

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046109.D
 Acq On : 20 Jun 2024 05:45
 Operator : MA/JU
 Sample : P2696-09MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 06:14:29 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	7.443	152	2578	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	7429	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.085	164	4242	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	8809	0.400	ng/ul	-0.04
17) Chrysene-d12	21.012	240	7317	0.400	ng/ul	#-0.03
23) Perylene-d12	23.107	264	10745	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	1382	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	2337	0.234	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	5794	0.264	ng/ul	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.071	88	3576	0.901	ng/ul#	87
5) Naphthalene	10.275	128	8298	0.401	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	3988	0.342	ng/ul	98
8) 1-Methylnaphthalene	12.118	142	3945	0.308	ng/ul	98
10) Acenaphthylene	13.807	152	12469	0.620	ng/ul	99
11) Acenaphthene	14.145	153	6950	0.478	ng/ul	99
12) Fluorene	15.144	166	7699	0.494	ng/ul	100
14) Pentachlorophenol	16.507	266	1150	0.436	ng/ul	97
15) Phenanthrene	16.861	178	105376	4.258	ng/ul	96
16) Anthracene	16.959	178	22084	1.198	ng/ul	97
19) Fluoranthene	18.875	202	306416	9.672	ng/ul	99
20) Pyrene	19.243	202	218849	6.388	ng/ul	96
21) Benzo(a)anthracene	20.994	228	128673	4.553	ng/ul	100
22) Chrysene	21.047	228	158303	4.389	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	240588m	6.215	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	99335m	2.158	ng/ul	
26) Benzo(a)pyrene	23.017	252	85858	2.393	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.149	276	101491	1.729	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	36439	0.834	ng/ul	94
29) Benzo(g,h,i)perylene	25.776	276	15594	0.310	ng/ul	96

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

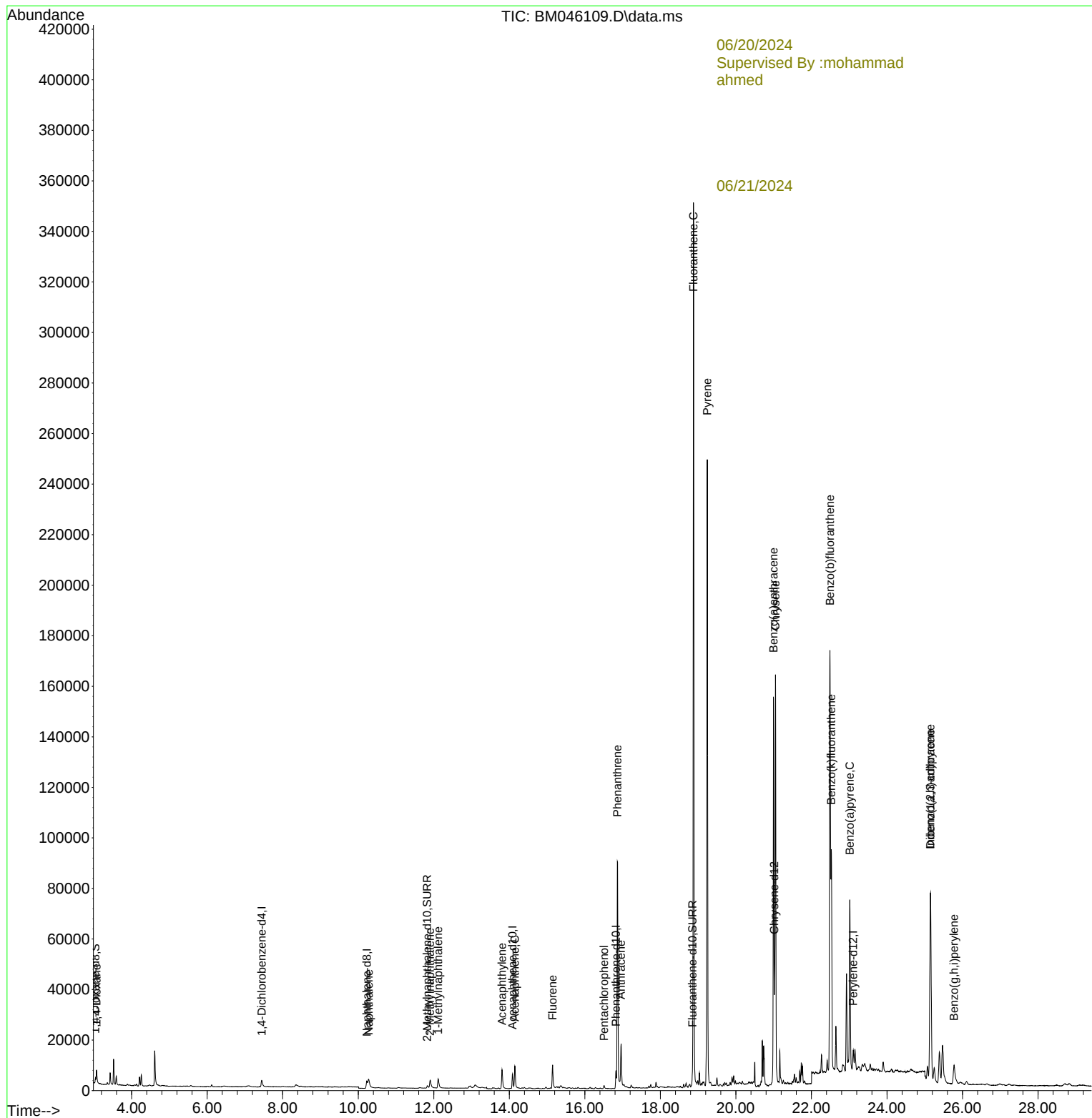
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046109.D
Acq On : 20 Jun 2024 05:45
Operator : MA/JU
Sample : P2696-09MS
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ALS Vial : 26 Sample Multiplier: 1

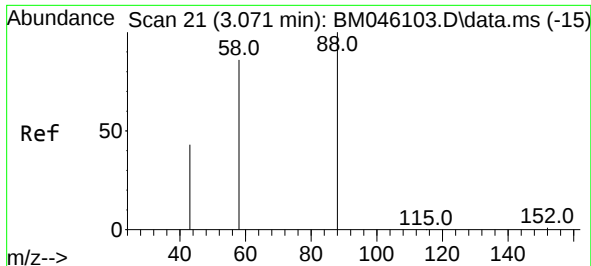
Instrument :
BNA_M
ClientSampleId :
A4BN7MS

