

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046233.D
 Acq On : 23 Jun 2024 13:50
 Operator : MA/JU
 Sample : P2776-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:30:54 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2578	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136	8122	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164	4453	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188	9332m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.006	240	7548m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	9596m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	11975	3.386	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.794	152	2800	0.257	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212	5962	0.264	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.222	128	1462	0.065	ng/ul#	84
7) 2-Methylnaphthalene	11.871	142	543	0.043	ng/ul	98
8) 1-Methylnaphthalene	12.086	142	531	0.038	ng/ul	99
10) Acenaphthylene	13.771	152	3576	0.169	ng/ul#	94
11) Acenaphthene	14.118	153	1954	0.128	ng/ul	98
12) Fluorene	15.108	166	2095	0.128	ng/ul	98
15) Phenanthrene	16.842	178	46576m	1.776	ng/ul	
16) Anthracene	16.930	178	7494m	0.384	ng/ul	
19) Fluoranthene	18.867	202	77609	2.375	ng/ul	96
20) Pyrene	19.230	202	72478	2.051	ng/ul	95
21) Benzo(a)anthracene	20.991	228	33933	1.164	ng/ul	98
22) Chrysene	21.044	228	34080	0.916	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	47046m	1.361	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	15737m	0.383	ng/ul	
26) Benzo(a)pyrene	23.004	252	32008	0.999	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.142	276	24287	0.463	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.145	278	5644	0.145	ng/ul#	79
29) Benzo(g,h,i)perylene	25.765	276	24083	0.536	ng/ul	97

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

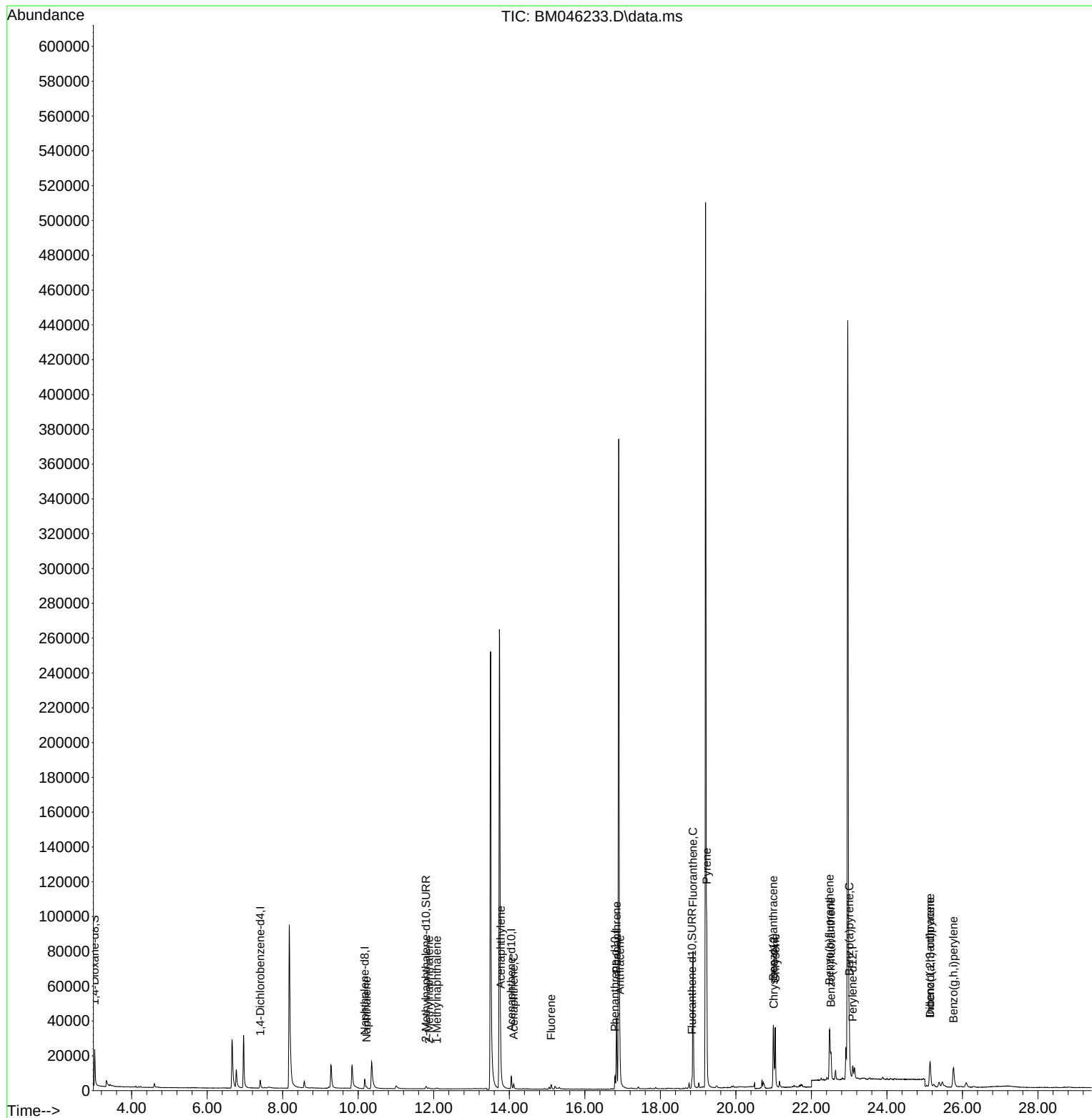
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046233.D
Acq On : 23 Jun 2024 13:50
Operator : MA/JU
Sample : P2776-14
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ALS Vial : 48 Sample Multiplier: 1

