

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040463.D
 Acq On : 30 Jun 2023 09:39
 Operator : MA/JU
 Sample : 03239-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFY1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:24:59 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	6428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	23180	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	10907	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	21443	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	12443	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	14787	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	25639	2.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	5865	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	9153	0.229	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.795	128	12557	0.196	ng/ul#	96
7) 2-Methylnaphthalene	12.406	142	8247	0.220	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	5727	0.153	ng/ul	100
10) Acenaphthylene	14.300	152	20326	0.417	ng/ul	98
11) Acenaphthene	14.642	153	3039	0.074	ng/ul	95
12) Fluorene	15.627	166	4154	0.095	ng/ul#	97
15) Phenanthrene	17.366	178	136141	2.044	ng/ul	99
16) Anthracene	17.459	178	51051	0.912	ng/ul	99
19) Fluoranthene	19.384	202	1334365	25.246	ng/ul#	94
20) Pyrene	19.747	202	1086561	19.175	ng/ul	96
21) Benzo(a)anthracene	21.491	228	697178	16.565	ng/ul	99
22) Chrysene	21.544	228	593990	12.372	ng/ul	97
24) Benzo(b)fluoranthene	23.187	252	901222	15.749	ng/ul	88
25) Benzo(k)fluoranthene	23.228	252	342064m	6.065	ng/ul	
26) Benzo(a)pyrene	23.815	252	467609	9.071	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	376080	5.239	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.427	278	100468	1.787	ng/ul	97
29) Benzo(g,h,i)perylene	27.198	276	49799	0.791	ng/ul	98

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

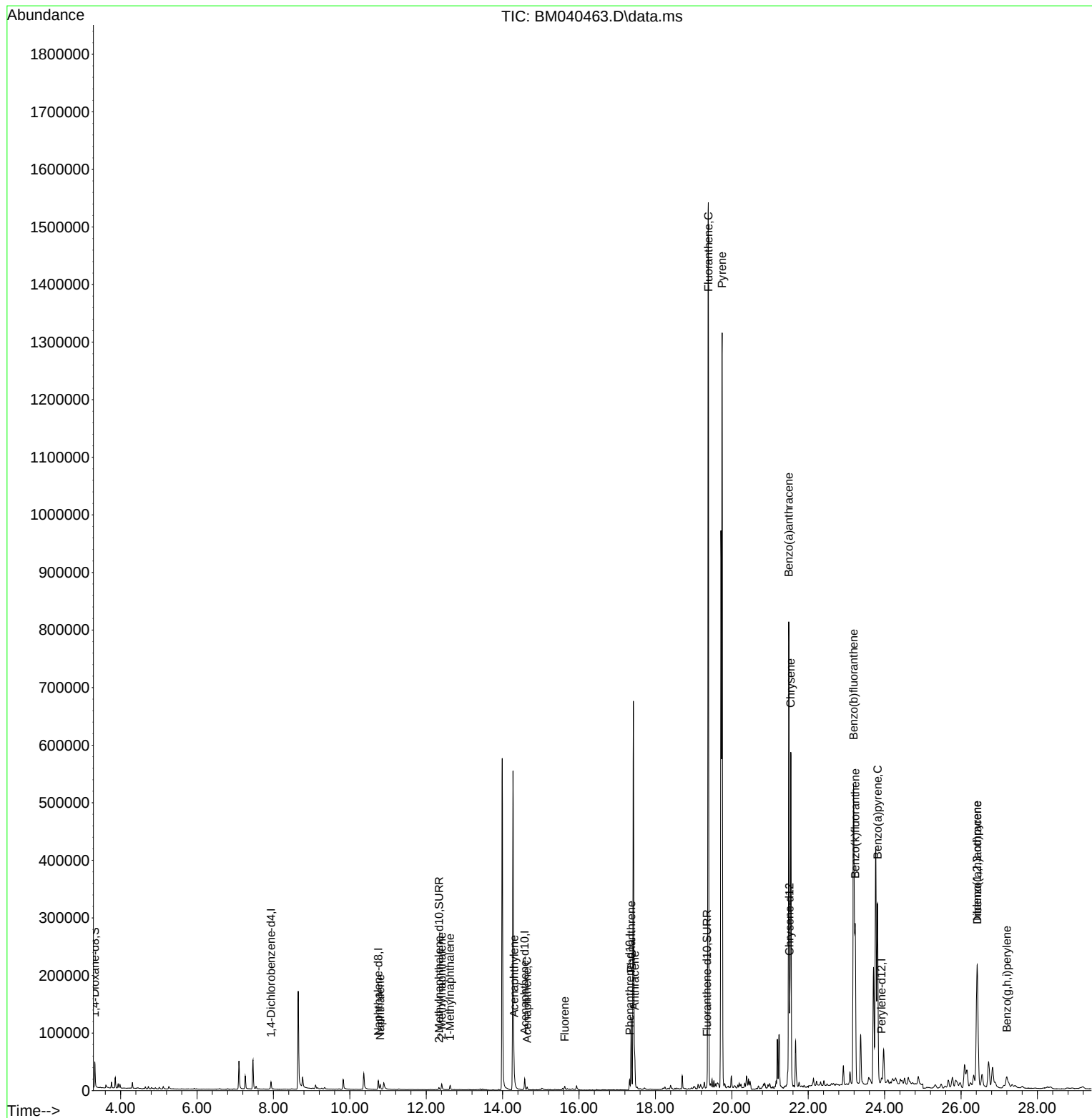
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040463.D
Acq On : 30 Jun 2023 09:39
Operator : MA/JU
Sample : 03239-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

