

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041063.D
 Acq On : 22 Jul 2023 20:40
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46W9

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 22:38:15 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	4445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	15675	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	10359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	24244	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	14850	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	19413	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	4746	0.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4235	0.203	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	12405	0.199	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.708	128	459352	10.714	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	200774	8.535	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	132122	5.287	ng/ul	100
10) Acenaphthylene	14.231	152	13281	0.306	ng/ul#	71
11) Acenaphthene	14.574	153	674155	17.627	ng/ul	95
12) Fluorene	15.564	166	860661	21.736	ng/ul	96
15) Phenanthrene	17.312	178	7250785	100.060	ng/ul	98
16) Anthracene	17.401	178	1853312	32.824	ng/ul	97
19) Fluoranthene	19.334	202	6111627	79.712	ng/ul#	94
20) Pyrene	19.696	202	3632667	46.377	ng/ul#	92
21) Benzo(a)anthracene	21.442	228	2180667	48.205	ng/ul	98
22) Chrysene	21.495	228	1792355	34.658	ng/ul	97
24) Benzo(b)fluoranthene	23.123	252	1887610	25.333	ng/ul	82
25) Benzo(k)fluoranthene	23.164	252	695764m	9.828	ng/ul	
26) Benzo(a)pyrene	23.737	252	688944	10.705	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.310	276	565539	6.622	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.317	278	226732	3.510	ng/ul#	87
29) Benzo(g,h,i)perylene	27.068	276	39482	0.500	ng/ul#	90

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

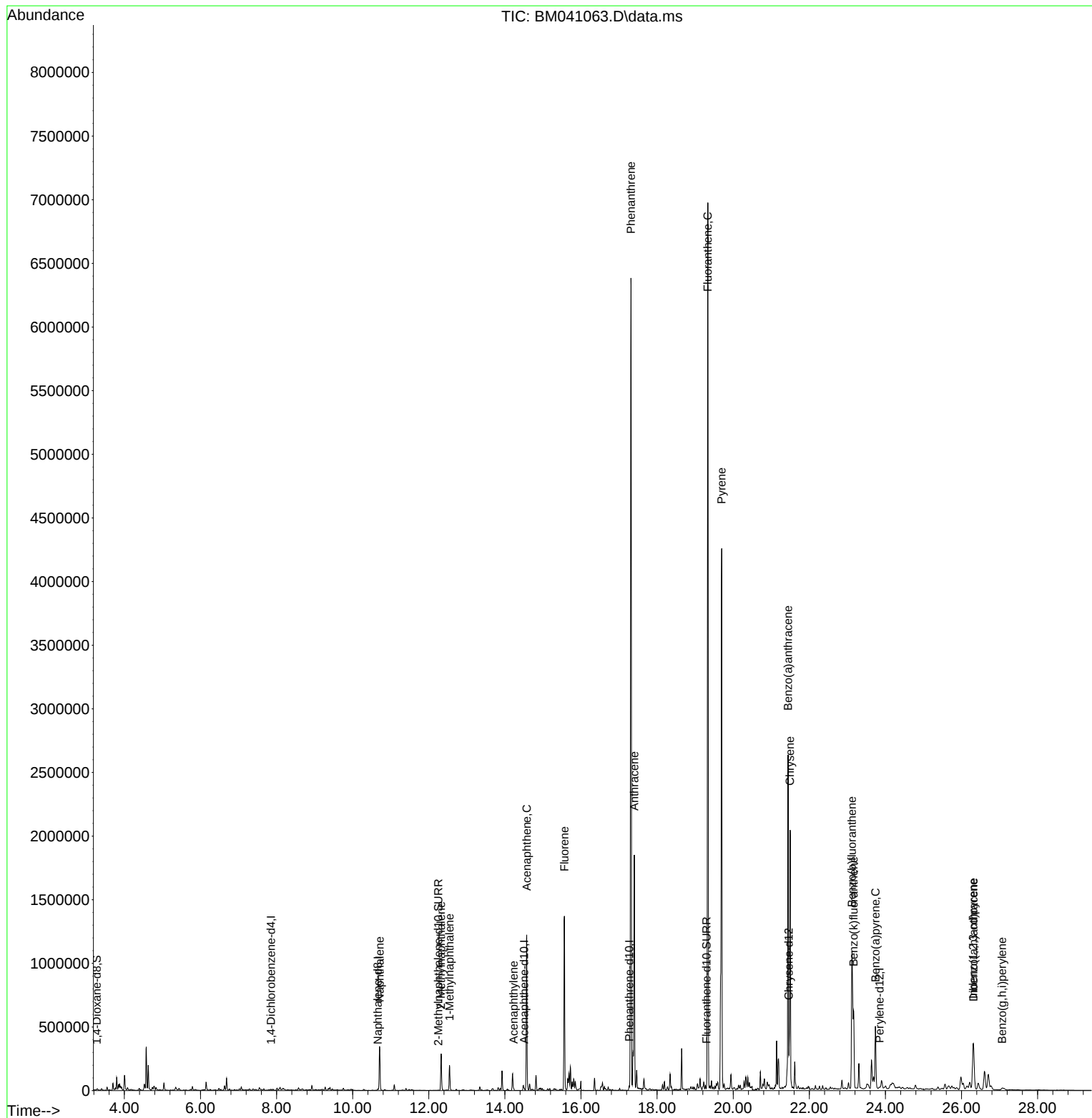
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041063.D
Acq On : 22 Jul 2023 20:40
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Sample : 03504-11
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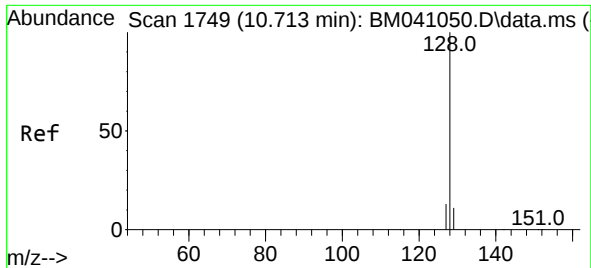
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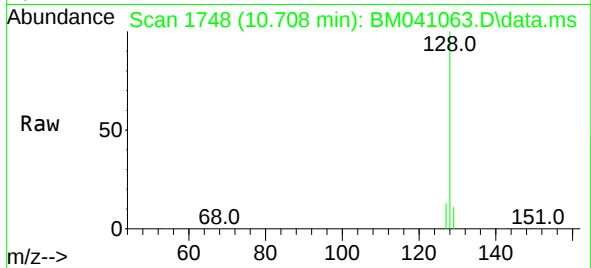
Quant Time: Jul 22 22:38:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
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#5
Naphthalene
Concen: 10.714 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

