

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046184.D
 Acq On : 22 Jun 2024 06:34
 Operator : MA/JU
 Sample : P2754-05DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 22 10:48:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	3384	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.209	136	9594	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.071	164	5447	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	10854	0.400	ng/ul	-0.05
17) Chrysene-d12	21.006	240	9539	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	10991m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	4114	0.886	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.832	152	873	0.068	ng/ul	-0.03
18) Fluoranthene-d10	18.843	212	2053	0.072	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.259	128	2287	0.085	ng/ul#	91
7) 2-Methylnaphthalene	11.914	142	702	0.047	ng/ul	95
8) 1-Methylnaphthalene	12.112	142	592	0.036	ng/ul	92
10) Acenaphthylene	13.788	152	5044	0.195	ng/ul	98
11) Acenaphthene	14.131	153	2609	0.140	ng/ul	98
12) Fluorene	15.130	166	2907	0.145	ng/ul	98
15) Phenanthrene	16.853	178	68680	2.252	ng/ul	96
16) Anthracene	16.946	178	12758	0.562	ng/ul	96
19) Fluoranthene	18.871	202	181353	4.391	ng/ul	97
20) Pyrene	19.233	202	131675	2.948	ng/ul	97
21) Benzo(a)anthracene	20.991	228	77696	2.109	ng/ul	100
22) Chrysene	21.041	228	88675	1.886	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	142428m	3.597	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	46305m	0.984	ng/ul	
26) Benzo(a)pyrene	23.008	252	48227	1.314	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.142	276	54898	0.914	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.145	278	15993	0.358	ng/ul	98
29) Benzo(g,h,i)perylene	25.766	276	7478	0.145	ng/ul#	88

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

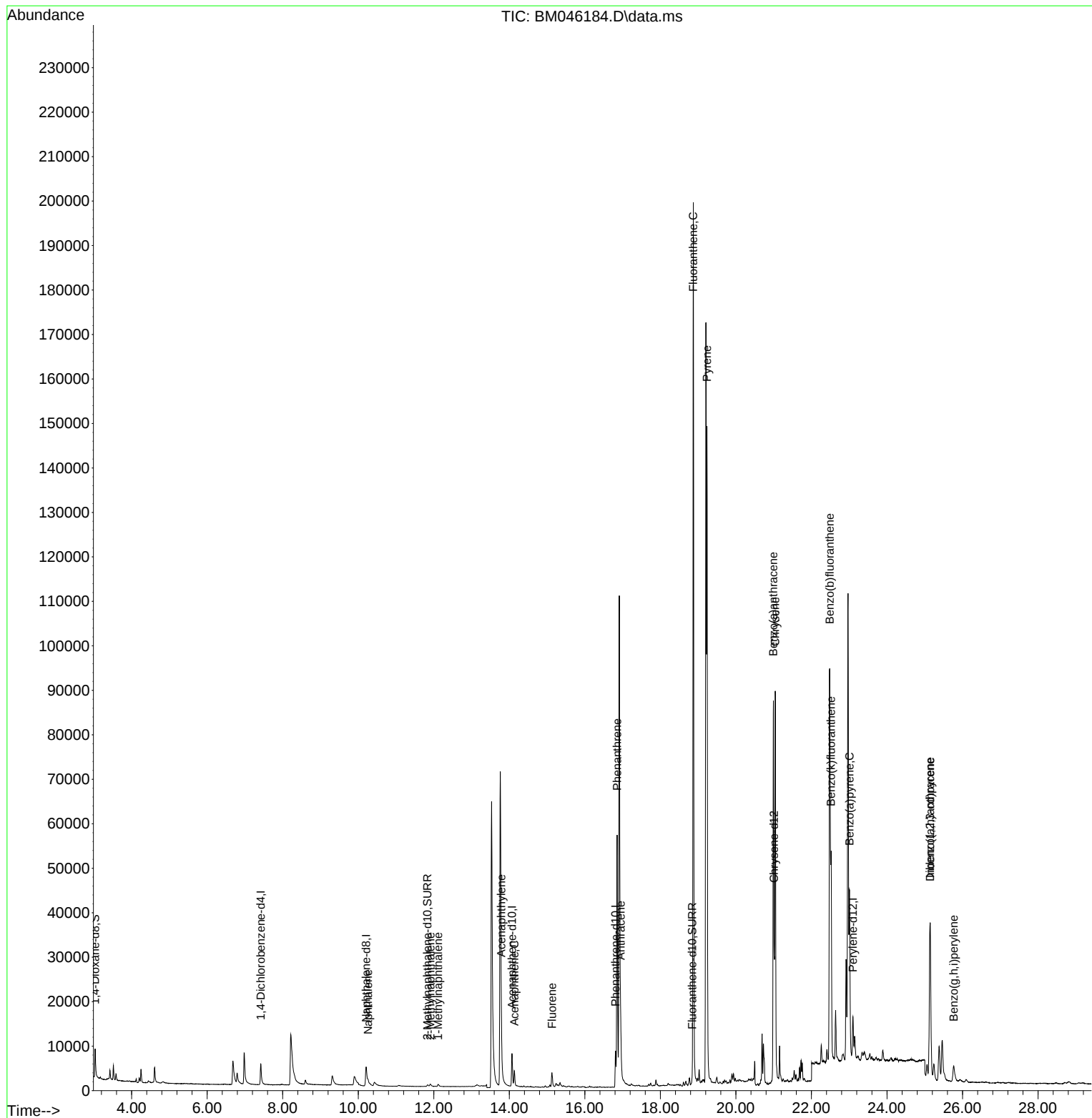
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046184.D
Acq On : 22 Jun 2024 06:34
Operator : MA/JU
Sample : P2754-05DL 5X
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ALS Vial : 37 Sample Multiplier: 1