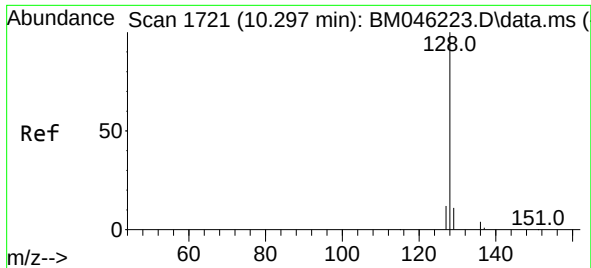
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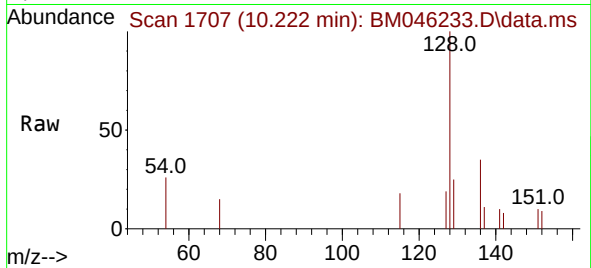
Quant Time: Jun 24 02:30:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.222 min Scan# 1707
Delta R.T. -0.081 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

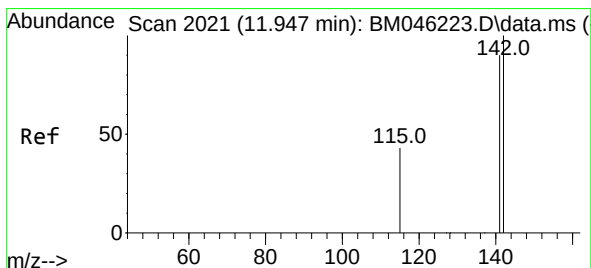
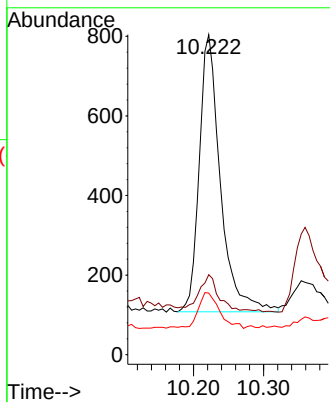
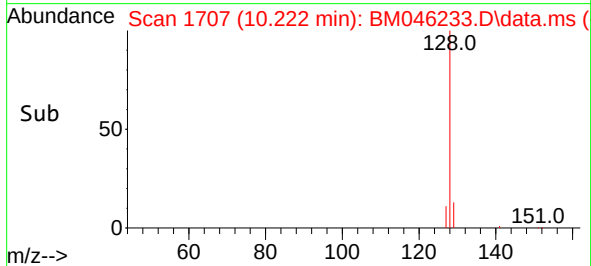
Instrument :
BNA_M
ClientSampleId :
A4CA9



Tgt Ion:128 Resp: 1462
Ion Ratio Lower Upper
128 100
129 25.0 11.8 17.6
127 19.3 12.8 19.2

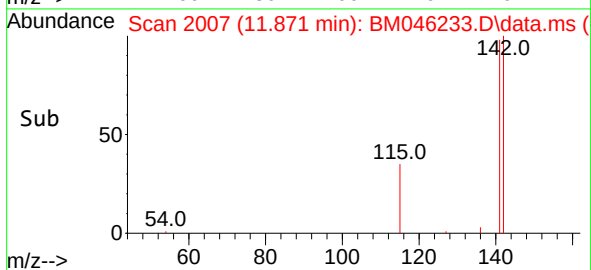
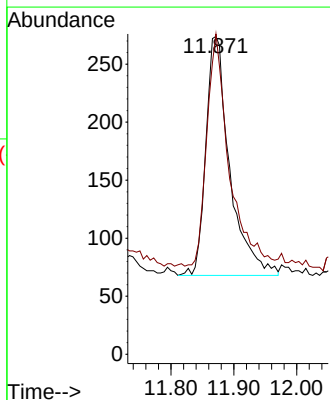
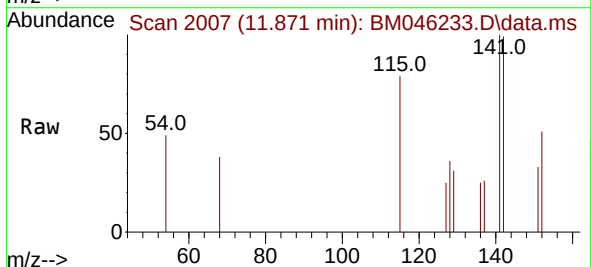
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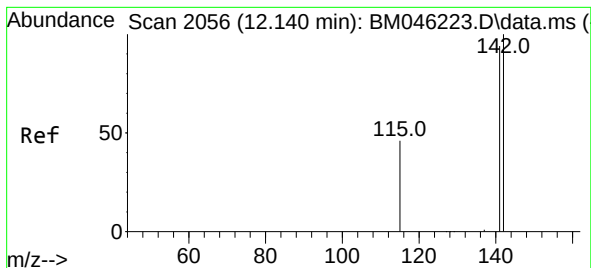
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

Tgt Ion:142 Resp: 543
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 12.086 min Scan# 2056

Delta R.T. -0.065 min

Lab File: BM046233.D

Acq: 23 Jun 2024 13:50

Instrument :

BNA_M

ClientSampleId :

