

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041860.D
 Acq On : 14 Sep 2023 10:06
 Operator : MA/JU
 Sample : 04175-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYG5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 00:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	6566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	17437	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	21393	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	8273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.959	264	8786	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	12266	1.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3054	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	6056	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	1225	0.021	ng/ul#	70
7) 2-Methylnaphthalene	12.440	142	1268	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	908	0.025	ng/ul	97
10) Acenaphthylene	14.342	152	4539	0.078	ng/ul#	90
11) Acenaphthene	14.675	153	1129	0.025	ng/ul#	89
12) Fluorene	15.661	166	1528	0.029	ng/ul#	83
15) Phenanthrene	17.405	178	52632	0.564	ng/ul	99
16) Anthracene	17.497	178	11149	0.137	ng/ul#	92
19) Fluoranthene	19.417	202	81439	1.271	ng/ul	98
20) Pyrene	19.784	202	70515	1.051	ng/ul	99
21) Benzo(a)anthracene	21.521	228	20602	0.377	ng/ul#	73
22) Chrysene	21.574	228	38831m	0.695	ng/ul	
24) Benzo(b)fluoranthene	23.213	252	36667	0.587	ng/ul#	32
25) Benzo(k)fluoranthene	23.260	252	13700m	0.238	ng/ul	
26) Benzo(a)pyrene	23.851	252	26614	0.558	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.468	276	31964	0.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.461	278	9793	0.181	ng/ul#	1
29) Benzo(g,h,i)perylene	27.256	276	64937	1.047	ng/ul#	81

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

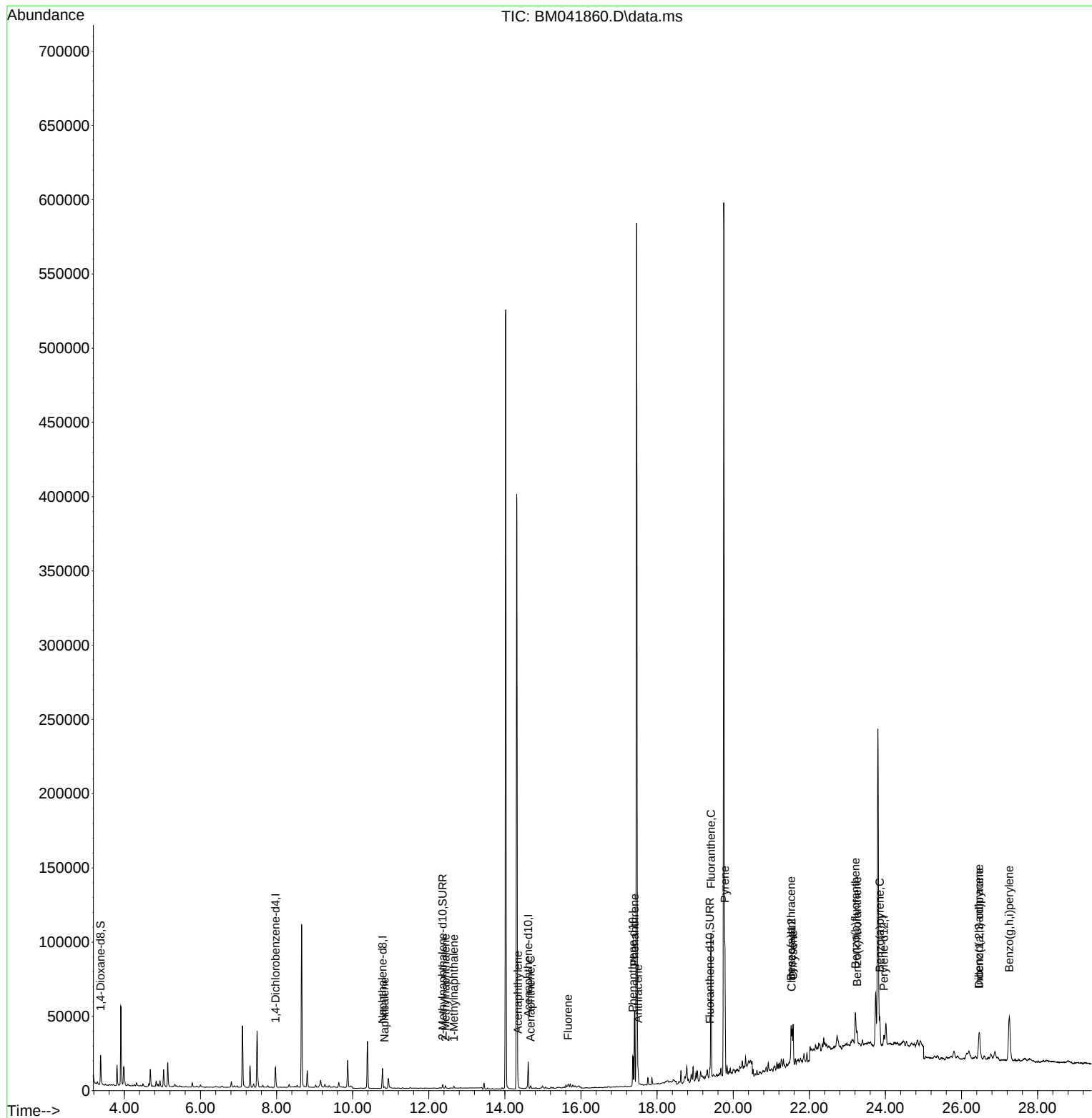
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041860.D
Acq On : 14 Sep 2023 10:06
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ALS Vial : 37 Sample Multiplier: 1