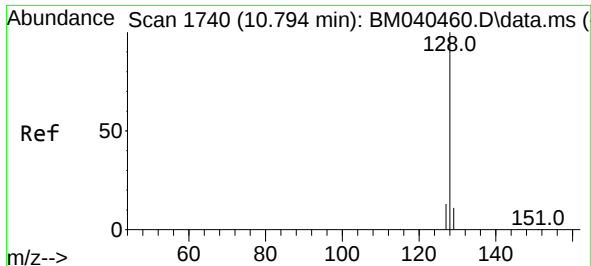
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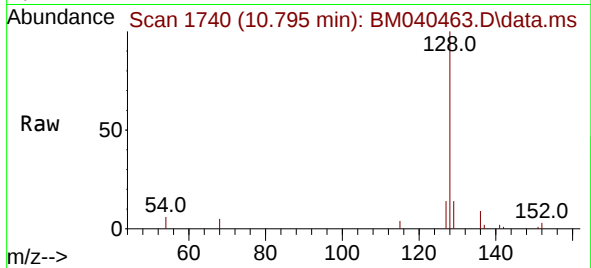
Quant Time: Jul 01 03:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

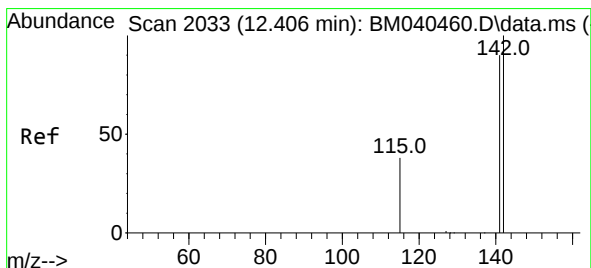
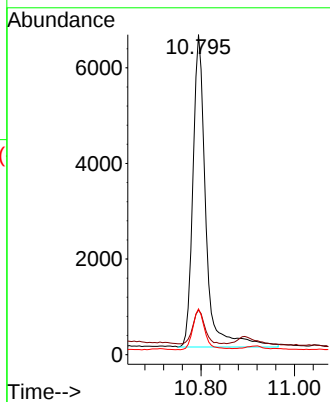
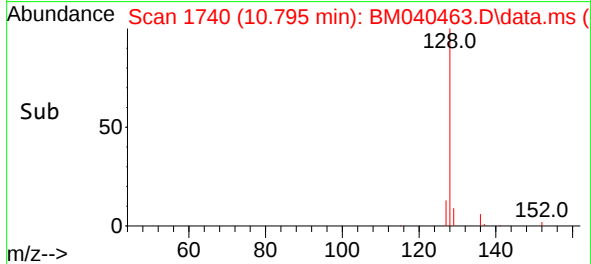
Instrument :
BNA_M
ClientSampleId :
DCFY1



Tgt Ion:128 Resp: 1255
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 14.3 10.6 15.8

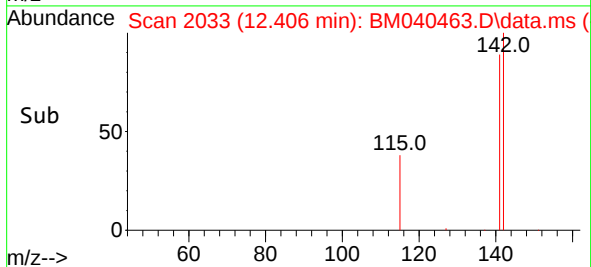
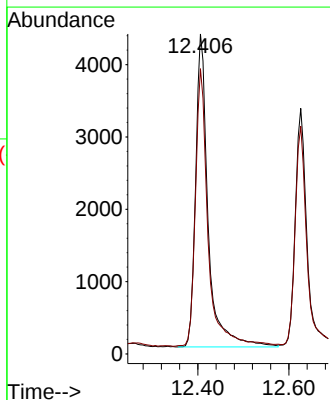
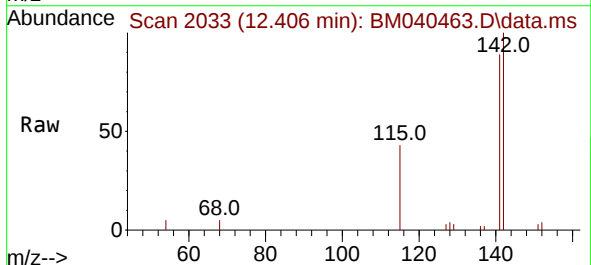
Manual Integrations
APPROVED

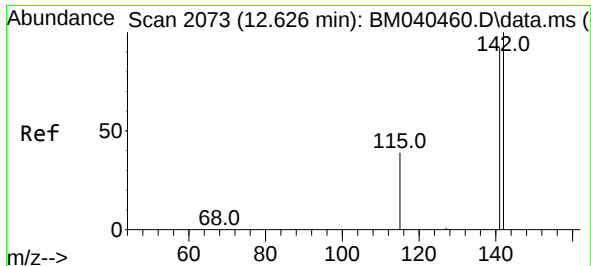
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

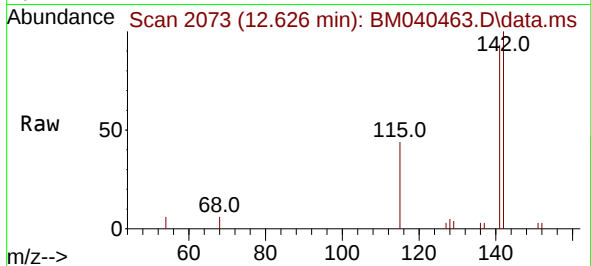
Tgt Ion:142 Resp: 8247
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

