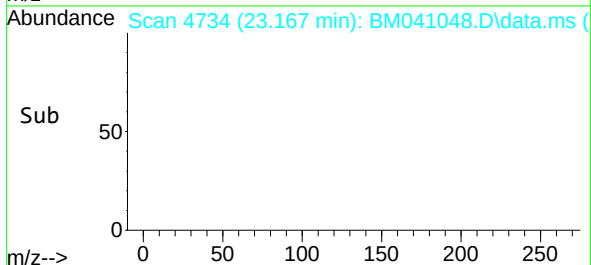
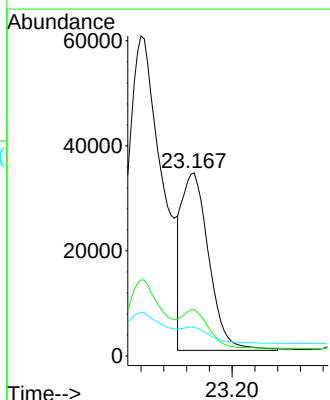
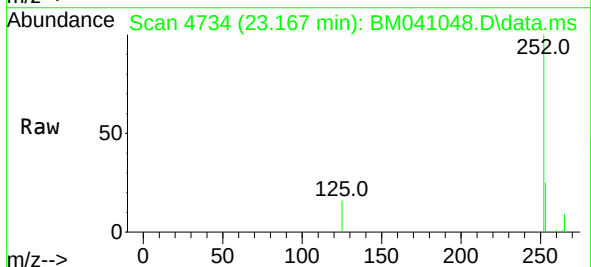
Manual Integrations
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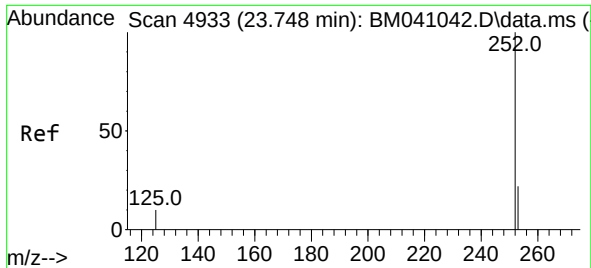
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 1.414 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:252 Resp: 55837
Ion Ratio Lower Upper
252 100
253 25.4 23.3 34.9
125 15.7 18.2 27.2#





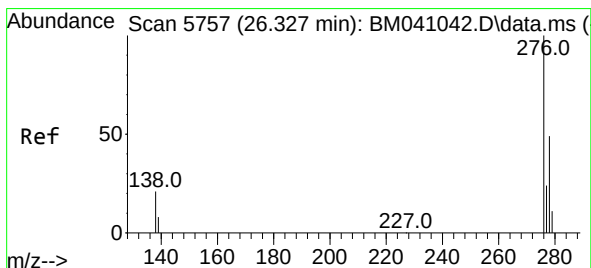
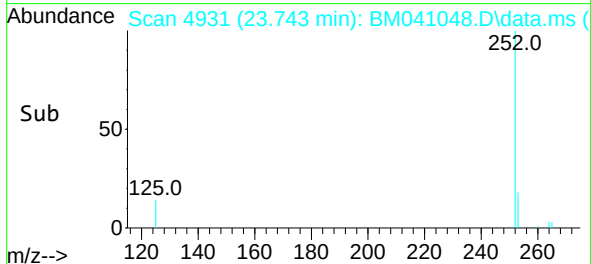
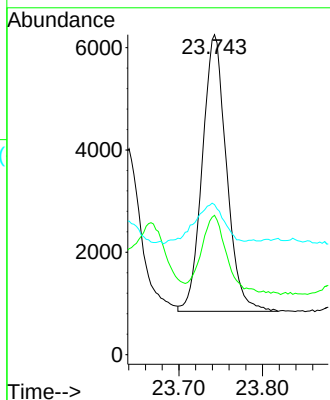
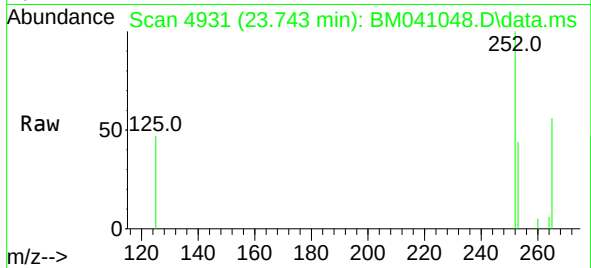
#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.743 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :
A4738MS

Tgt Ion:252 Resp: 1086
Ion Ratio Lower Upper
252 100
253 43.5 28.2 42.2
125 46.9 25.2 37.8