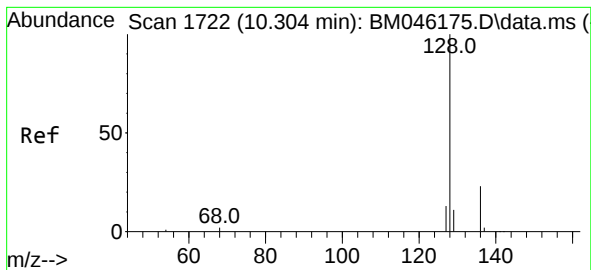
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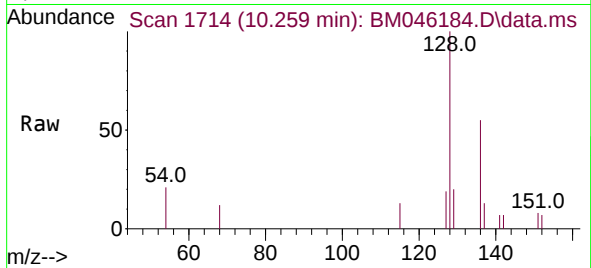
Quant Time: Jun 22 10:48:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

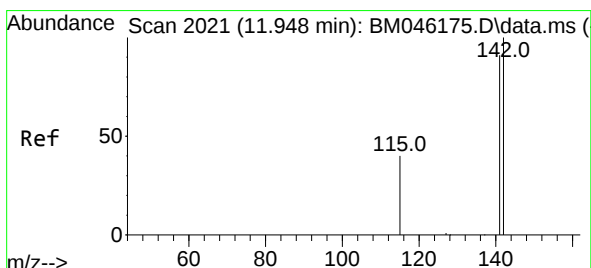
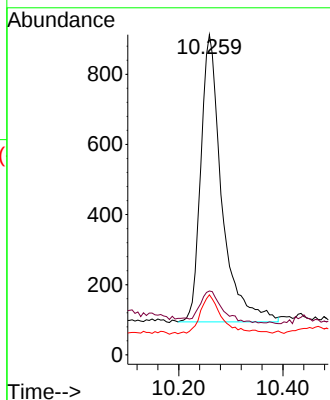
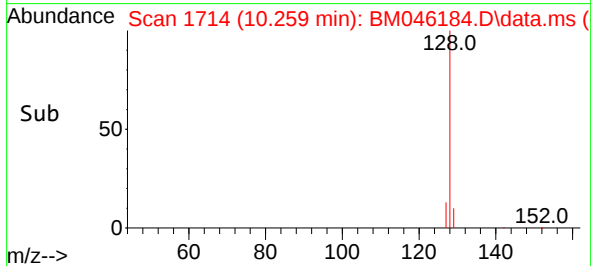
Instrument :
BNA_M
ClientSampleId :
A4BP6DL



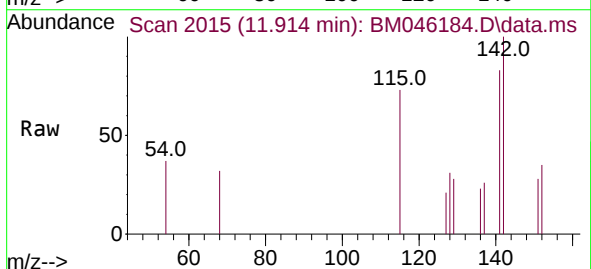
Tgt Ion:128 Resp: 228
Ion Ratio Lower Upper
128 100
129 19.9 11.8 17.6
127 18.7 12.8 19.2

Manual Integrations
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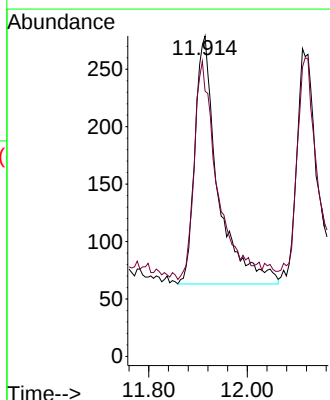
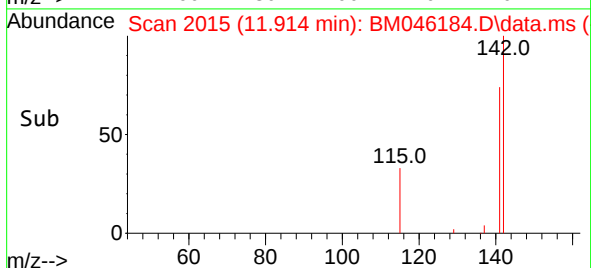
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

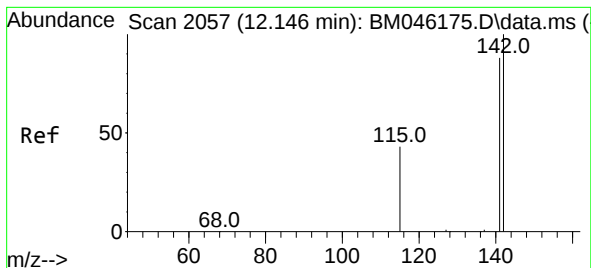


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.033 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



Tgt Ion:142 Resp: 702
Ion Ratio Lower Upper
142 100
141 88.5 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.036 ng/ul

RT: 12.112 min Scan# 2051

Delta R.T. -0.038 min

Lab File: BM046184.D

Acq: 22 Jun 2024 06:34

Instrument :

BNA_M

ClientSampleId :