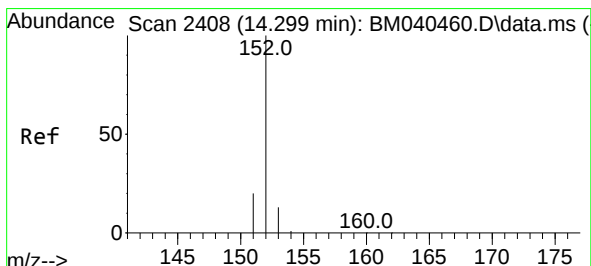
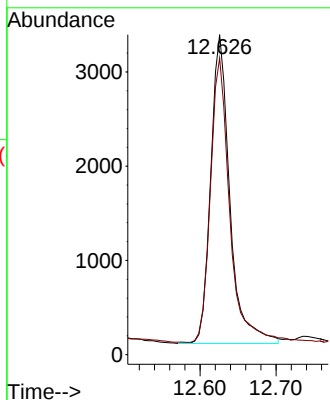
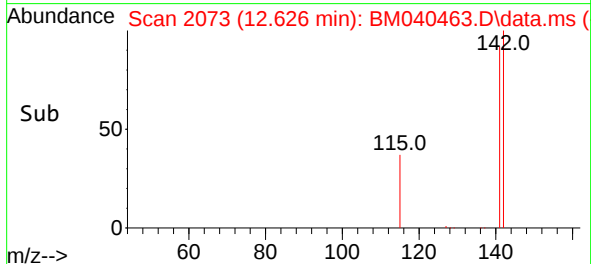
Instrument :
BNA_M
ClientSampleId :
DCFY1



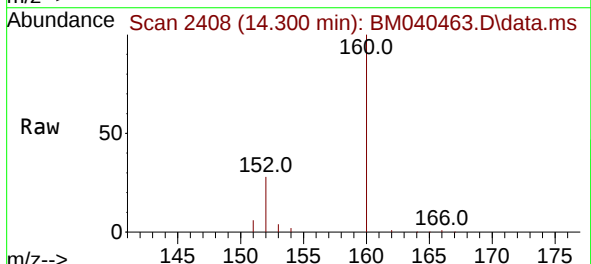
Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
141 91.9 73.7 110.5

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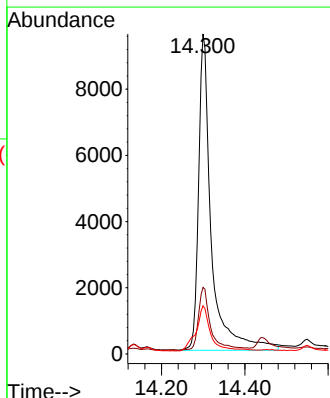
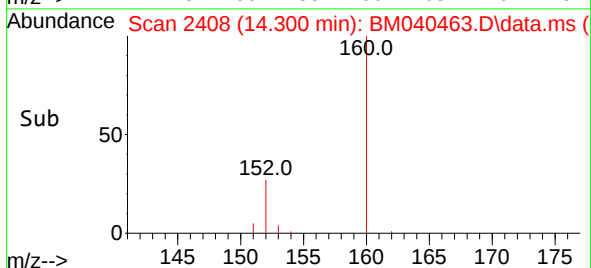
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

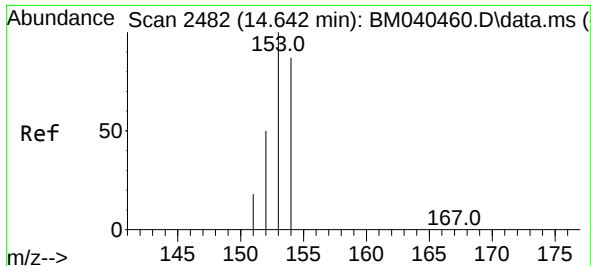


#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39



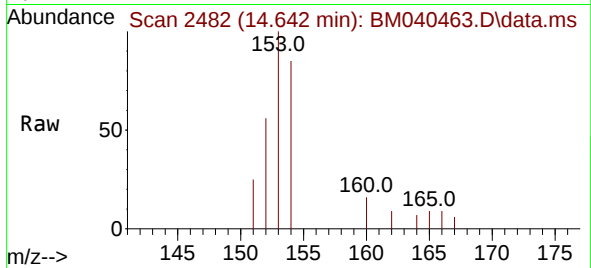
Tgt Ion:152 Resp: 20326
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.074 ng/u1
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

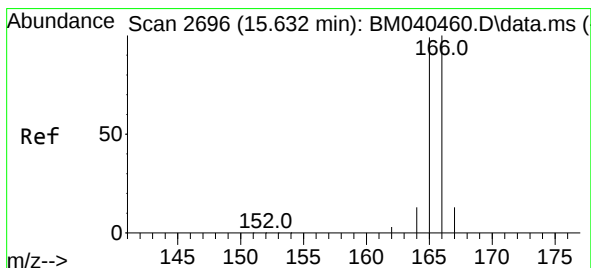
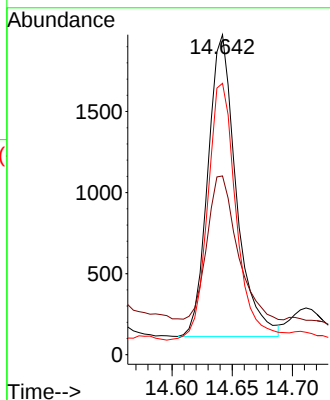
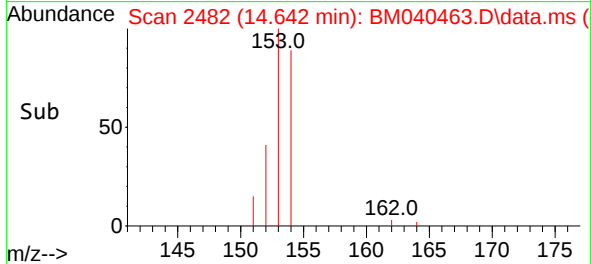
Instrument :
BNA_M
ClientSampleId :
DCFY1



