

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046053.D
 Acq On : 18 Jun 2024 16:22
 Operator : MA/JU
 Sample : P2695-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 17:10:48 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3390	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	9315	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.089	164	4876	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.828	188	10446m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.024	240	8913m	0.400	ng/ul	-0.02
23) Perylene-d12	23.125	264	10591m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	13483	2.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	2473	0.198	ng/ul	-0.02
18) Fluoranthene-d10	18.857	212	5987	0.224	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.259	128	3324	0.128	ng/ul	98
7) 2-Methylnaphthalene	11.920	142	1709	0.117	ng/ul	90
8) 1-Methylnaphthalene	12.129	142	1582	0.099	ng/ul	100
10) Acenaphthylene	13.802	152	3622	0.157	ng/ul#	95
11) Acenaphthene	14.149	153	7504	0.449	ng/ul	98
12) Fluorene	15.139	166	7737	0.432	ng/ul	98
15) Phenanthrene	16.866	178	145514m	4.958	ng/ul	
16) Anthracene	16.963	178	27223m	1.245	ng/ul	
19) Fluoranthene	18.889	202	184904	4.791	ng/ul	97
20) Pyrene	19.252	202	137893	3.304	ng/ul	97
21) Benzo(a)anthracene	21.009	228	80773	2.346	ng/ul	99
22) Chrysene	21.062	228	83078	1.891	ng/ul	98
24) Benzo(b)fluoranthene	22.505	252	108584m	2.846	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	39769m	0.877	ng/ul	
26) Benzo(a)pyrene	23.031	252	43541	1.231	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.176	276	40968	0.708	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.179	278	13759	0.319	ng/ul	98
29) Benzo(g,h,i)perylene	25.799	276	6432	0.130	ng/ul#	87

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

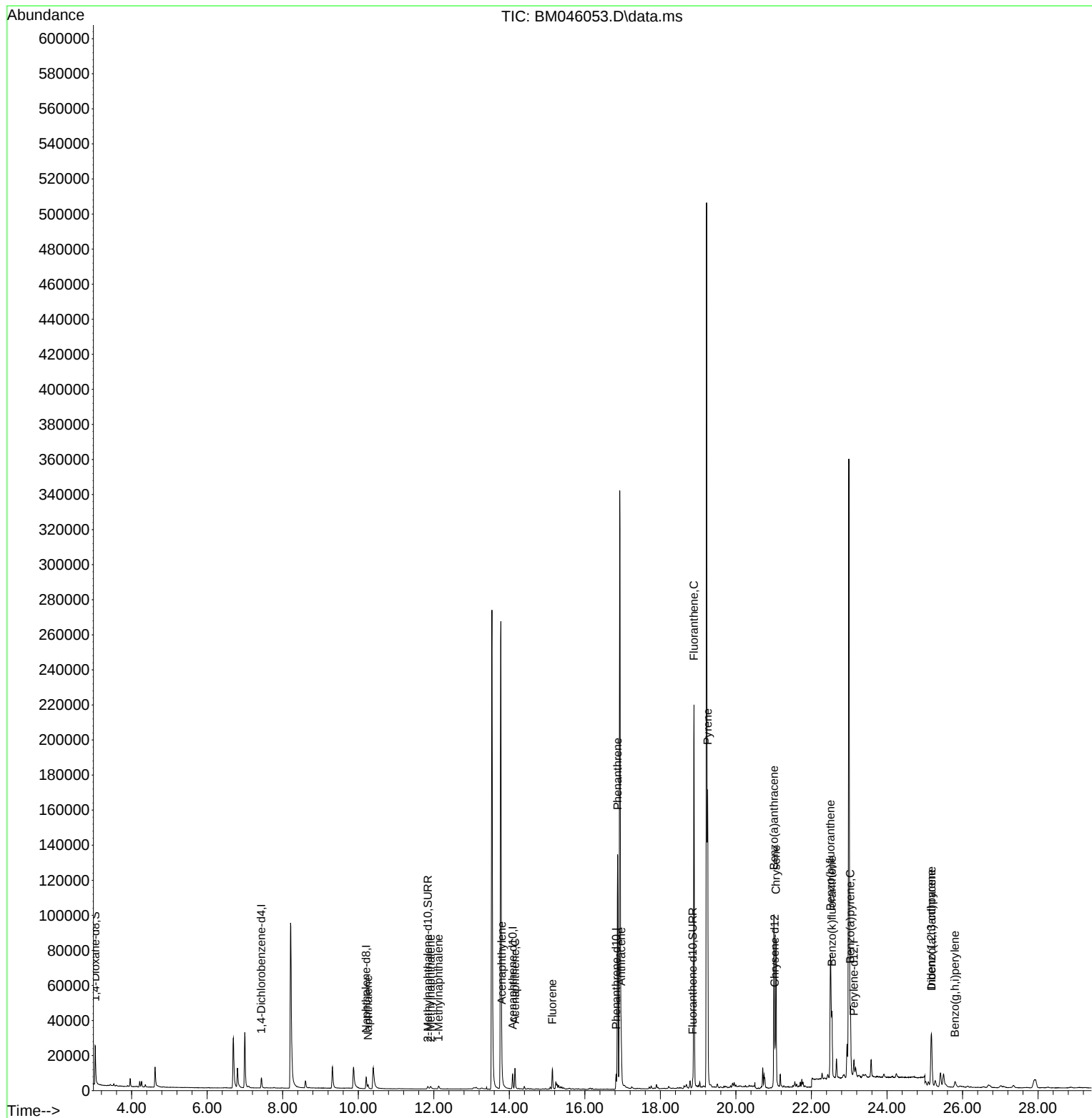
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046053.D
Acq On : 18 Jun 2024 16:22
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ALS Vial : 6 Sample Multiplier: 1