A4CA9

Tgt Ion:142 Resp: 531

Ion Ratio Lower Upper

142 100

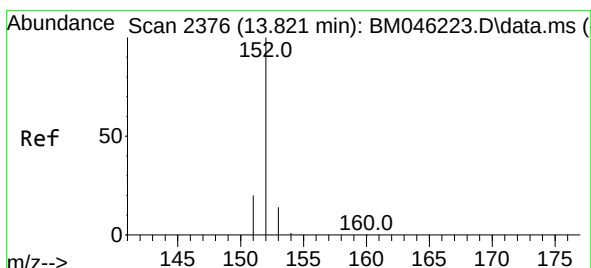
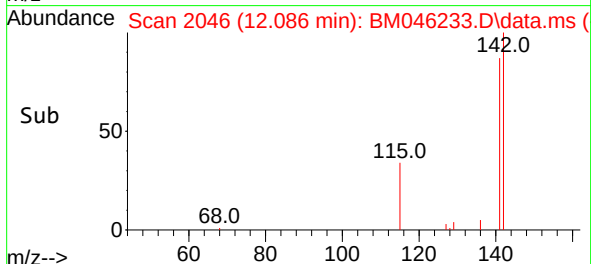
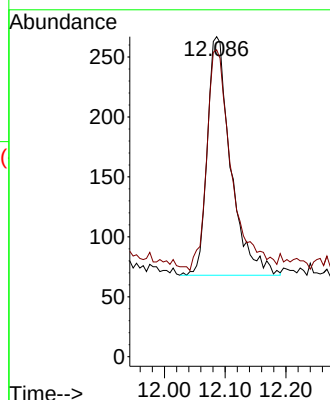
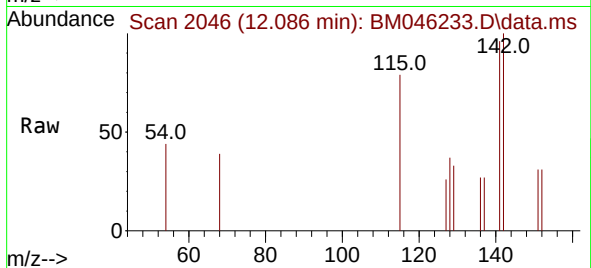
141 92.8 75.2 112.8

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#10

Acenaphthylene

Concen: 0.169 ng/ul

RT: 13.771 min Scan# 2365

Delta R.T. -0.063 min

Lab File: BM046233.D

Acq: 23 Jun 2024 13:50

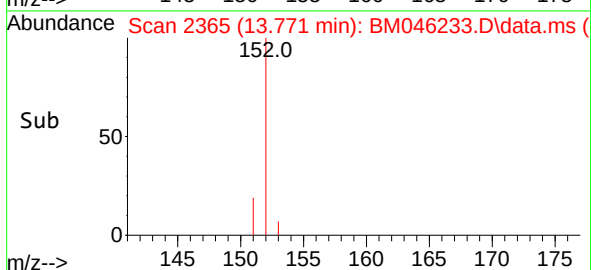
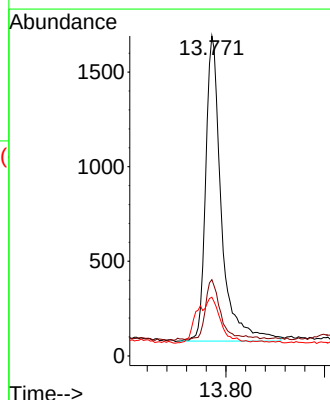
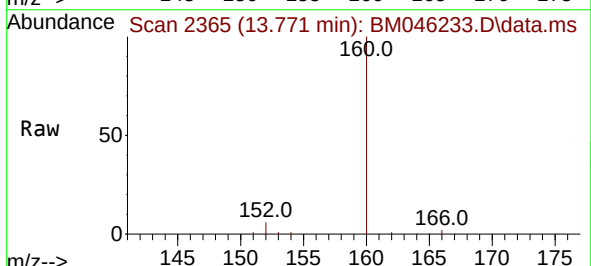
Tgt Ion:152 Resp: 3576

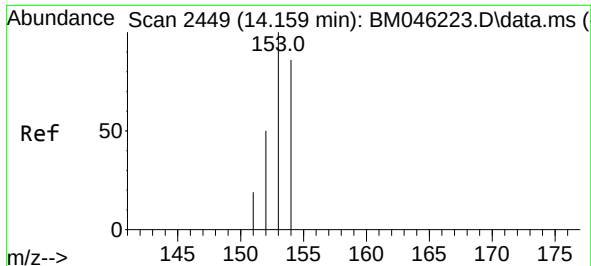
Ion Ratio Lower Upper

152 100

151 23.8 17.4 26.2

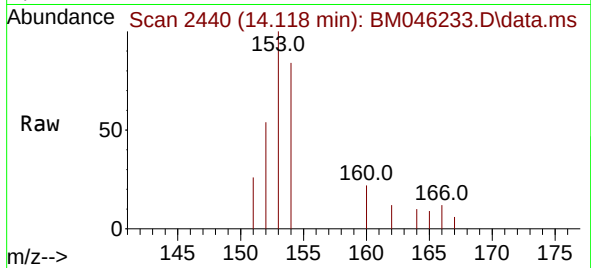
153 18.3 11.8 17.8#





#11
Acenaphthene
Concen: 0.128 ng/ul
RT: 14.118 min Scan# 2449
Delta R.T. -0.054 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

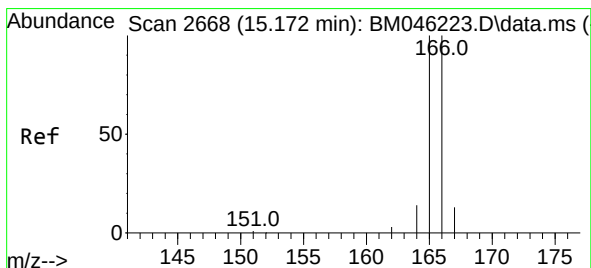
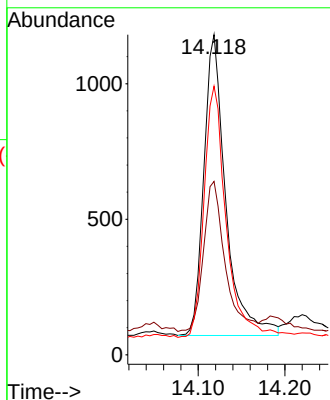
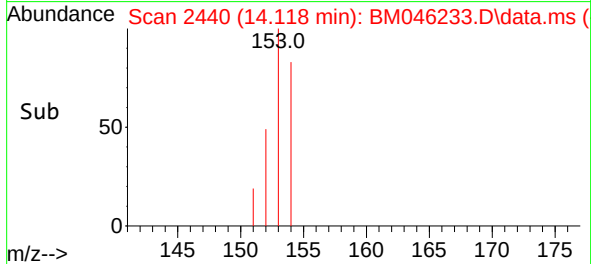
Instrument :
BNA_M
ClientSampleId :
A4CA9