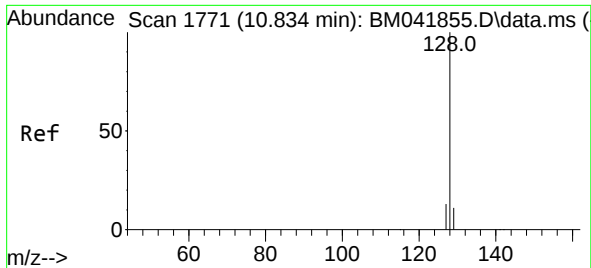
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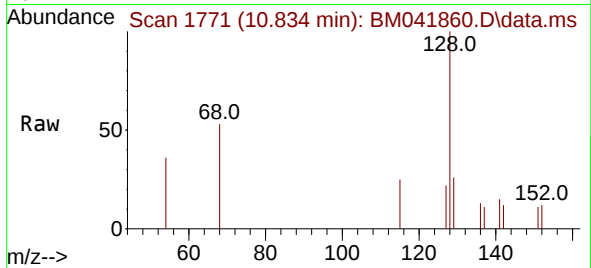
Quant Time: Sep 15 00:28:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

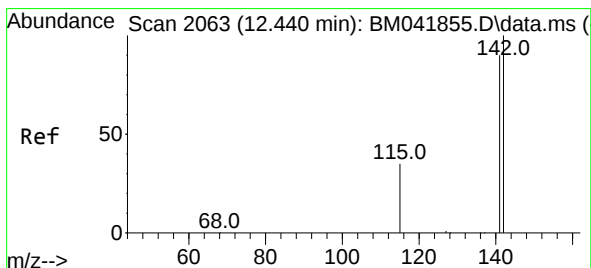
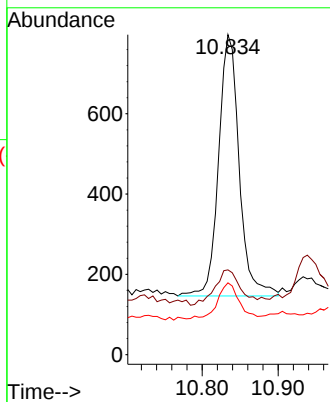
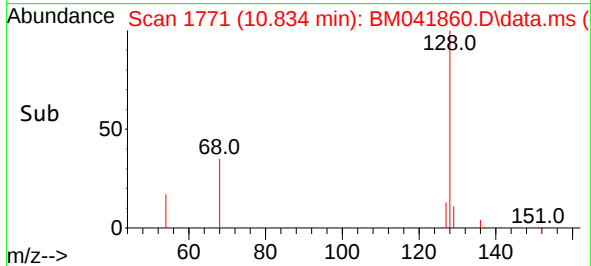
Instrument :
BNA_M
ClientSampleId :
EZYG5



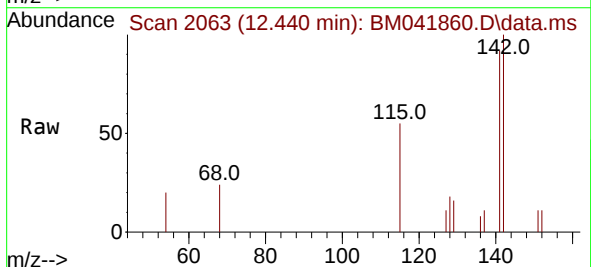
Tgt Ion:128 Resp: 1225
Ion Ratio Lower Upper
128 100
129 26.5 9.5 14.3
127 22.5 10.7 16.1

Manual Integrations
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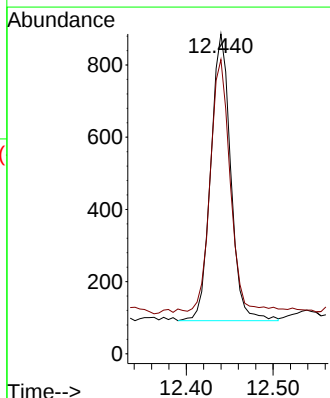
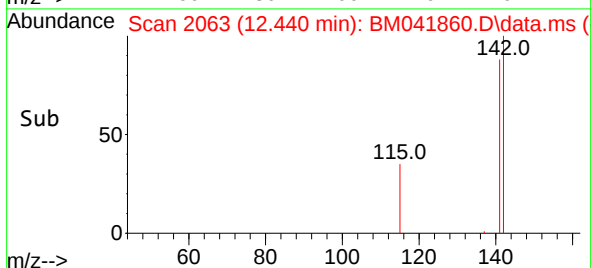
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

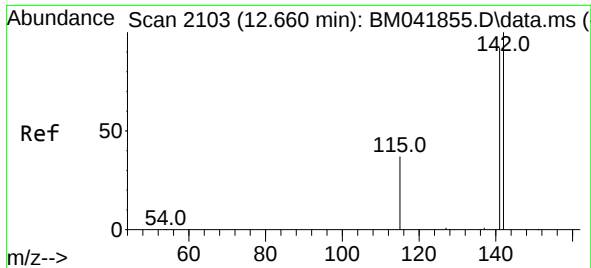


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06



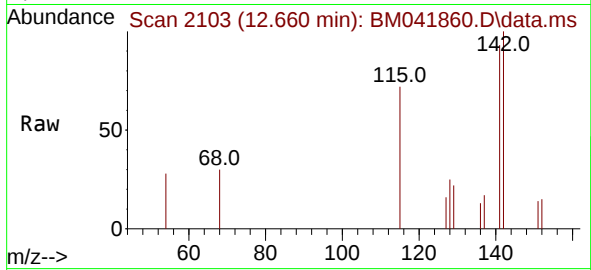
Tgt Ion:142 Resp: 1268
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.660 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

