

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041028.D
 Acq On : 21 Jul 2023 21:53
 Operator : MA/JU
 Sample : O3444-12DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 23:51:38 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 : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4050	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14913	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	8271	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	20182	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	13125	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	11754	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	7072	1.062	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	2249	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	4972	0.090	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.719	128	4384	0.107	ng/ul	96
7) 2-Methylnaphthalene	12.341	142	486	0.022	ng/ul	96
10) Acenaphthylene	14.236	152	1080	0.031	ng/ul#	76
11) Acenaphthene	14.578	153	1342	0.044	ng/ul	97
12) Fluorene	15.568	166	1486	0.047	ng/ul#	97
15) Phenanthrene	17.312	178	27161	0.450	ng/ul	99
16) Anthracene	17.401	178	3077	0.065	ng/ul#	92
19) Fluoranthene	19.329	202	52383	0.773	ng/ul	95
20) Pyrene	19.692	202	48837	0.705	ng/ul	97
21) Benzo(a)anthracene	21.445	228	16006	0.400	ng/ul	97
22) Chrysene	21.498	228	19354	0.423	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	20287	0.450	ng/ul	98
25) Benzo(k)fluoranthene	23.167	252	8172m	0.191	ng/ul	
26) Benzo(a)pyrene	23.743	252	9619	0.247	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.324	276	9649	0.187	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.334	278	2168	0.055	ng/ul#	61
29) Benzo(g,h,i)perylene	27.082	276	9611	0.201	ng/ul	96

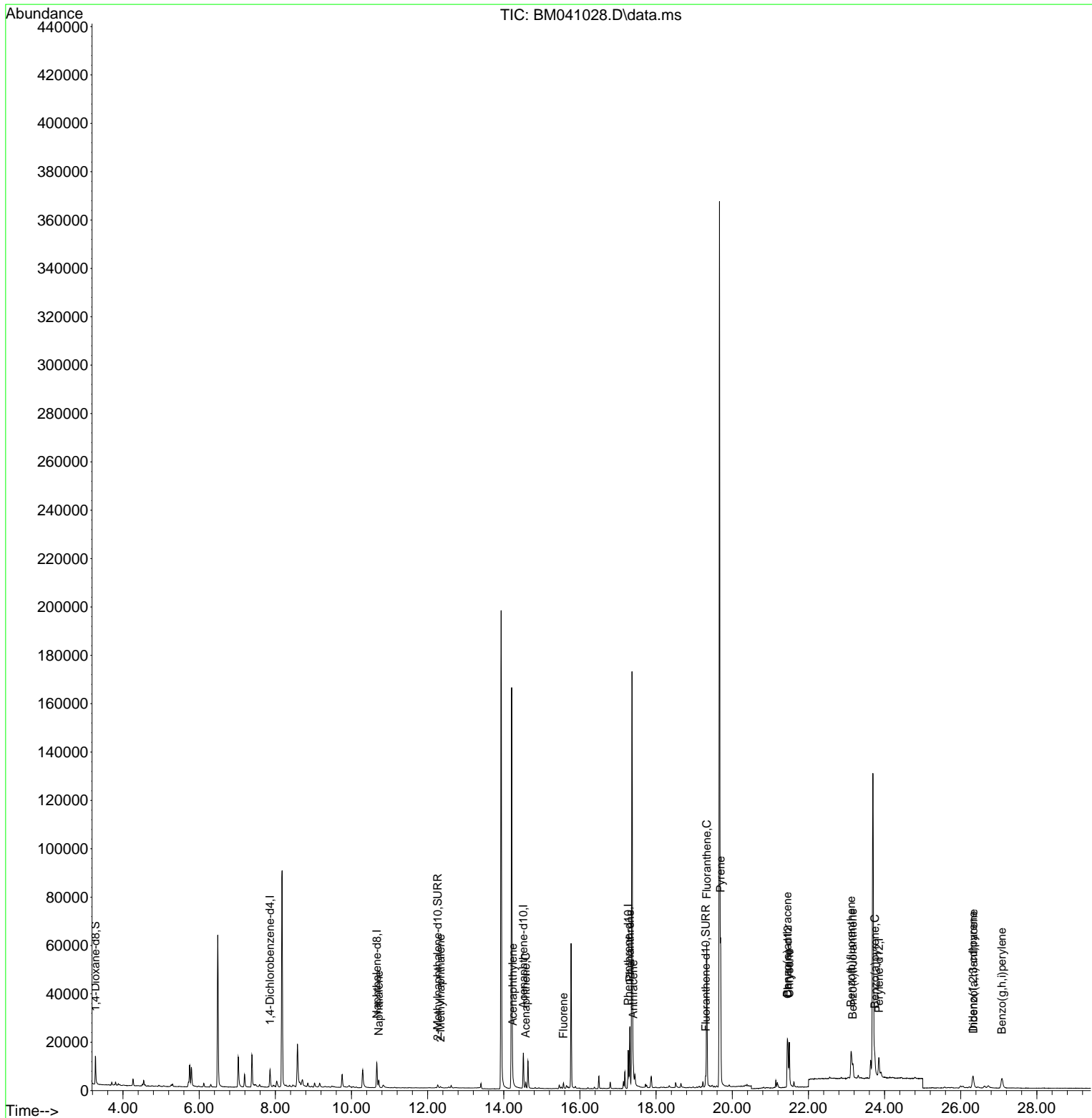
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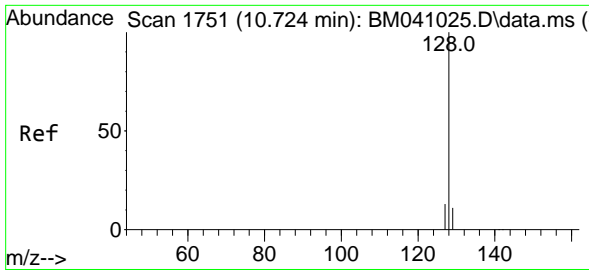
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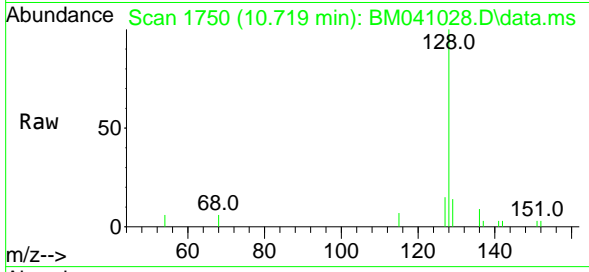
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023