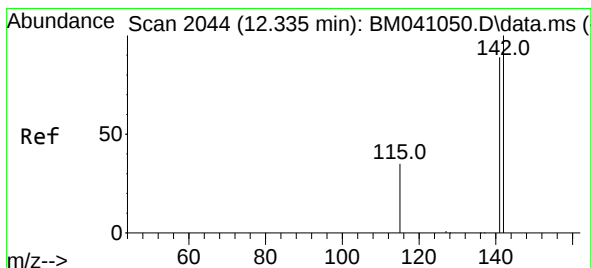
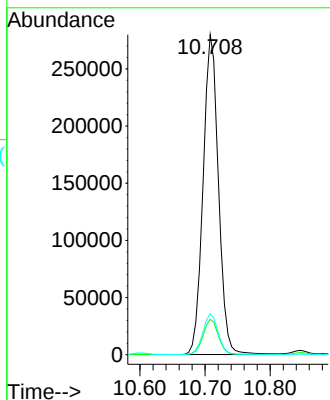
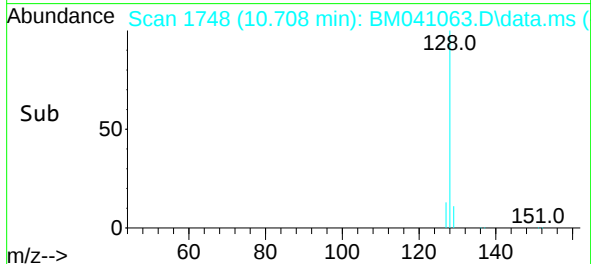
Instrument :
BNA_M
ClientSampleId :
A46W9



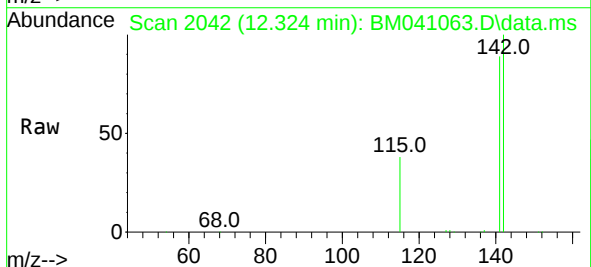
Tgt Ion:128 Resp: 459352
Ion Ratio Lower Upper
128 100
129 11.0 9.8 14.8
127 12.8 11.0 16.4

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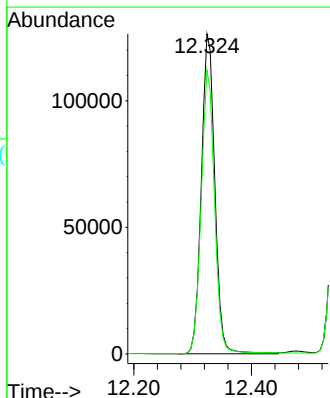
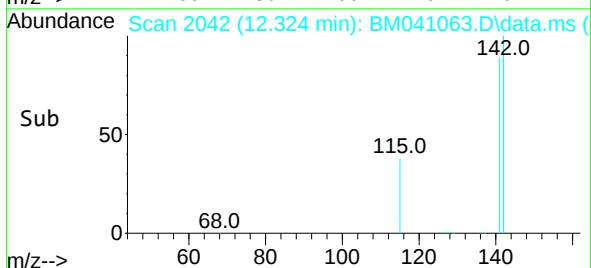
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

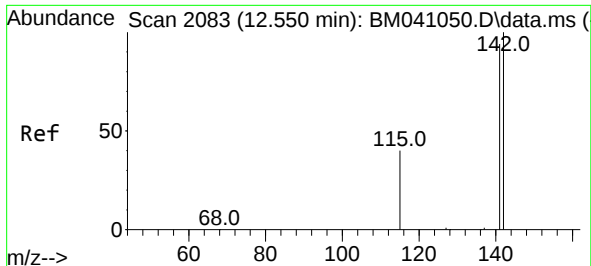


#7
2-Methylnaphthalene
Concen: 8.535 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40



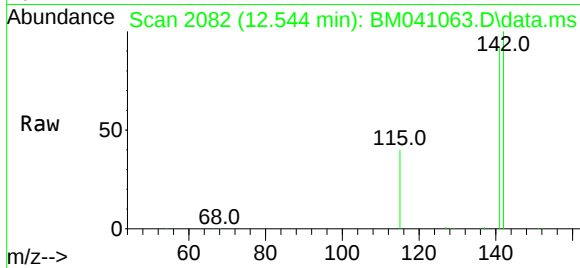
Tgt Ion:142 Resp: 200774
Ion Ratio Lower Upper
142 100
141 88.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 5.287 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