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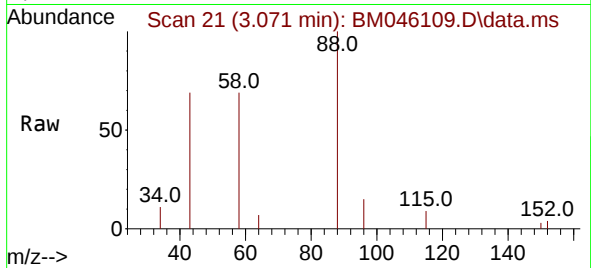
Quant Time: Jun 20 06:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.901 ng/ul
RT: 3.071 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

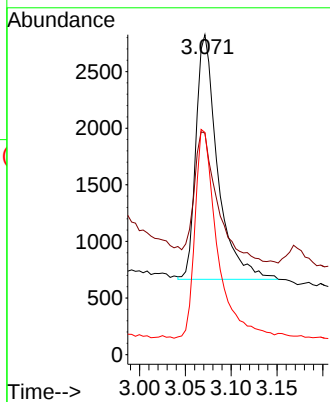
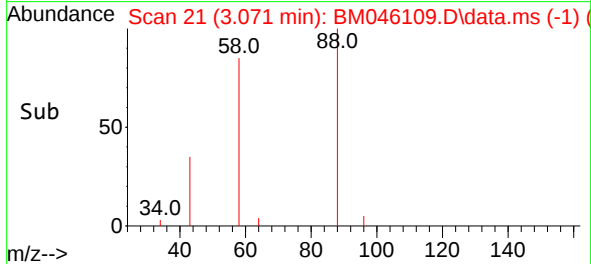
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion: 88 Resp: 3570
Ion Ratio Lower Upper
88 100
43 69.2 69.8 104.8
58 69.4 53.2 79.8

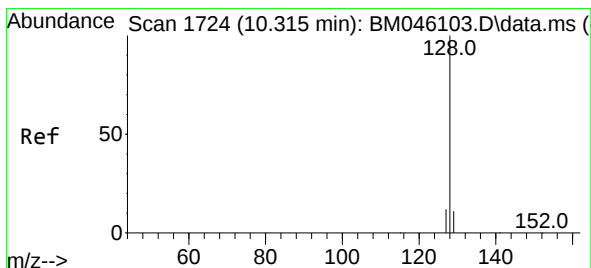
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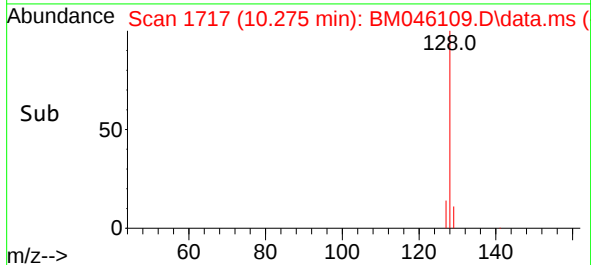
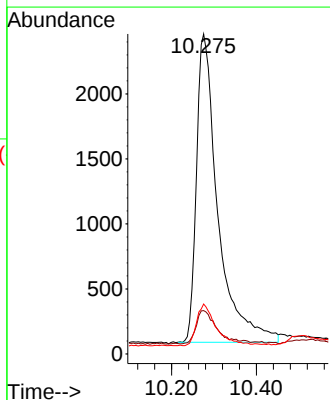
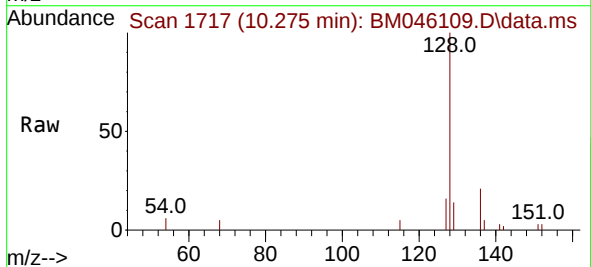
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Supervised By :mohammad
ahmed

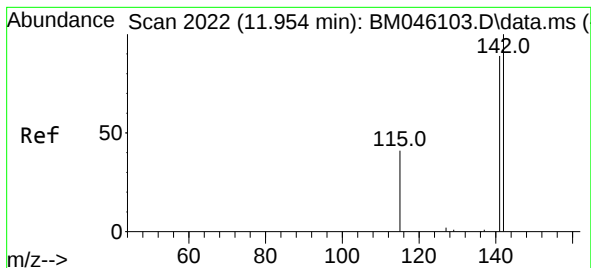
06/21/2024



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.027 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

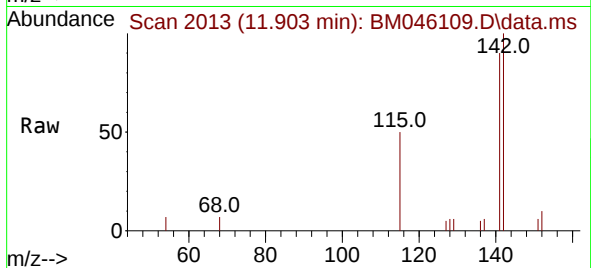
Tgt Ion:128 Resp: 8298
Ion Ratio Lower Upper
128 100
129 13.5 11.8 17.6
127 15.6 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

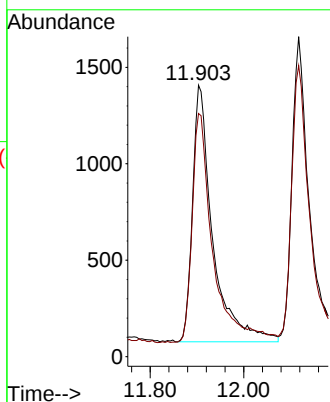
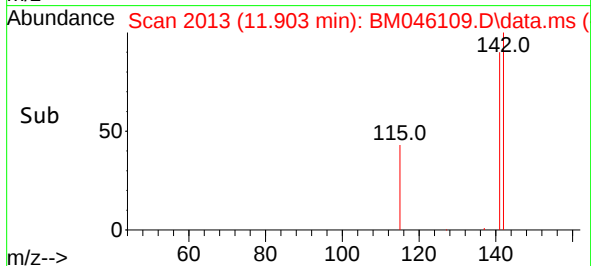
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:142 Resp: 3988
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8

