

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040433.D
 Acq On : 29 Jun 2023 12:20
 Operator : MA/JU
 Sample : 03143-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:05:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	6701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	24111	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.582	164	11836	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	22234	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12076	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	14176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	33449	3.178	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	7304	0.216	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	9893	0.256	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.800	128	8386	0.126	ng/ul#	93
7) 2-Methylnaphthalene	12.411	142	4459	0.114	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	3316	0.085	ng/ul	98
10) Acenaphthylene	14.304	152	5278	0.100	ng/ul#	90
11) Acenaphthene	14.646	153	6501	0.146	ng/ul	98
12) Fluorene	15.632	166	6850	0.144	ng/ul#	97
15) Phenanthrene	17.370	178	82408	1.193	ng/ul	99
16) Anthracene	17.463	178	15186	0.262	ng/ul	97
19) Fluoranthene	19.389	202	132656	2.586	ng/ul	95
20) Pyrene	19.751	202	93711m	1.704	ng/ul	
21) Benzo(a)anthracene	21.494	228	50120	1.227	ng/ul	96
22) Chrysene	21.547	228	59002	1.266	ng/ul	97
24) Benzo(b)fluoranthene	23.189	252	90075	1.642	ng/ul	94
25) Benzo(k)fluoranthene	23.233	252	31667m	0.586	ng/ul	
26) Benzo(a)pyrene	23.818	252	53660	1.086	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.434	276	51417	0.747	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.444	278	13164	0.244	ng/ul#	73
29) Benzo(g,h,i)perylene	27.212	276	49209	0.816	ng/ul	98

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

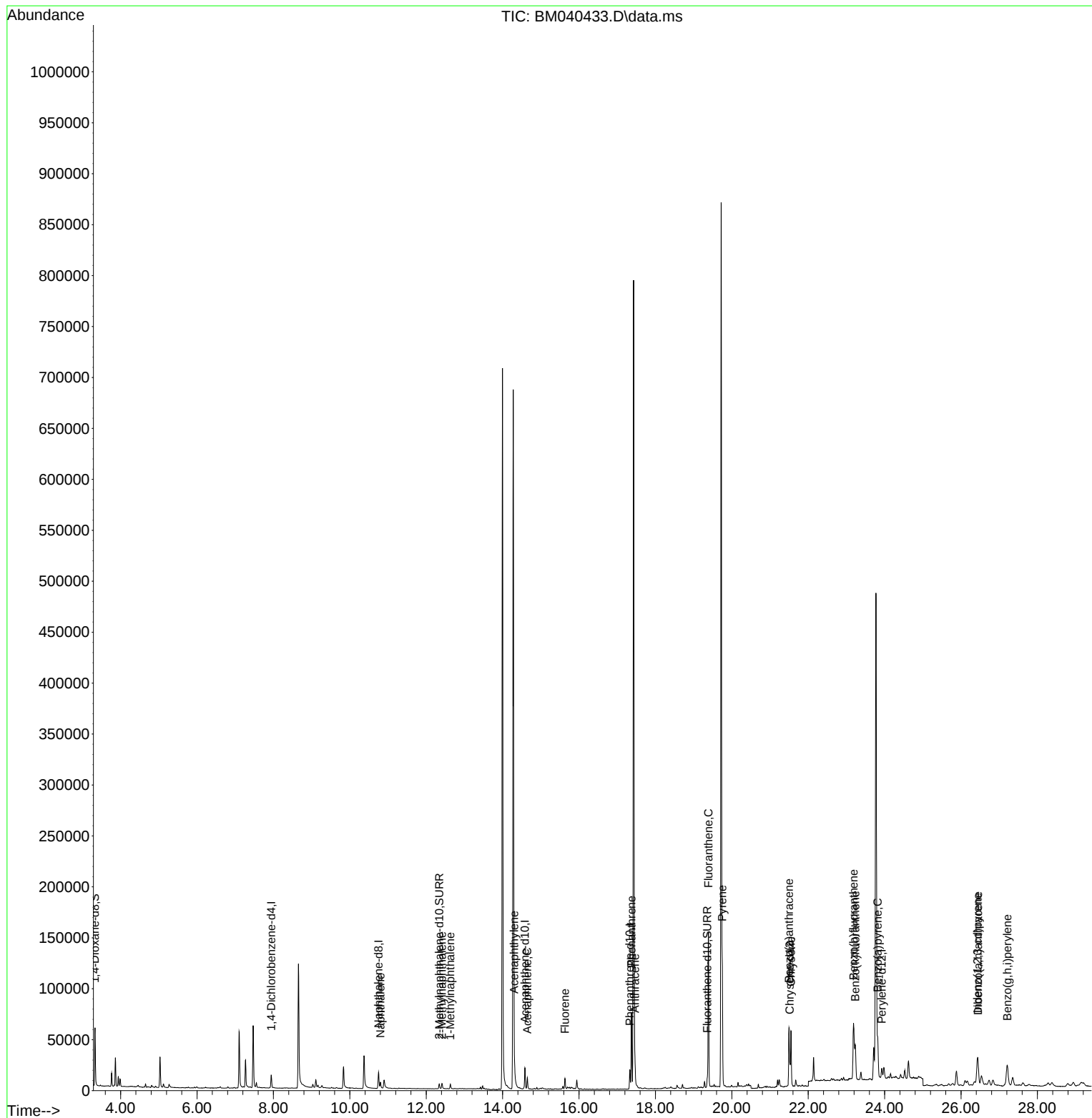
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040433.D
Acq On : 29 Jun 2023 12:20
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ALS Vial : 8 Sample Multiplier: 1