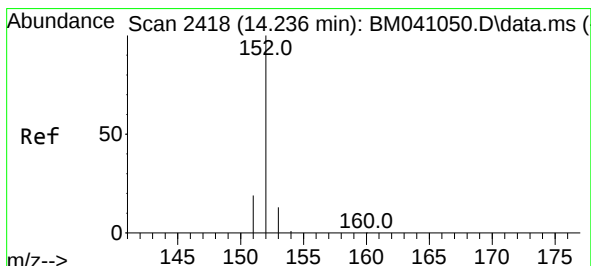
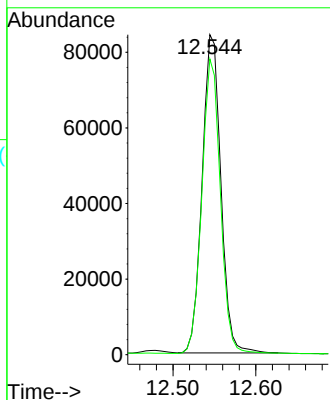
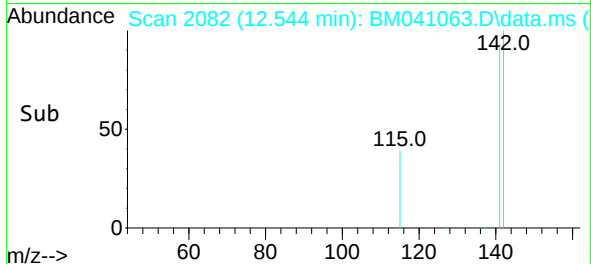
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Tgt Ion:142 Resp: 13212
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

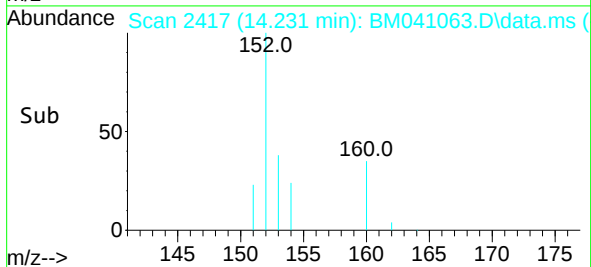
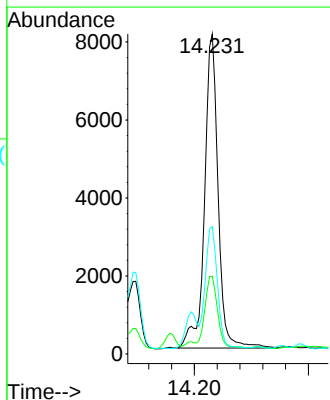
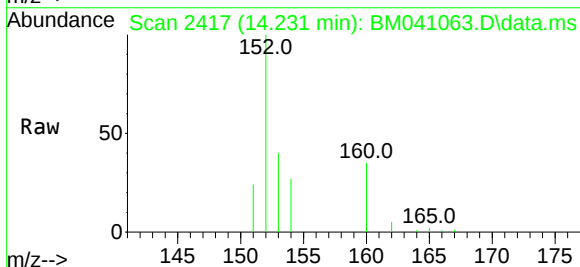
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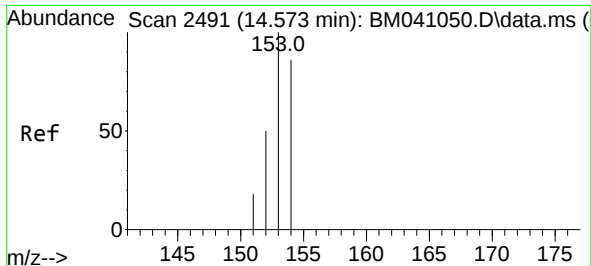
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

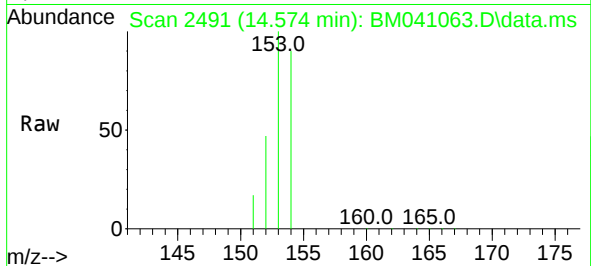
Tgt Ion:152 Resp: 13281
Ion Ratio Lower Upper
152 100
151 24.3 16.8 25.2
153 39.8 11.6 17.4#





#11
Acenaphthene
Concen: 17.627 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

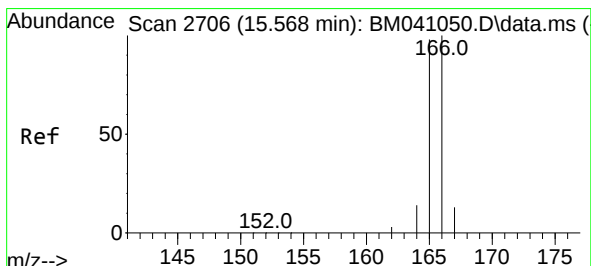
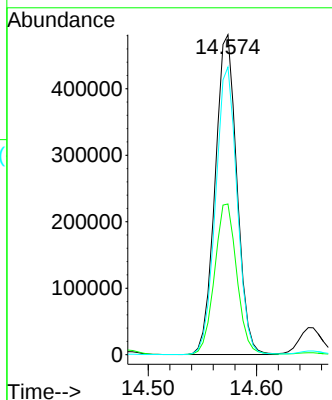
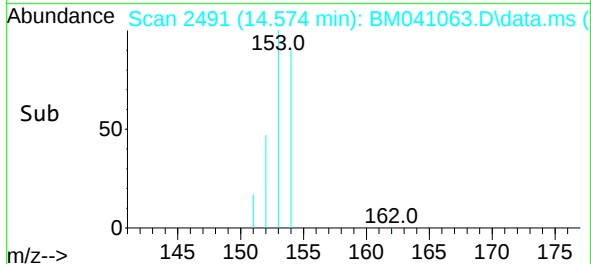
Instrument :
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Tgt Ion:153 Resp: 67415
Ion Ratio Lower Upper
153 100
152 47.1 41.0 61.6
154 89.9 68.2 102.2