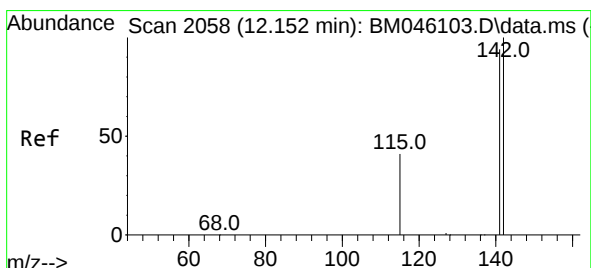
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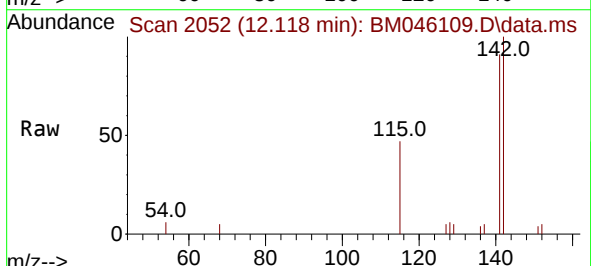


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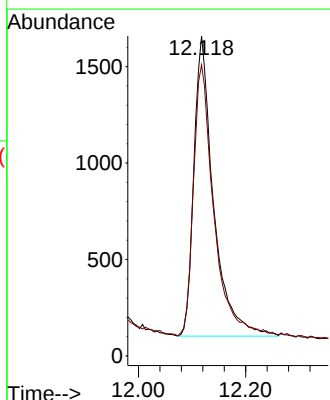
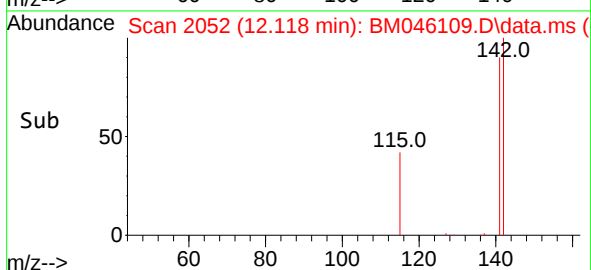
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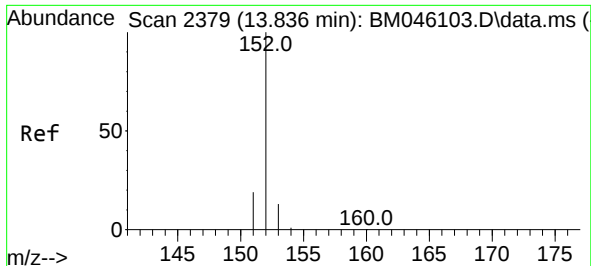


#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.118 min Scan# 2052
Delta R.T. -0.033 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45



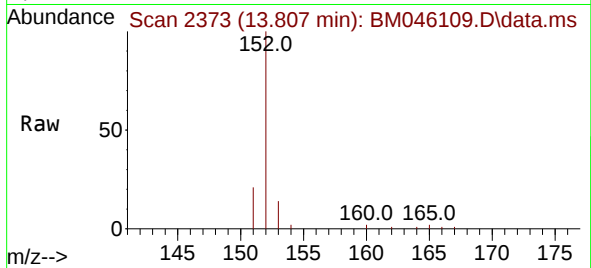
Tgt Ion:142 Resp: 3945
Ion Ratio Lower Upper
142 100
141 96.0 75.2 112.8





#10
Acenaphthylene
Concen: 0.620 ng/ul
RT: 13.807 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

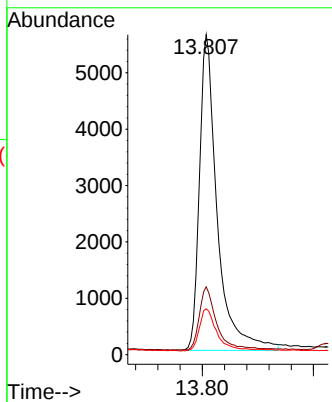
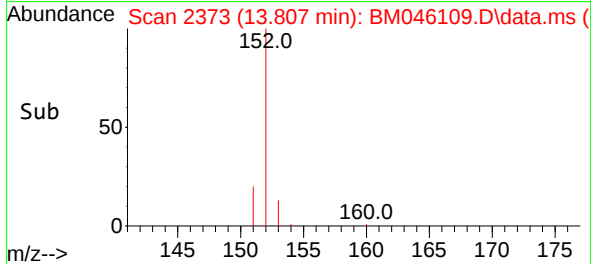
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:152 Resp: 12469
Ion Ratio Lower Upper
152 100
151 21.2 17.4 26.2
153 14.4 11.8 17.8

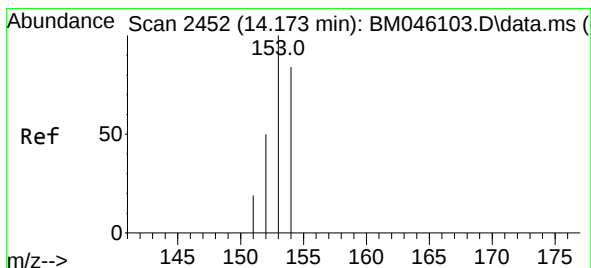
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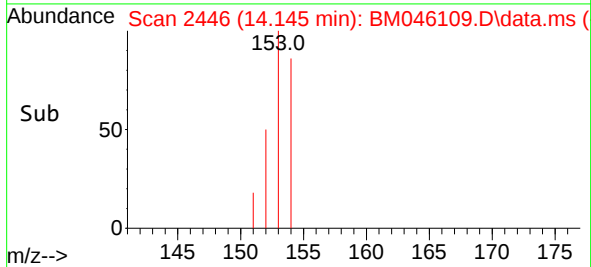
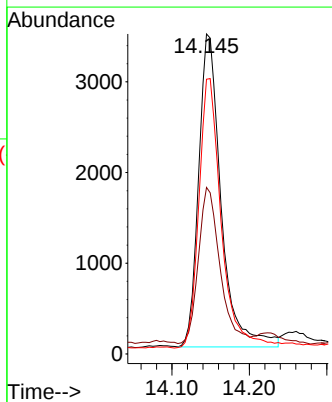
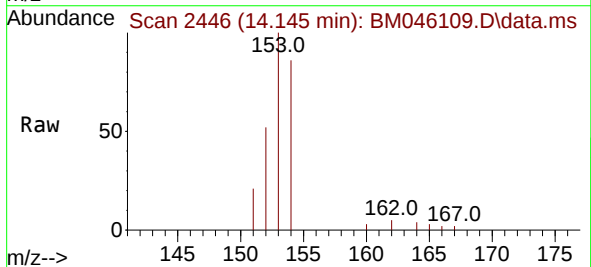
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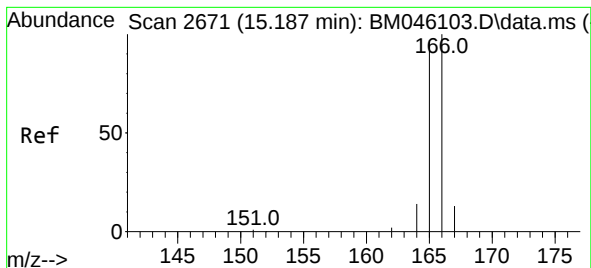
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#11
Acenaphthene
Concen: 0.478 ng/ul
RT: 14.145 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