A4BP6DL

Tgt Ion:142 Resp: 592

Ion Ratio Lower Upper

142 100

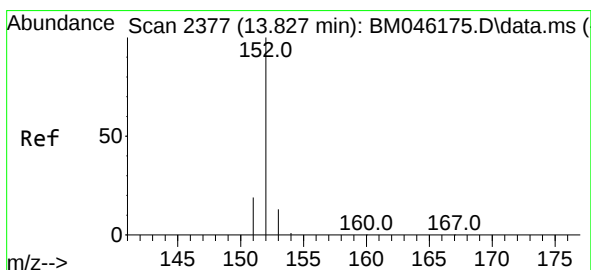
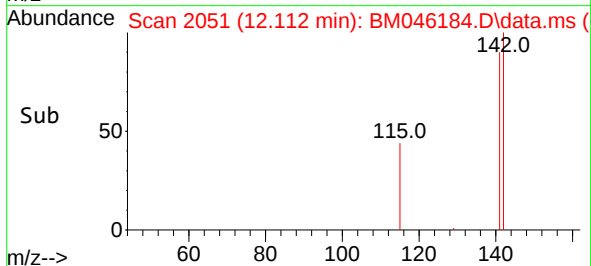
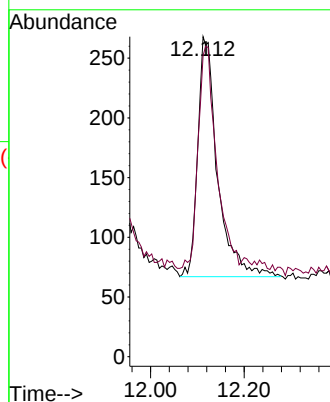
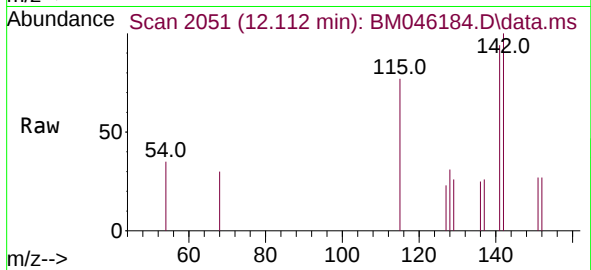
141 86.5 75.2 112.8

Manual Integrations

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#10

Acenaphthylene

Concen: 0.195 ng/ul

RT: 13.788 min Scan# 2369

Delta R.T. -0.046 min

Lab File: BM046184.D

Acq: 22 Jun 2024 06:34

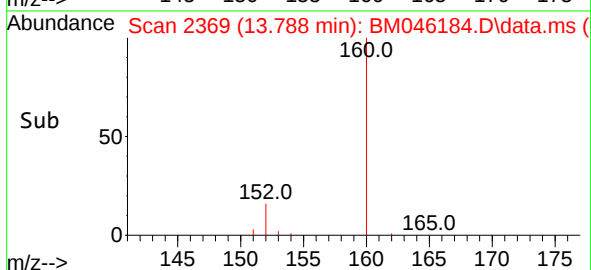
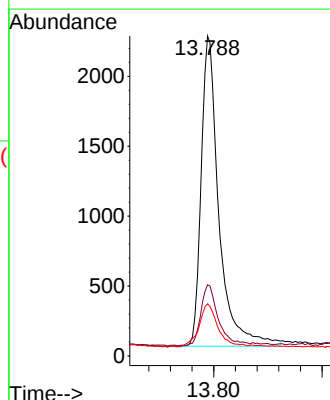
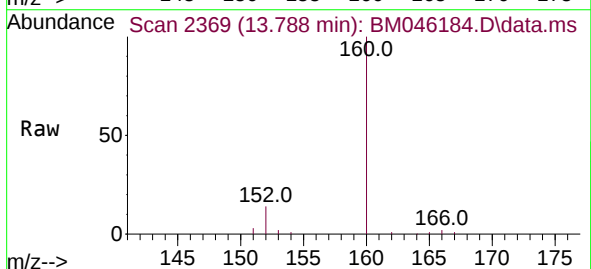
Tgt Ion:152 Resp: 5044

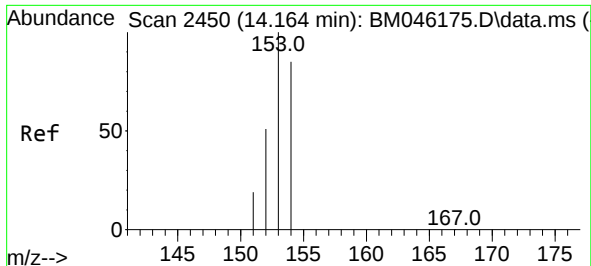
Ion Ratio Lower Upper

152 100

151 22.2 17.4 26.2

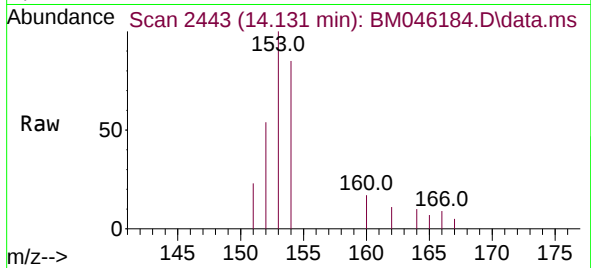
153 16.3 11.8 17.8





#11
Acenaphthene
Concen: 0.140 ng/u1
RT: 14.131 min Scan# 2450
Delta R.T. -0.042 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

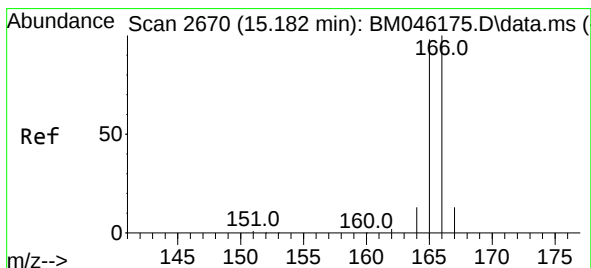
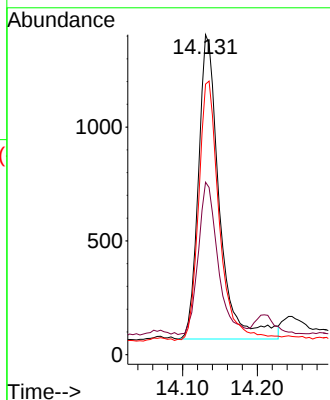
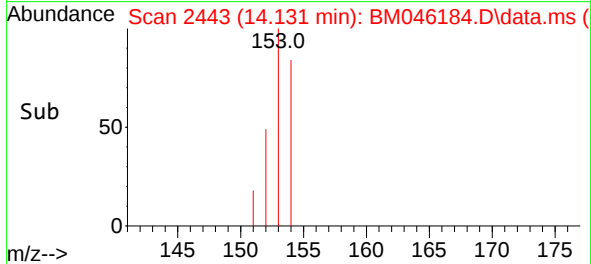
Instrument :
BNA_M
ClientSampleId :
A4BP6DL