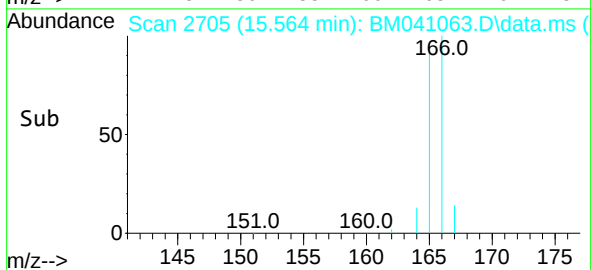
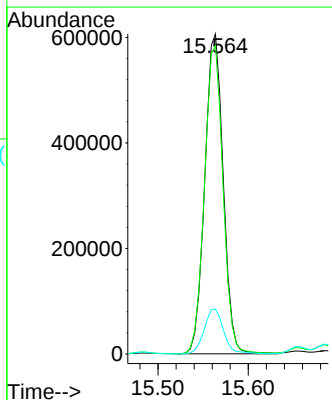
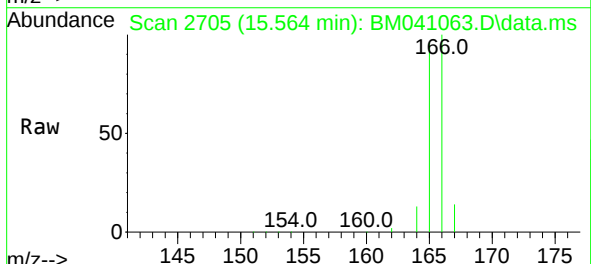
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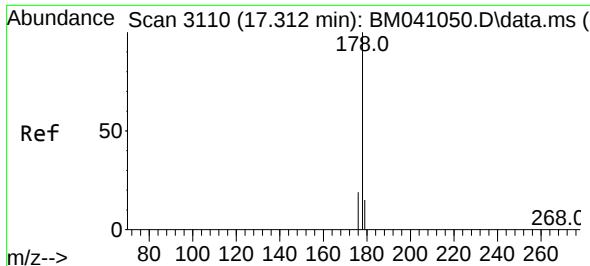
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 21.736 ng/ul
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

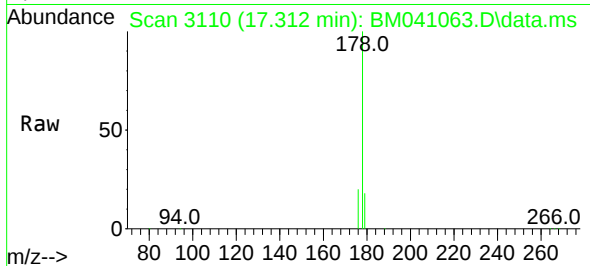
Tgt Ion:166 Resp: 860661
Ion Ratio Lower Upper
166 100
165 96.3 80.3 120.5
167 14.1 11.7 17.5





#15
Phenanthrene
Concen: 100.060 ng/u1
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

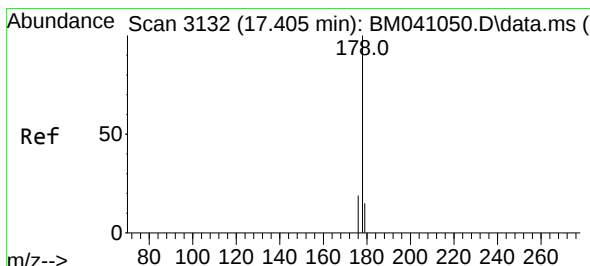
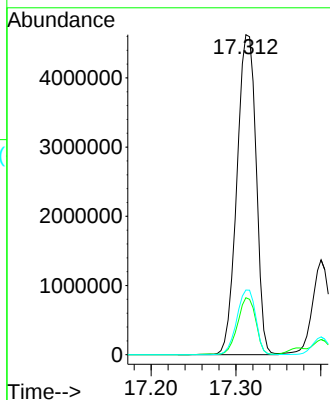
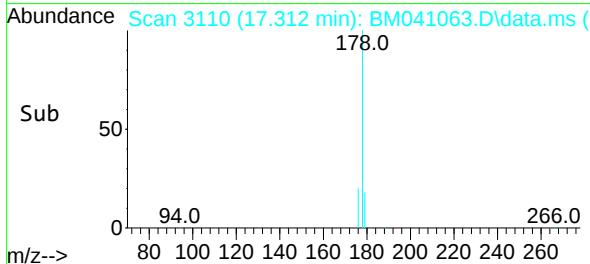
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 725078
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.2 16.2 24.4