Tgt Ion:153 Resp: 6950
Ion Ratio Lower Upper
153 100
152 52.0 41.3 61.9
154 85.8 68.2 102.4





#12

Fluorene

Concen: 0.494 ng/ul

RT: 15.144 min Scan# 2067

Delta R.T. -0.037 min

Lab File: BM046109.D

Acq: 20 Jun 2024 05:45

Instrument :

BNA_M

ClientSampleId :

A4BN7MS

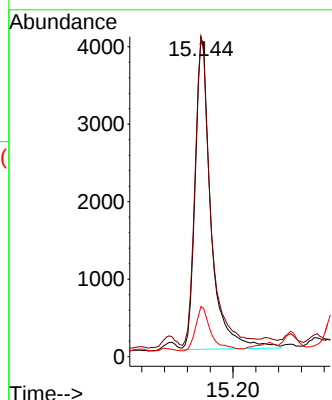
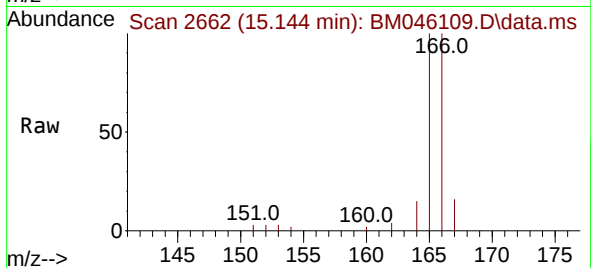
Tgt Ion:166 Resp: 769

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.4	120.6
167	15.7	12.4	18.6

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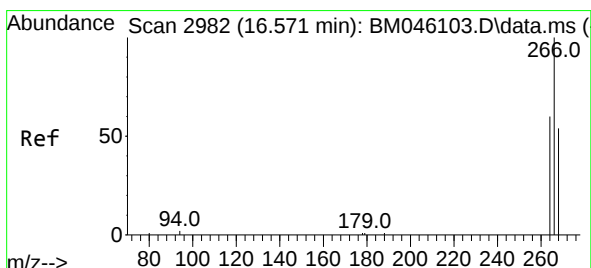
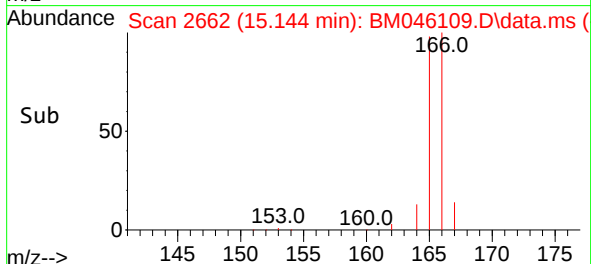
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#14

Pentachlorophenol

Concen: 0.436 ng/ul

RT: 16.507 min Scan# 2967

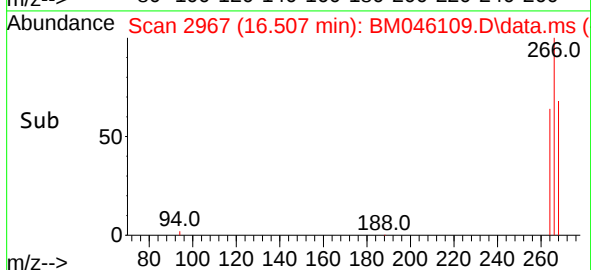
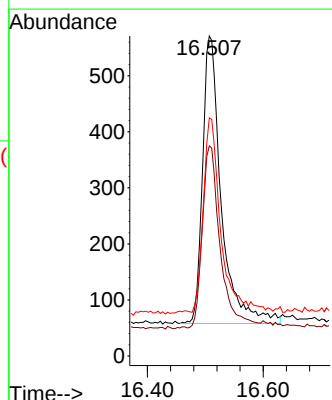
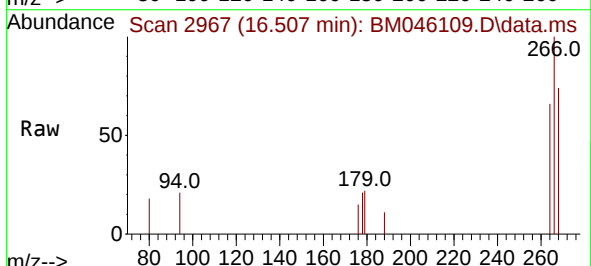
Delta R.T. -0.059 min

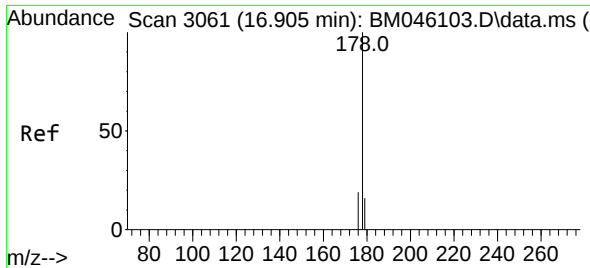
Lab File: BM046109.D

Acq: 20 Jun 2024 05:45

Tgt Ion:266 Resp: 1150

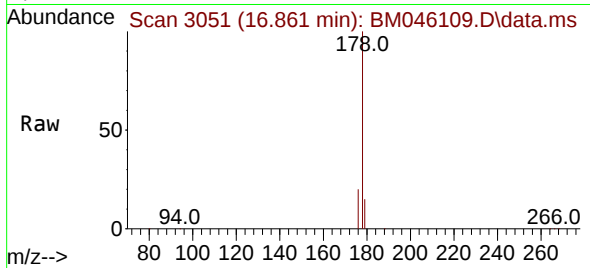
Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.9	76.3
268	62.2	52.3	78.5