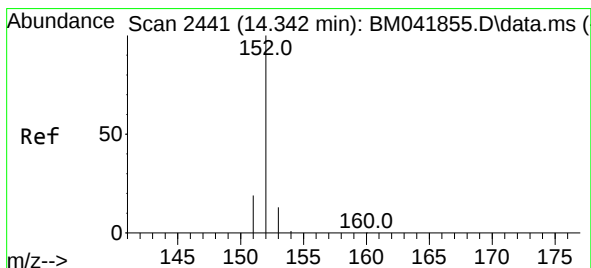
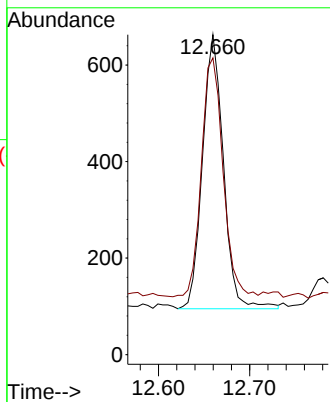
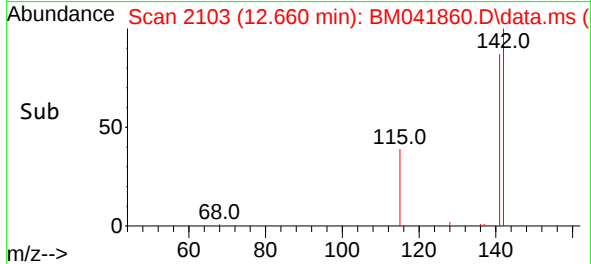
Instrument :
BNA_M
ClientSampleId :
EZYG5



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Ion Ratio Lower Upper
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141 89.9 74.3 111.5

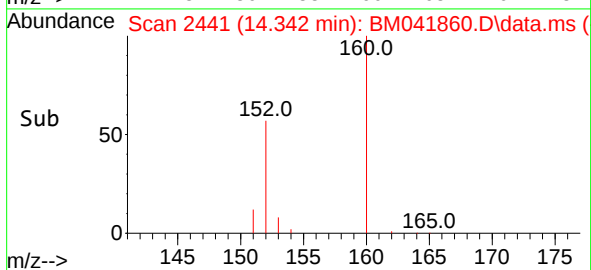
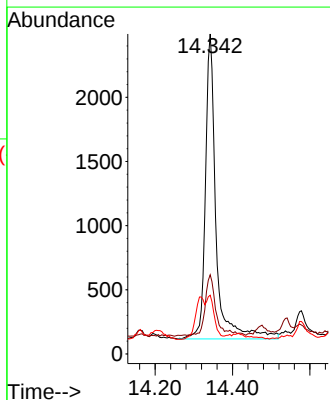
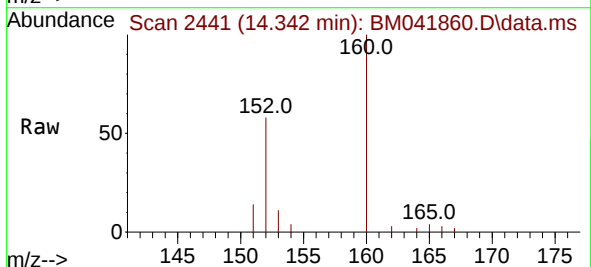
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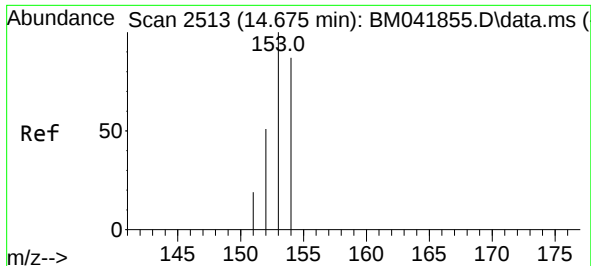
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

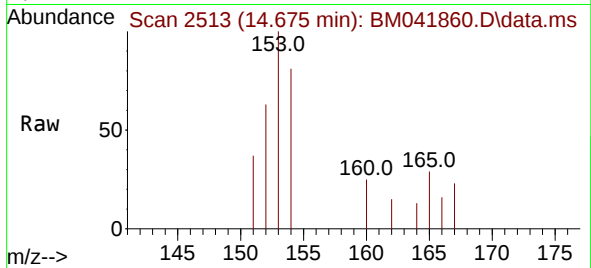
Tgt Ion:152 Resp: 4539
Ion Ratio Lower Upper
152 100
151 24.7 16.3 24.5#
153 18.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

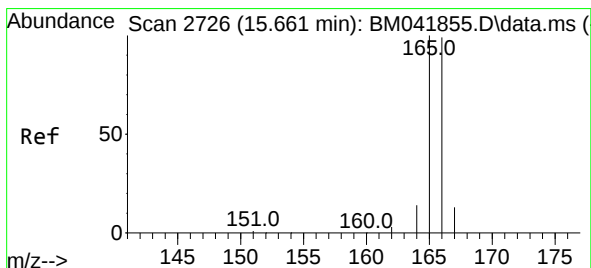
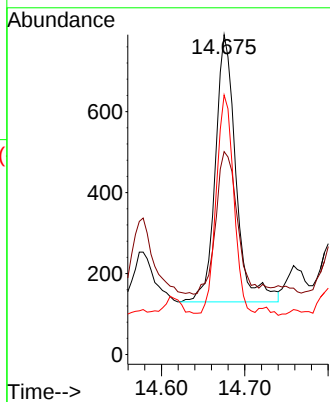
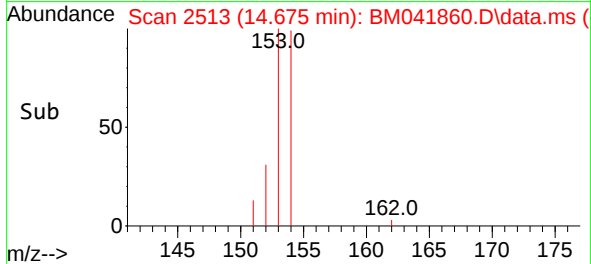
Instrument :
BNA_M
ClientSampleId :
EZYG5



Tgt Ion:153 Resp: 1129
Ion Ratio Lower Upper
153 100
152 63.4 41.5 62.3
154 81.1 70.7 106.1