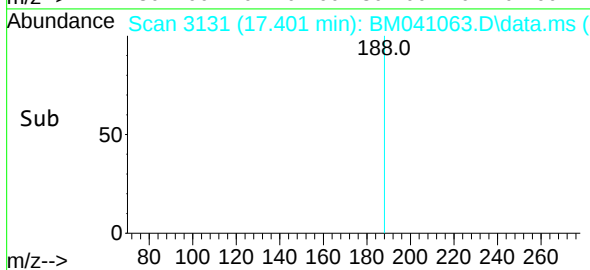
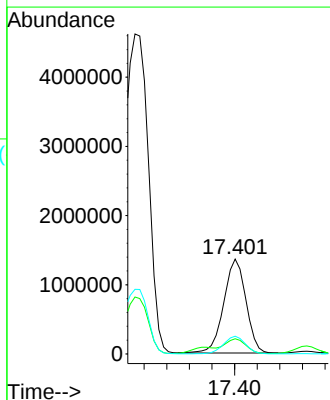
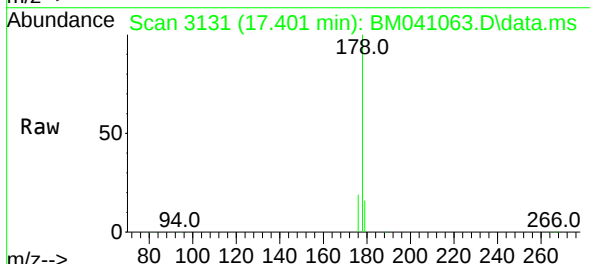
Manual Integrations
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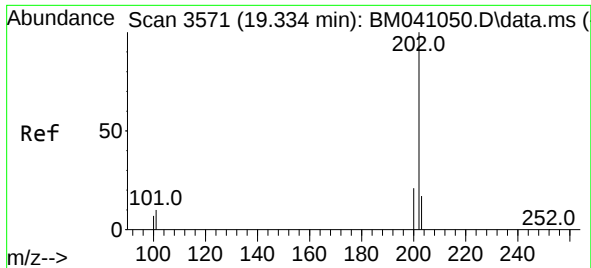
Reviewed By :Yogesh Patel 07/24/2023
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#16
Anthracene
Concen: 32.824 ng/u1
RT: 17.401 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

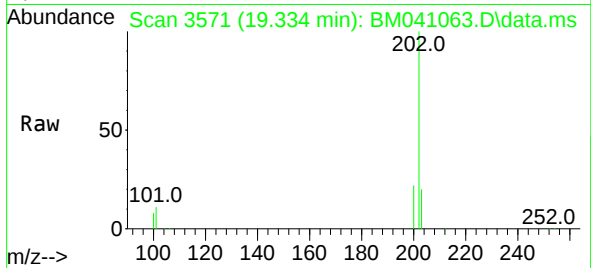
Tgt Ion:178 Resp: 1853312
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 18.8 16.4 24.6





#19
Fluoranthene
Concen: 79.712 ng/u1
RT: 19.334 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

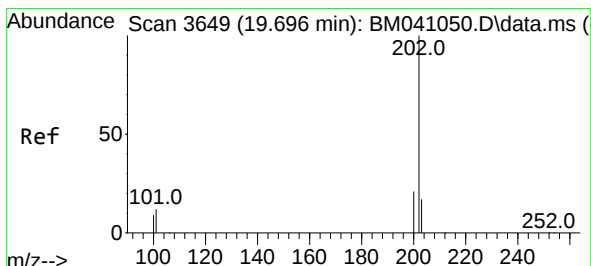
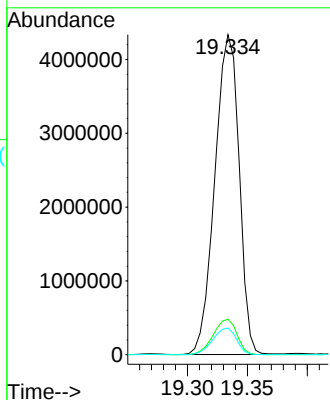
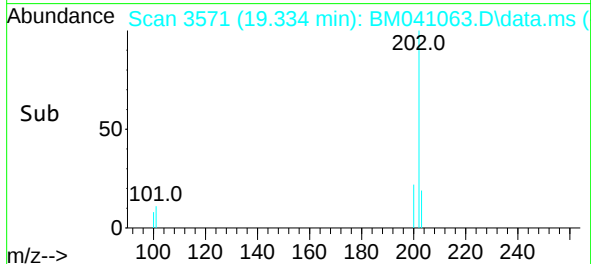
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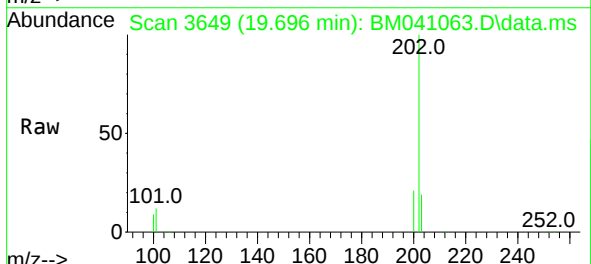
Tgt Ion:202 Resp: 6111627
Ion Ratio Lower Upper
202 100
101 11.1 11.0 16.4
100 8.3 8.3 12.5

Manual Integrations
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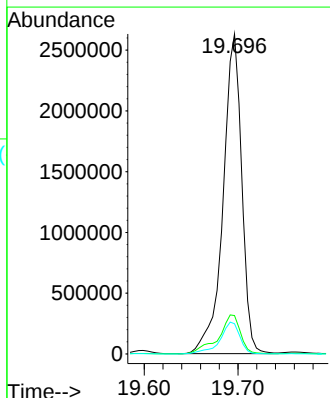
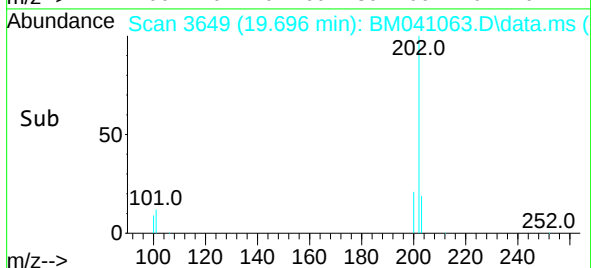
Reviewed By :Yogesh Patel 07/24/2023
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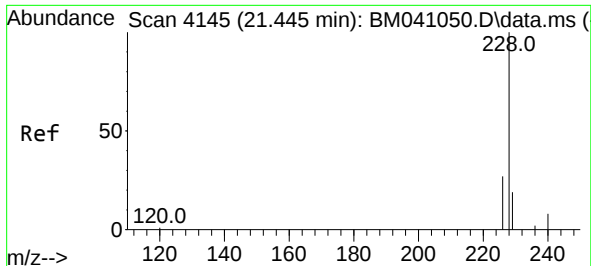