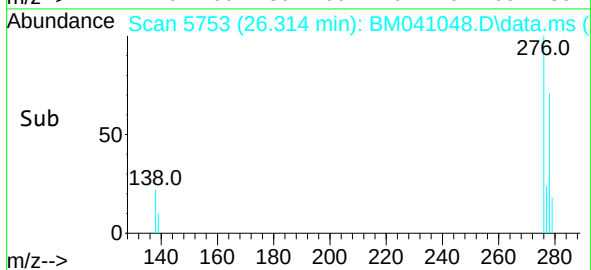
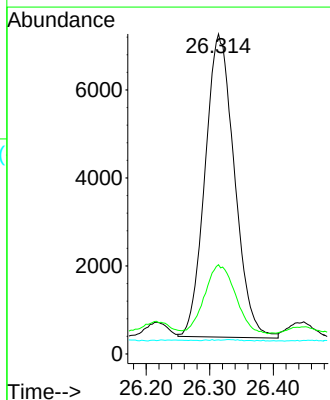
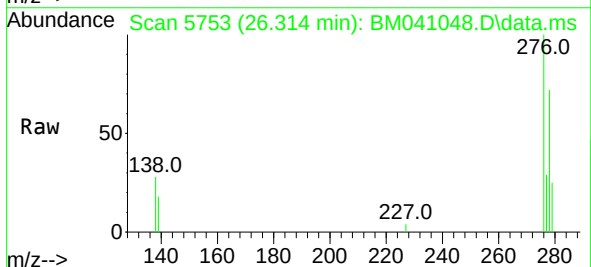
Manual Integrations
APPROVED

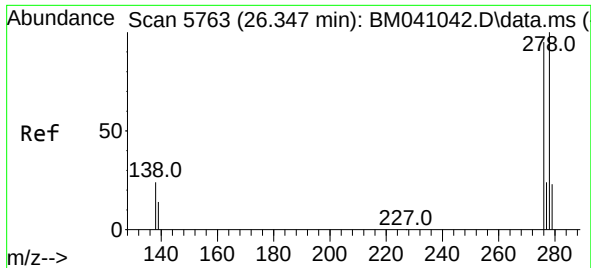
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

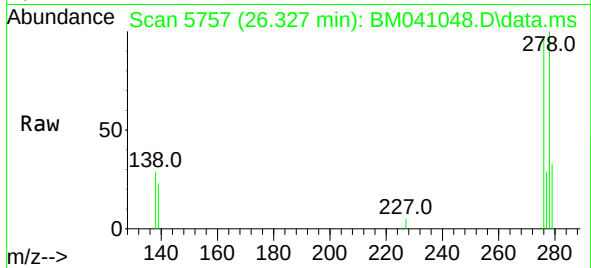
Tgt Ion:276 Resp: 22101
Ion Ratio Lower Upper
276 100
138 23.8 22.3 33.5
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.584 ng/ul
RT: 26.327 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

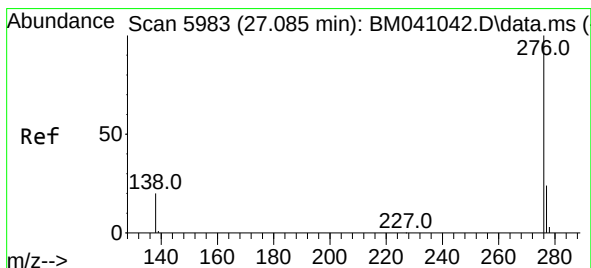
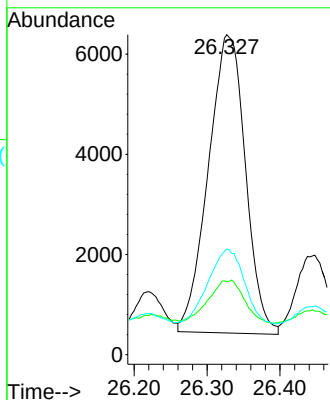
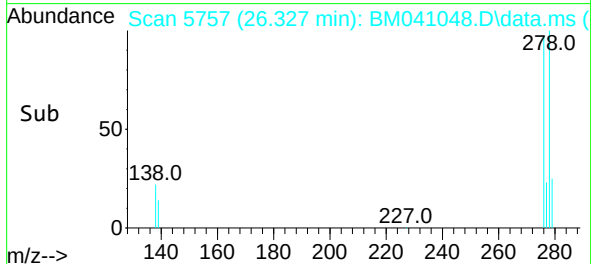
Instrument :
BNA_M
ClientSampleId :
A4738MS



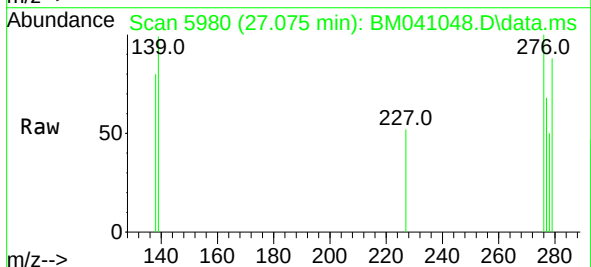
Tgt Ion:278 Resp: 2106
Ion Ratio Lower Upper
278 100
139 22.8 19.2 28.8
279 33.0 27.0 40.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 27.075 min Scan# 5980
Delta R.T. -0.010 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52



Tgt Ion:276 Resp: 1303
Ion Ratio Lower Upper
276 100
138 79.6 22.6 34.0#
277 68.1 21.2 31.8#