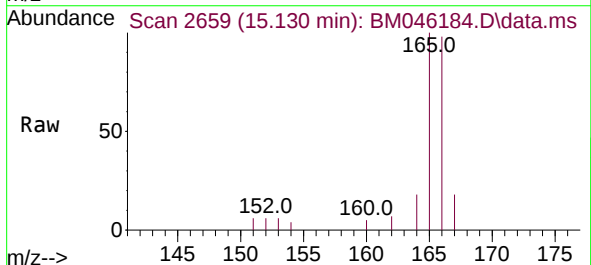
Tgt Ion:153 Resp: 2609
Ion Ratio Lower Upper
153 100
152 53.9 41.3 61.9
154 84.6 68.2 102.4

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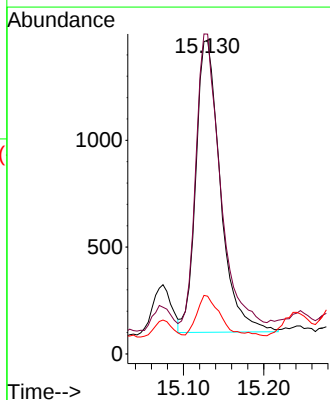
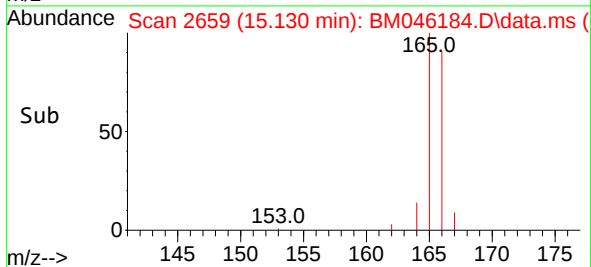
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

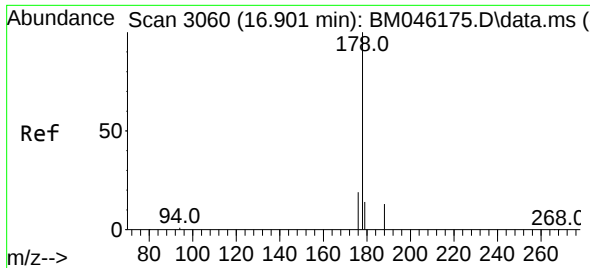


#12
Fluorene
Concen: 0.145 ng/u1
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



Tgt Ion:166 Resp: 2907
Ion Ratio Lower Upper
166 100
165 102.0 80.4 120.6
167 18.4 12.4 18.6





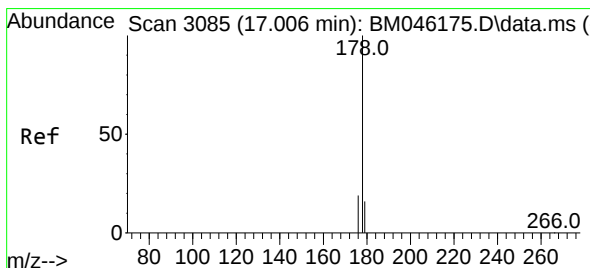
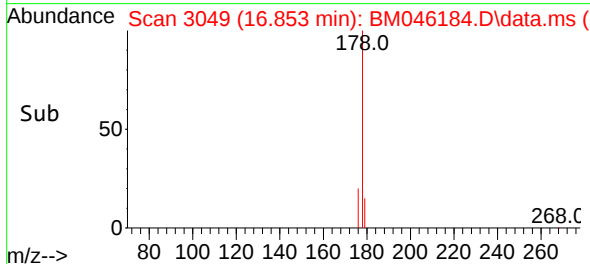
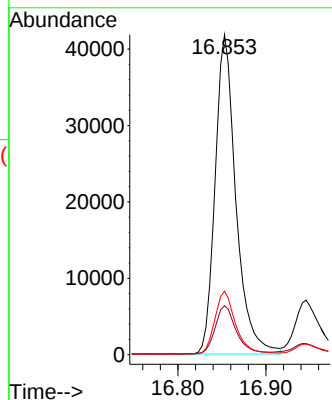
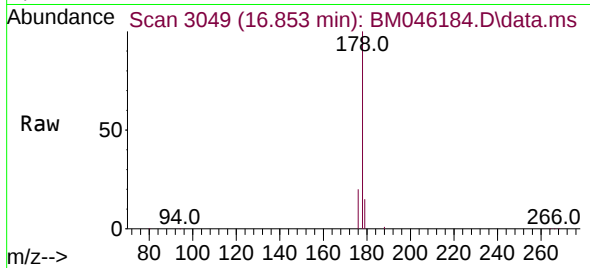
#15
Phenanthrene
Concen: 2.252 ng/ul
RT: 16.853 min Scan# 3071
Delta R.T. -0.051 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 68680
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.8 17.1 25.7