#20
Pyrene
Concen: 46.377 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40



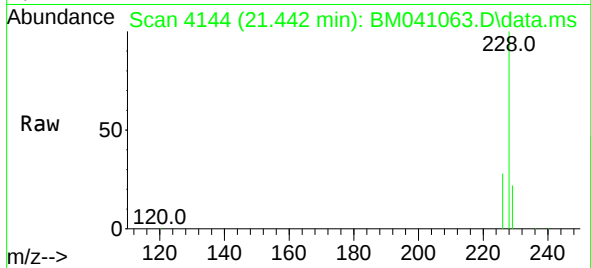
Tgt Ion:202 Resp: 3632667
Ion Ratio Lower Upper
202 100
101 12.0 12.5 18.7#
100 9.4 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 48.205 ng/u1
RT: 21.442 min Scan# 4145
Delta R.T. -0.006 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

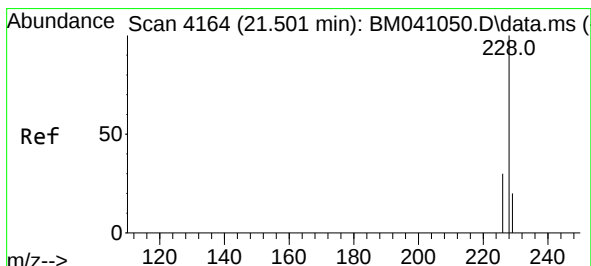
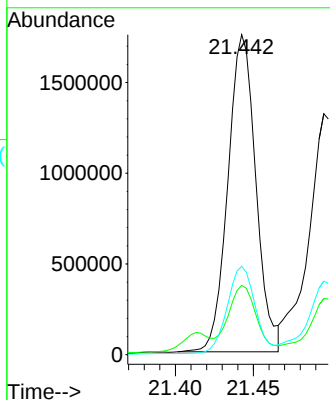
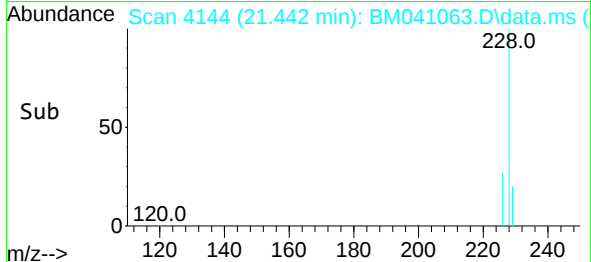
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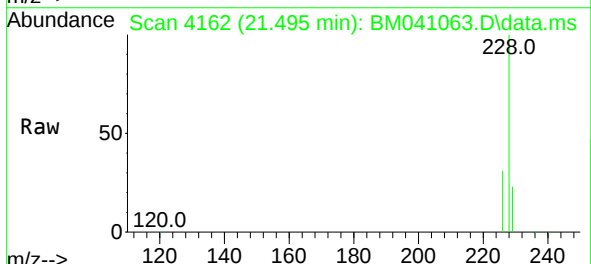
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Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.4
226 27.6 22.3 33.5

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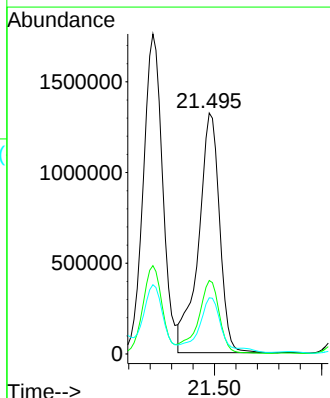
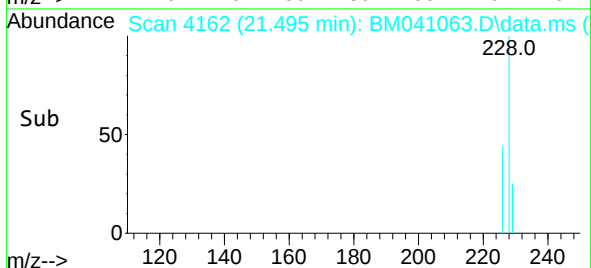
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

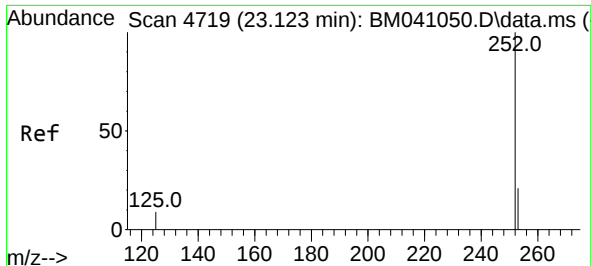


#22
Chrysene
Concen: 34.658 ng/u1
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40



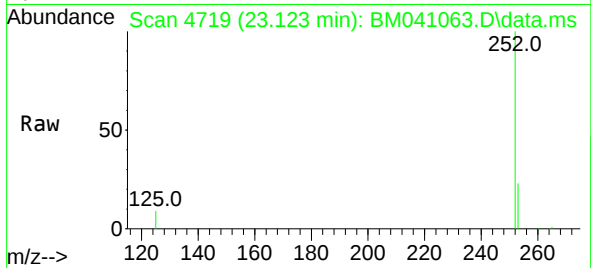
Tgt Ion:228 Resp: 1792355
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 23.3 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 25.333 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