#15
Phenanthrene
Concen: 4.258 ng/ul
RT: 16.861 min Scan# 3074
Delta R.T. -0.042 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

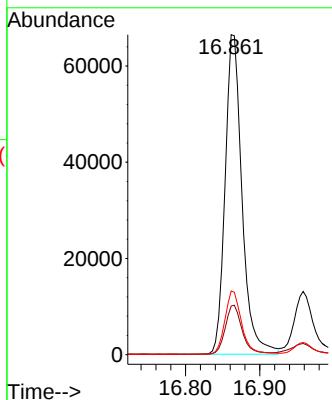
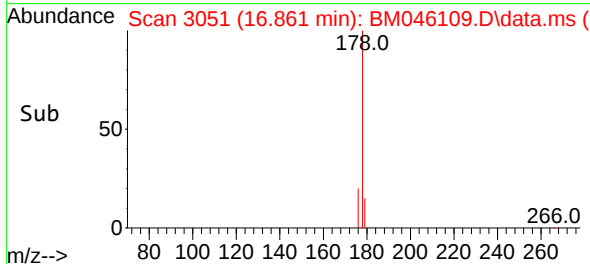
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:178 Resp: 105370
Ion Ratio Lower Upper
178 100
179 15.2 14.2 21.2
176 19.9 17.1 25.7

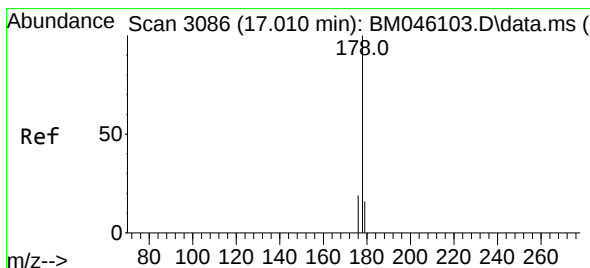
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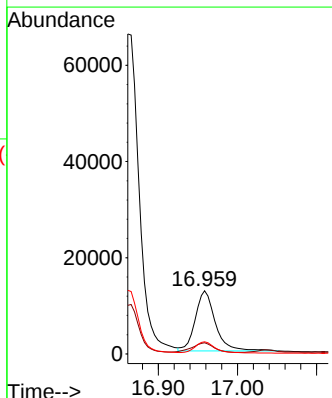
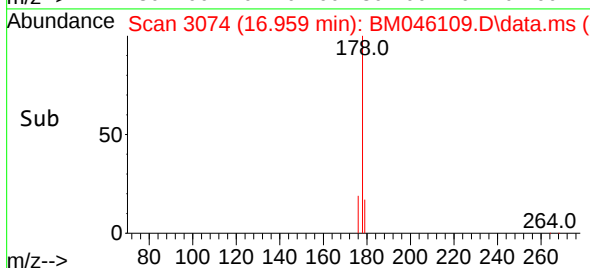
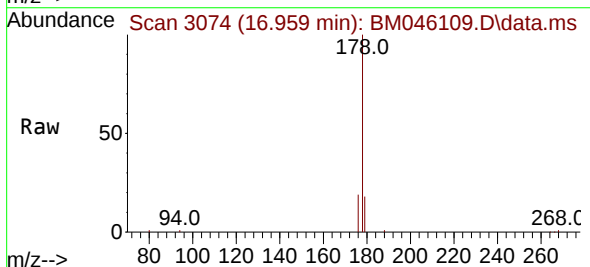
06/20/2024
Supervised By :mohammad
ahmed

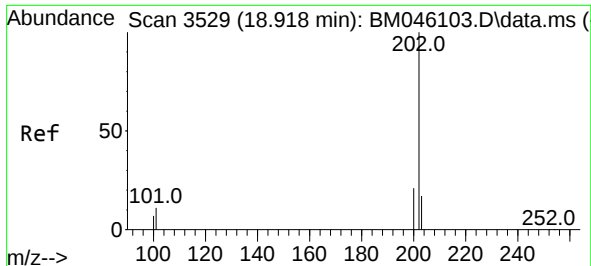
06/21/2024



#16
Anthracene
Concen: 1.198 ng/ul
RT: 16.959 min Scan# 3074
Delta R.T. -0.046 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

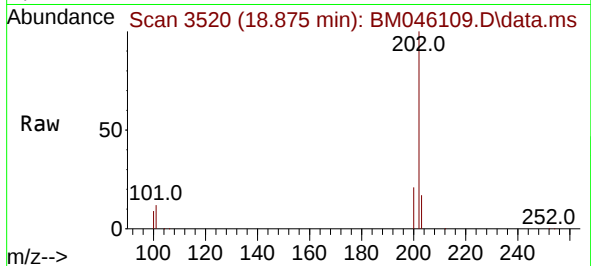
Tgt Ion:178 Resp: 22084
Ion Ratio Lower Upper
178 100
179 17.7 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 9.672 ng/u1
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

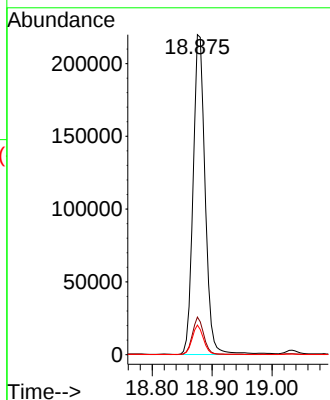
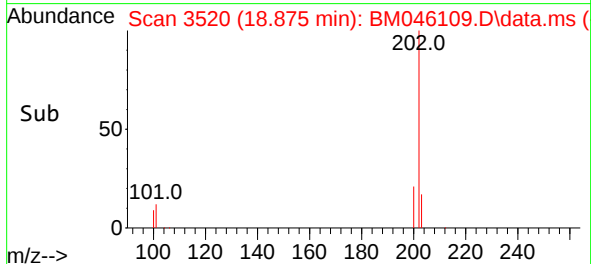
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:202 Resp: 306410
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 9.3 7.6 11.4