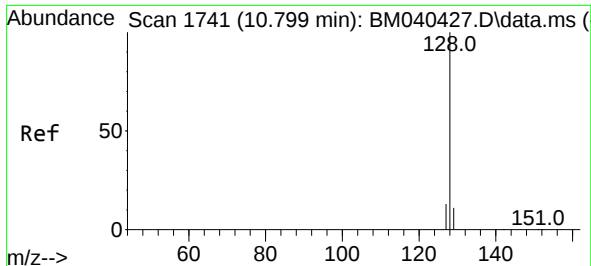
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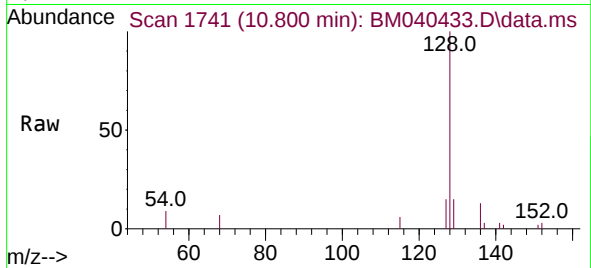
Quant Time: Jun 30 03:05:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. -0.011 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

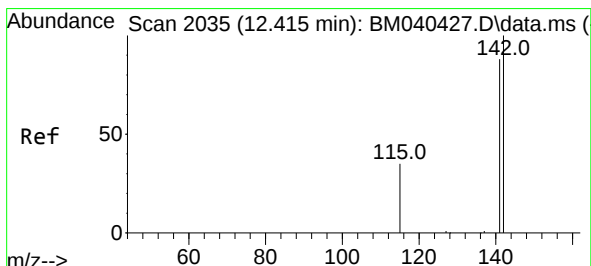
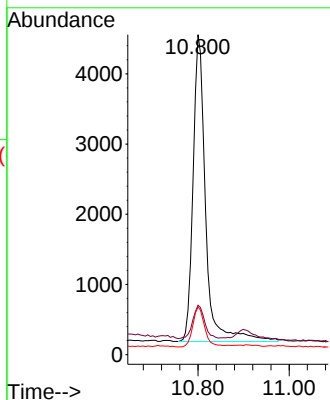
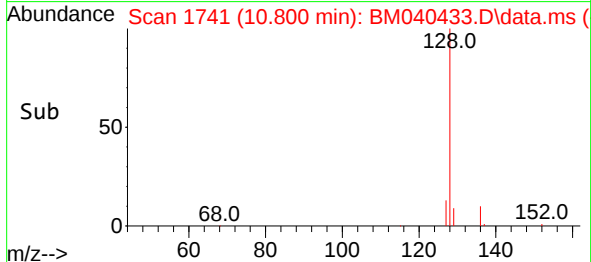
Instrument :
BNA_M
ClientSampleId :
DCFU7



Tgt Ion:128 Resp: 8380
Ion Ratio Lower Upper
128 100
129 15.4 9.2 13.8
127 14.9 10.6 15.8

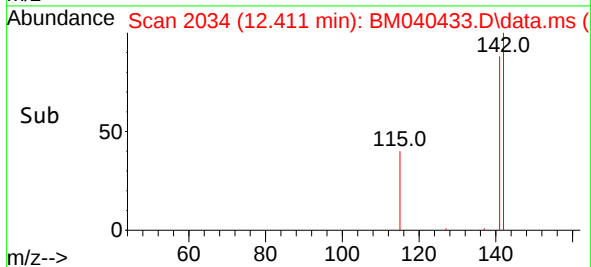
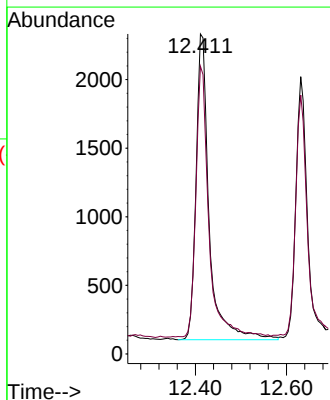
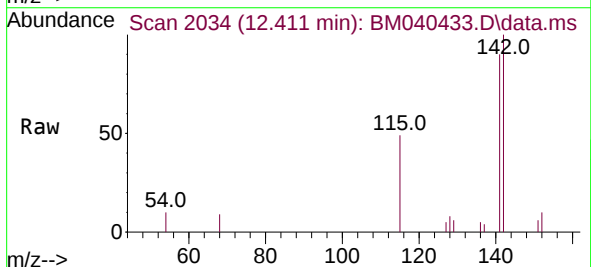
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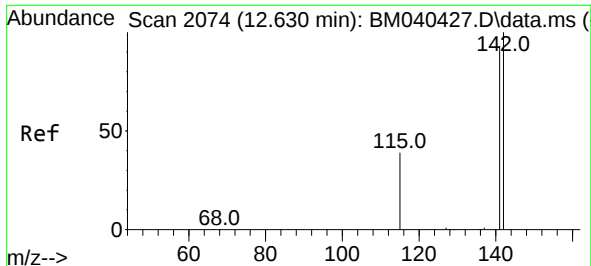
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

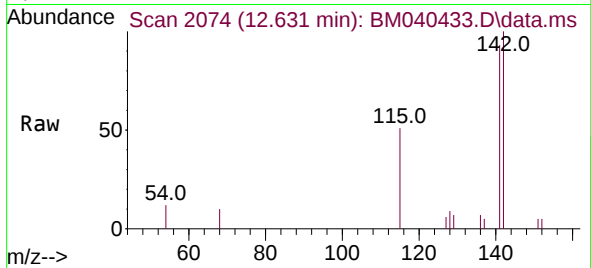
Tgt Ion:142 Resp: 4459
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