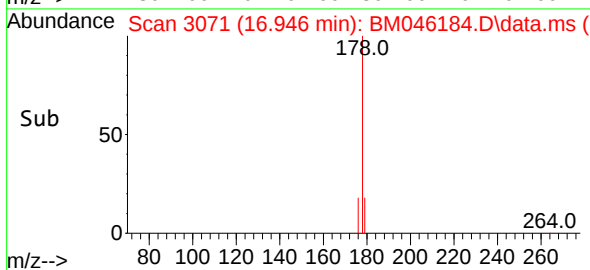
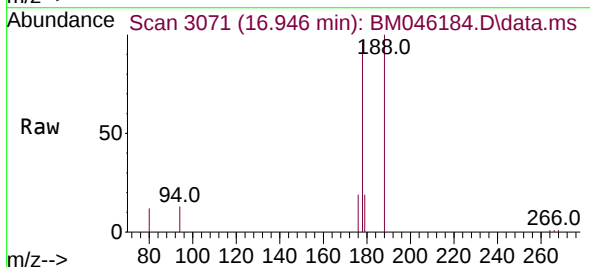
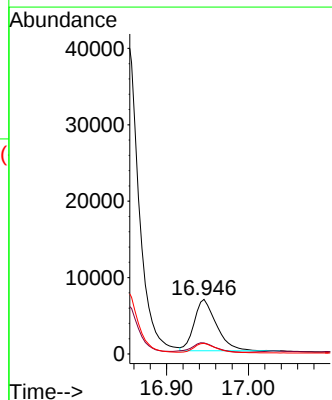
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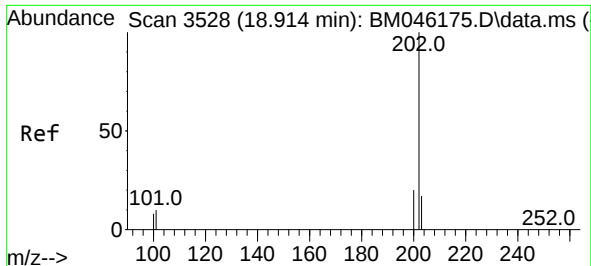
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.562 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. -0.059 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

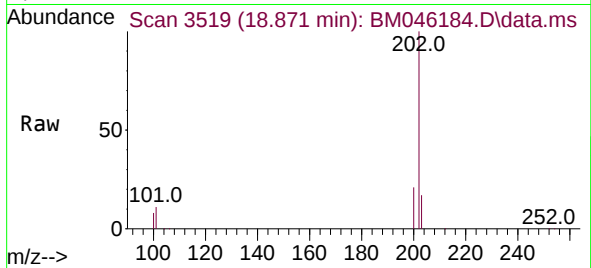
Tgt Ion:178 Resp: 12758
Ion Ratio Lower Upper
178 100
179 20.1 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 4.391 ng/u1
RT: 18.871 min Scan# 3519
Delta R.T. -0.046 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

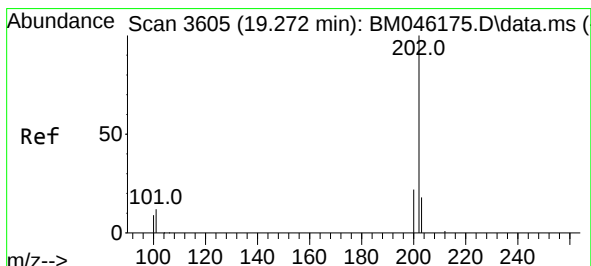
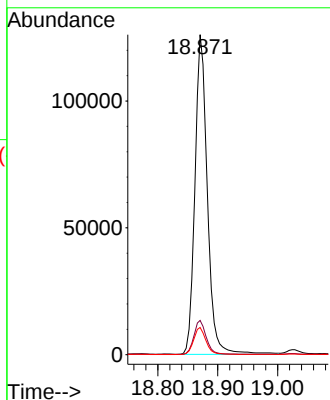
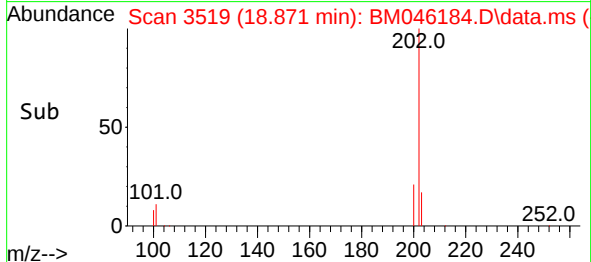
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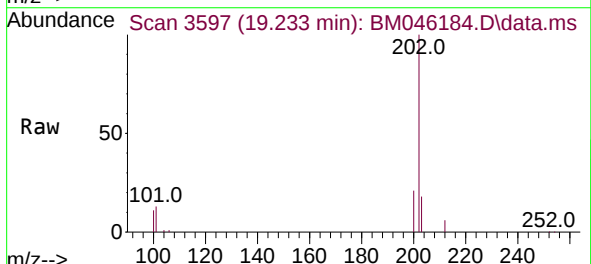
Tgt Ion:202 Resp: 18135
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.5 7.6 11.4

Manual Integrations
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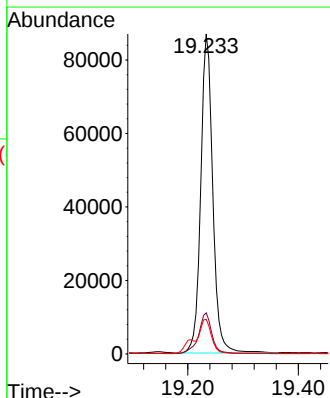
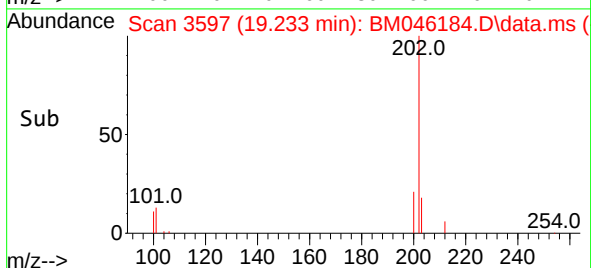
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