Tgt Ion:153 Resp: 3039
Ion Ratio Lower Upper
153 100
152 55.9 41.0 61.4
154 84.8 70.8 106.2

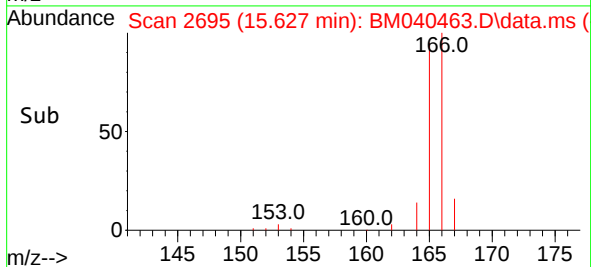
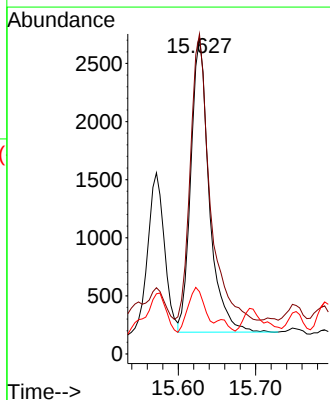
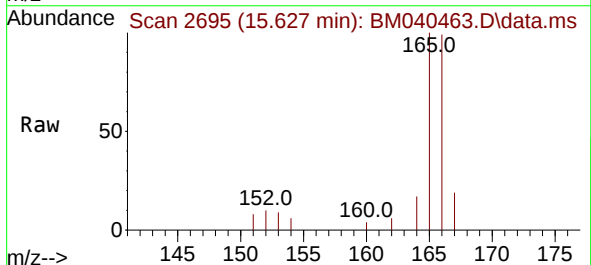
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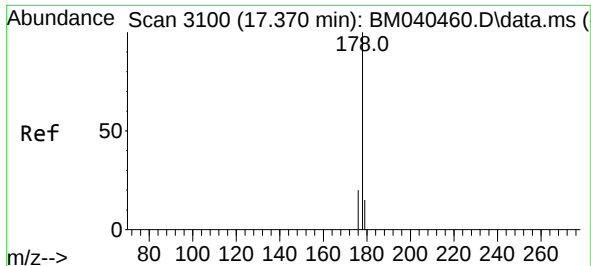
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

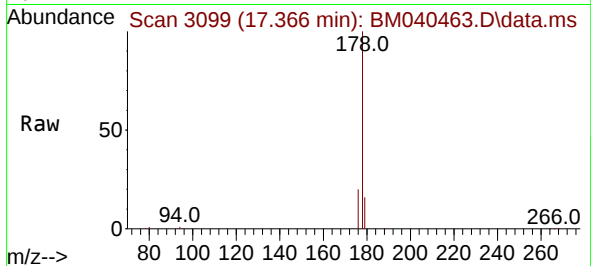
Tgt Ion:166 Resp: 4154
Ion Ratio Lower Upper
166 100
165 101.3 79.6 119.4
167 19.7 11.4 17.0#





#15
Phenanthrene
Concen: 2.044 ng/u1
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

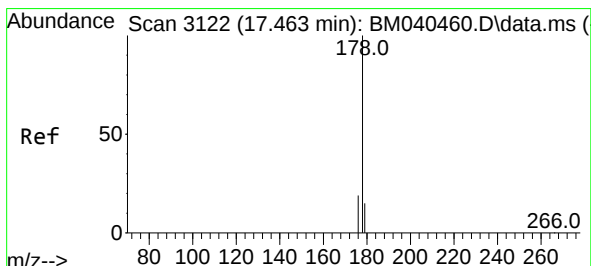
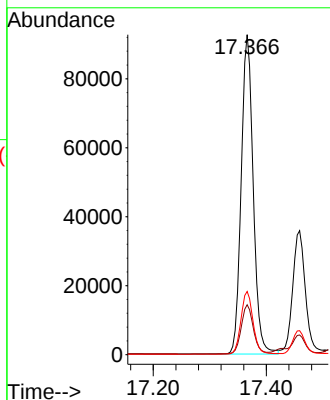
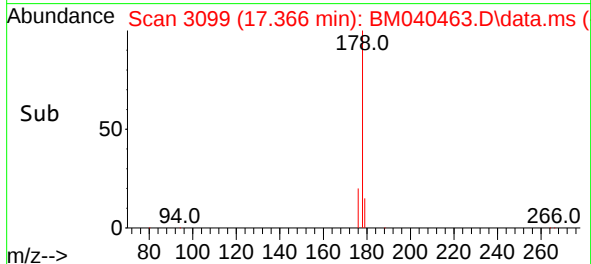
Instrument :
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ClientSampleId :
DCFY1



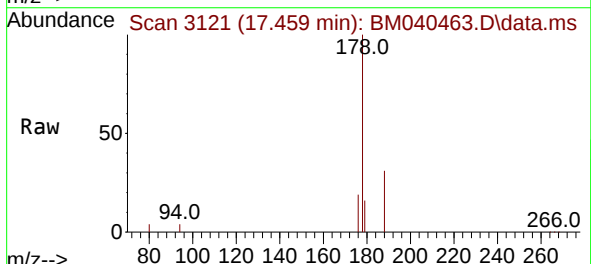
Tgt Ion:178 Resp: 13614
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6