#5
 Naphthalene
 Concen: 0.107 ng/uI
 RT: 10.719 min Scan# 1751
 Delta R.T. 0.000 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

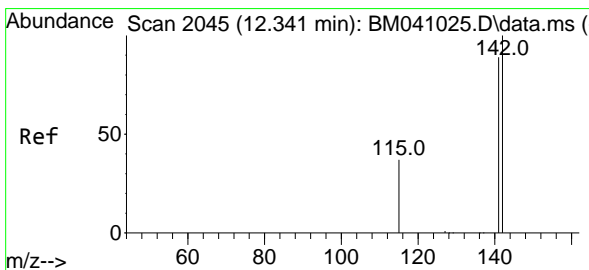
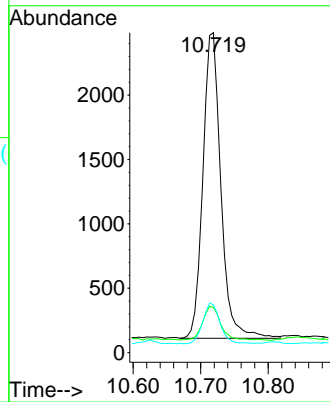
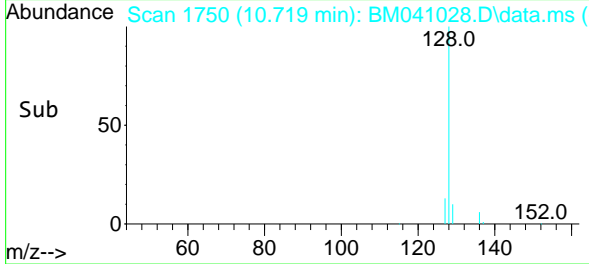
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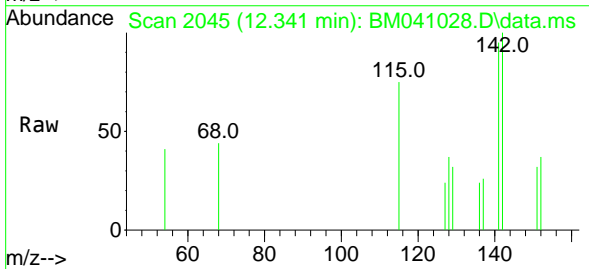
Tgt Ion:128 Resp: 4384
 Ion Ratio Lower Upper
 128 100
 129 14.2 9.8 14.8
 127 15.0 11.0 16.4

Manual Integrations
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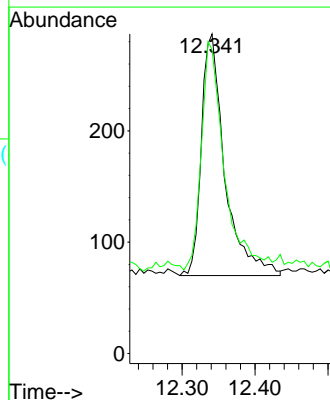
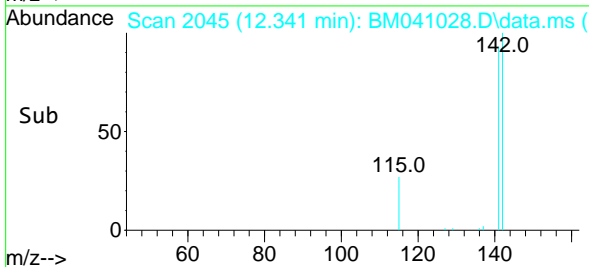
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

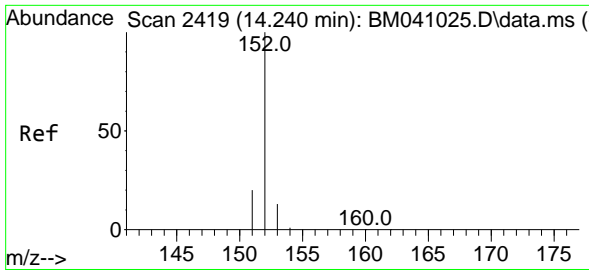


#7
 2-Methylnaphthalene
 Concen: 0.022 ng/uI
 RT: 12.341 min Scan# 2045
 Delta R.T. 0.000 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53



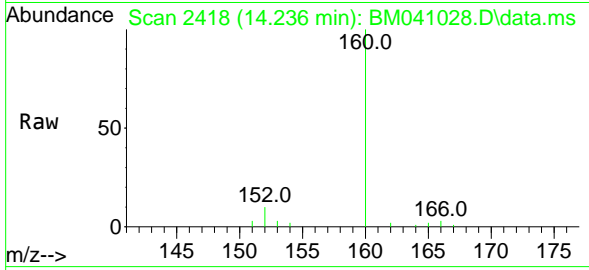
Tgt Ion:142 Resp: 486
 Ion Ratio Lower Upper
 142 100
 141 95.3 73.2 109.8