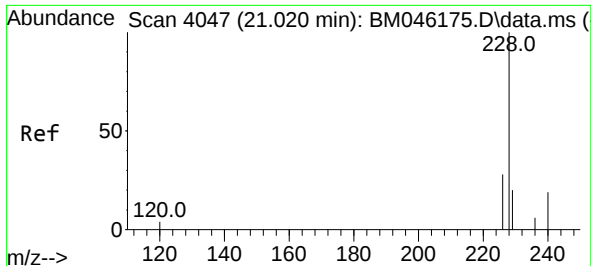


#20
Pyrene
Concen: 2.948 ng/u1
RT: 19.233 min Scan# 3597
Delta R.T. -0.042 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



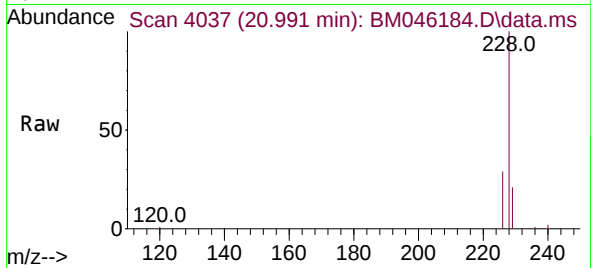
Tgt Ion:202 Resp: 131675
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.109 ng/ul
RT: 20.991 min Scan# 4037
Delta R.T. -0.038 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

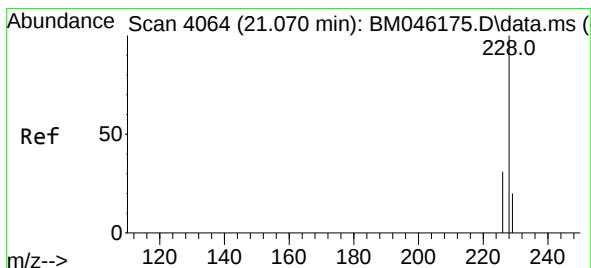
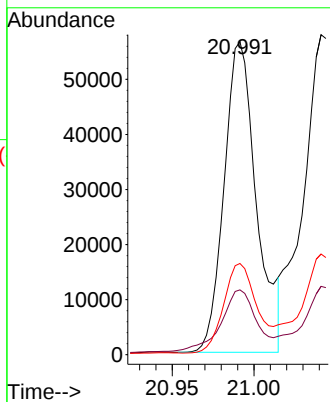
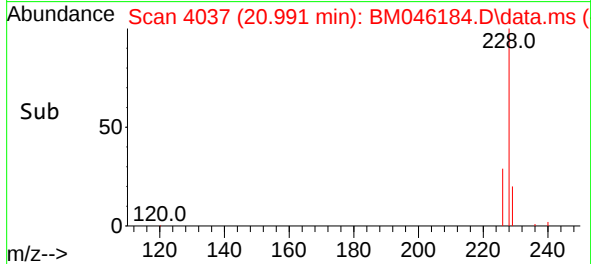
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Tgt Ion:228 Resp: 77690
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.2 23.4 35.2

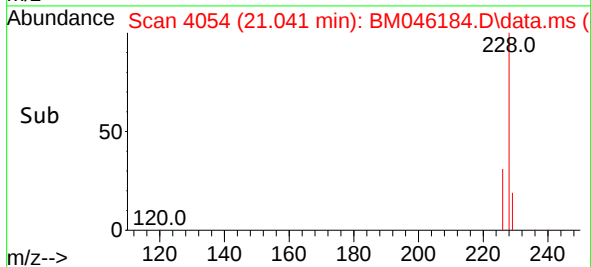
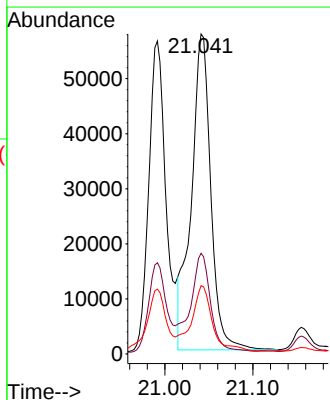
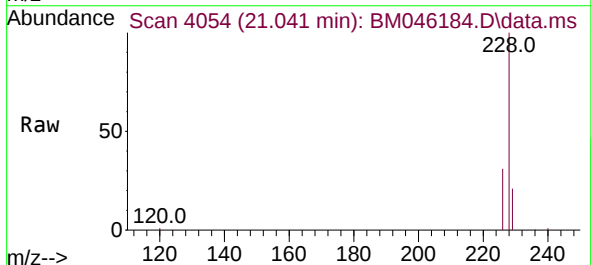
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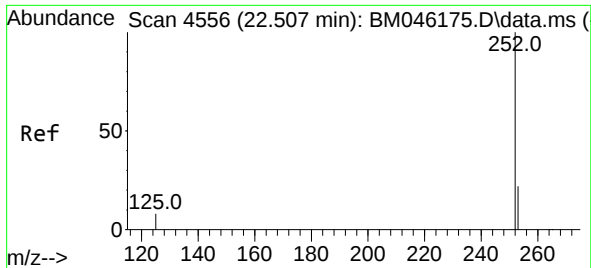
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 1.886 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

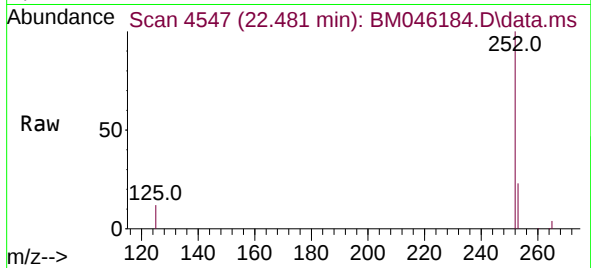
Tgt Ion:228 Resp: 88675
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.597 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