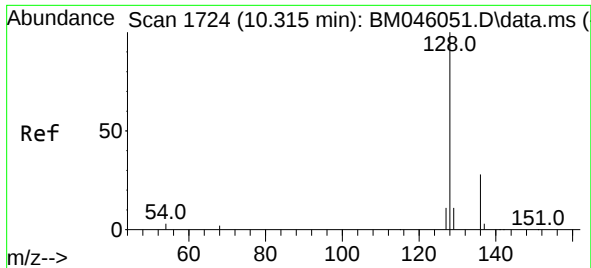
Instrument :
BNA_M
ClientSampleId :
A4BJ0

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Supervised By :mohammad ahmed 06/21/2024

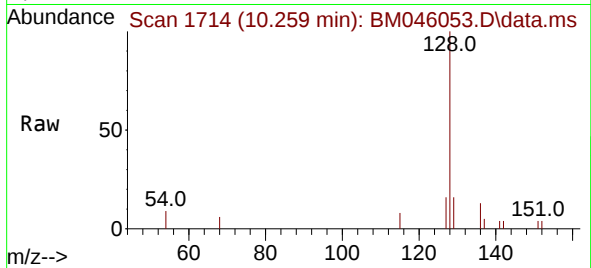
Quant Time: Jun 18 17:10:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

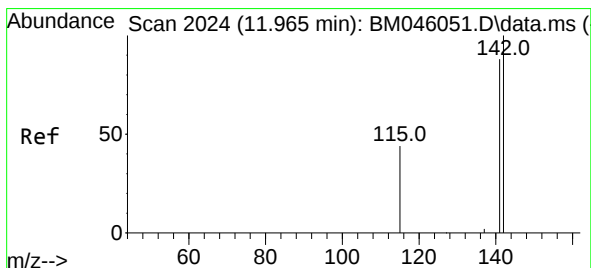
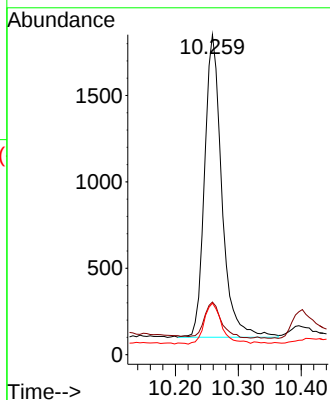
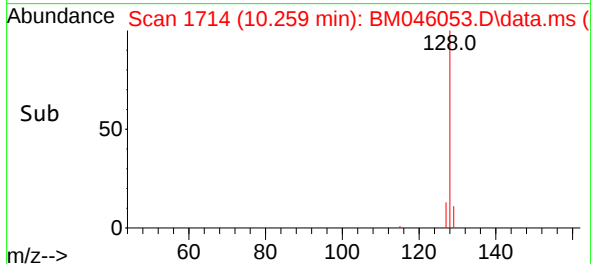
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:128 Resp: 3324
Ion Ratio Lower Upper
128 100
129 16.4 11.8 17.6
127 16.1 12.8 19.2

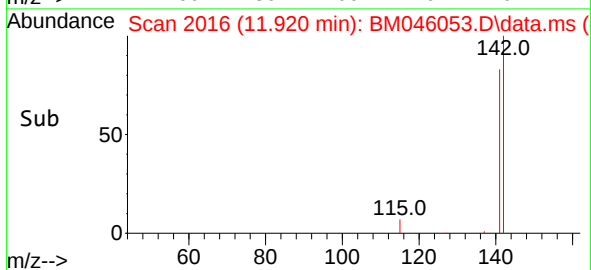
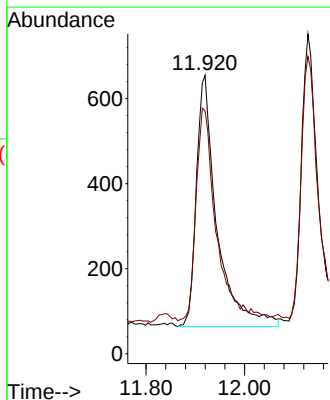
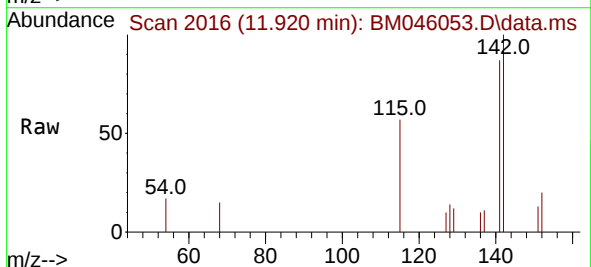
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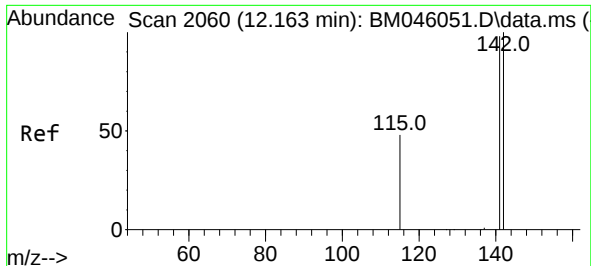
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.027 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

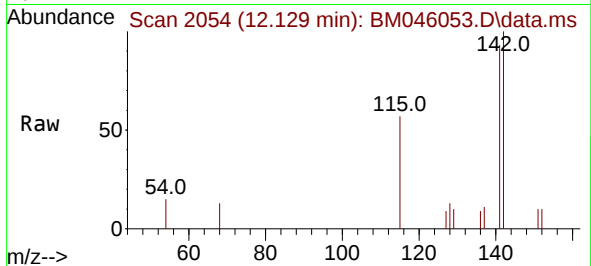
Tgt Ion:142 Resp: 1709
Ion Ratio Lower Upper
142 100
141 83.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.022 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