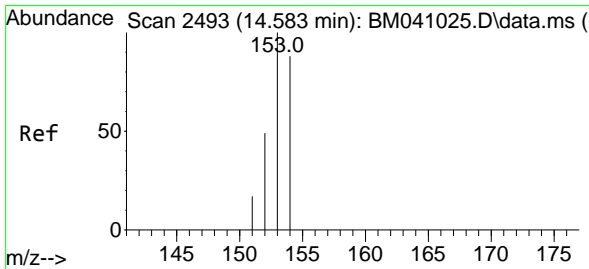
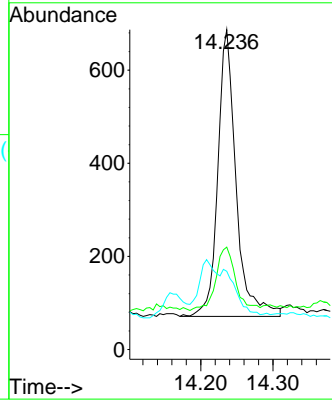
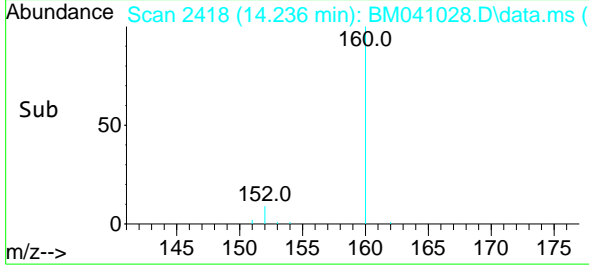
#10
 Acenaphthylene
 Concen: 0.031 ng/u1
 RT: 14.236 min Scan# 2418
 Delta R.T. -0.005 min
 Lab File: BM041028.D
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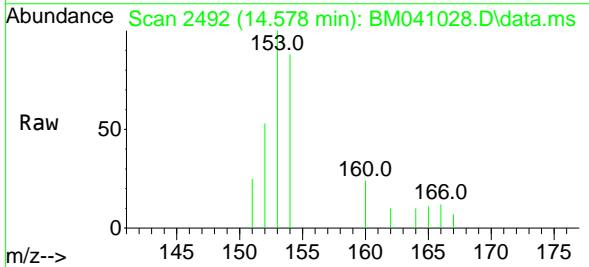


Tgt Ion:152 Resp: 1080
 Ion Ratio Lower Upper
 152 100
 151 32.0 16.8 25.2
 153 24.5 11.6 17.4

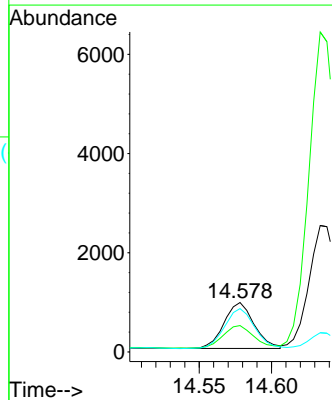
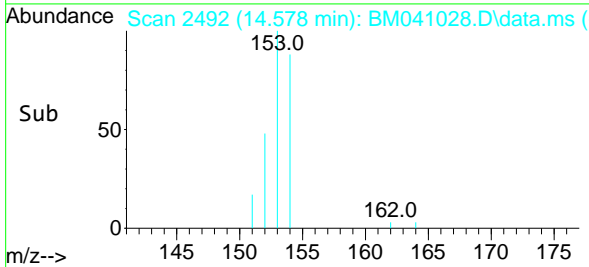
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 Supervised By :mohammad ahmed 07/22/2023

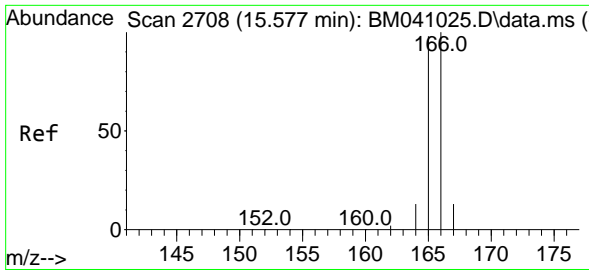


#11
 Acenaphthene
 Concen: 0.044 ng/u1
 RT: 14.578 min Scan# 2492
 Delta R.T. -0.005 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53



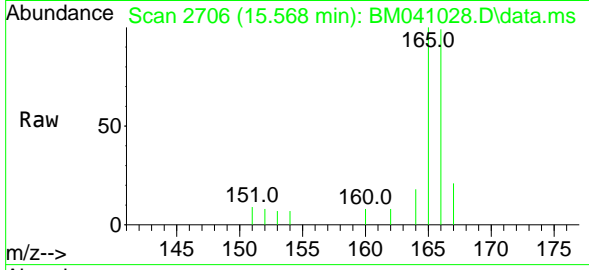
Tgt Ion:153 Resp: 1342
 Ion Ratio Lower Upper
 153 100
 152 53.4 41.0 61.6
 154 87.8 68.2 102.2





#12
 Fluorene
 Concen: 0.047 ng/u1
 RT: 15.568 min Scan# 2706
 Delta R.T. -0.005 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