Tgt Ion:153 Resp: 1954
Ion Ratio Lower Upper
153 100
152 54.2 41.3 61.9
154 83.9 68.2 102.4

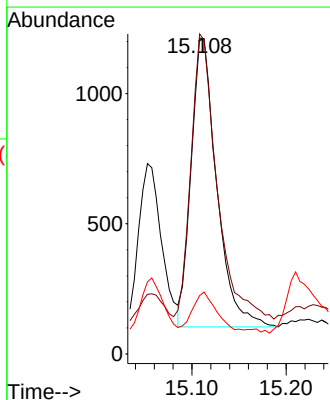
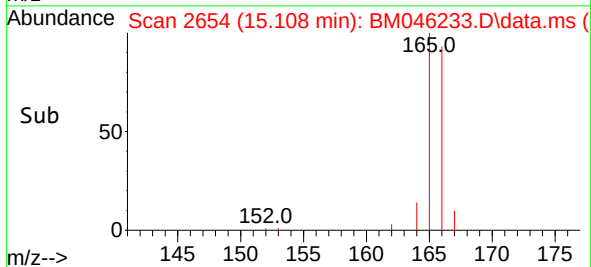
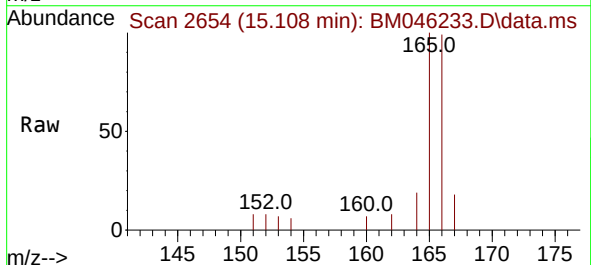
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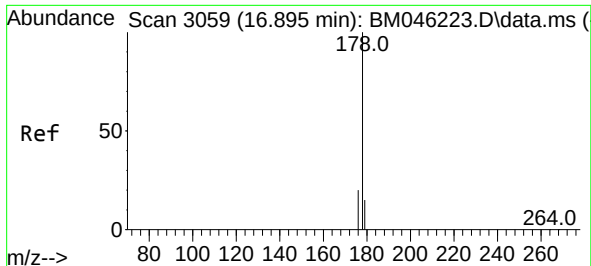
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.108 min Scan# 2654
Delta R.T. -0.073 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

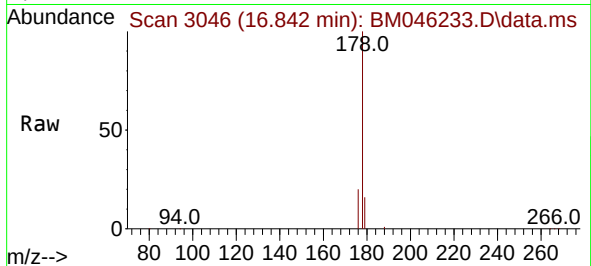
Tgt Ion:166 Resp: 2095
Ion Ratio Lower Upper
166 100
165 101.3 80.4 120.6
167 18.5 12.4 18.6





#15
Phenanthrene
Concen: 1.776 ng/ul m
RT: 16.842 min Scan# 3046
Delta R.T. -0.062 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

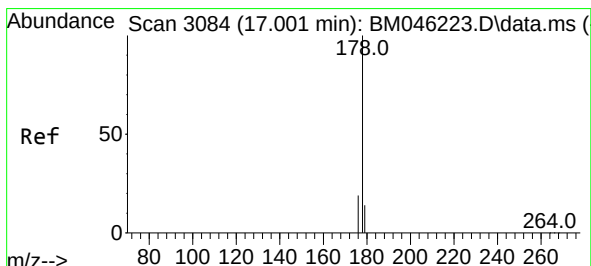
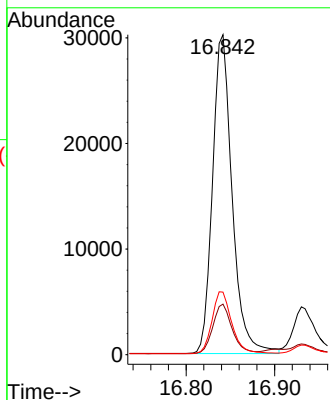
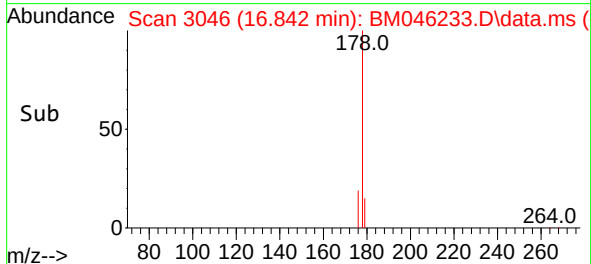
Instrument :
BNA_M
ClientSampleId :
A4CA9



Tgt Ion:178 Resp: 46570
Ion Ratio Lower Upper
178 100
179 15.8 14.2 21.2
176 19.6 17.1 25.7