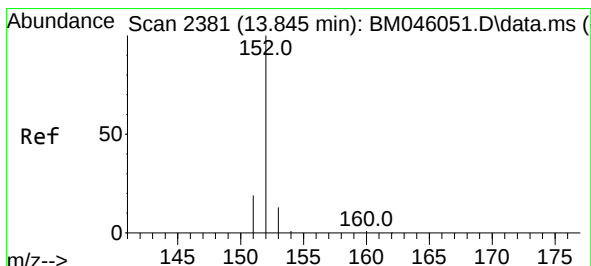
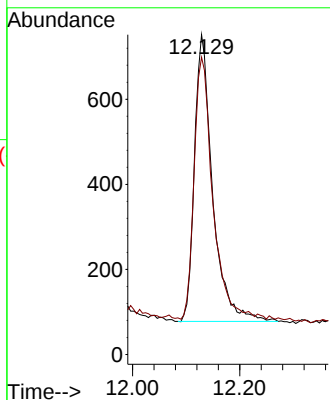
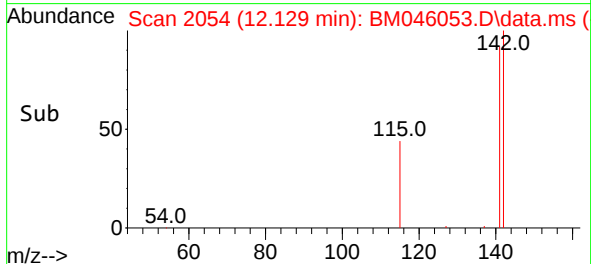
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
141 94.2 75.2 112.8

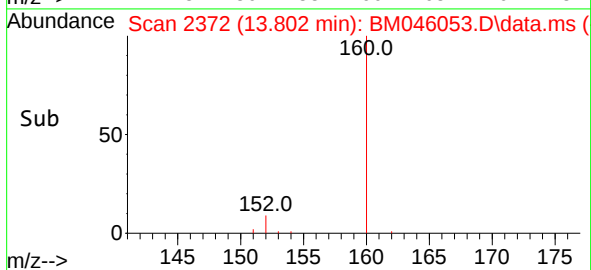
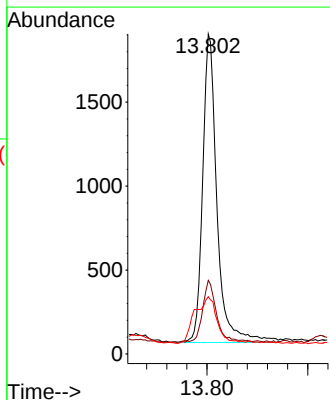
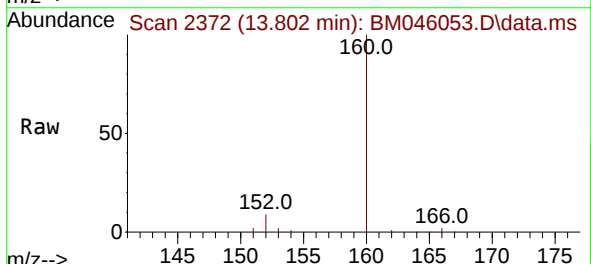
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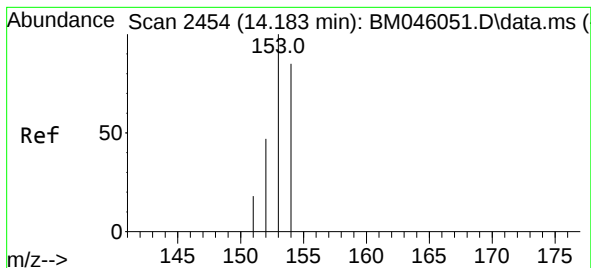
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 13.802 min Scan# 2372
Delta R.T. -0.032 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

Tgt Ion:152 Resp: 3622
Ion Ratio Lower Upper
152 100
151 23.0 17.4 26.2
153 17.9 11.8 17.8#





#11

Acenaphthene

Concen: 0.449 ng/u1

RT: 14.149 min Scan# 2454

Delta R.T. -0.023 min

Lab File: BM046053.D

Acq: 18 Jun 2024 16:22

Instrument :

BNA_M

ClientSampleId :

A4BJ0

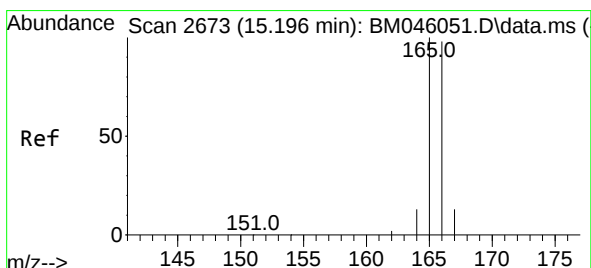
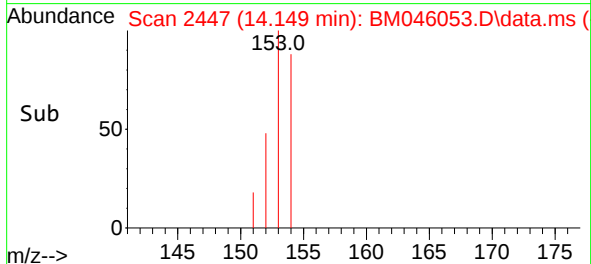
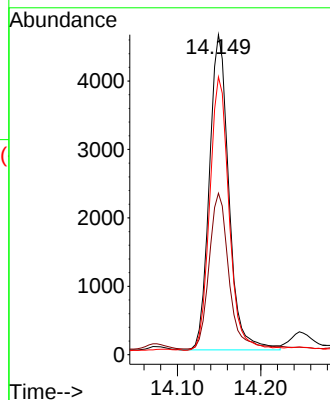
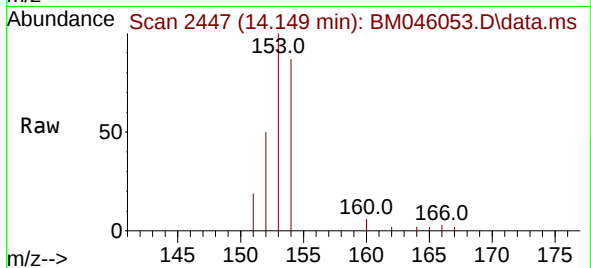
Tgt Ion:153 Resp: 7504