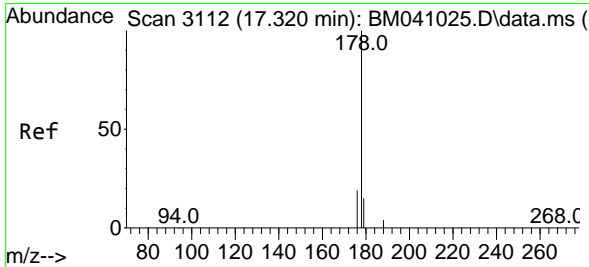
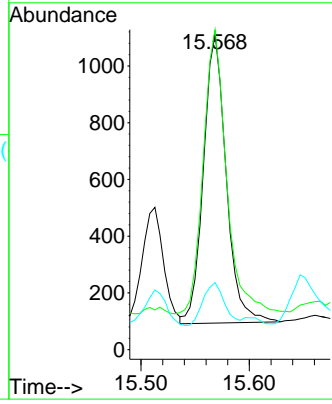
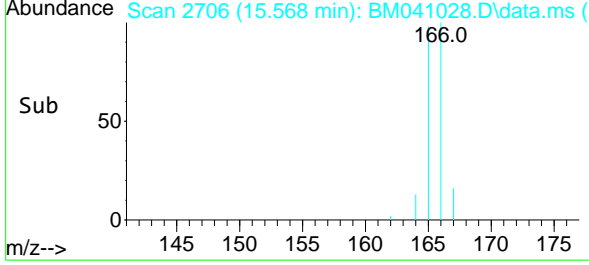
Instrument :
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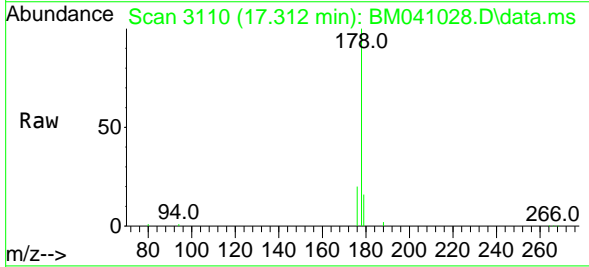
Tgt Ion:166 Resp: 1480
 Ion Ratio Lower Upper
 166 100
 165 101.3 80.3 120.5
 167 21.2 11.7 17.5

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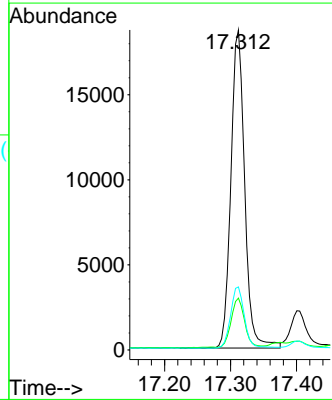
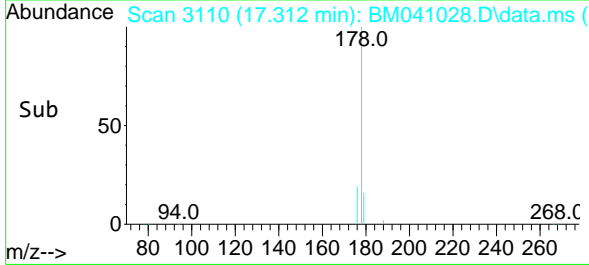
Reviewed By :Yogesh Patel 07/22/2023
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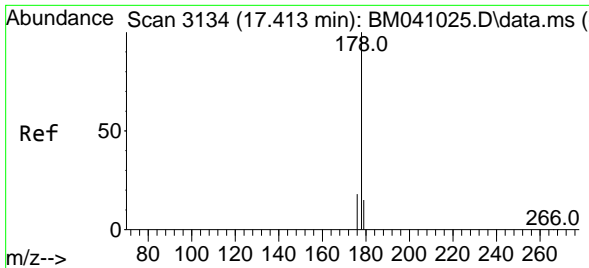


#15
 Phenanthrene
 Concen: 0.450 ng/u1
 RT: 17.312 min Scan# 3110
 Delta R.T. -0.004 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53



Tgt Ion:178 Resp: 27161
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.6
 176 19.7 16.2 24.4





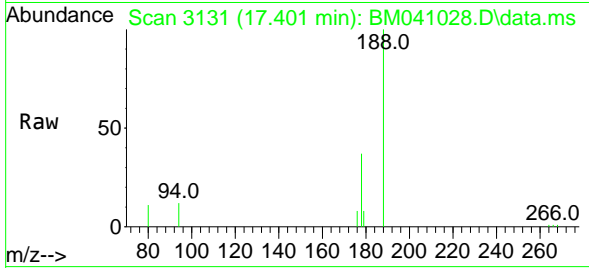
#16
 Anthracene
 Concen: 0.065 ng/u1
 RT: 17.401 min Scan# 3134
 Delta R.T. -0.013 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Instrument :

BNA_M

ClientSampleId :

A46T6DL

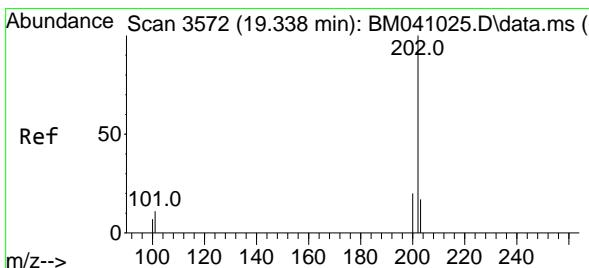
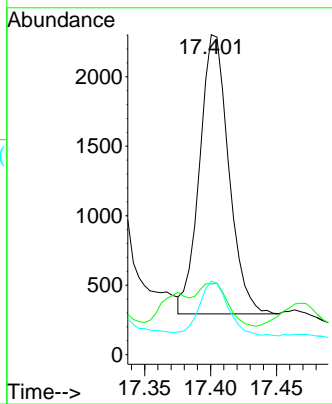
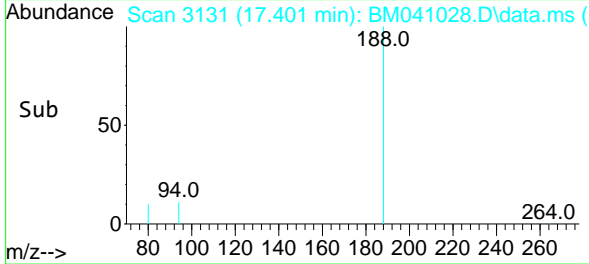