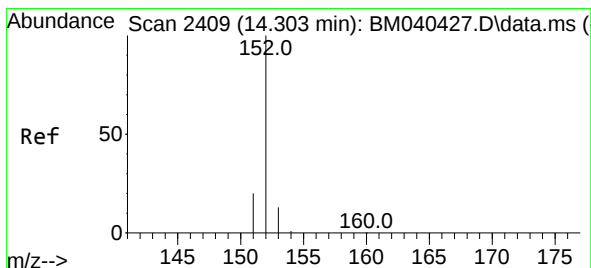
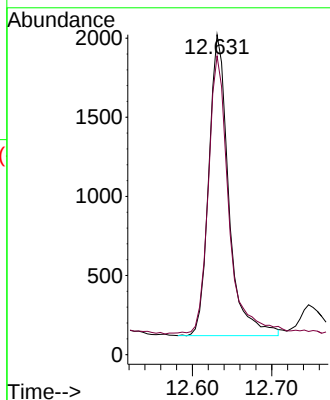
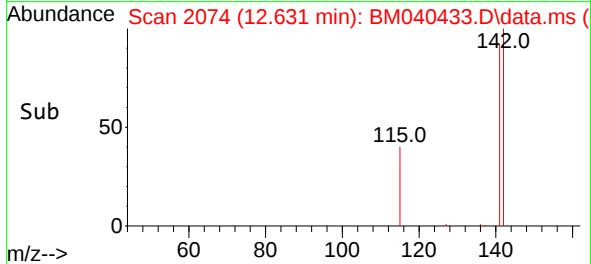
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Tgt Ion:142 Resp: 3310
Ion Ratio Lower Upper
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141 94.5 73.7 110.5

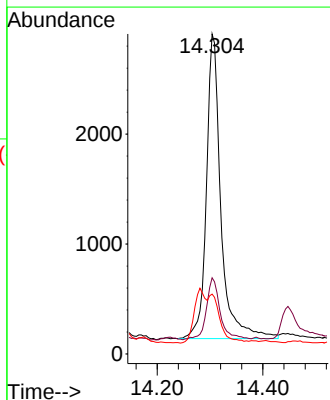
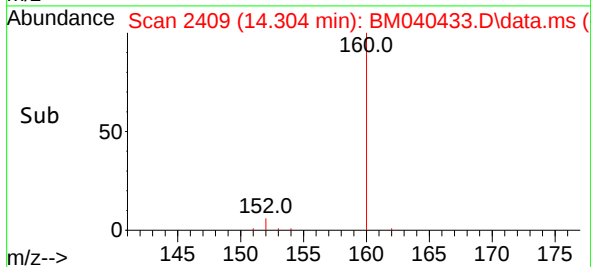
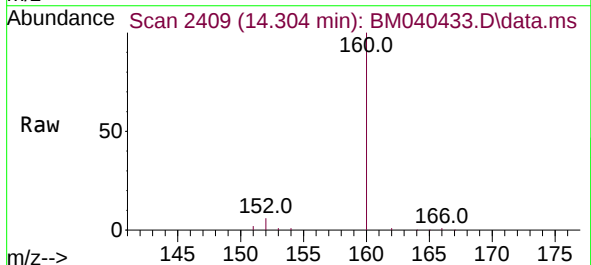
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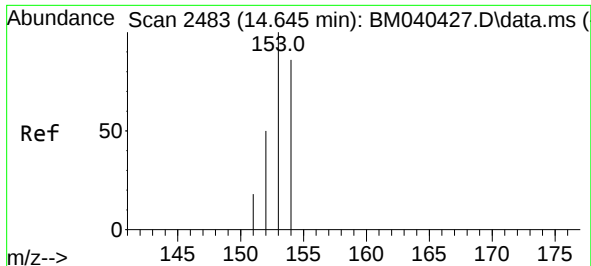
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

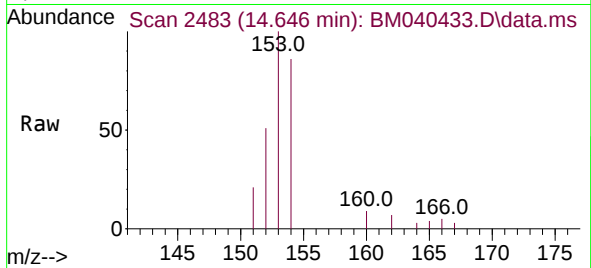
Tgt Ion:152 Resp: 5278
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 18.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

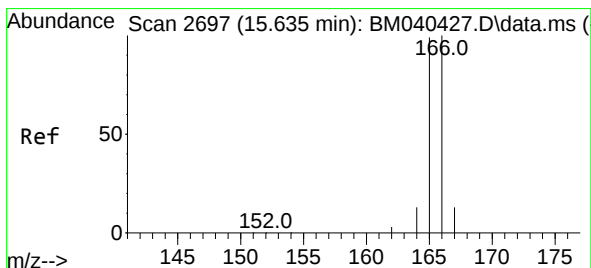
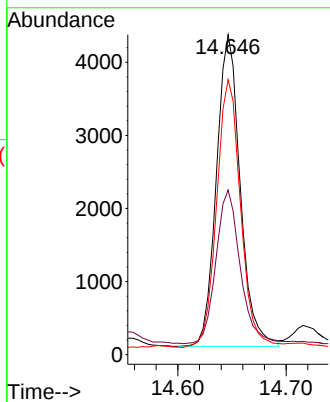
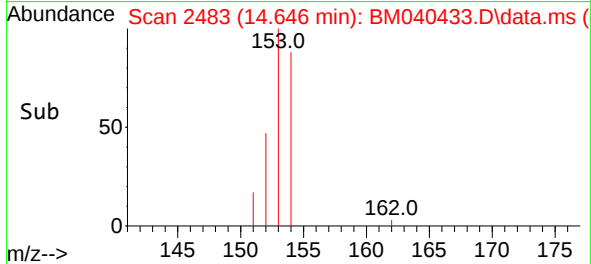
Instrument :
BNA_M
ClientSampleId :
DCFU7