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.3	61.9
154	86.8	68.2	102.4

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Supervised By :mohammad ahmed 06/21/2024



#12

Fluorene

Concen: 0.432 ng/u1

RT: 15.139 min Scan# 2661

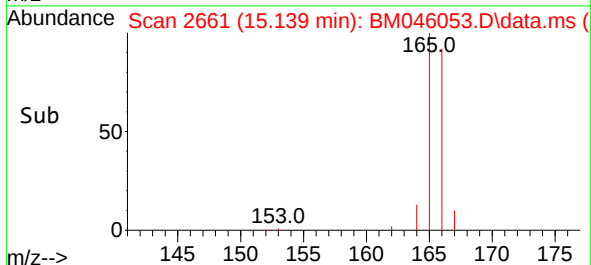
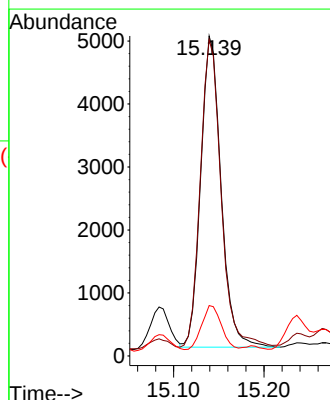
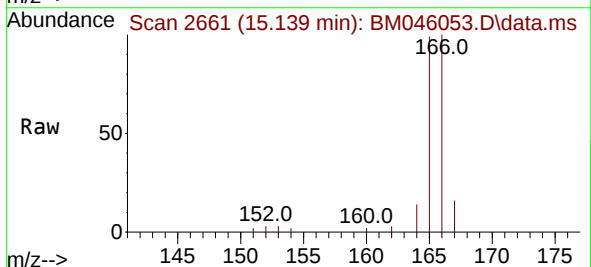
Delta R.T. -0.042 min

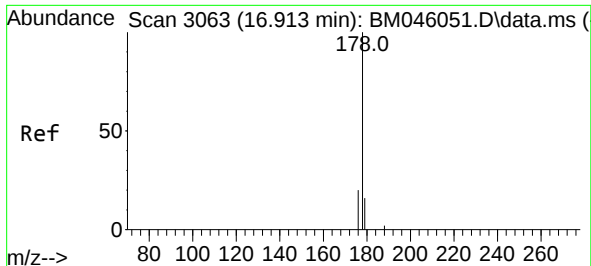
Lab File: BM046053.D

Acq: 18 Jun 2024 16:22

Tgt Ion:166 Resp: 7737

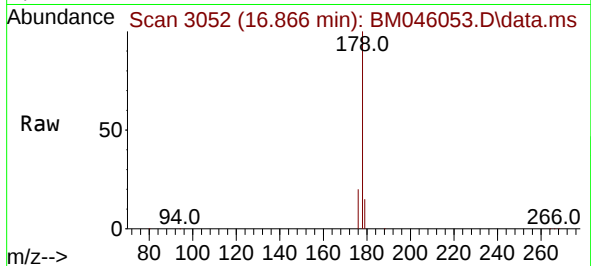
Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.4	120.6
167	15.7	12.4	18.6





#15
Phenanthrene
Concen: 4.958 ng/ul m
RT: 16.866 min Scan# 3052
Delta R.T. -0.038 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

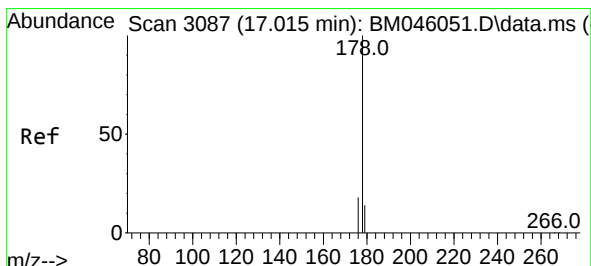
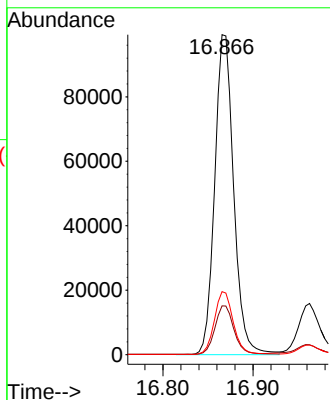
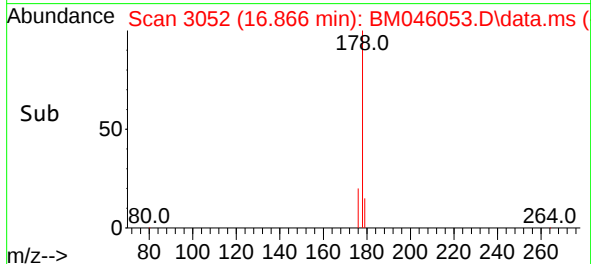
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:178 Resp: 145514
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.7 17.1 25.7