Tgt Ion:178 Resp: 307
 Ion Ratio Lower Upper
 178 100
 179 22.1 13.7 20.5
 176 23.0 16.4 24.6

Manual Integrations

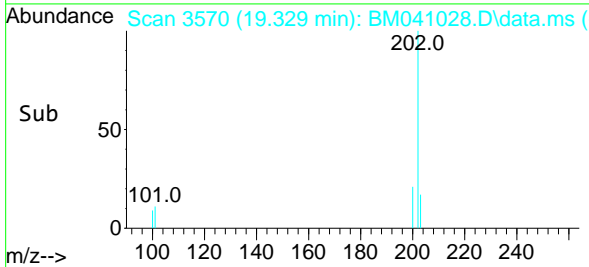
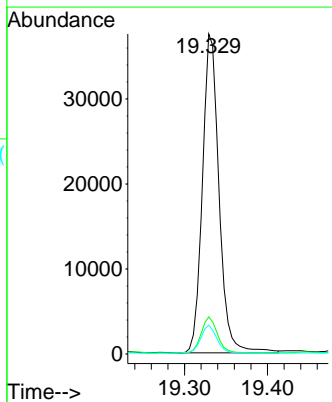
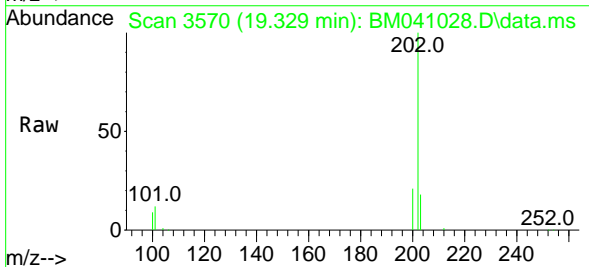
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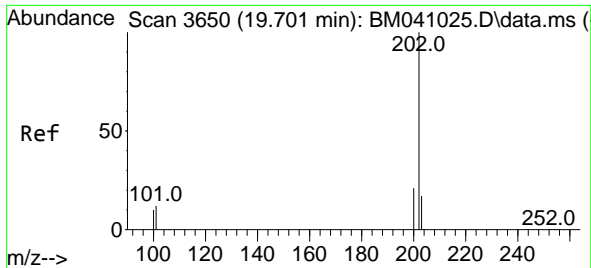
Reviewed By :Yogesh Patel 07/22/2023
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#19
 Fluoranthene
 Concen: 0.773 ng/u1
 RT: 19.329 min Scan# 3570
 Delta R.T. -0.009 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Tgt Ion:202 Resp: 52383
 Ion Ratio Lower Upper
 202 100
 101 11.6 11.0 16.4
 100 9.0 8.3 12.5





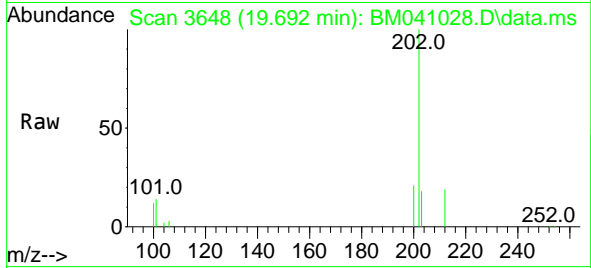
#20
 Pyrene
 Concen: 0.705 ng/uI
 RT: 19.692 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Instrument :

BNA_M

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A46T6DL

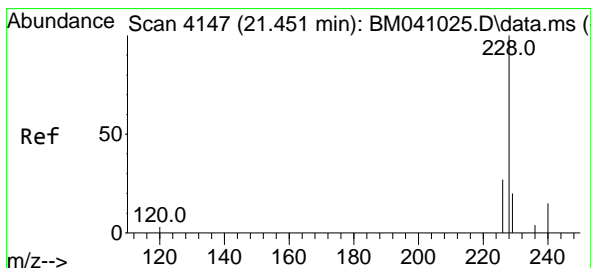
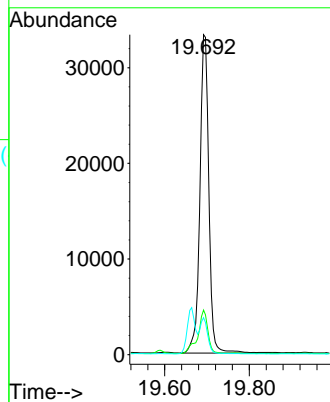
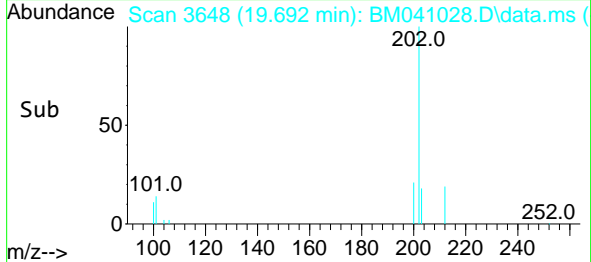


Tgt Ion:202 Resp: 4883
 Ion Ratio Lower Upper
 202 100
 101 13.9 12.5 18.7
 100 11.5 10.0 15.0