Tgt Ion:153 Resp: 650
Ion Ratio Lower Upper
153 100
152 51.5 41.0 61.4
154 85.9 70.8 106.2

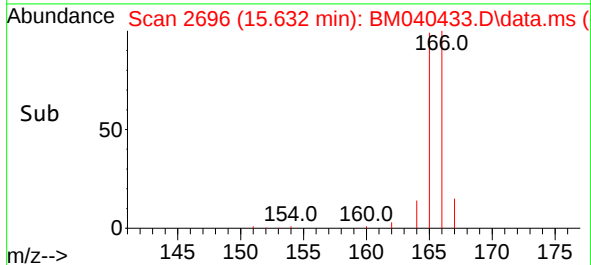
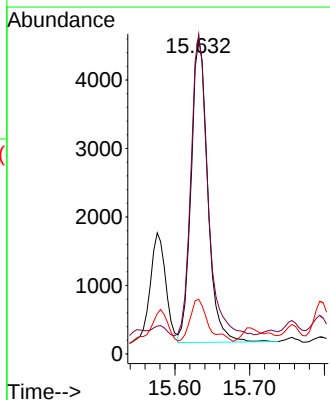
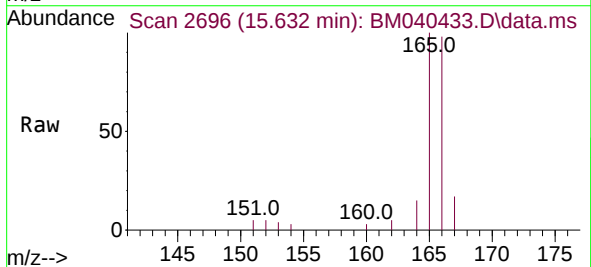
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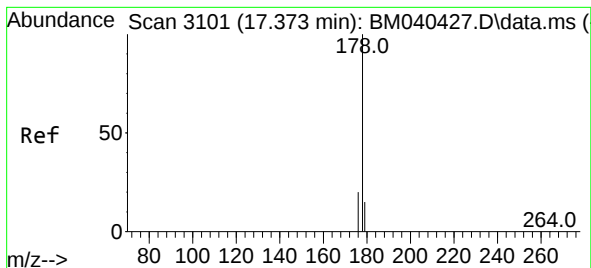
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.144 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

Tgt Ion:166 Resp: 6850
Ion Ratio Lower Upper
166 100
165 101.6 79.6 119.4
167 17.3 11.4 17.0#





#15

Phenanthrene

Concen: 1.193 ng/uI

RT: 17.370 min Scan# 3101

Delta R.T. -0.009 min

Lab File: BM040433.D

Acq: 29 Jun 2023 12:20

Instrument :

BNA_M

ClientSampleId :

DCFU7

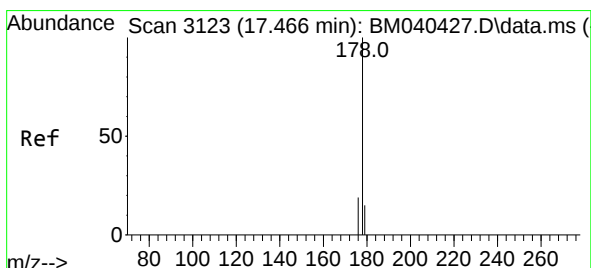
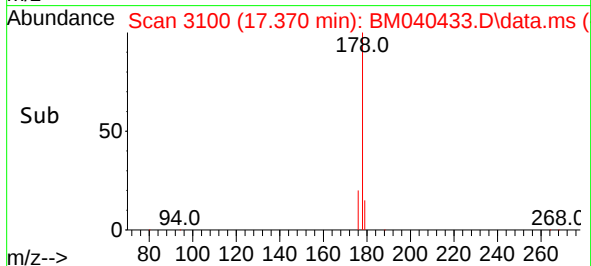
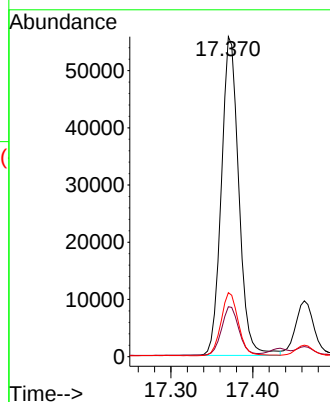
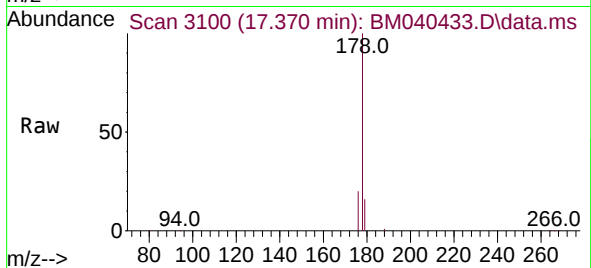
Tgt Ion:	178	Resp:	82408
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	20.0	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#16