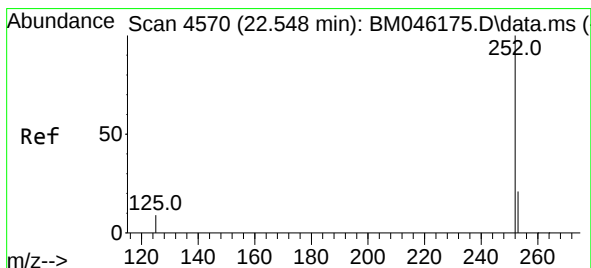
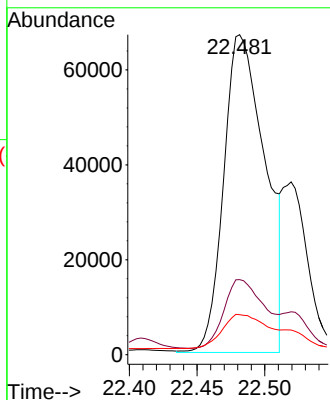
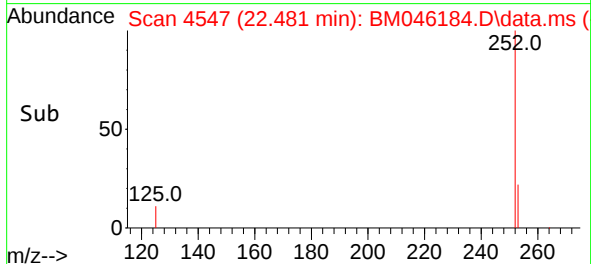
Instrument :
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ClientSampleId :
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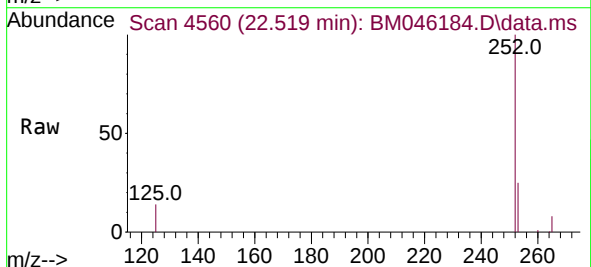
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Ion Ratio Lower Upper
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253 23.4 0.0 65.8
125 12.5 0.0 40.2

Manual Integrations
APPROVED

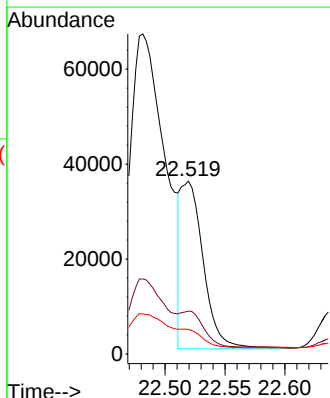
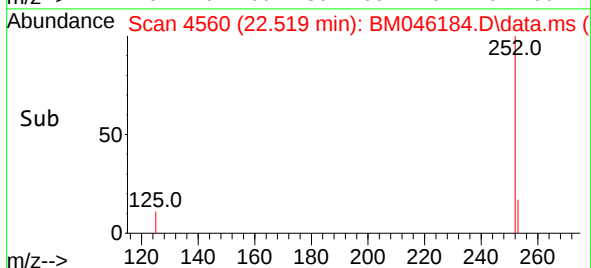
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

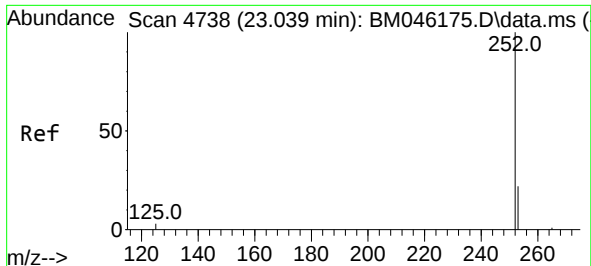


#25
Benzo(k)fluoranthene
Concen: 0.984 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.044 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



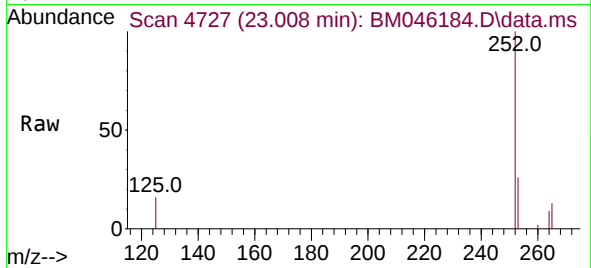
Tgt Ion:252 Resp: 46305
Ion Ratio Lower Upper
252 100
253 24.8 27.2 40.8#
125 14.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.314 ng/ul
RT: 23.008 min Scan# 41
Delta R.T. -0.047 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

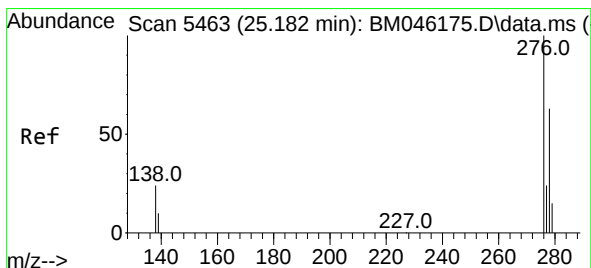
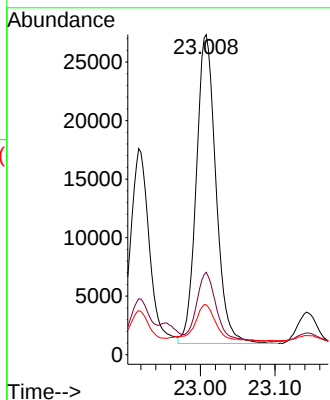
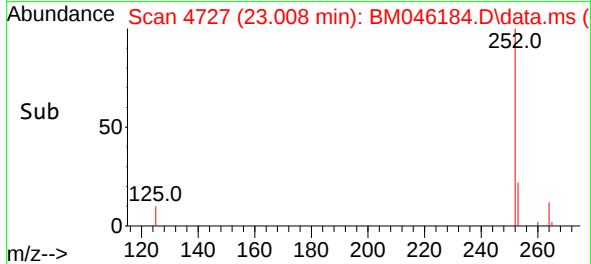
Instrument :
BNA_M
ClientSampleId :
A4BP6DL