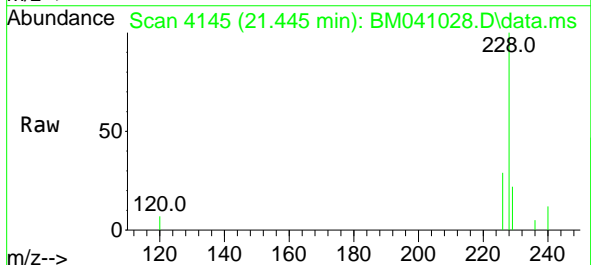
Manual Integrations

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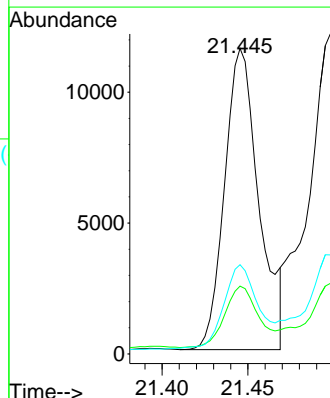
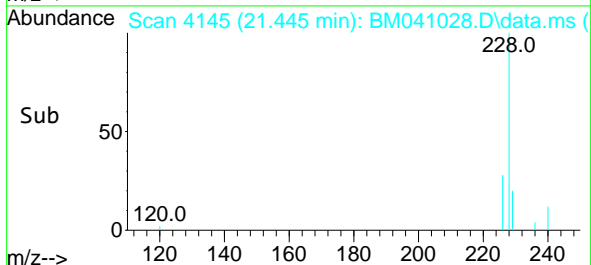
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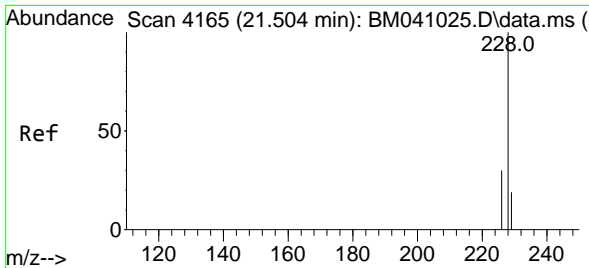


#21
 Benzo(a)anthracene
 Concen: 0.400 ng/uI
 RT: 21.445 min Scan# 4145
 Delta R.T. -0.006 min
 Lab File: BM041028.D
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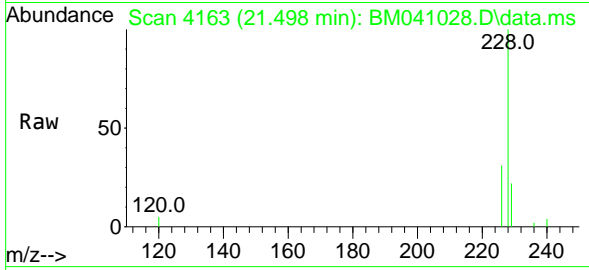
Tgt Ion:228 Resp: 16006
 Ion Ratio Lower Upper
 228 100
 229 22.2 16.2 24.4
 226 29.2 22.3 33.5





#22
 Chrysene
 Concen: 0.423 ng/u1
 RT: 21.498 min Scan# 4163
 Delta R.T. -0.006 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

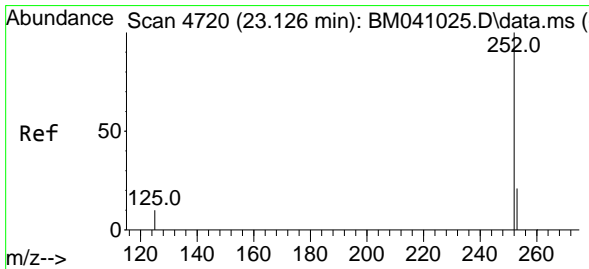
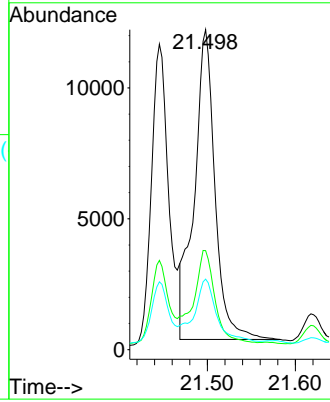
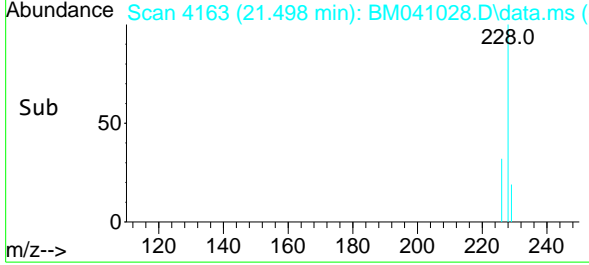
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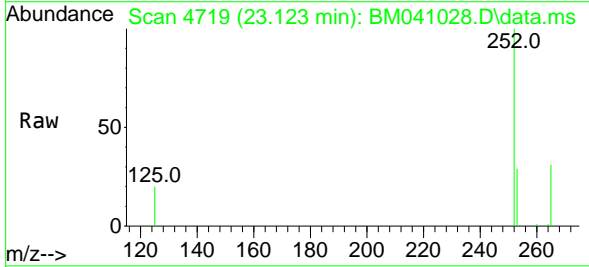
Tgt Ion:228 Resp: 19354
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 37.0
 229 22.1 16.1 24.1

Manual Integrations
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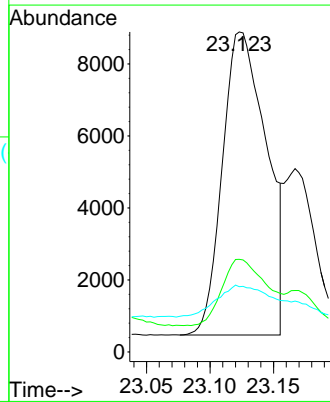
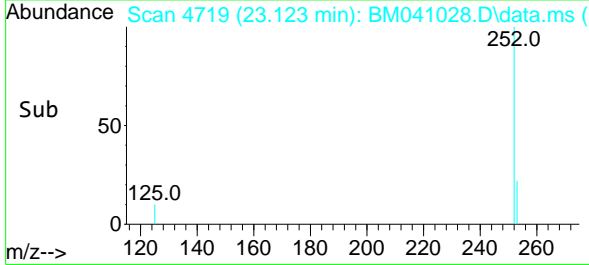
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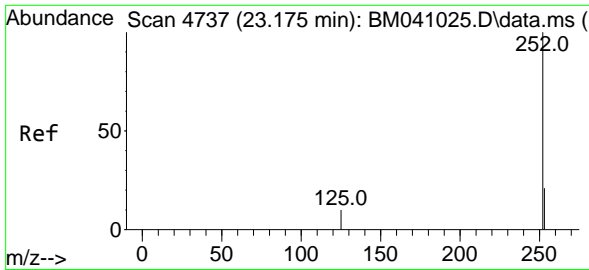