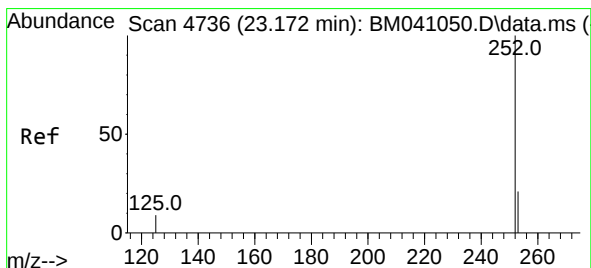
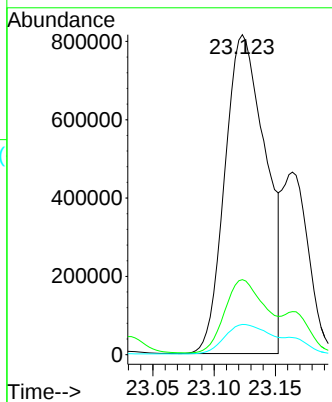
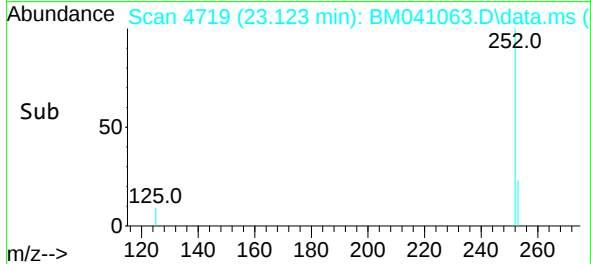
Instrument :
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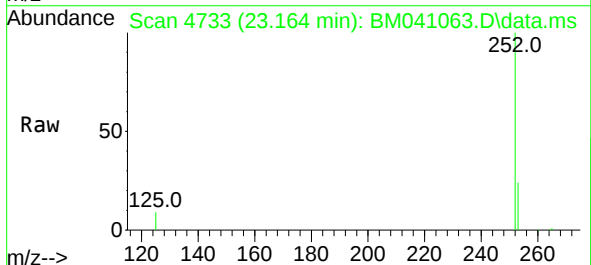
Tgt Ion:252 Resp: 1887610
Ion Ratio Lower Upper
252 100
253 23.4 0.0 57.4
125 9.5 0.0 45.2

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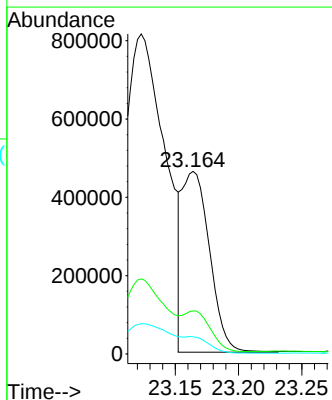
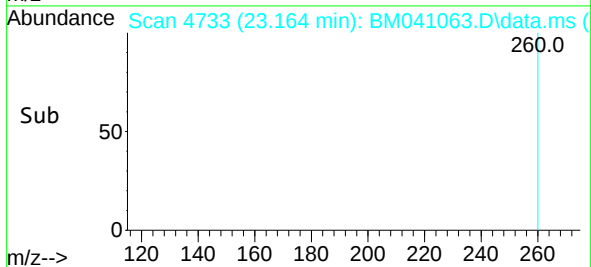
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

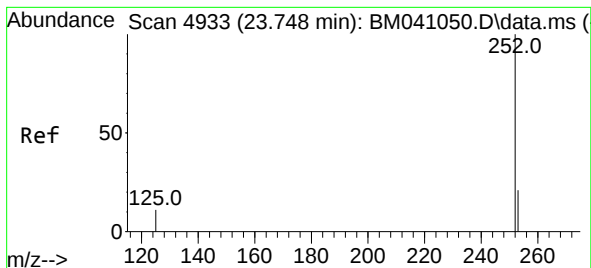


#25
Benzo(k)fluoranthene
Concen: 9.828 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40



Tgt Ion:252 Resp: 695764
Ion Ratio Lower Upper
252 100
253 23.6 23.3 34.9
125 9.4 18.2 27.2#





#26

Benzo(a)pyrene

Concen: 10.705 ng/ul

RT: 23.737 min Scan# 4933

Delta R.T. -0.011 min

Lab File: BM041063.D

Acq: 22 Jul 2023 20:40

Instrument :

BNA_M

ClientSampleId :

A46W9

Tgt Ion:252 Resp: 688944

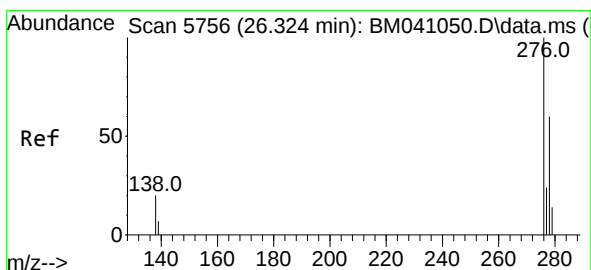
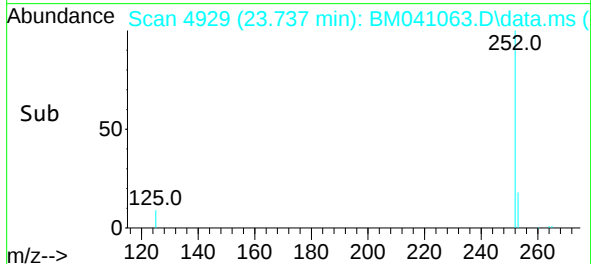
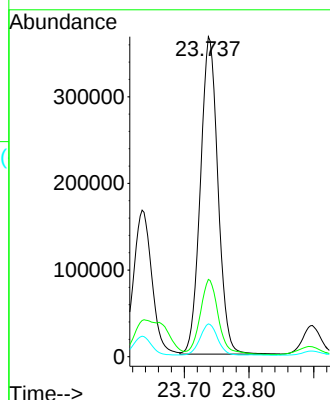
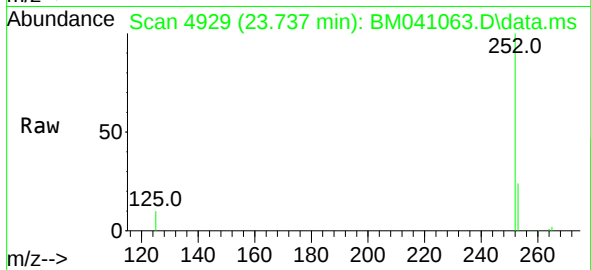
Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.2	42.2
125	10.3	25.2	37.8