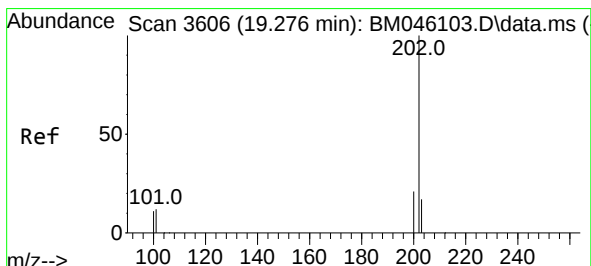
Manual Integrations
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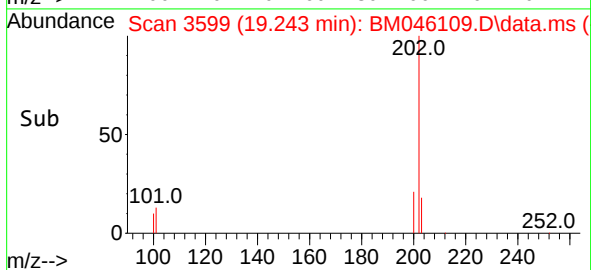
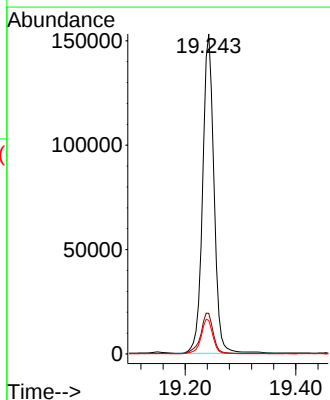
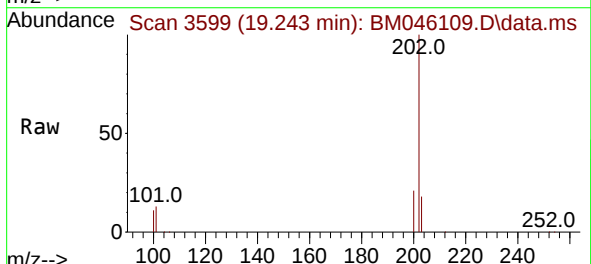
06/20/2024
Supervised By :mohammad
ahmed

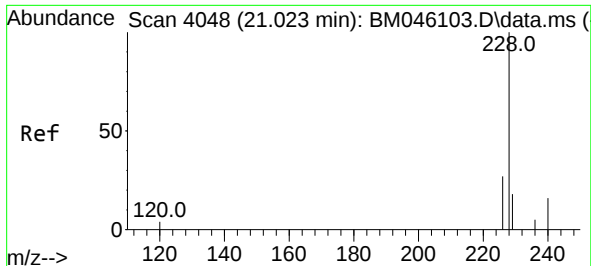
06/21/2024



#20
Pyrene
Concen: 6.388 ng/u1
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

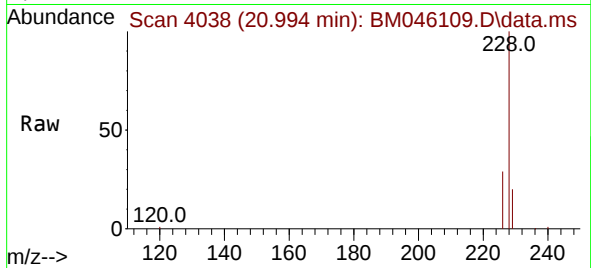
Tgt Ion:202 Resp: 218849
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.553 ng/ul
RT: 20.994 min Scan# 4048
Delta R.T. -0.035 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

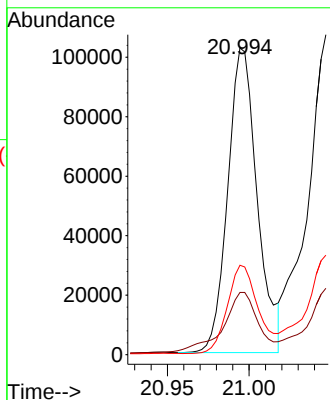
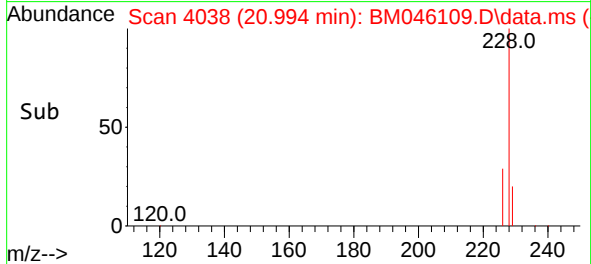
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:228 Resp: 12867
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 29.2 23.4 35.2

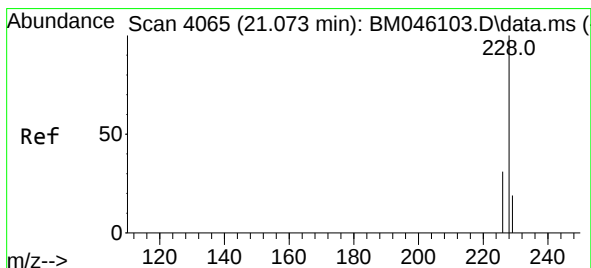
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Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



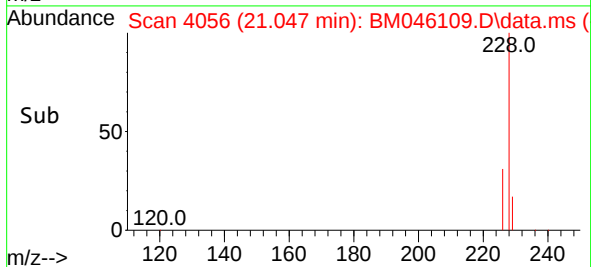
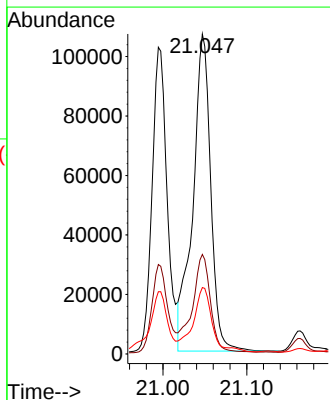
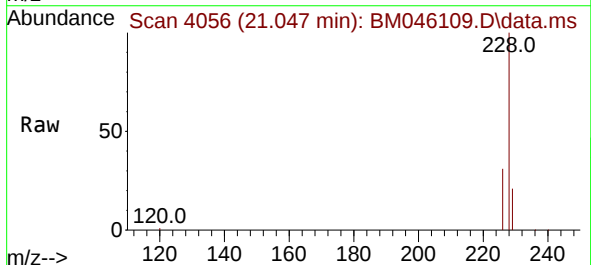
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ahmed