#24
 Benzo(b)fluoranthene
 Concen: 0.450 ng/u1
 RT: 23.123 min Scan# 4719
 Delta R.T. -0.006 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53



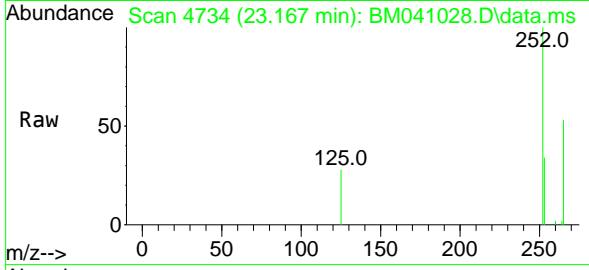
Tgt Ion:252 Resp: 20287
 Ion Ratio Lower Upper
 252 100
 253 29.0 0.0 57.4
 125 20.4 0.0 45.2





#25
 Benzo(k)fluoranthene
 Concen: 0.191 ng/u1 m
 RT: 23.167 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

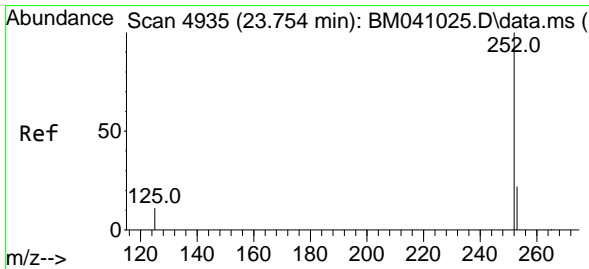
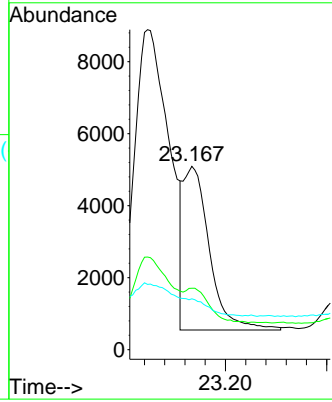
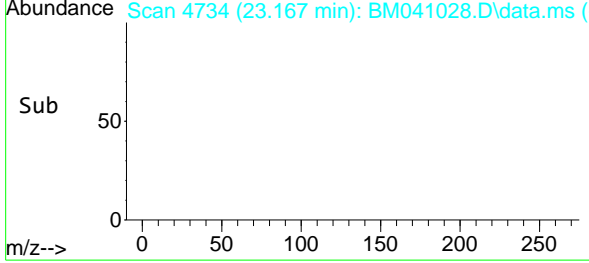
Instrument :
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Tgt Ion:252 Resp: 817
 Ion Ratio Lower Upper
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 253 33.5 23.3 34.9
 125 27.8 18.2 27.2

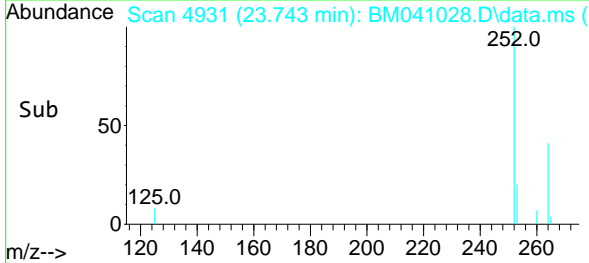
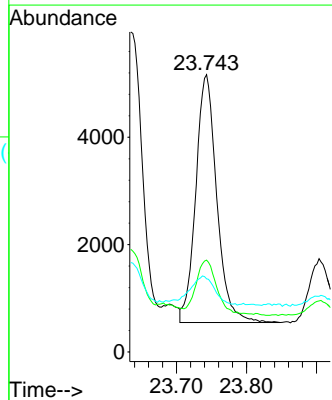
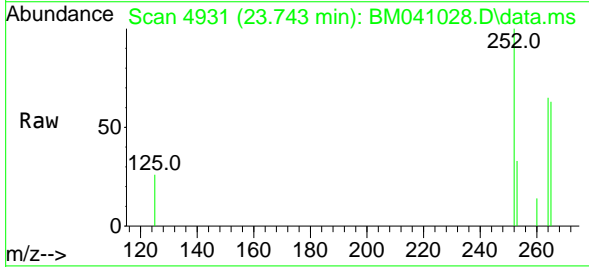
Manual Integrations
 APPROVED

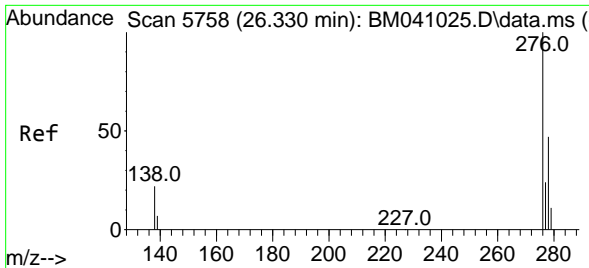
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#26
 Benzo(a)pyrene
 Concen: 0.247 ng/u1
 RT: 23.743 min Scan# 4931
 Delta R.T. -0.015 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Tgt Ion:252 Resp: 9619
 Ion Ratio Lower Upper
 252 100
 253 33.1 28.2 42.2
 125 26.4 25.2 37.8