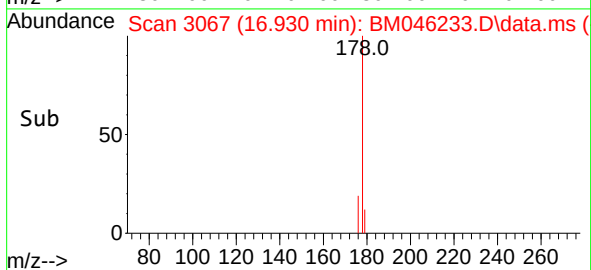
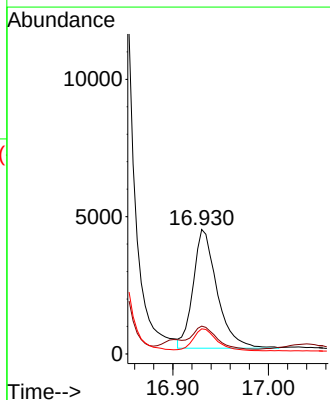
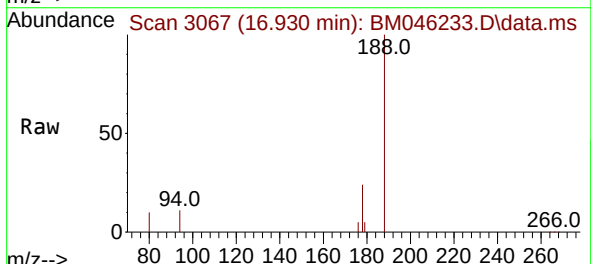
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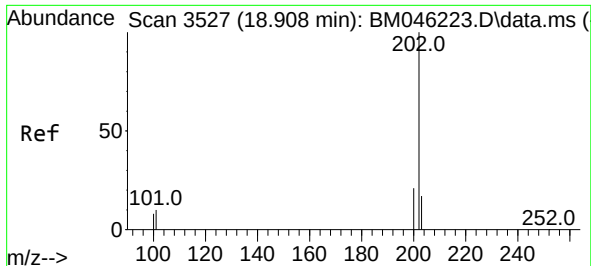
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#16
Anthracene
Concen: 0.384 ng/ul m
RT: 16.930 min Scan# 3067
Delta R.T. -0.075 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

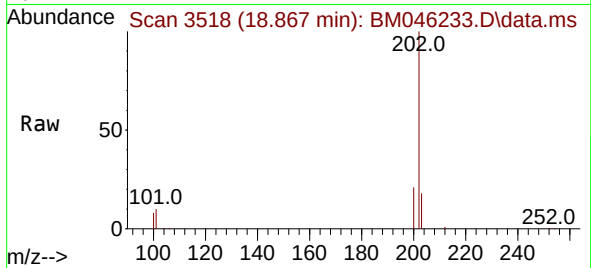
Tgt Ion:178 Resp: 7494
Ion Ratio Lower Upper
178 100
179 22.4 14.9 22.3#
176 20.2 17.0 25.4





#19
Fluoranthene
Concen: 2.375 ng/ul
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

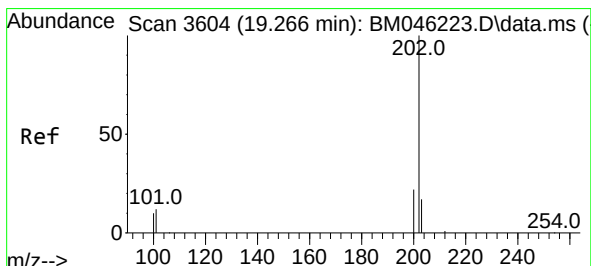
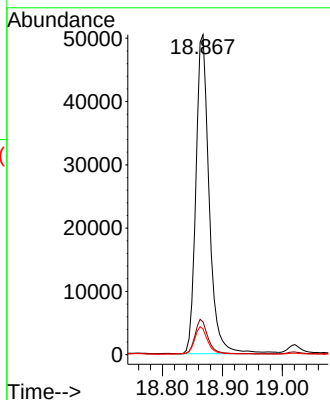
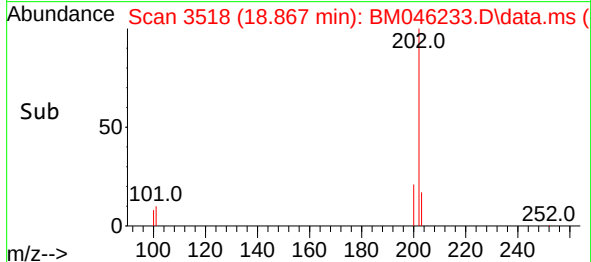
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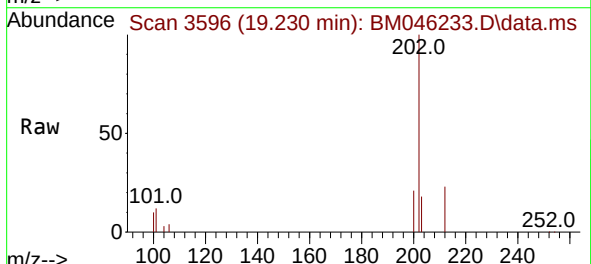
Tgt Ion:202 Resp: 77609
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 8.0 7.6 11.4

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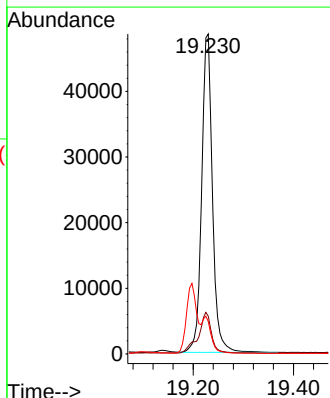
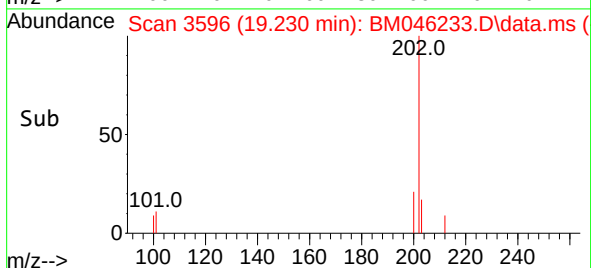
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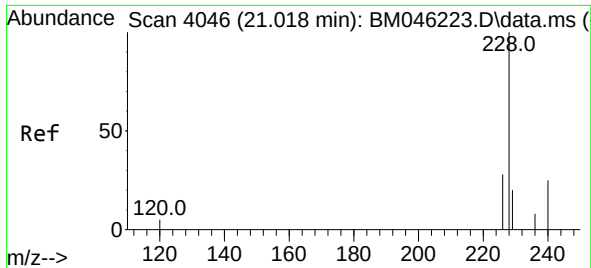