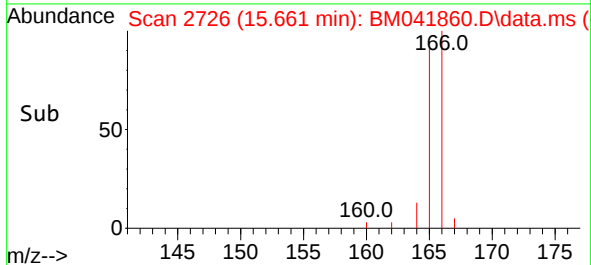
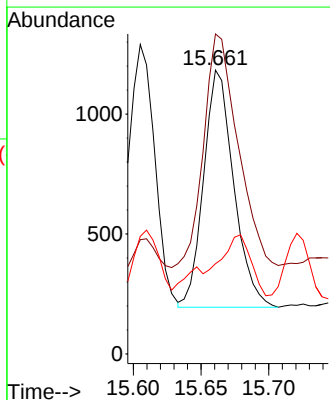
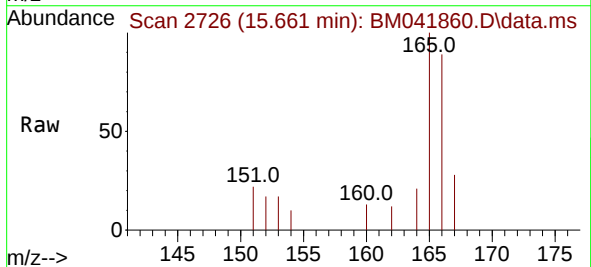
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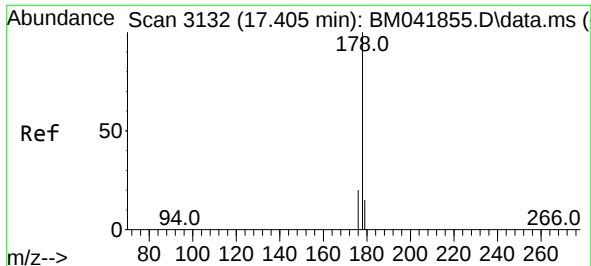
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
Fluorene
Concen: 0.029 ng/u1
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

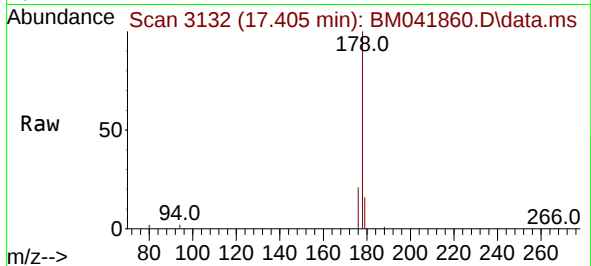
Tgt Ion:166 Resp: 1528
Ion Ratio Lower Upper
166 100
165 112.8 79.3 118.9
167 31.8 11.2 16.8





#15
Phenanthrene
Concen: 0.564 ng/ul
RT: 17.405 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

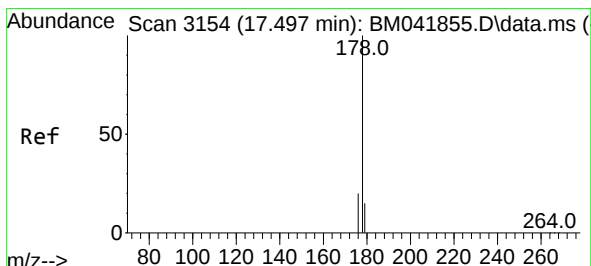
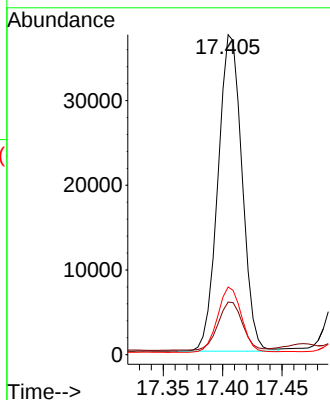
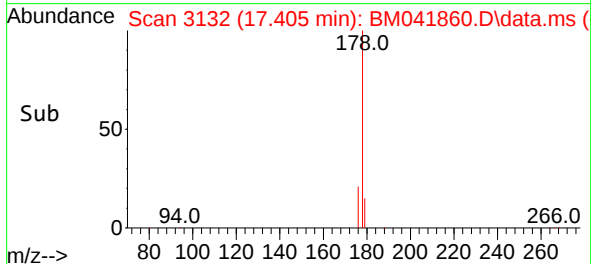
Instrument :
BNA_M
ClientSampleId :
EZYG5



Tgt Ion:178 Resp: 52632
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 21.2 16.6 25.0