Anthracene

Concen: 0.262 ng/uI

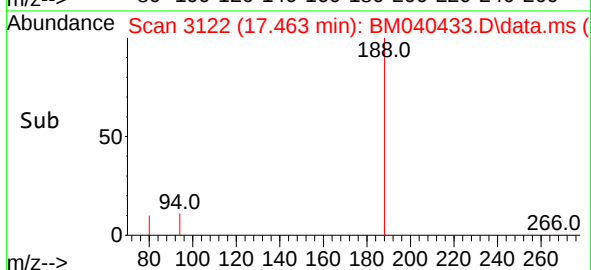
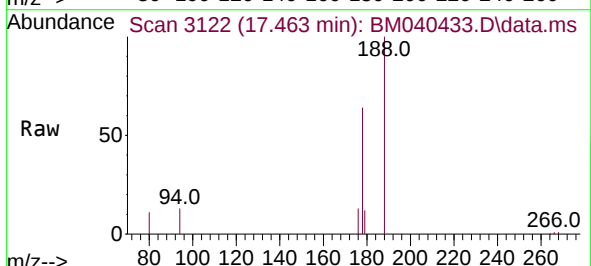
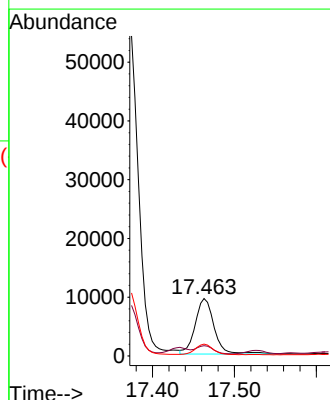
RT: 17.463 min Scan# 3122

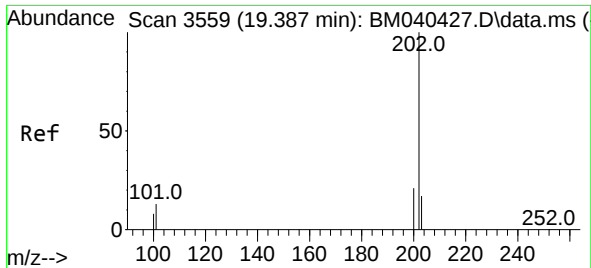
Delta R.T. -0.009 min

Lab File: BM040433.D

Acq: 29 Jun 2023 12:20

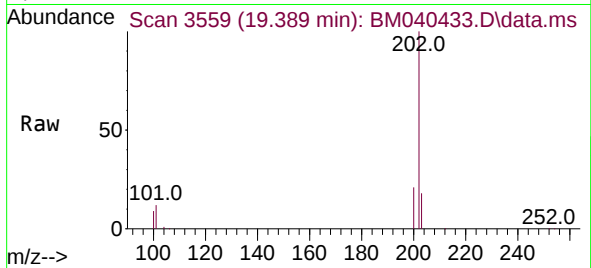
Tgt Ion:	178	Resp:	15186
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.9	19.3
176	20.7	15.8	23.6





#19
Fluoranthene
Concen: 2.586 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

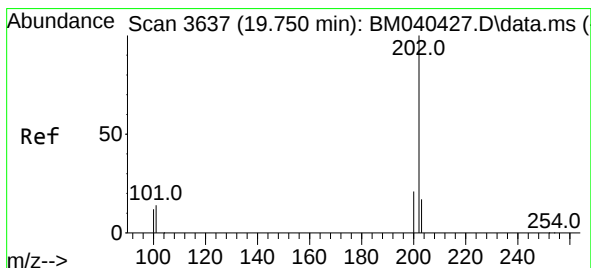
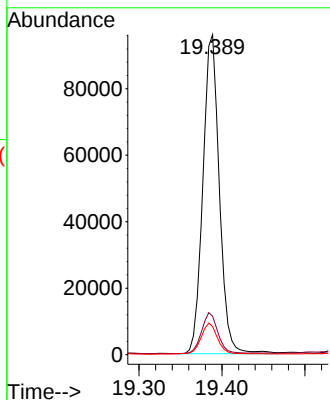
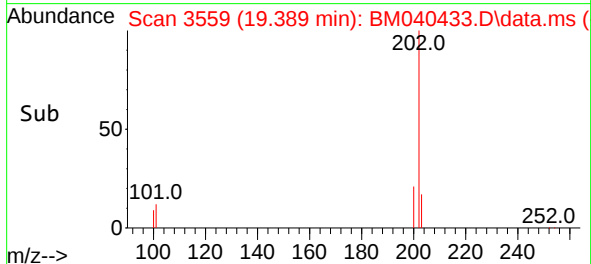
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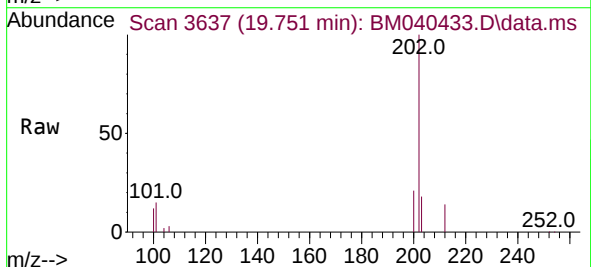
Tgt Ion:202 Resp: 132650
Ion Ratio Lower Upper
202 100
101 12.0 11.4 17.0
100 8.8 8.7 13.1

Manual Integrations
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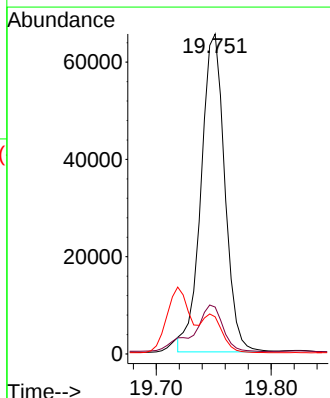
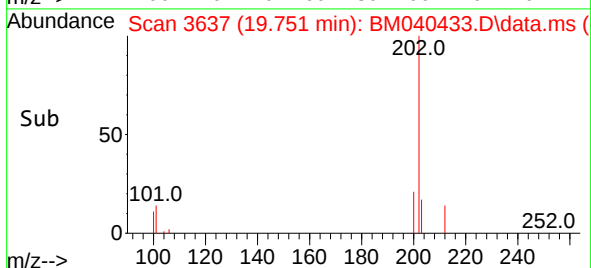
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Supervised By :mohammad ahmed 06/30/2023