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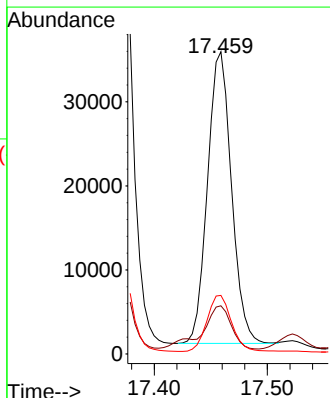
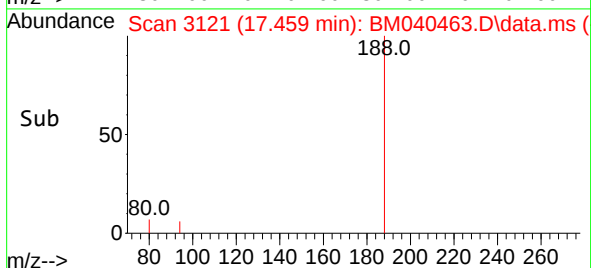
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

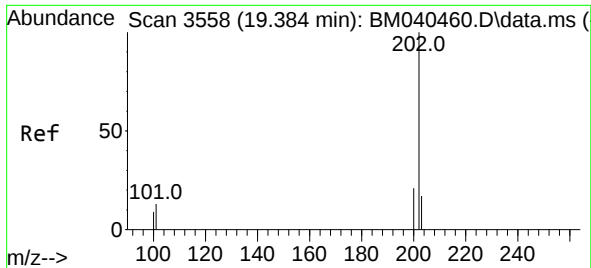


#16
Anthracene
Concen: 0.912 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39



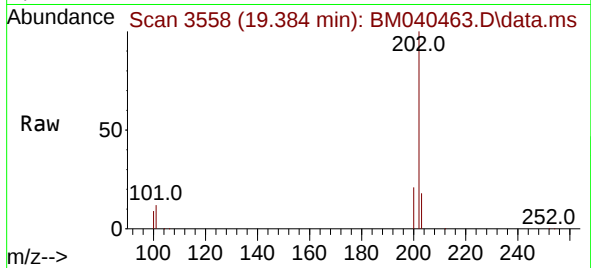
Tgt Ion:178 Resp: 51051
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.4 15.8 23.6





#19
Fluoranthene
Concen: 25.246 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

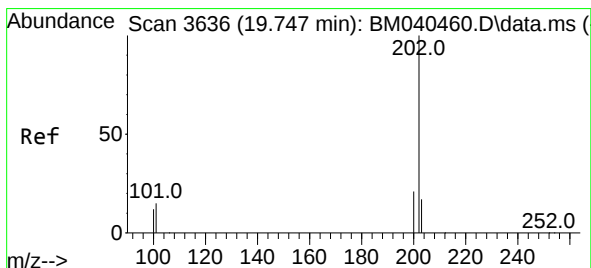
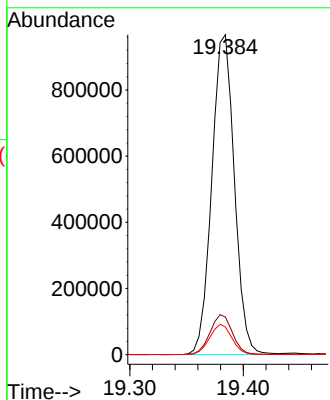
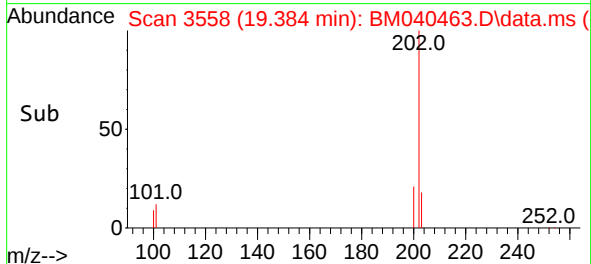
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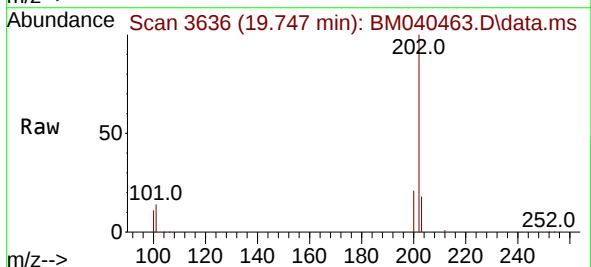
Tgt Ion:202 Resp: 133436
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 8.6 8.7 13.1

Manual Integrations
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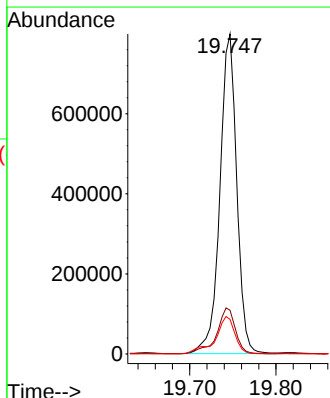
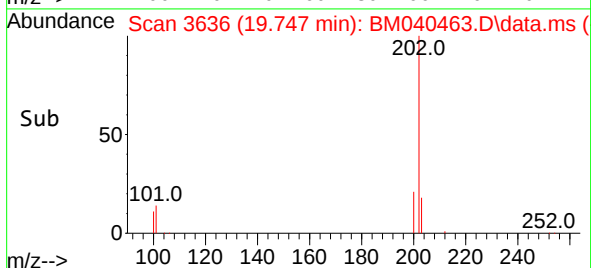
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

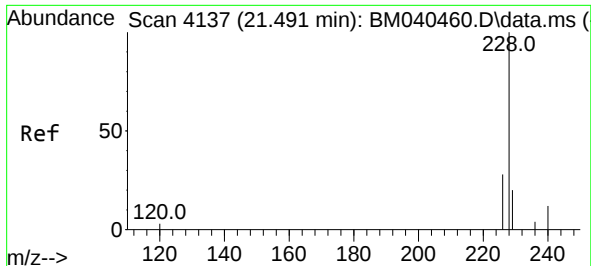


#20
Pyrene
Concen: 19.175 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39