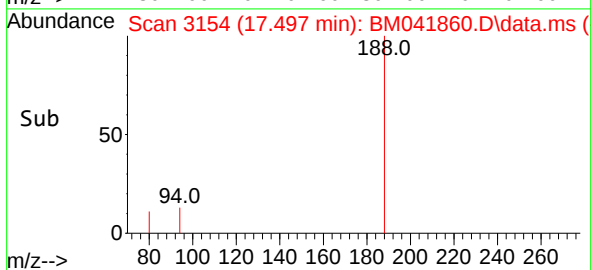
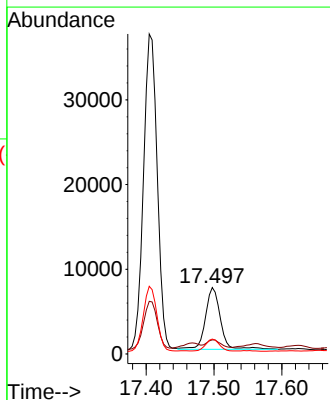
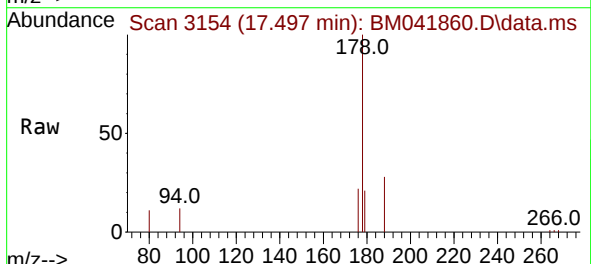
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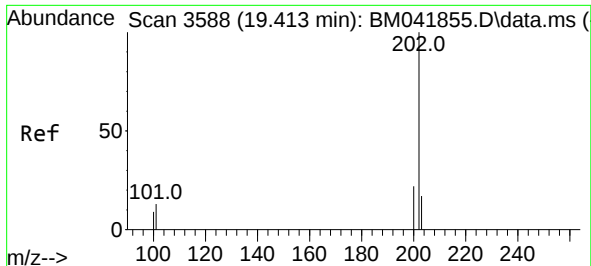
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
Anthracene
Concen: 0.137 ng/ul
RT: 17.497 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

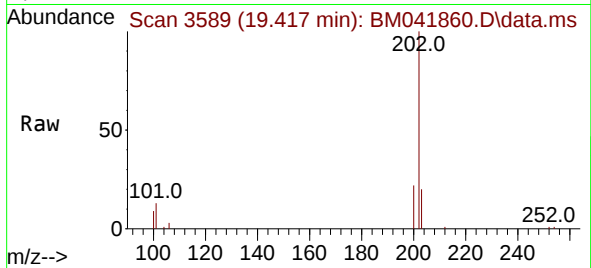
Tgt Ion:178 Resp: 11149
Ion Ratio Lower Upper
178 100
179 21.2 12.7 19.1#
176 22.4 16.1 24.1





#19
Fluoranthene
Concen: 1.271 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

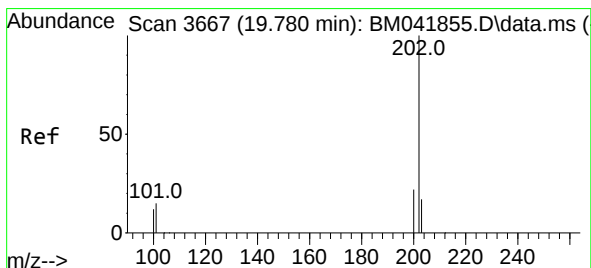
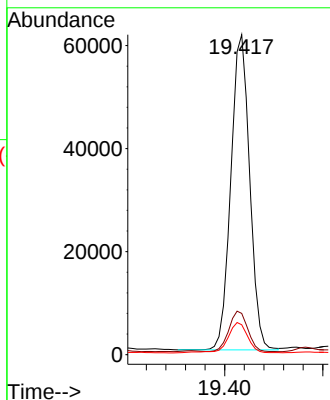
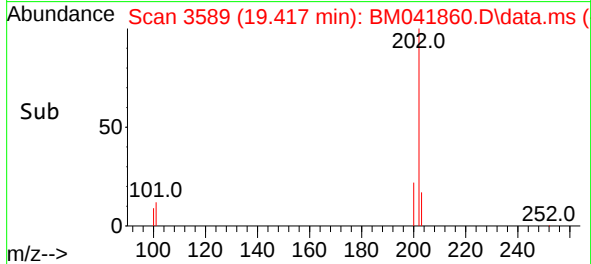
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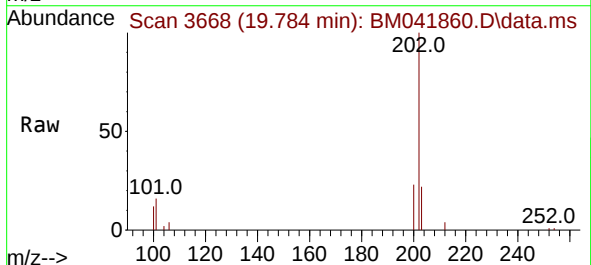
Tgt Ion:202 Resp: 81439
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.6
100 9.4 8.2 12.4

Manual Integrations
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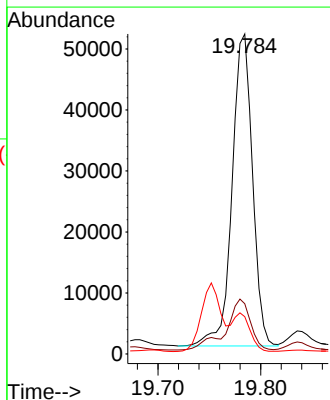
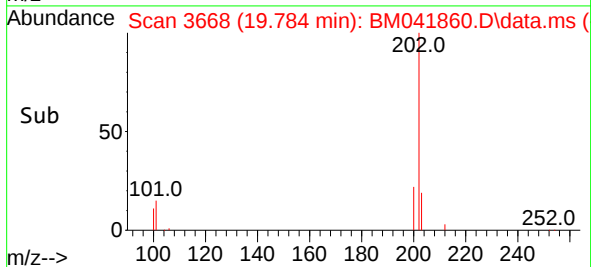
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

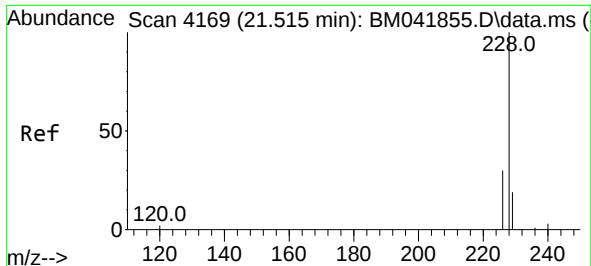


#20
Pyrene
Concen: 1.051 ng/ul
RT: 19.784 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06