#20
Pyrene
Concen: 2.051 ng/ul
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50



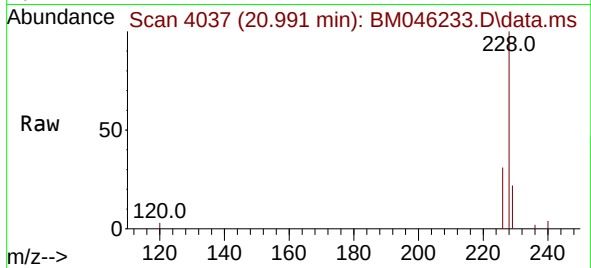
Tgt Ion:202 Resp: 72478
Ion Ratio Lower Upper
202 100
101 11.8 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.164 ng/ul
RT: 20.991 min Scan# 4046
Delta R.T. -0.038 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

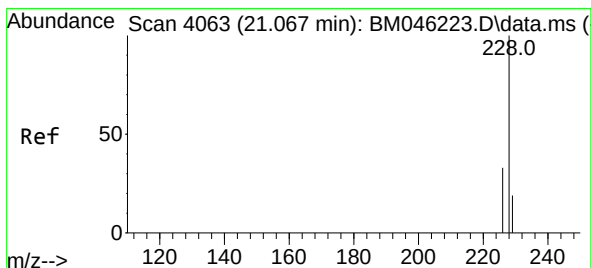
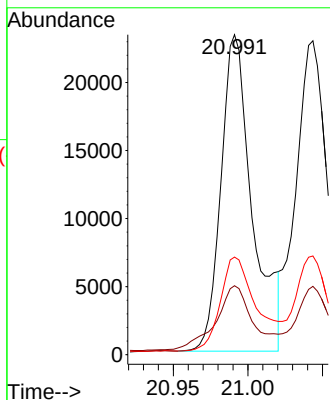
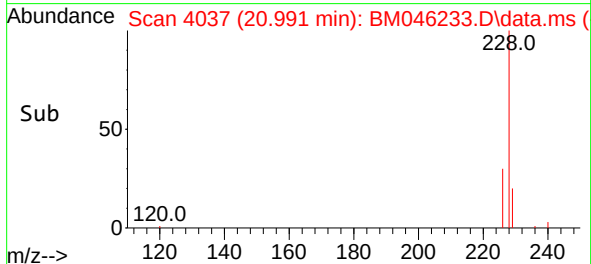
Instrument :
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A4CA9



Tgt Ion:228 Resp: 3393
Ion Ratio Lower Upper
228 100
229 21.6 16.4 24.6
226 30.5 23.4 35.2

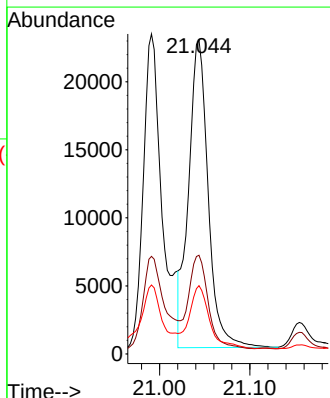
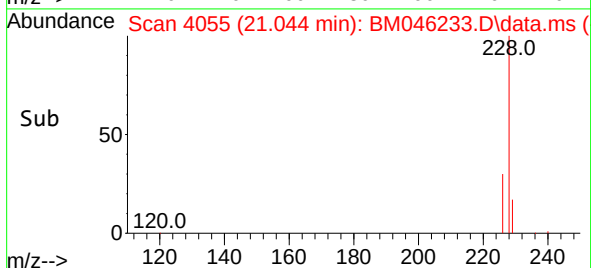
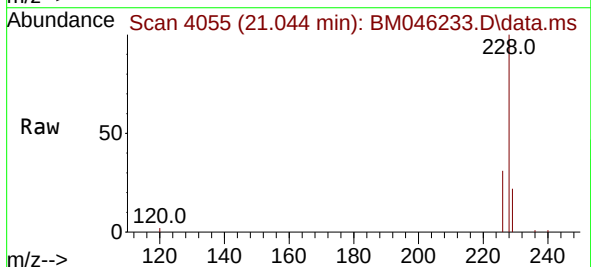
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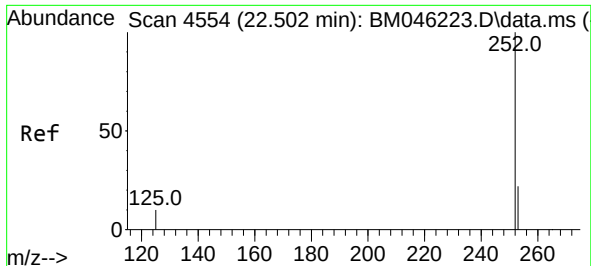
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.916 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

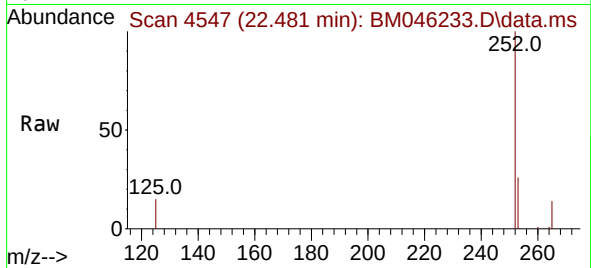
Tgt Ion:228 Resp: 34080
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.361 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