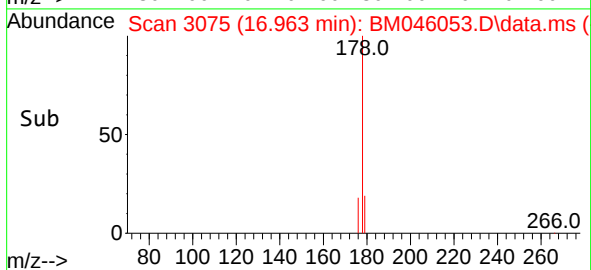
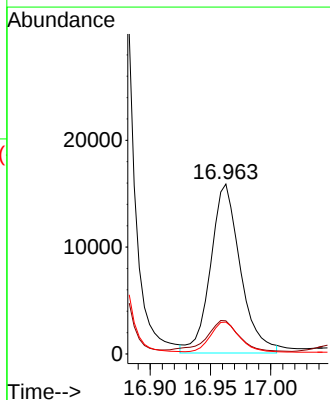
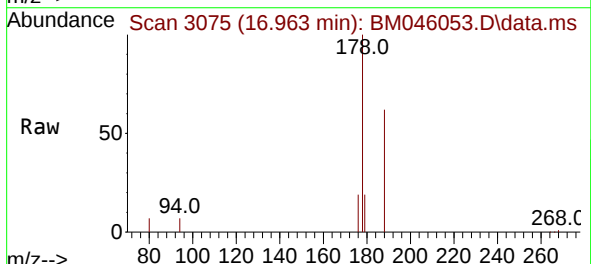
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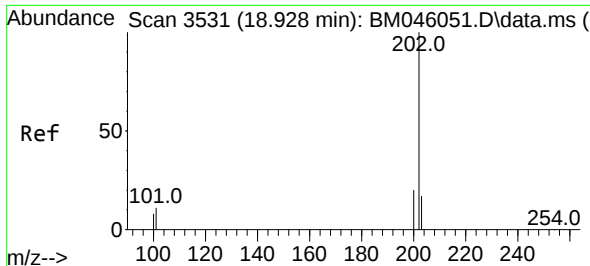
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 1.245 ng/ul m
RT: 16.963 min Scan# 3075
Delta R.T. -0.042 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

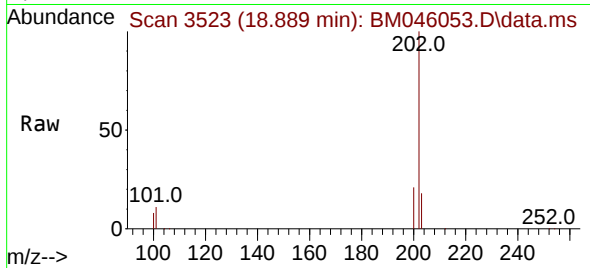
Tgt Ion:178 Resp: 27223
Ion Ratio Lower Upper
178 100
179 19.5 14.9 22.3
176 18.7 17.0 25.4





#19
Fluoranthene
Concen: 4.791 ng/u1
RT: 18.889 min Scan# 31
Delta R.T. -0.028 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

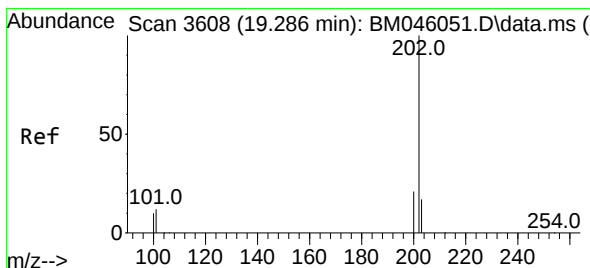
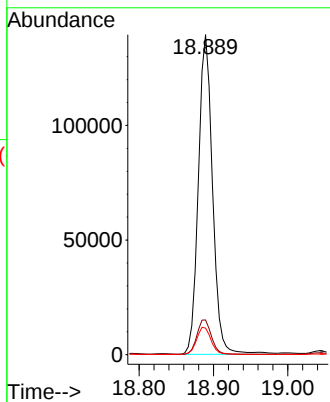
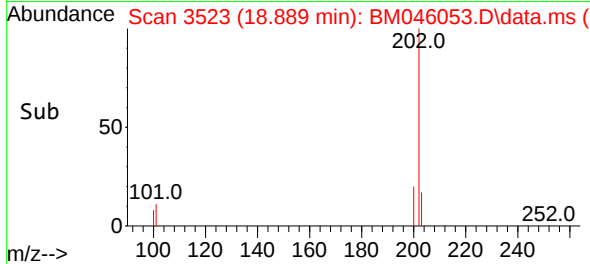
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ClientSampleId :
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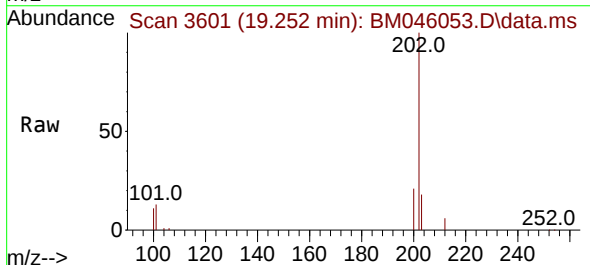
Tgt Ion:202 Resp: 184904
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.3 7.6 11.4

Manual Integrations
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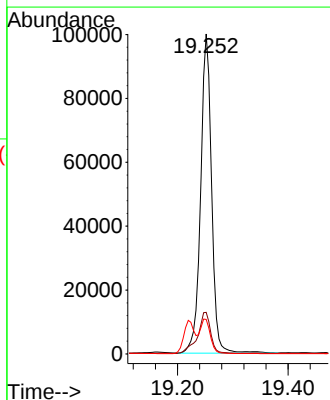
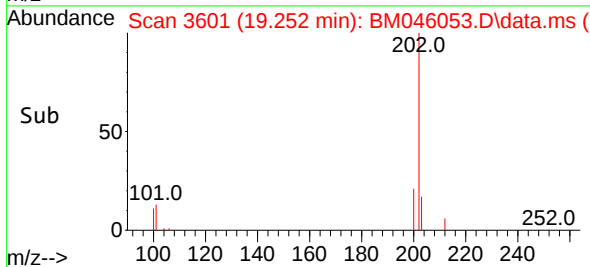
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