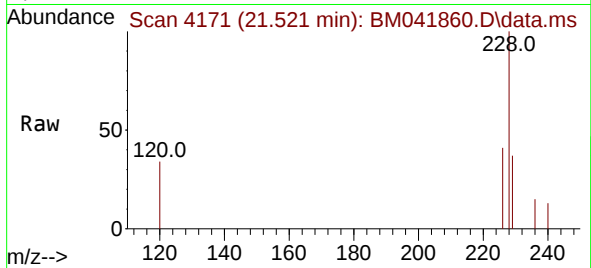
Tgt Ion:202 Resp: 70515
Ion Ratio Lower Upper
202 100
101 15.7 12.6 19.0
100 11.6 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

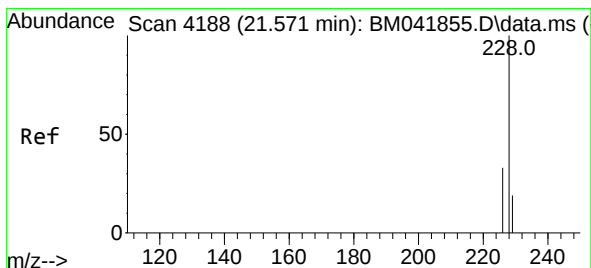
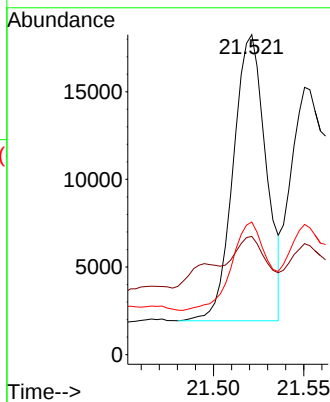
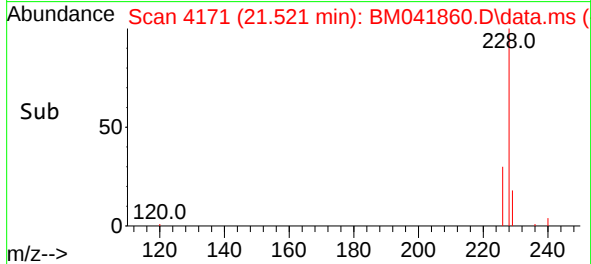
Instrument :
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ClientSampleId :
EZYG5



Tgt Ion:228 Resp: 20602
Ion Ratio Lower Upper
228 100
229 37.0 15.8 23.8#
226 41.4 24.3 36.5#

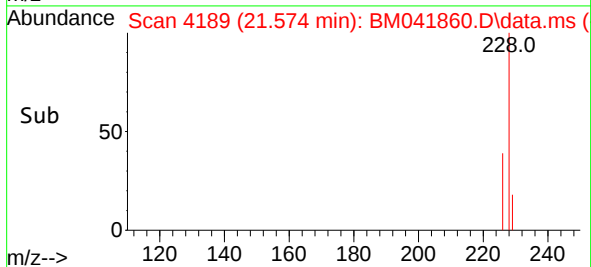
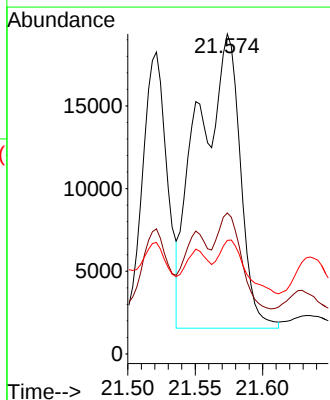
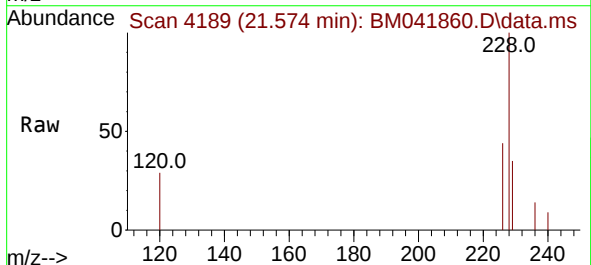
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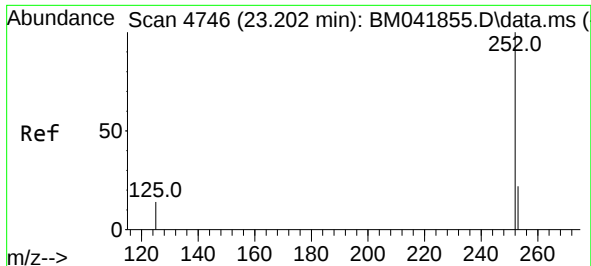
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#22
Chrysene
Concen: 0.695 ng/ul m
RT: 21.574 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

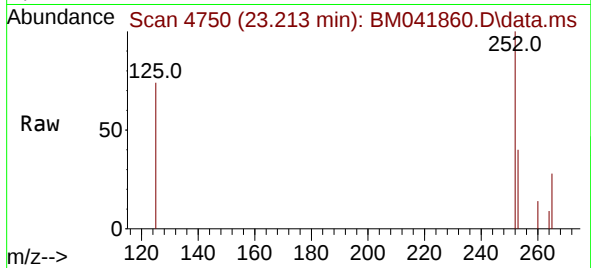
Tgt Ion:228 Resp: 38831
Ion Ratio Lower Upper
228 100
226 44.0 27.0 40.4#
229 35.5 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.587 ng/ul
RT: 23.213 min Scan# 4750
Delta R.T. 0.006 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