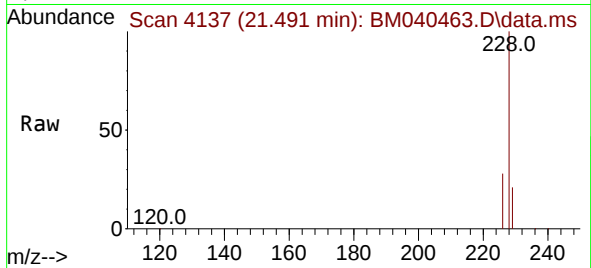
Tgt Ion:202 Resp: 1086561
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 16.565 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

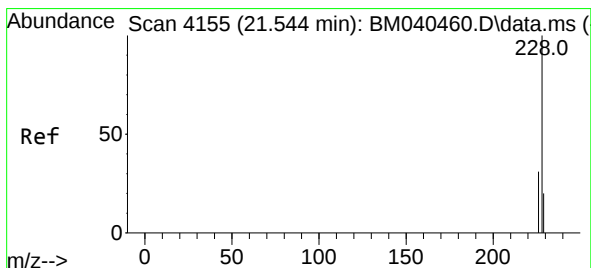
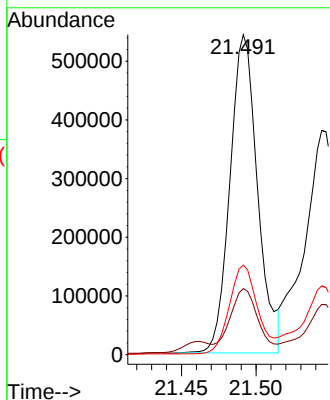
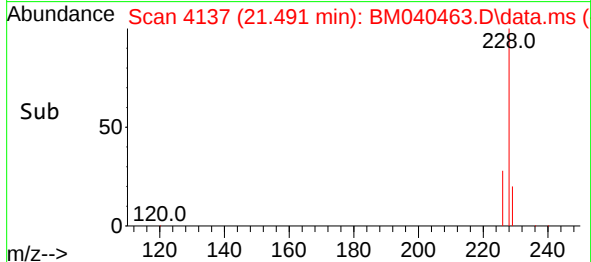
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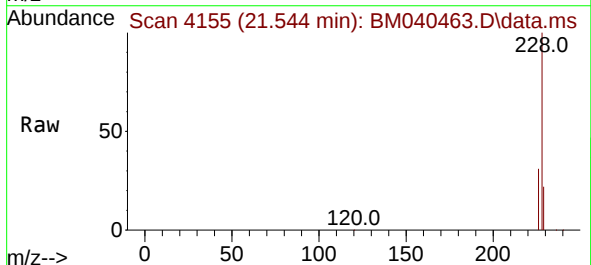
Tgt Ion:228 Resp: 697178
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.0 22.3 33.5

Manual Integrations
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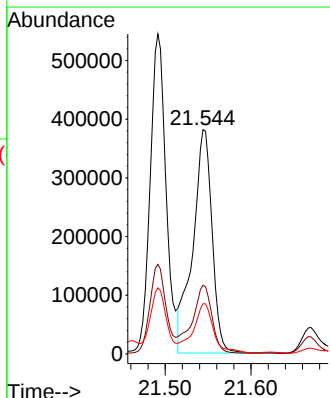
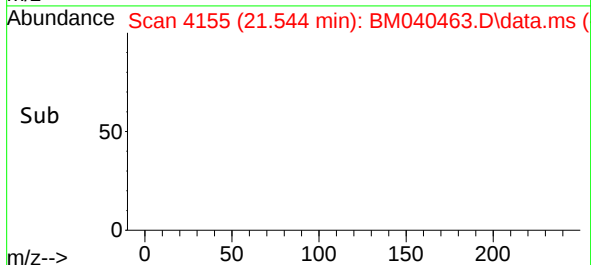
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

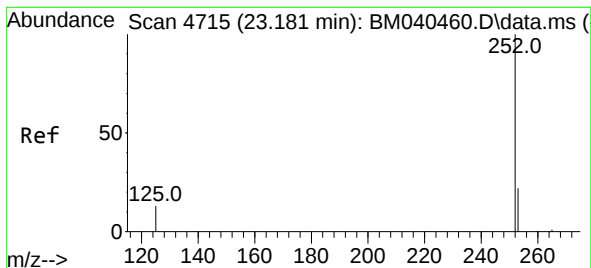


#22
Chrysene
Concen: 12.372 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39



Tgt Ion:228 Resp: 593990
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.4 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 15.749 ng/ul

RT: 23.187 min Scan# 4715

Delta R.T. 0.006 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Instrument :

BNA_M

ClientSampleId :