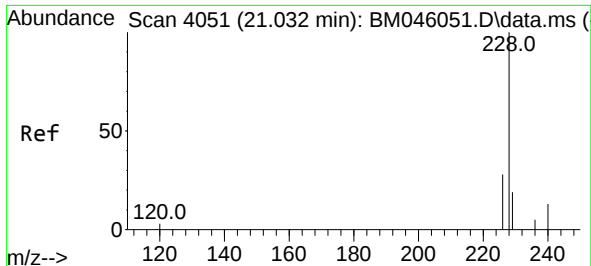


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Pyrene
Concen: 3.304 ng/u1
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22



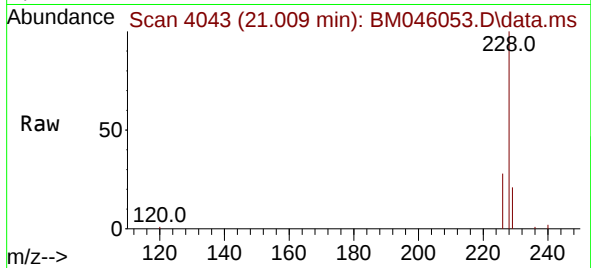
Tgt Ion:202 Resp: 137893
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.346 ng/ul
RT: 21.009 min Scan# 4051
Delta R.T. -0.020 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

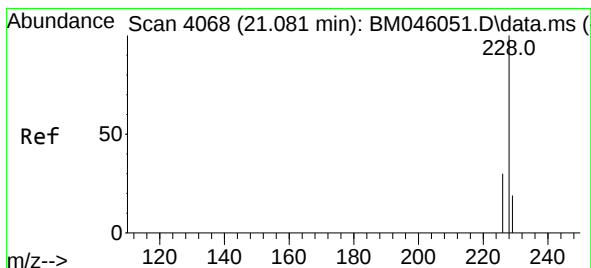
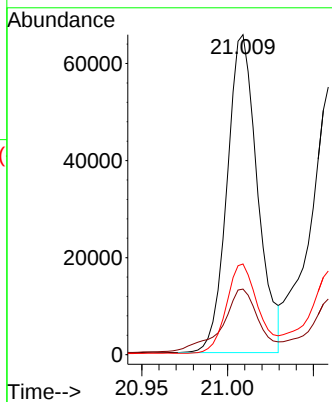
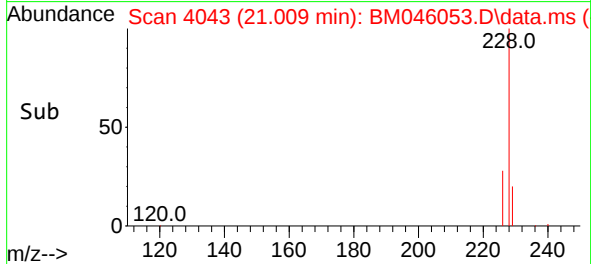
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:228 Resp: 8077
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.3 23.4 35.2

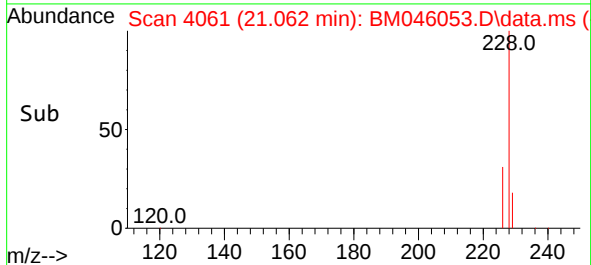
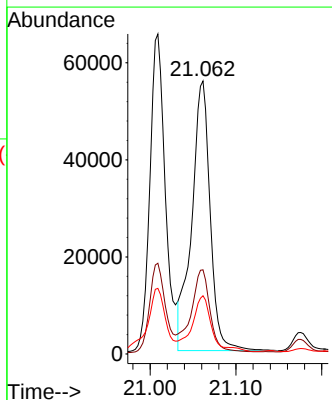
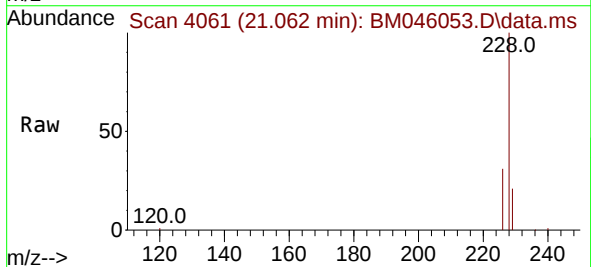
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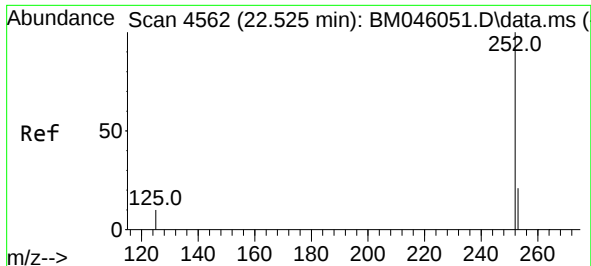
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.891 ng/ul
RT: 21.062 min Scan# 4061
Delta R.T. -0.015 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

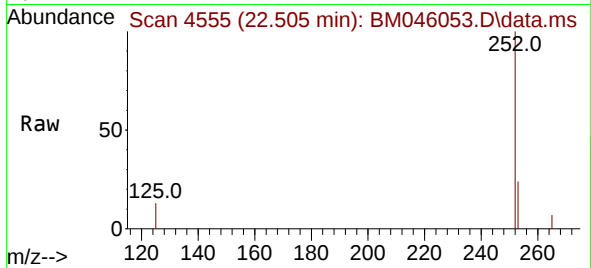
Tgt Ion:228 Resp: 83078
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.846 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