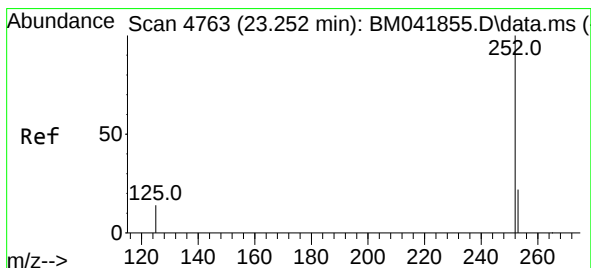
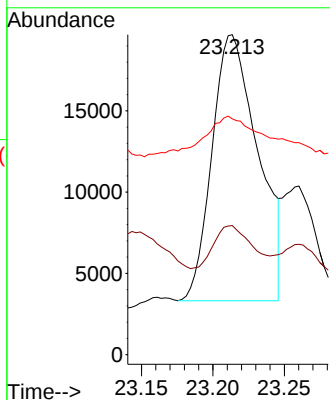
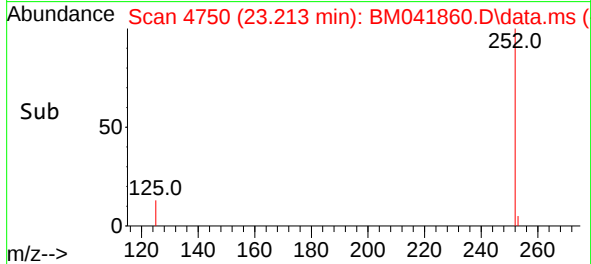
Instrument :
BNA_M
ClientSampleId :
EZYG5



Tgt Ion:252 Resp: 3666
Ion Ratio Lower Upper
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253 40.3 0.0 51.0
125 73.7 0.0 39.8

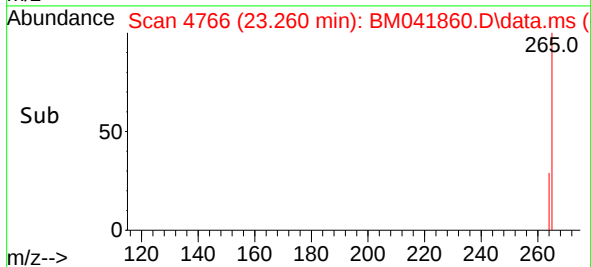
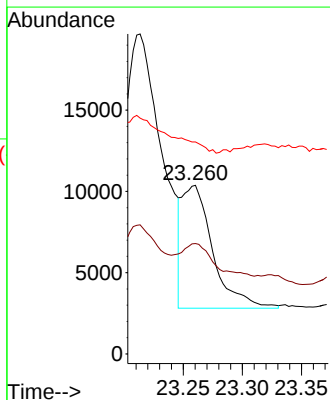
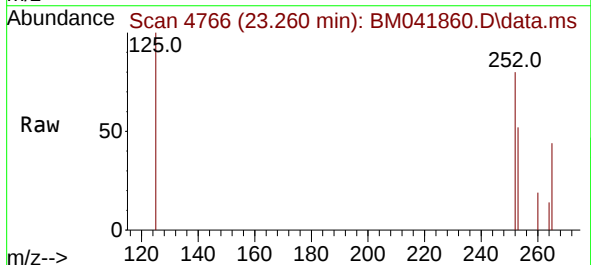
Manual Integrations
APPROVED

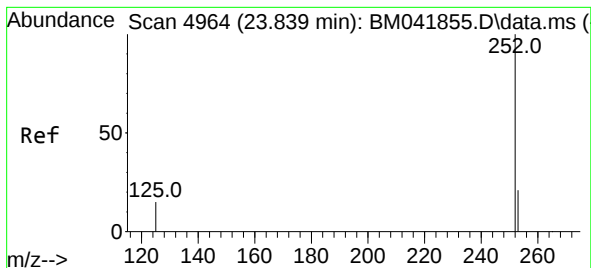
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#25
Benzo(k)fluoranthene
Concen: 0.238 ng/ul m
RT: 23.260 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BM041860.D
Acq: 14 Sep 2023 10:06

Tgt Ion:252 Resp: 13700
Ion Ratio Lower Upper
252 100
253 65.5 20.2 30.2#
125 125.7 15.8 23.8#





#26

Benzo(a)pyrene

Concen: 0.558 ng/ul

RT: 23.851 min Scan# 4964

Delta R.T. 0.006 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNA_M

ClientSampleId :

EZYG5

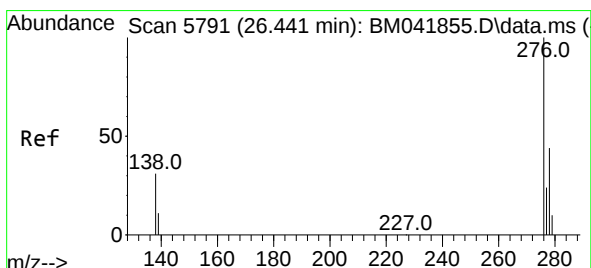
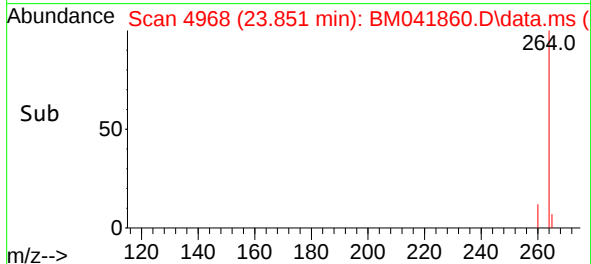
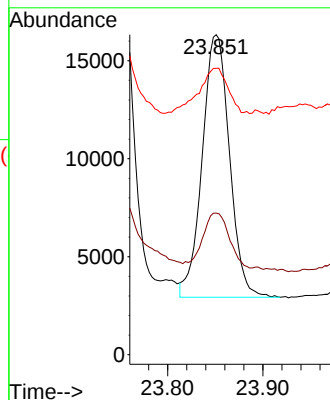
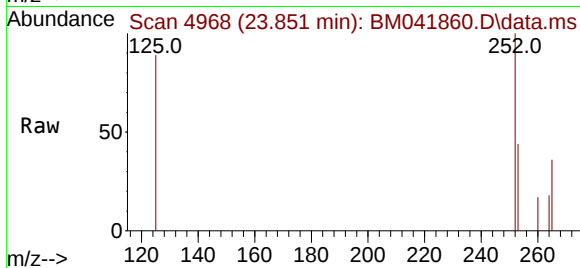
Tgt Ion:	252	Resp:	26614
Ion Ratio	Lower	Upper	
252	100		
253	44.2	21.8	32.8
125	89.5	18.8	28.2