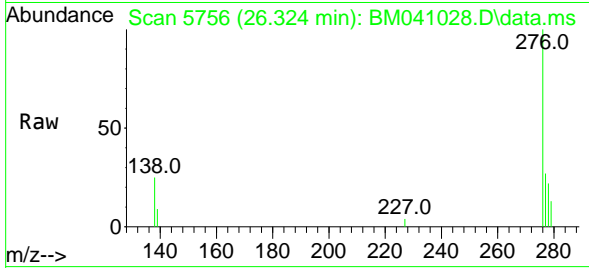
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.187 ng/uI
 RT: 26.324 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Instrument :

BNA_M

Client Sample Id :

A46T6DL

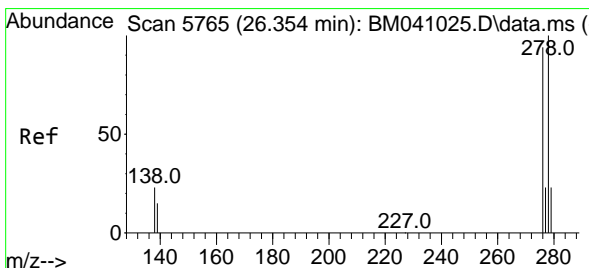
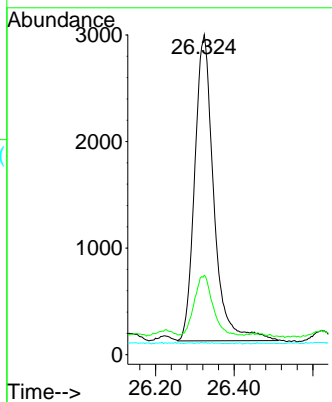
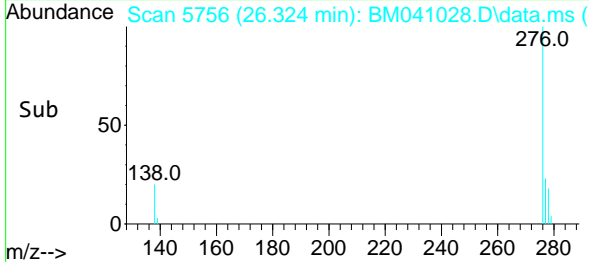


Tgt Ion: 276 Resp: 9649
 Ion Ratio Lower Upper
 276 100
 138 19.4 22.3 33.5#
 227 0.2 0.0 0.0#

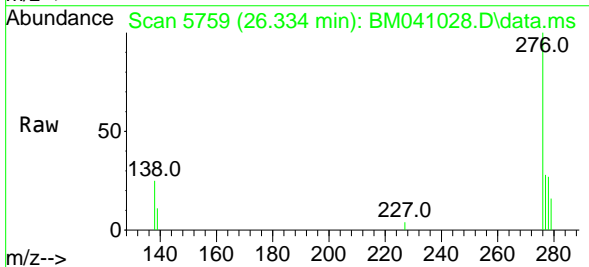
Manual Integrations

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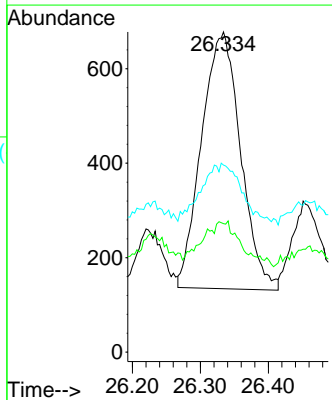
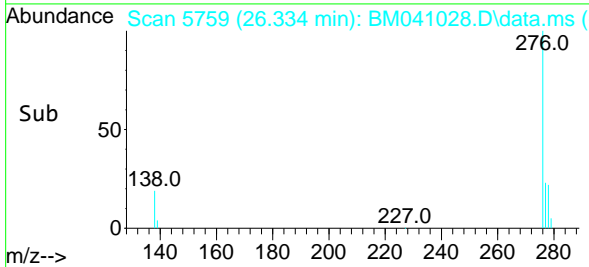
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

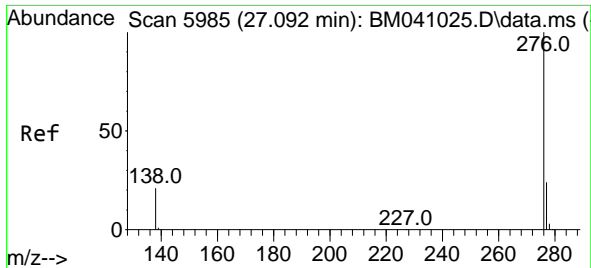


#28
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/uI
 RT: 26.334 min Scan# 5759
 Delta R.T. -0.020 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53



Tgt Ion: 278 Resp: 2168
 Ion Ratio Lower Upper
 278 100
 139 40.1 19.2 28.8#
 279 58.4 27.0 40.6#





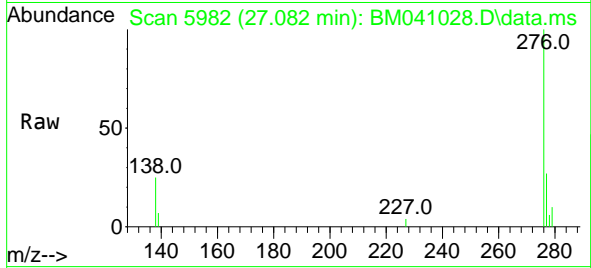
#29
 Benzo(g,h,i)perylene
 Concen: 0.201 ng/u1
 RT: 27.082 min Scan# 5982
 Delta R.T. -0.010 min
 Lab File: BM041028.D
 Acq: 21 Jul 2023 21:53

Instrument :

BNA_M

ClientSampleId :

A46T6DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.6	34.0
277	27.4	21.2	31.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023