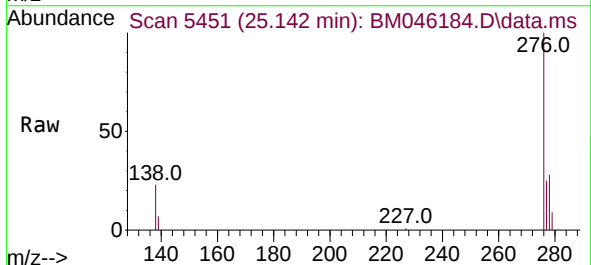
Tgt Ion:252 Resp: 4822
Ion Ratio Lower Upper
252 100
253 25.7 32.1 48.1#
125 15.6 21.2 31.8#

Manual Integrations
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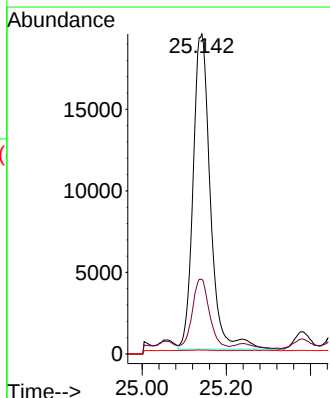
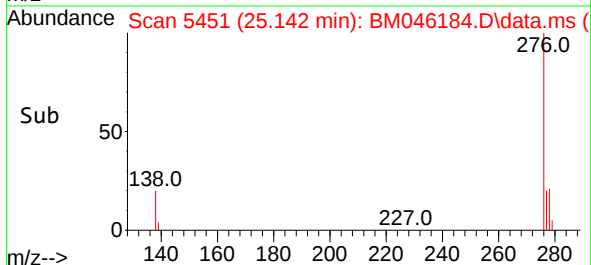
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

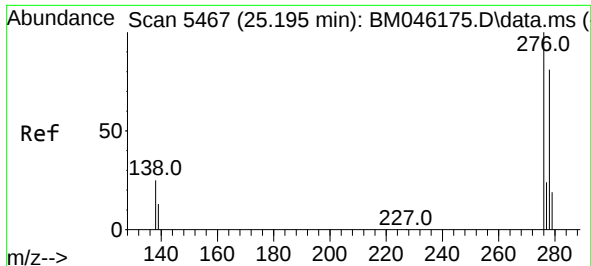


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.914 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.060 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



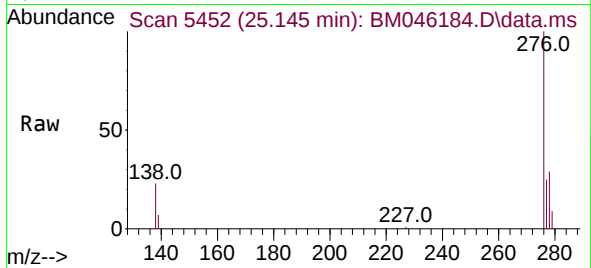
Tgt Ion:276 Resp: 54898
Ion Ratio Lower Upper
276 100
138 20.6 21.0 31.4#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 25.145 min Scan# 5467
Delta R.T. -0.070 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34

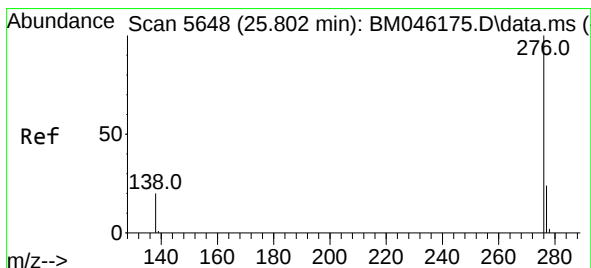
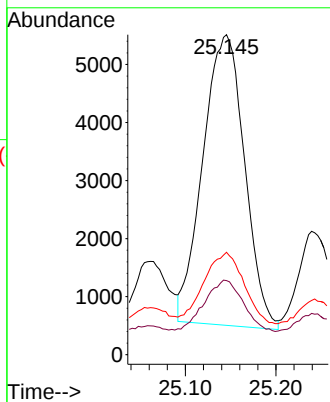
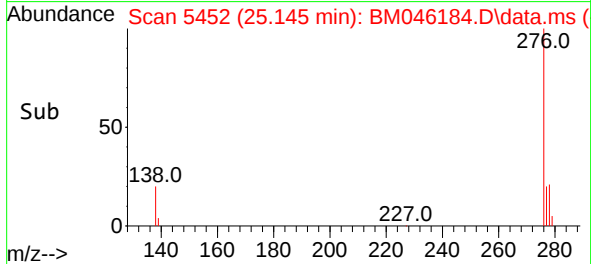
Instrument :
BNA_M
ClientSampleId :
A4BP6DL



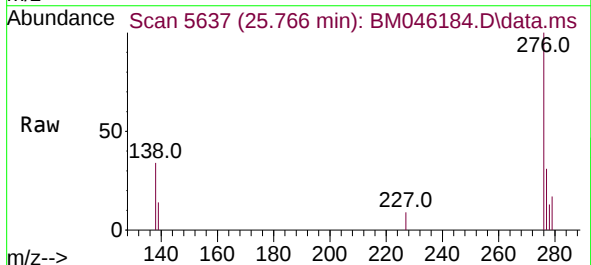
Tgt Ion:278 Resp: 1599
Ion Ratio Lower Upper
278 100
139 23.2 17.6 26.4
279 32.0 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 25.766 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046184.D
Acq: 22 Jun 2024 06:34



Tgt Ion:276 Resp: 7478
Ion Ratio Lower Upper
276 100
138 33.6 21.7 32.5#
277 31.5 20.4 30.6#