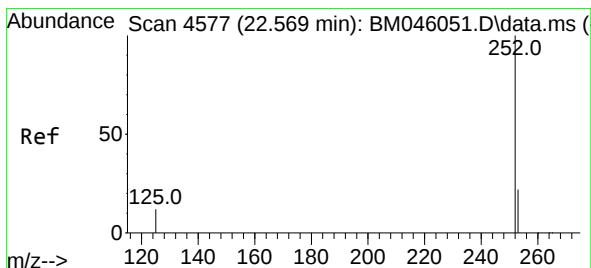
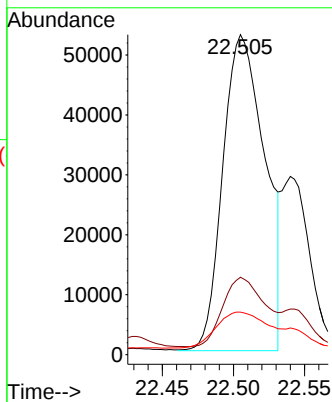
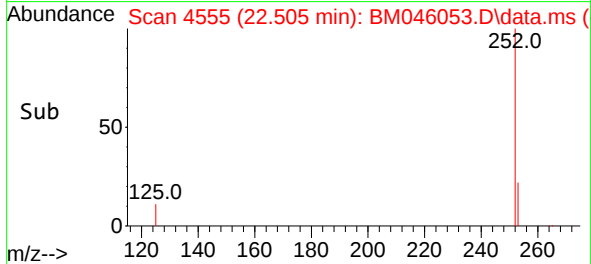
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:252 Resp: 108584
Ion Ratio Lower Upper
252 100
253 24.2 0.0 65.8
125 13.3 0.0 40.2

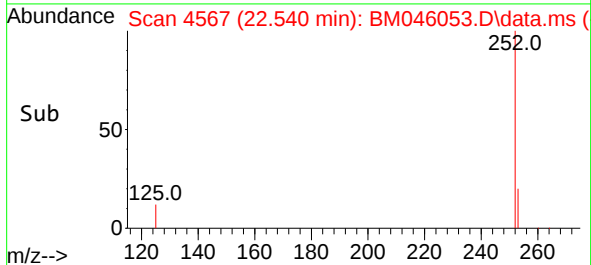
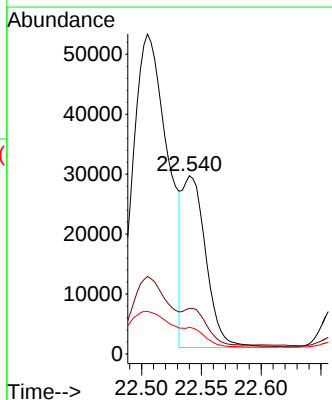
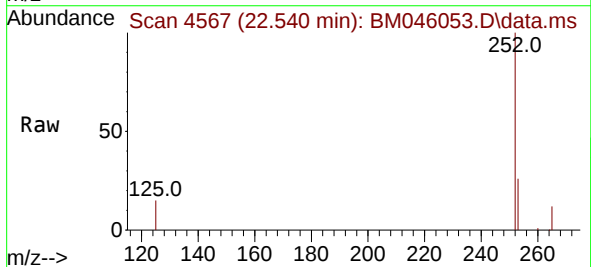
Manual Integrations
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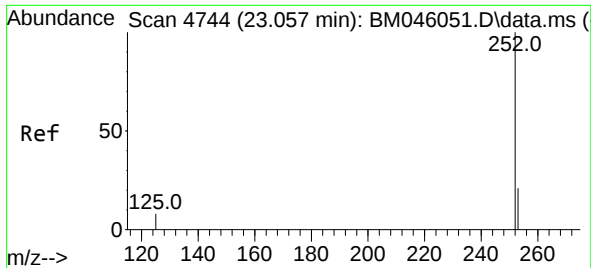
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.877 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. -0.023 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

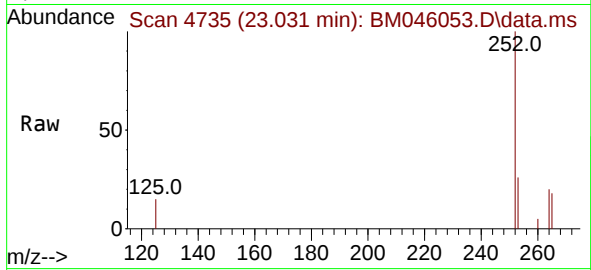
Tgt Ion:252 Resp: 39769
Ion Ratio Lower Upper
252 100
253 25.6 27.2 40.8#
125 15.0 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.231 ng/ul
RT: 23.031 min Scan# 4735
Delta R.T. -0.023 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

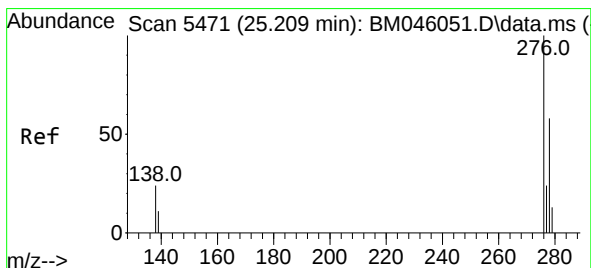
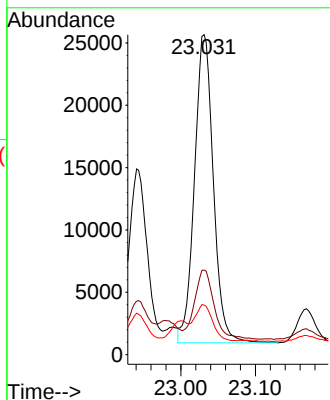
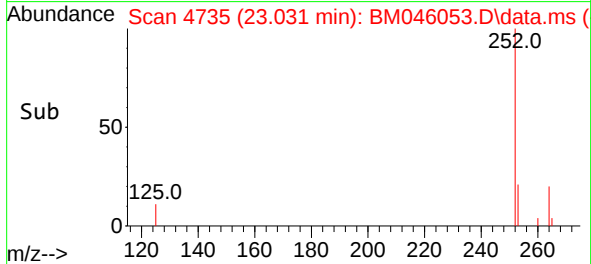
Instrument :
BNA_M
ClientSampleId :
A4BJ0