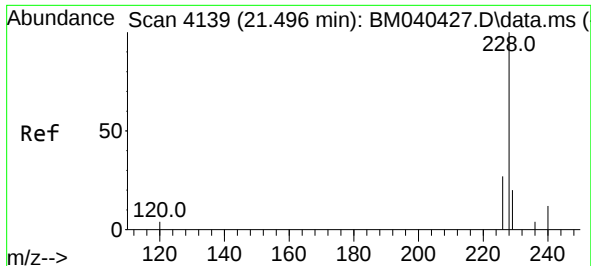


#20
Pyrene
Concen: 1.704 ng/ul m
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20



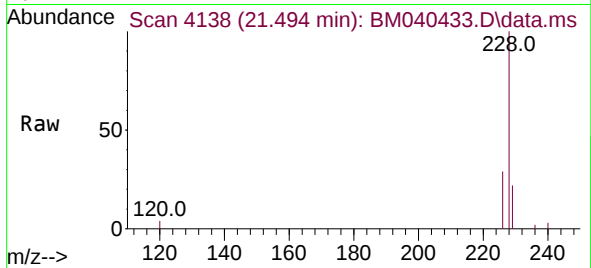
Tgt Ion:202 Resp: 93711
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.227 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

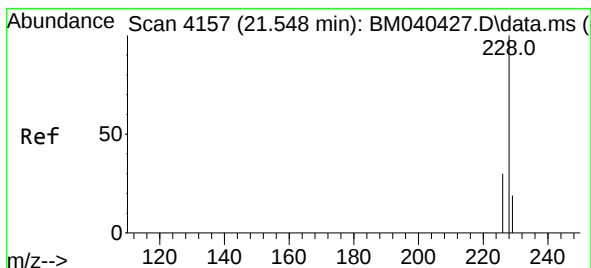
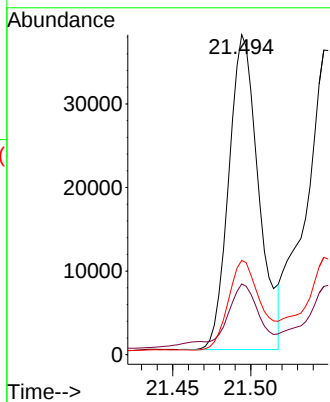
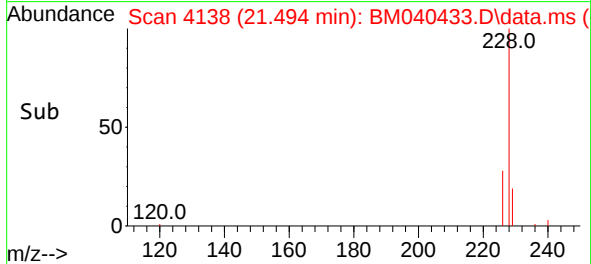
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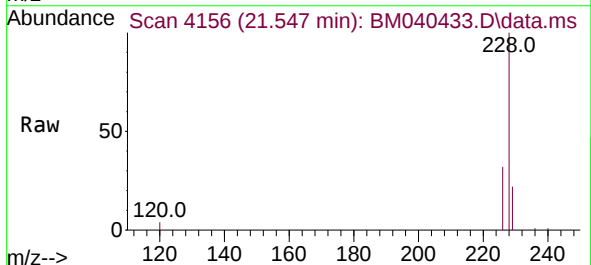
Tgt Ion:228 Resp: 50120
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.4 22.3 33.5

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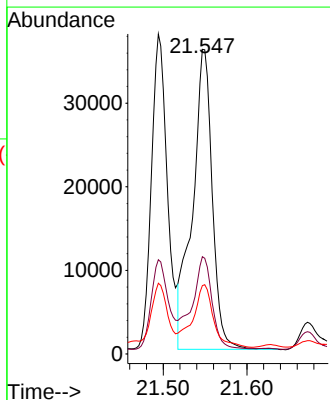
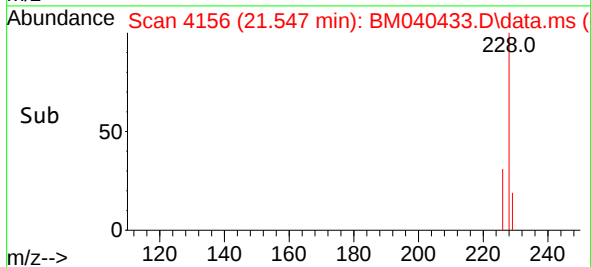
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

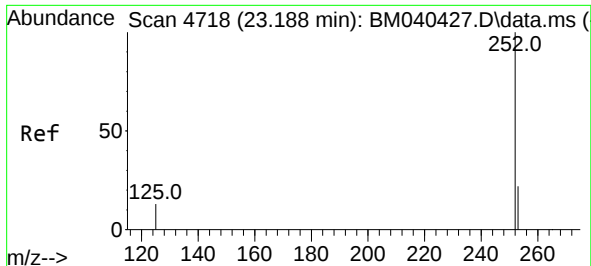


#22
Chrysene
Concen: 1.266 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20



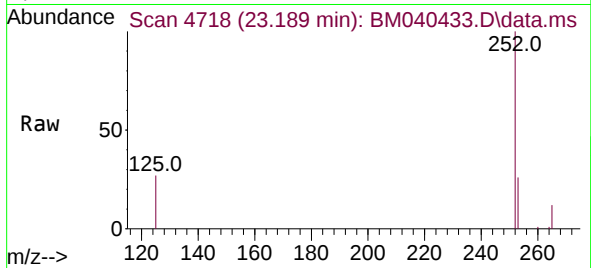
Tgt Ion:228 Resp: 59002
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.642 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