Manual Integrations

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Supervised By :mohammad ahmed 09/15/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.436 ng/ul

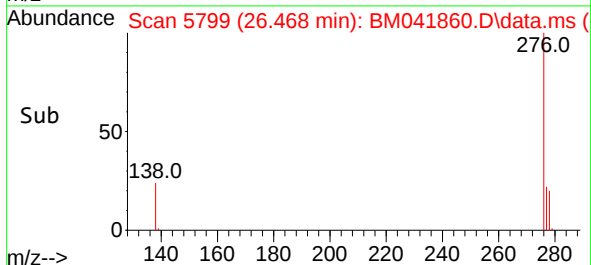
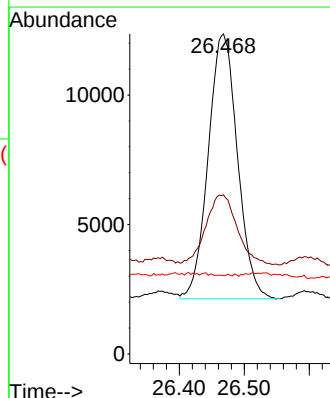
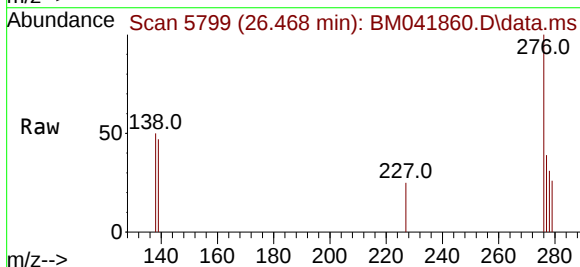
RT: 26.468 min Scan# 5799

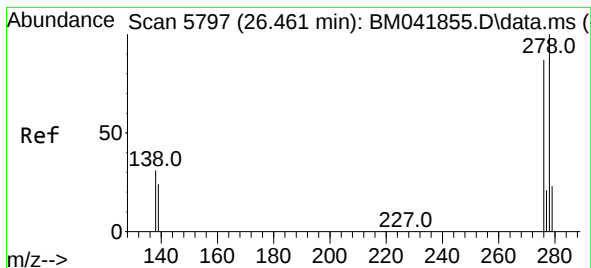
Delta R.T. 0.013 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Tgt Ion:	276	Resp:	31964
Ion Ratio	Lower	Upper	
276	100		
138	28.9	27.7	41.5
227	0.0	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.181 ng/ul

RT: 26.461 min Scan# 5797

Delta R.T. -0.014 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Instrument :

BNM

ClientSampleId :

EZY5

Tgt Ion:278 Resp: 979

Ion Ratio Lower Upper

278 100

139 149.9 20.9 31.3

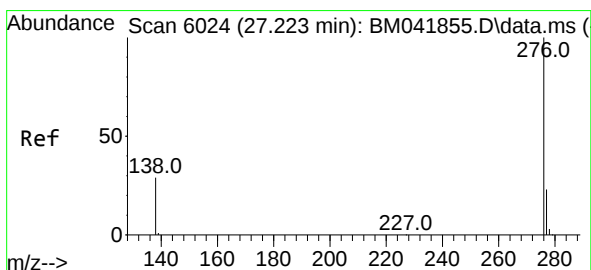
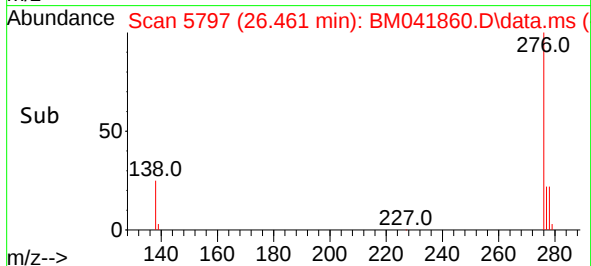
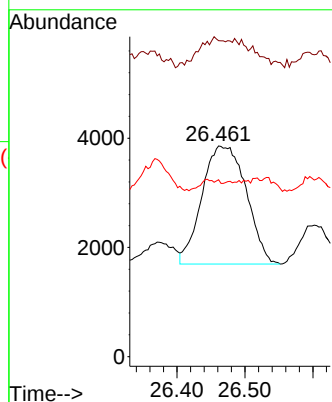
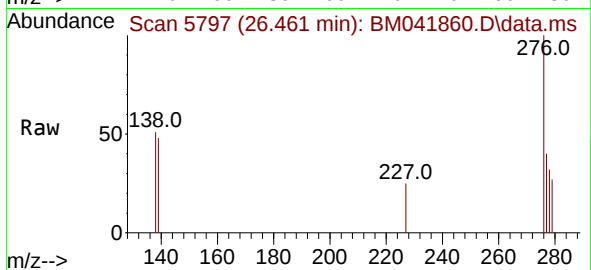
279 84.0 20.3 30.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/15/2023

Supervised By :mohammad ahmed 09/15/2023



#29

Benzo(g,h,i)perylene

Concen: 1.047 ng/ul

RT: 27.256 min Scan# 6034

Delta R.T. 0.020 min

Lab File: BM041860.D

Acq: 14 Sep 2023 10:06

Tgt Ion:276 Resp: 64937

Ion Ratio Lower Upper

276 100

138 41.4 24.7 37.1#

277 33.0 19.3 28.9#