Tgt Ion:252 Resp: 4354
Ion Ratio Lower Upper
252 100
253 26.5 32.1 48.1
125 15.5 21.2 31.8

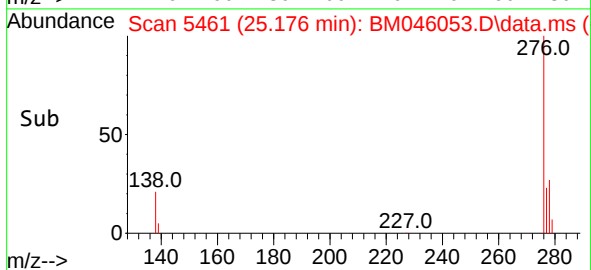
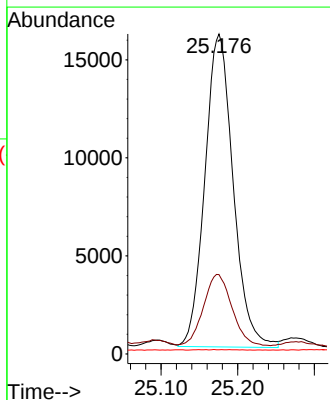
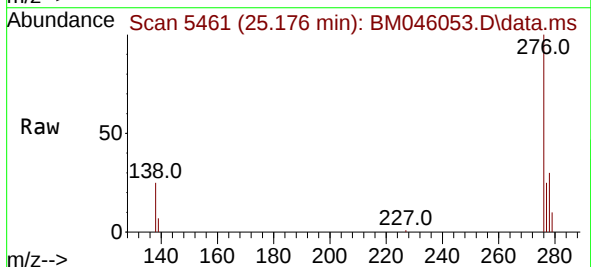
Manual Integrations
APPROVED

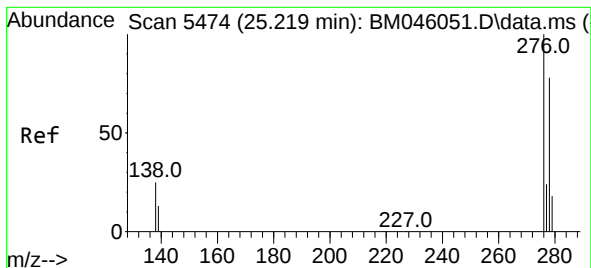
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.708 ng/ul
RT: 25.176 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046053.D
Acq: 18 Jun 2024 16:22

Tgt Ion:276 Resp: 40968
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.319 ng/ul

RT: 25.179 min Scan# 54

Delta R.T. -0.037 min

Lab File: BM046053.D

Acq: 18 Jun 2024 16:22

Instrument :

BNA_M

ClientSampleId :

A4BJ0

Tgt Ion:278 Resp: 1375

Ion Ratio Lower Upper

278 100

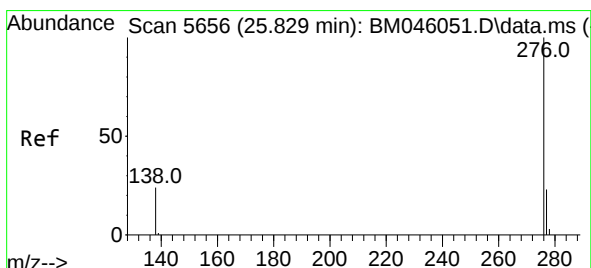
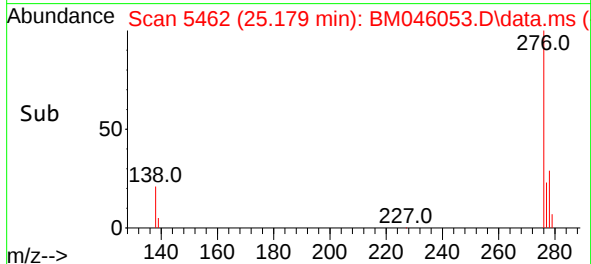
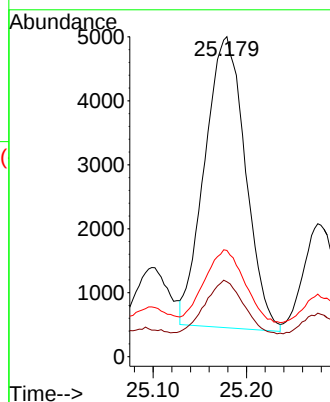
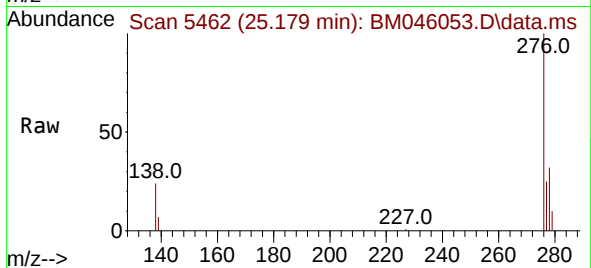
139 23.4 17.6 26.4

279 33.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.130 ng/ul

RT: 25.799 min Scan# 5647

Delta R.T. -0.030 min

Lab File: BM046053.D

Acq: 18 Jun 2024 16:22

Tgt Ion:276 Resp: 6432

Ion Ratio Lower Upper

276 100

138 34.3 21.7 32.5#

277 32.0 20.4 30.6#