Manual Integrations

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Supervised By :mohammad ahmed 07/24/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.622 ng/ul

RT: 26.310 min Scan# 5752

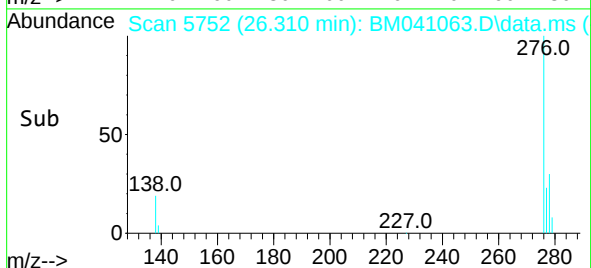
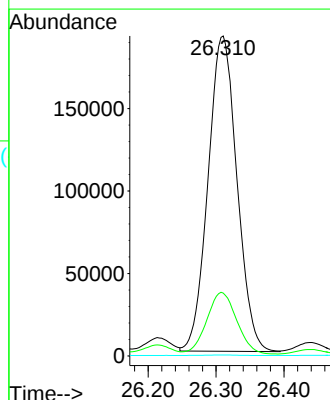
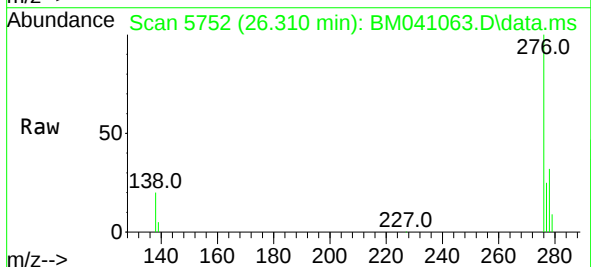
Delta R.T. -0.017 min

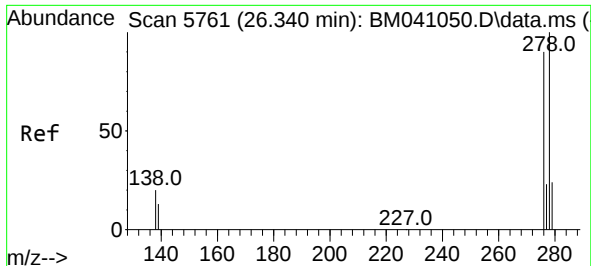
Lab File: BM041063.D

Acq: 22 Jul 2023 20:40

Tgt Ion:276 Resp: 565539

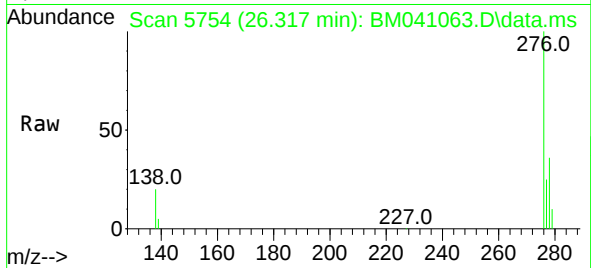
Ion	Ratio	Lower	Upper
276	100		
138	20.2	22.3	33.5
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 3.510 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. -0.030 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

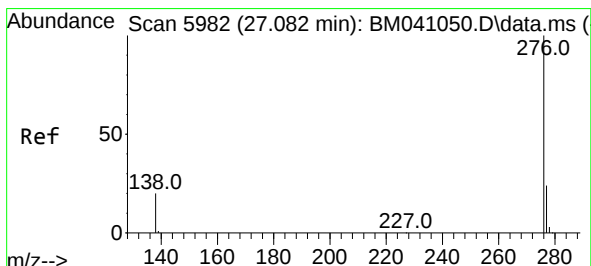
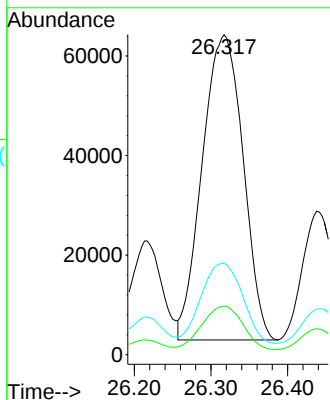
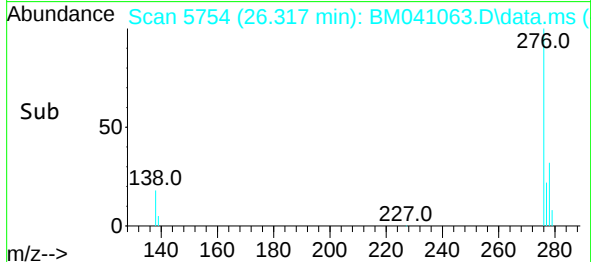
Instrument :
BNA_M
ClientSampleId :
A46W9



Tgt Ion:278 Resp: 226732
Ion Ratio Lower Upper
278 100
139 15.1 19.2 28.8
279 28.6 27.0 40.6

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



#29
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 27.068 min Scan# 5978
Delta R.T. -0.017 min
Lab File: BM041063.D
Acq: 22 Jul 2023 20:40

Tgt Ion:276 Resp: 39482
Ion Ratio Lower Upper
276 100
138 24.8 22.6 34.0
277 33.0 21.2 31.8