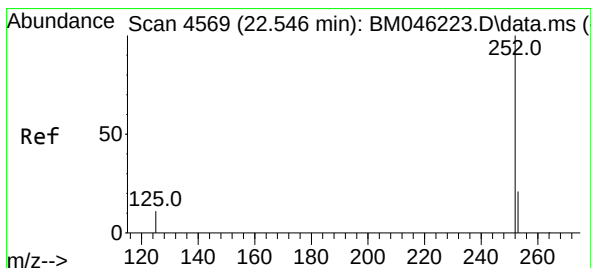
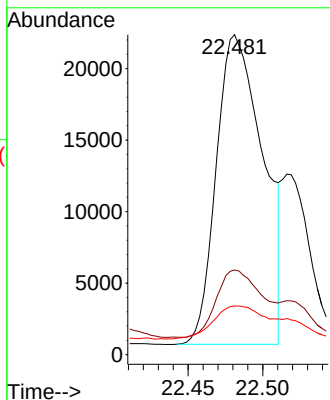
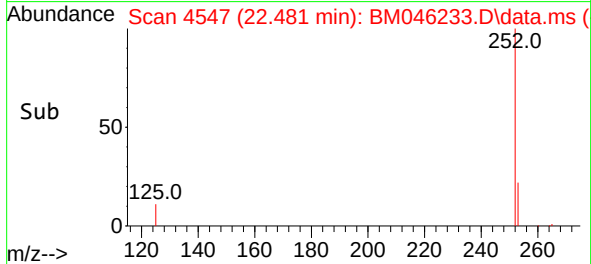
Instrument :
BNA_M
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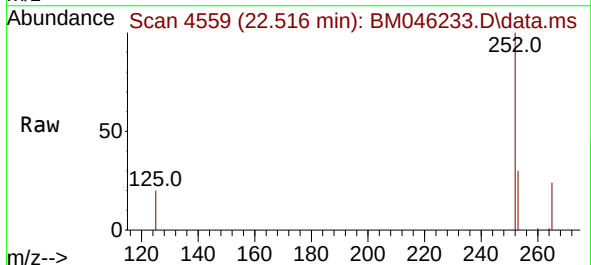
Tgt Ion:252 Resp: 47040
Ion Ratio Lower Upper
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253 26.5 0.0 65.8
125 15.2 0.0 40.2

Manual Integrations
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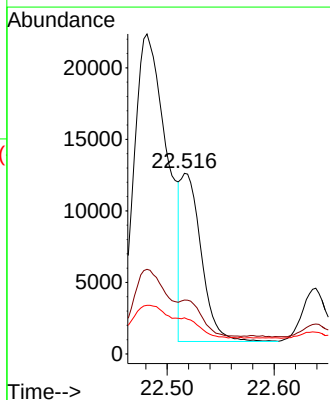
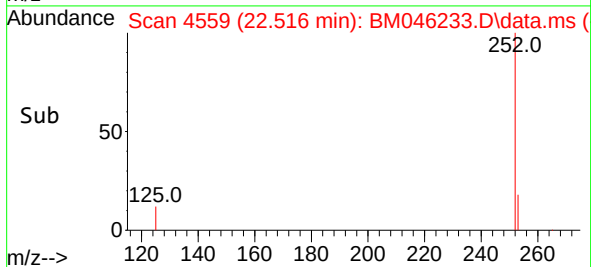
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

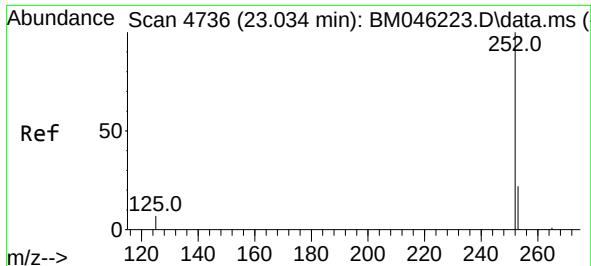


#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50



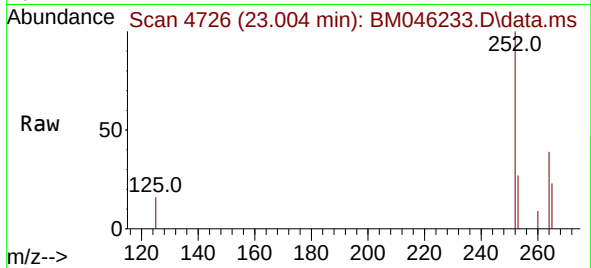
Tgt Ion:252 Resp: 15737
Ion Ratio Lower Upper
252 100
253 29.8 27.2 40.8
125 20.0 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.999 ng/ul
RT: 23.004 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

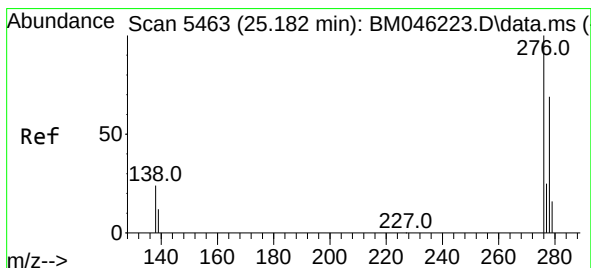
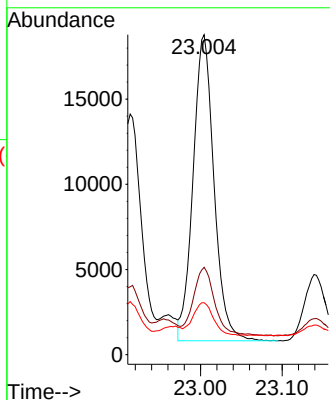
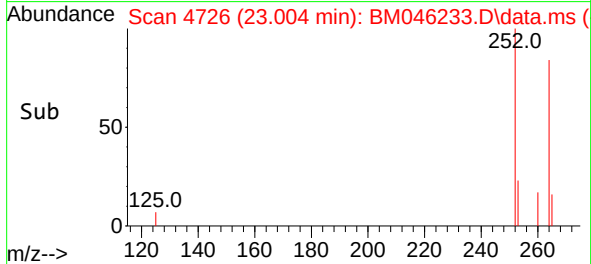
Instrument :
BNA_M
ClientSampleId :
A4CA9