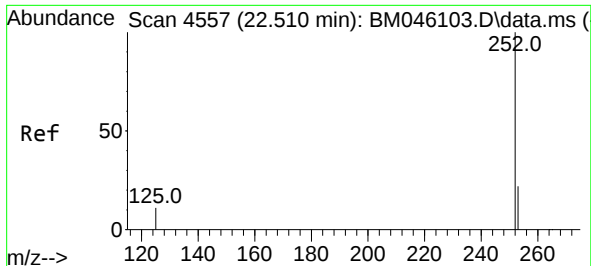
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#22
Chrysene
Concen: 4.389 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.029 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

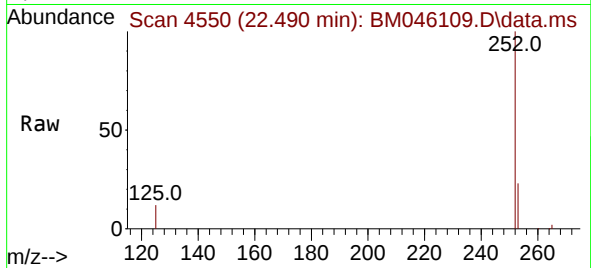
Tgt Ion:228 Resp: 158303
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 6.215 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

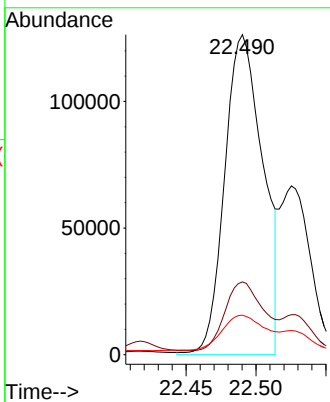
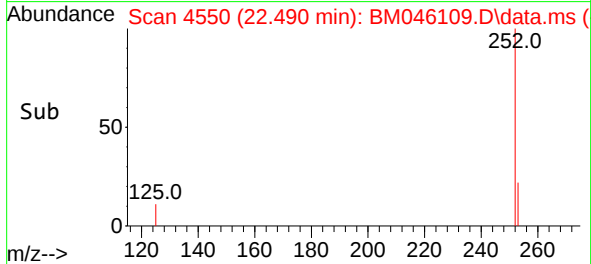
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:252 Resp: 240588
Ion Ratio Lower Upper
252 100
253 22.8 0.0 65.8
125 12.3 0.0 40.2

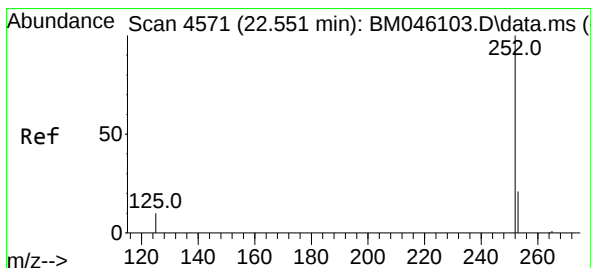
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Supervised By :mohammad ahmed 06/21/2024



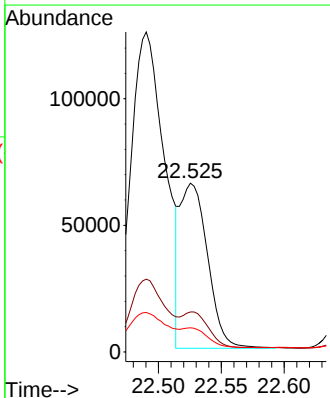
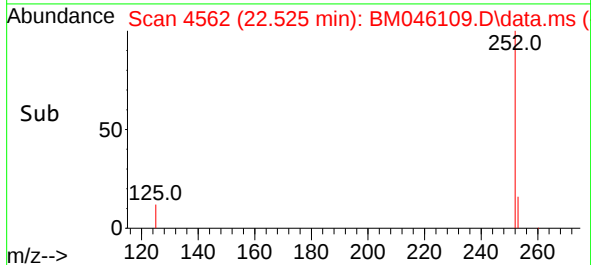
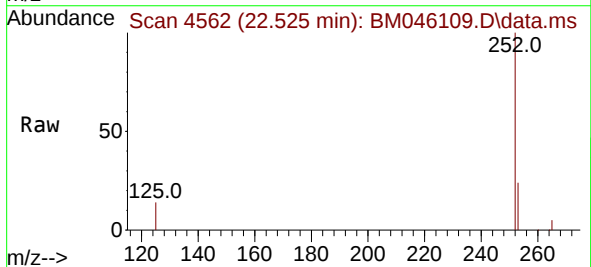
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ahmed

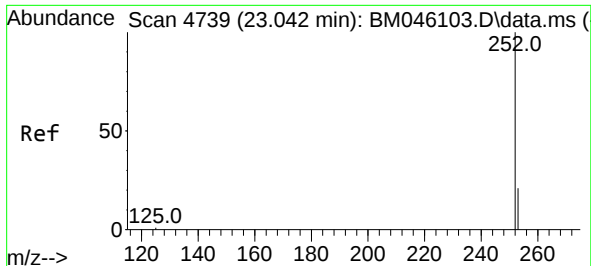
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#25
Benzo(k)fluoranthene
Concen: 2.158 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

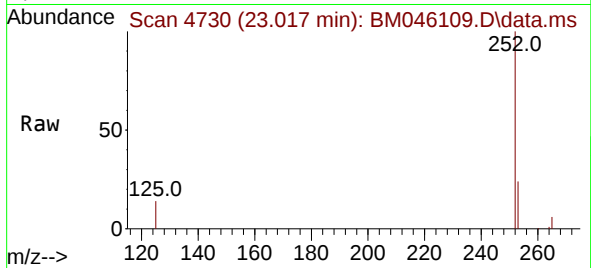
Tgt Ion:252 Resp: 99335
Ion Ratio Lower Upper
252 100
253 23.7 27.2 40.8#
125 14.3 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.393 ng/ul
RT: 23.017 min Scan# 41
Delta R.T. -0.038 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