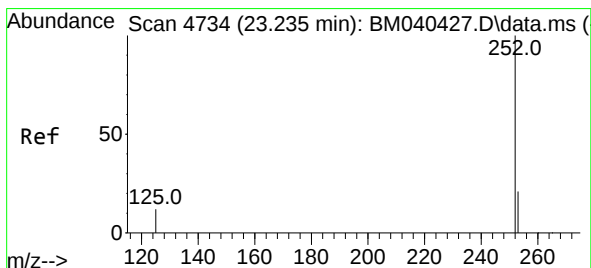
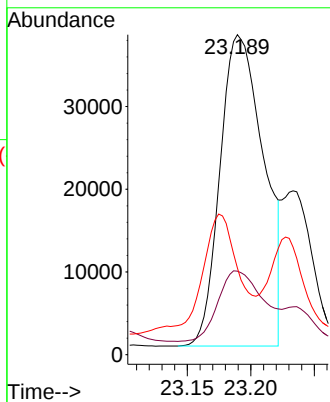
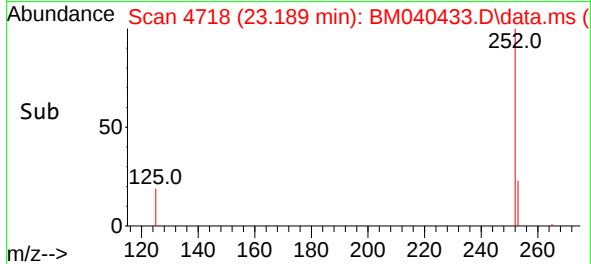
Instrument :
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ClientSampleId :
DCFU7



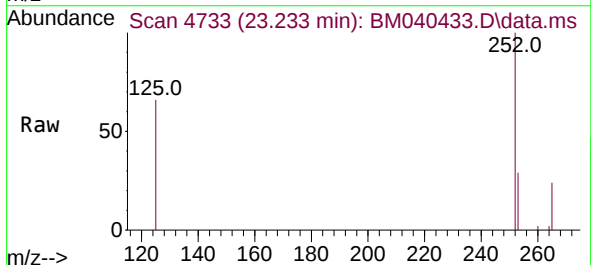
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Ion Ratio Lower Upper
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253 26.1 0.0 52.8
125 27.1 0.0 43.0

Manual Integrations
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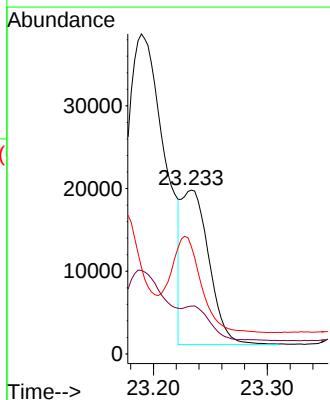
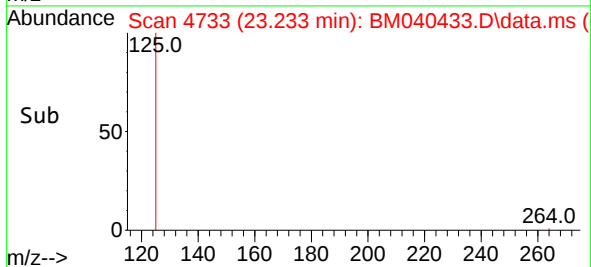
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

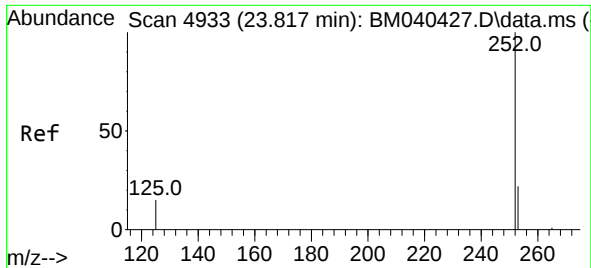


#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 23.233 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20



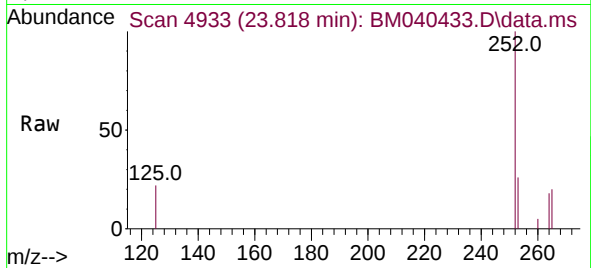
Tgt Ion:252 Resp: 31667
Ion Ratio Lower Upper
252 100
253 29.2 21.2 31.8
125 65.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 1.086 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

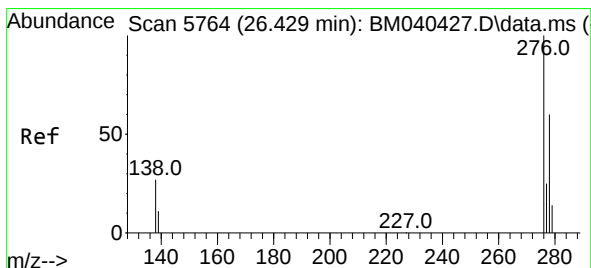
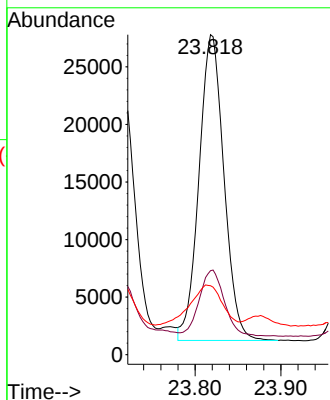
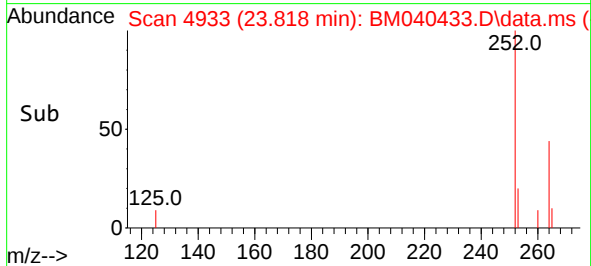
Instrument :
BNA_M
ClientSampleId :
DCFU7