Tgt Ion:252 Resp: 32008
Ion Ratio Lower Upper
252 100
253 27.3 32.1 48.1
125 16.2 21.2 31.8

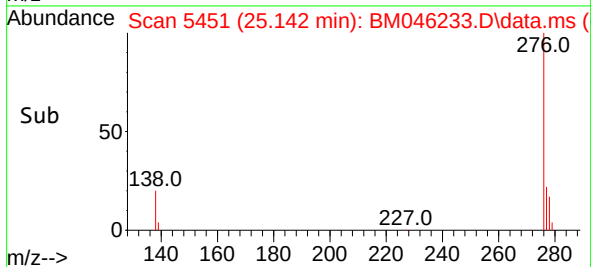
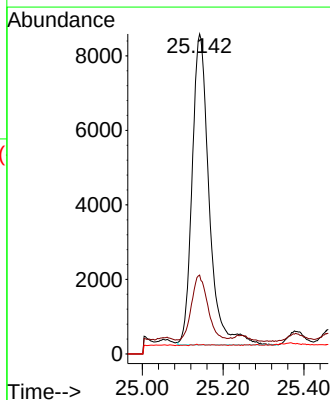
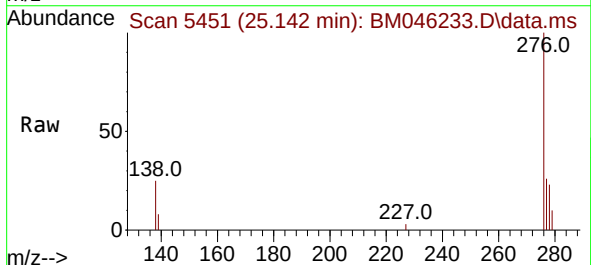
Manual Integrations
APPROVED

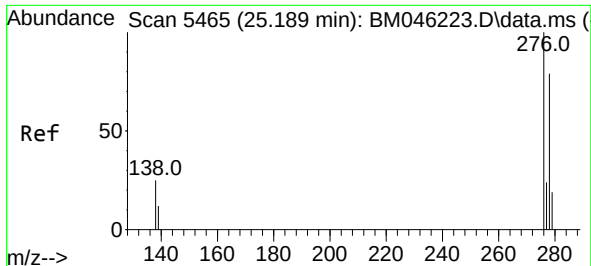
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.061 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

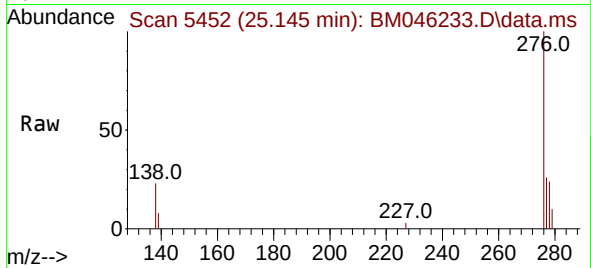
Tgt Ion:276 Resp: 24287
Ion Ratio Lower Upper
276 100
138 22.4 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.145 ng/ul
RT: 25.145 min Scan# 54
Delta R.T. -0.071 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50

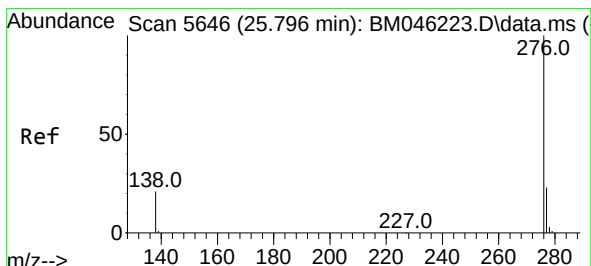
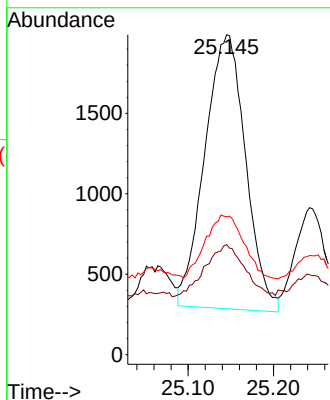
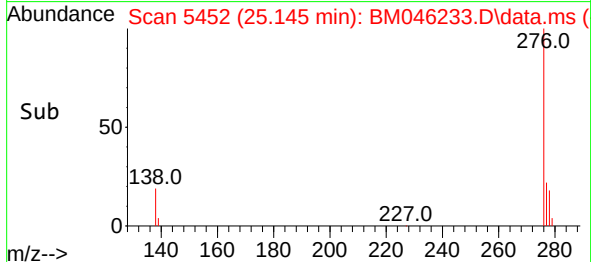
Instrument :
BNA_M
ClientSampleId :
A4CA9



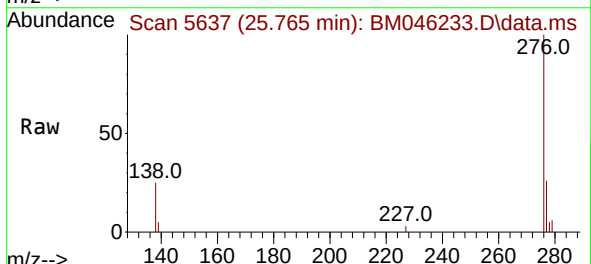
Tgt Ion:278 Resp: 5644
Ion Ratio Lower Upper
278 100
139 34.4 17.6 26.4
279 43.1 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.536 ng/ul
RT: 25.765 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046233.D
Acq: 23 Jun 2024 13:50



Tgt Ion:276 Resp: 24083
Ion Ratio Lower Upper
276 100
138 24.6 21.7 32.5
277 26.2 20.4 30.6