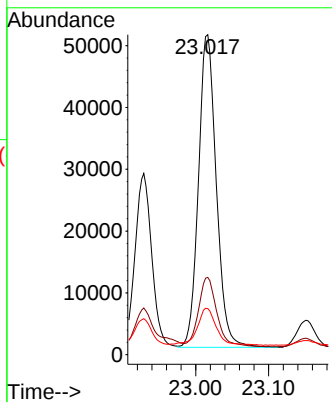
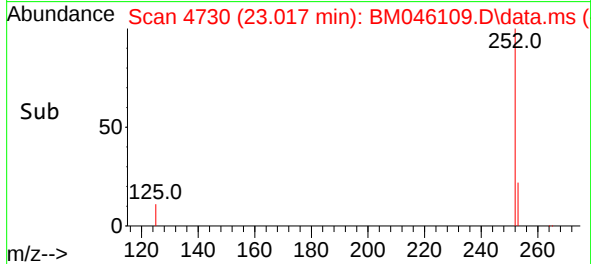
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:252 Resp: 8585
Ion Ratio Lower Upper
252 100
253 24.1 32.1 48.1
125 14.4 21.2 31.8

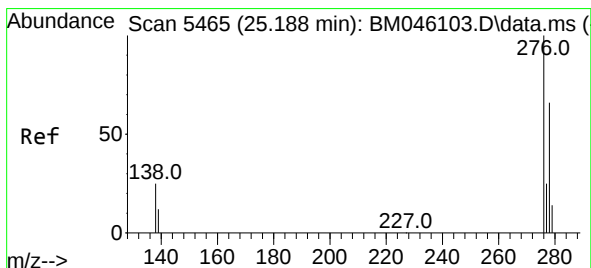
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Supervised By :mohammad ahmed 06/21/2024



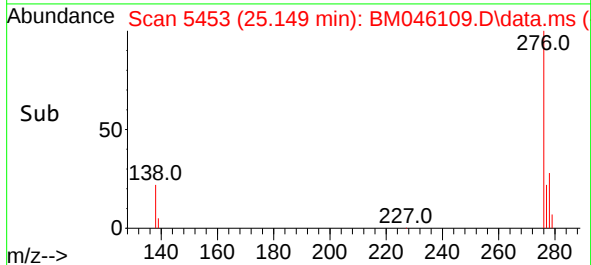
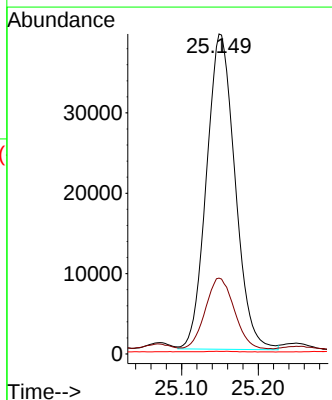
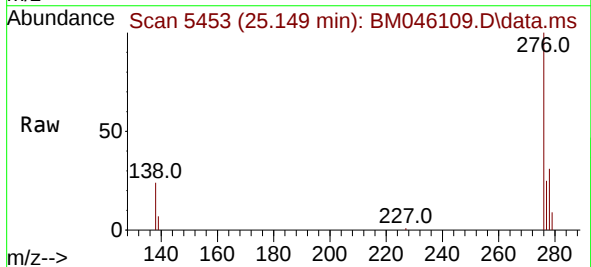
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Supervised By :mohammad
ahmed

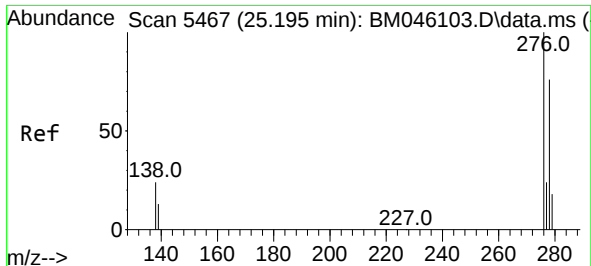
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.729 ng/ul
RT: 25.149 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

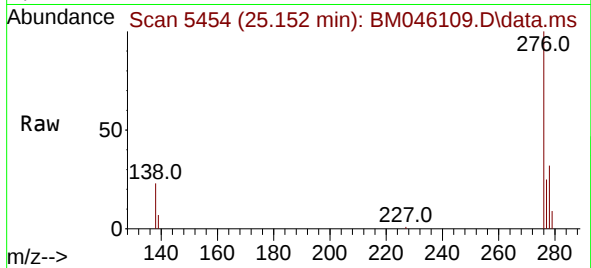
Tgt Ion:276 Resp: 101491
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.834 ng/ul
RT: 25.152 min Scan# 5467
Delta R.T. -0.064 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

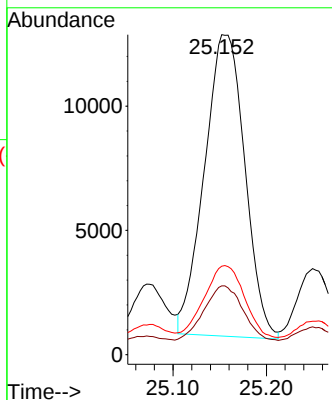
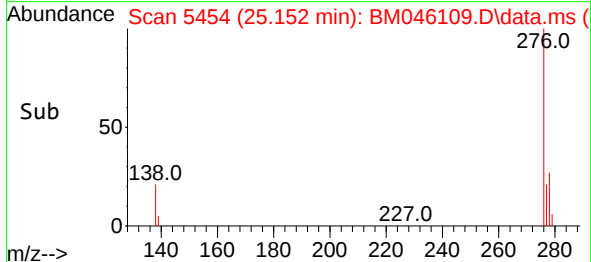
Instrument :
BNA_M
ClientSampleId :
A4BN7MS



Tgt Ion:278 Resp: 36439
Ion Ratio Lower Upper
278 100
139 21.5 17.6 26.4
279 27.6 26.3 39.5

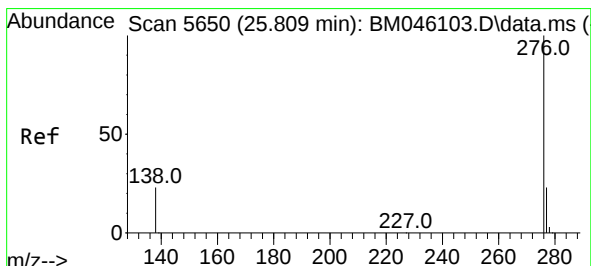
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ahmed

06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046109.D
Acq: 20 Jun 2024 05:45

Tgt Ion:276 Resp: 15594
Ion Ratio Lower Upper
276 100
138 28.3 21.7 32.5
277 28.3 20.4 30.6