Tgt Ion:252 Resp: 53660
Ion Ratio Lower Upper
252 100
253 26.3 22.9 34.3
125 21.6 21.0 31.4

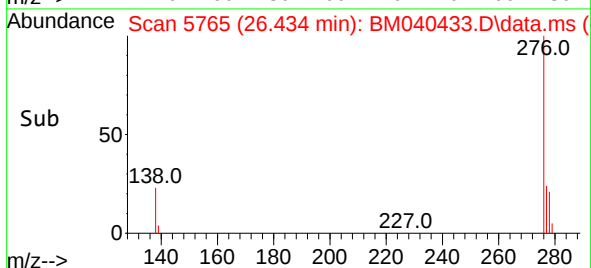
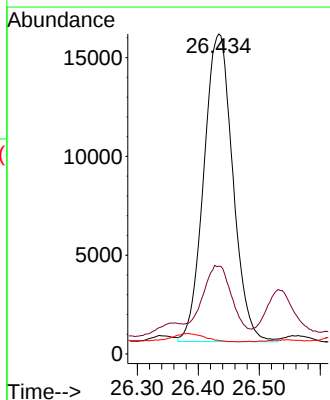
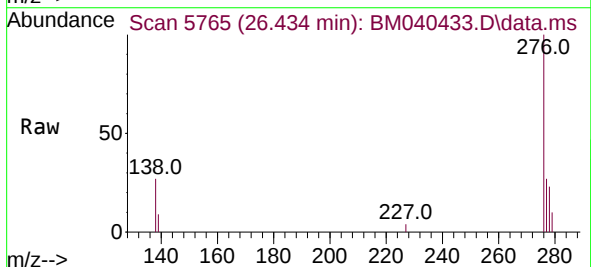
Manual Integrations
APPROVED

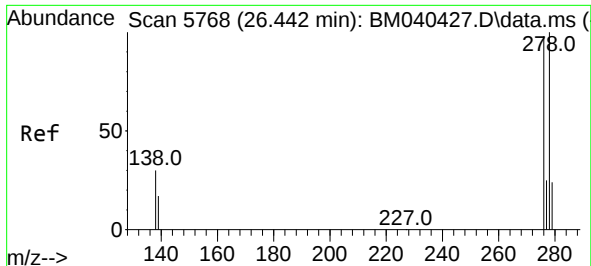
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.747 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.000 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

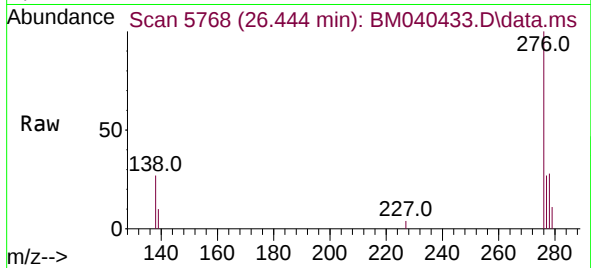
Tgt Ion:276 Resp: 51417
Ion Ratio Lower Upper
276 100
138 22.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.244 ng/ul
RT: 26.444 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

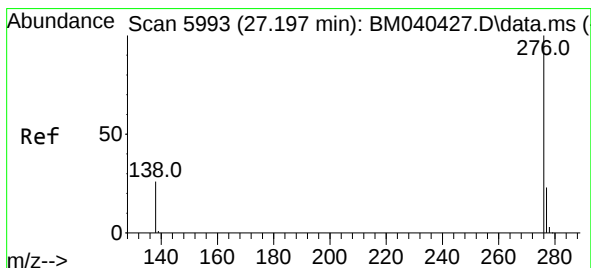
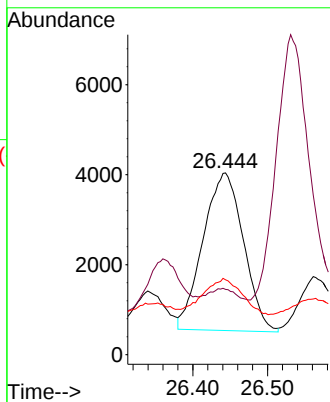
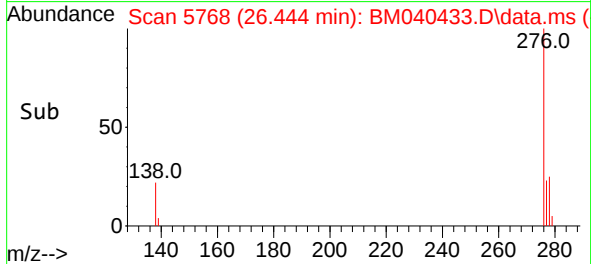
Instrument :
BNA_M
ClientSampleId :
DCFU7



Tgt Ion:278 Resp: 13164
Ion Ratio Lower Upper
278 100
139 36.0 17.9 26.9
279 41.2 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.816 ng/ul
RT: 27.212 min Scan# 5997
Delta R.T. 0.007 min
Lab File: BM040433.D
Acq: 29 Jun 2023 12:20

Tgt Ion:276 Resp: 49209
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.6
277 26.5 20.3 30.5