DCFY1

Tgt Ion:252 Resp: 90122

Ion Ratio Lower Upper

252 100

253 23.1 0.0 52.8

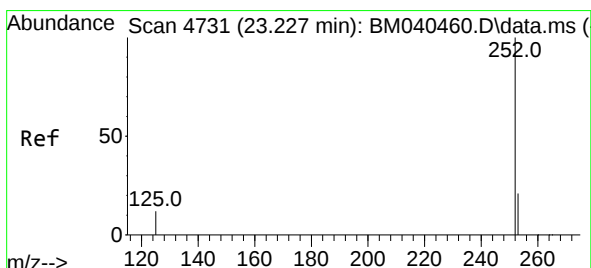
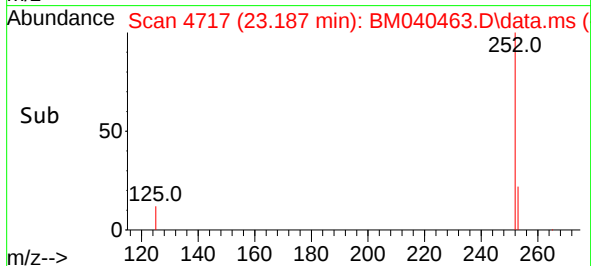
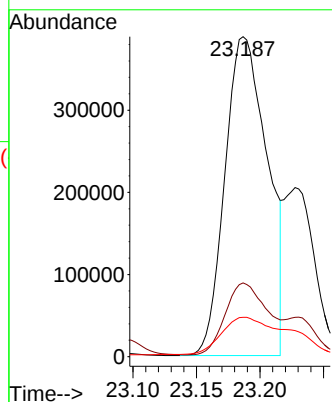
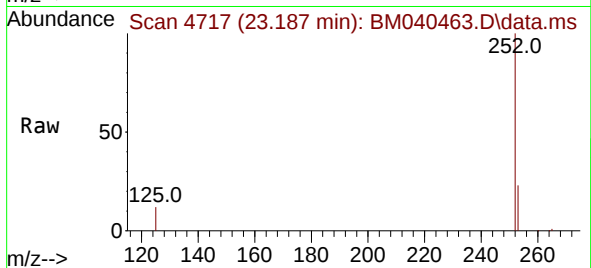
125 12.3 0.0 43.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/01/2023



#25

Benzo(k)fluoranthene

Concen: 6.065 ng/ul m

RT: 23.228 min Scan# 4731

Delta R.T. 0.000 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

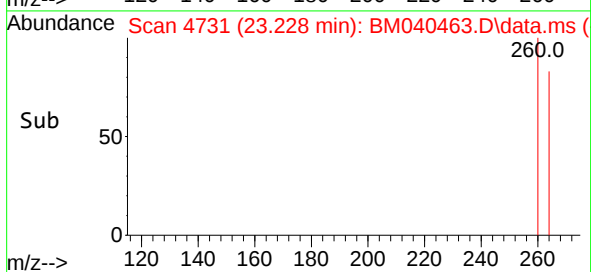
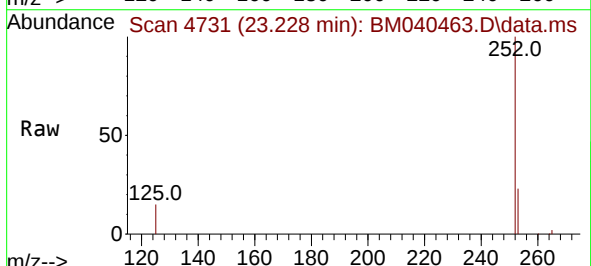
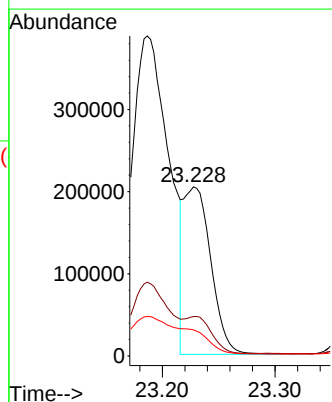
Tgt Ion:252 Resp: 342064

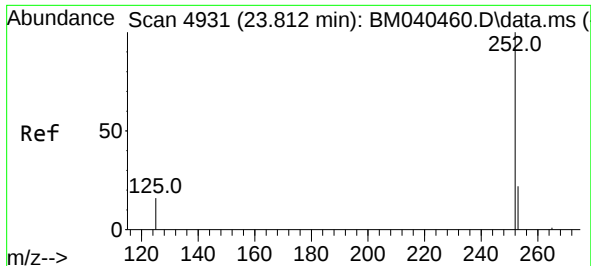
Ion Ratio Lower Upper

252 100

253 23.3 21.2 31.8

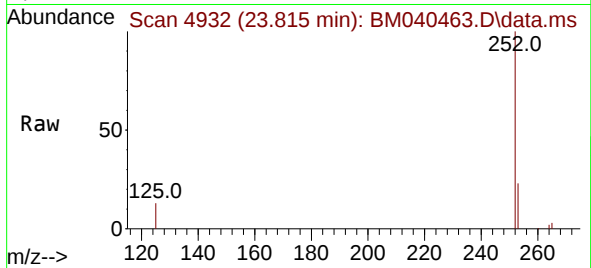
125 15.4 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 9.071 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

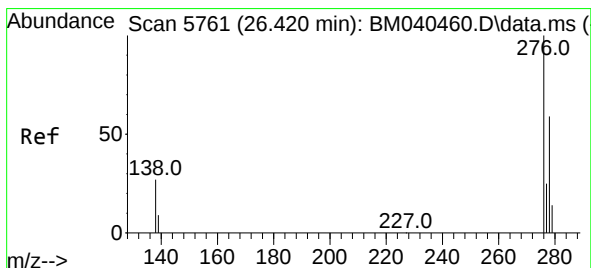
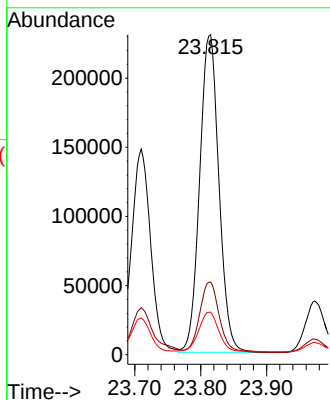
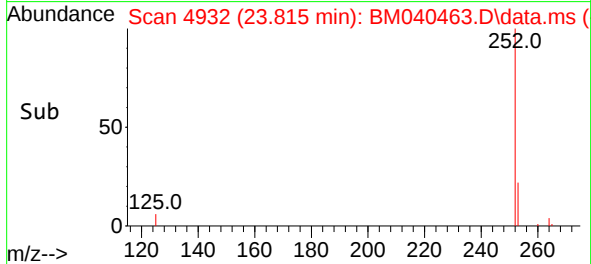
Instrument :
BNA_M
ClientSampleId :
DCFY1



Tgt Ion:252 Resp: 467609
Ion Ratio Lower Upper
252 100
253 22.7 22.9 34.3#
125 13.3 21.0 31.4#

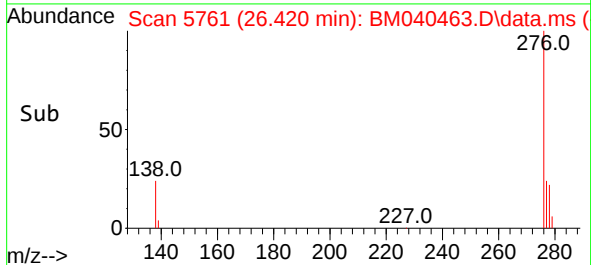
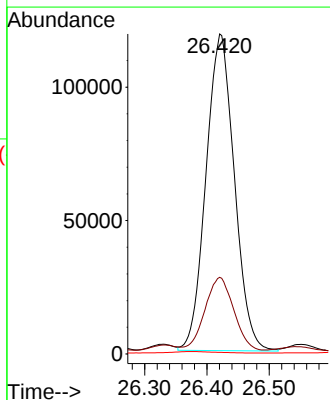
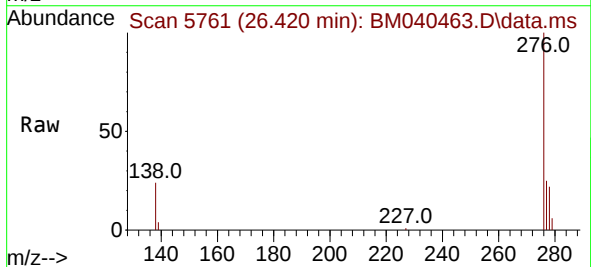
Manual Integrations
APPROVED

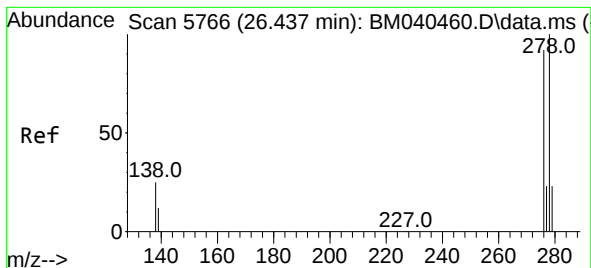
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.239 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040463.D
Acq: 30 Jun 2023 09:39

Tgt Ion:276 Resp: 376080
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 1.787 ng/ul

RT: 26.427 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Instrument :

BNA_M

ClientSampleId :

DCFY1

Tgt Ion:278 Resp: 10046

Ion Ratio Lower Upper

278 100

139 20.0 17.9 26.9

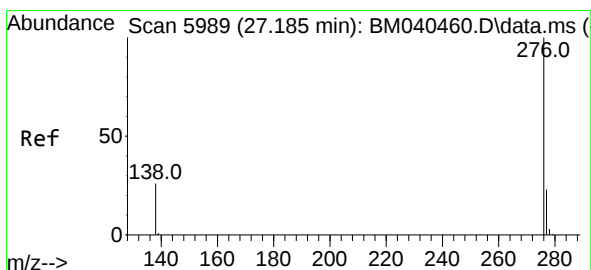
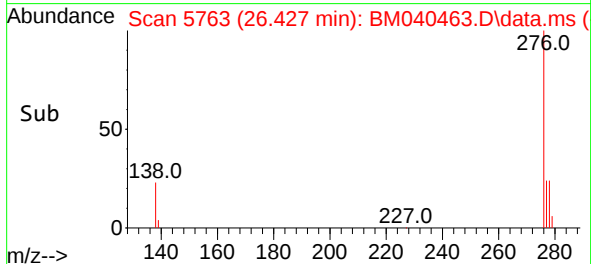
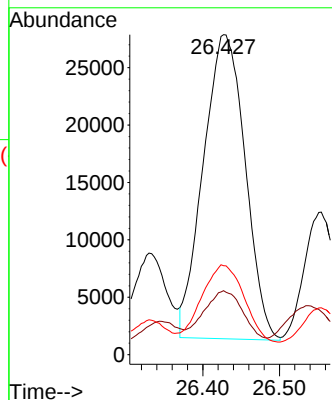
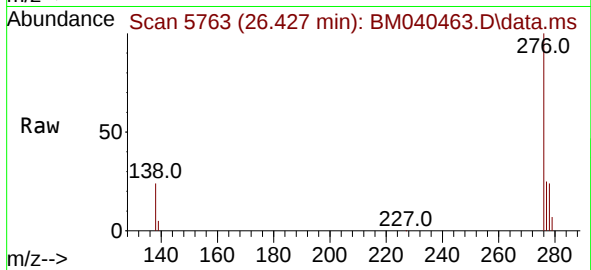
279 27.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#29

Benzo(g,h,i)perylene

Concen: 0.791 ng/ul

RT: 27.198 min Scan# 5993

Delta R.T. 0.014 min

Lab File: BM040463.D

Acq: 30 Jun 2023 09:39

Tgt Ion:276 Resp: 49799

Ion Ratio Lower Upper

276 100

138 29.2 23.0 34.6

277 26.8 20.3 30.5

