

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046107.D
 Acq On : 20 Jun 2024 04:32
 Operator : MA/JU
 Sample : P2696-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 05:03:52 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	7.426	152	3356	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	9549	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.072	164	5087	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	10813m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	8828m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	10246m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	16166	3.511	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.827	152	3199	0.249	ng/ul	-0.04
18) Fluoranthene-d10	18.844	212	7796	0.295	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	3479	0.131	ng/ul	98
7) 2-Methylnaphthalene	11.893	142	1023	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.108	142	857	0.052	ng/ul	100
10) Acenaphthylene	13.790	152	8363	0.347	ng/ul	99
11) Acenaphthene	14.137	153	3511	0.202	ng/ul	98
12) Fluorene	15.127	166	4334	0.232	ng/ul	98
14) Pentachlorophenol	16.512	266	78	0.024	ng/ul	96
15) Phenanthrene	16.854	178	116082m	3.821	ng/ul	
16) Anthracene	16.947	178	18449m	0.815	ng/ul	
19) Fluoranthene	18.877	202	326782	8.549	ng/ul	97
20) Pyrene	19.239	202	217164	5.253	ng/ul	97
21) Benzo(a)anthracene	20.994	228	132741m	3.893	ng/ul	
22) Chrysene	21.046	228	167943	3.859	ng/ul	100
24) Benzo(b)fluoranthene	22.490	252	266015m	7.206	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	87316m	1.990	ng/ul	
26) Benzo(a)pyrene	23.013	252	80167	2.344	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.148	276	92526	1.653	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.152	278	30279	0.726	ng/ul	95
29) Benzo(g,h,i)perylene	25.779	276	13576	0.283	ng/ul	92

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

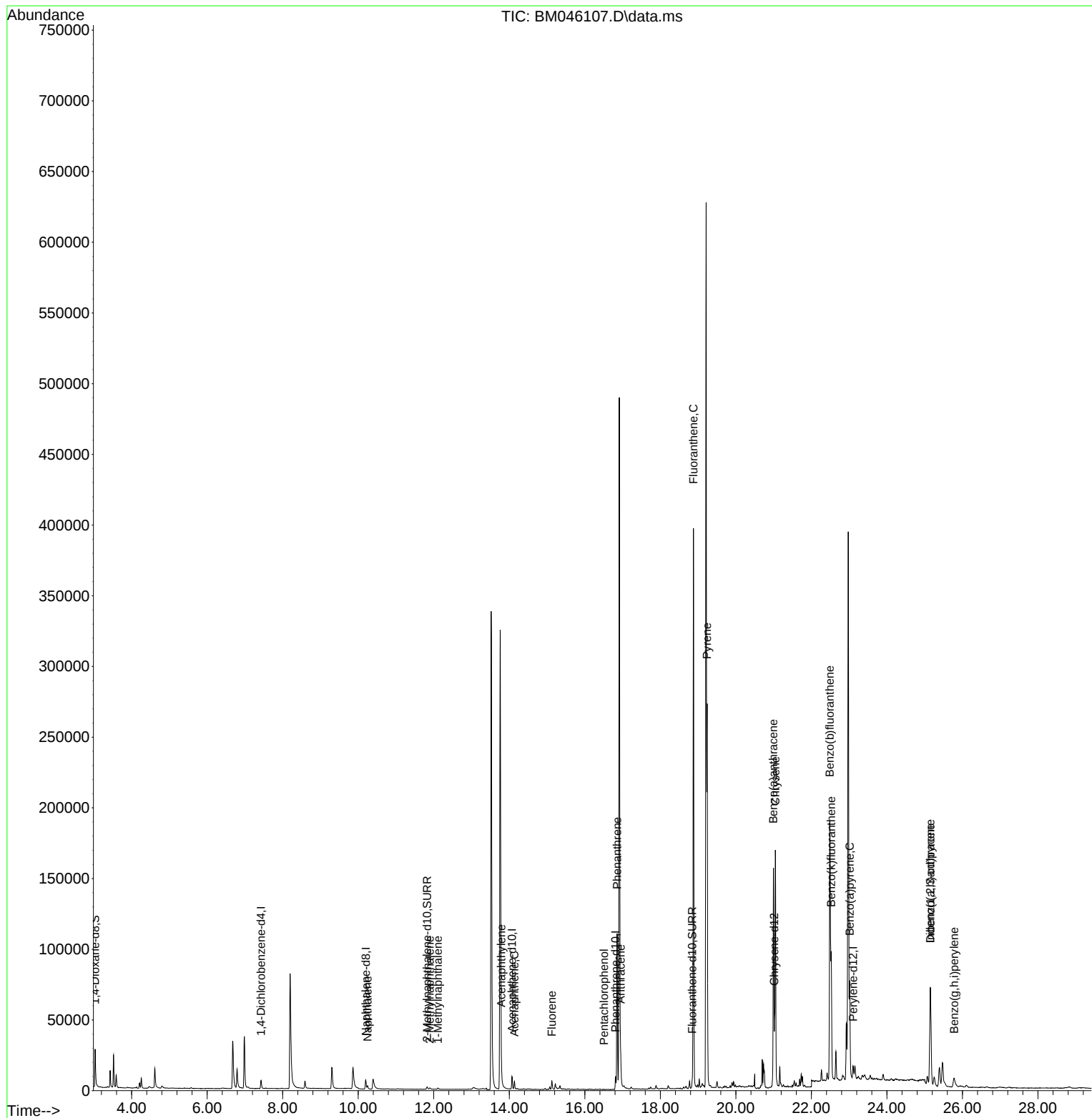
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
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ALS Vial : 24 Sample Multiplier: 1

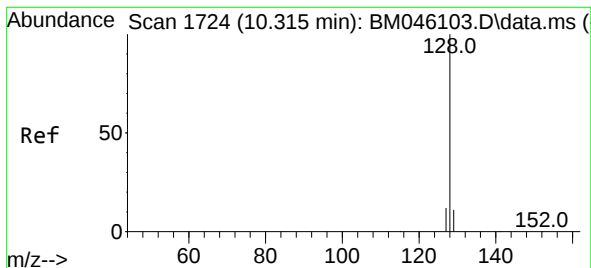
Instrument :
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Supervised By :mohammad ahmed 06/21/2024

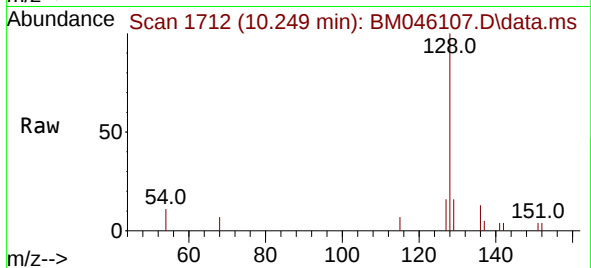
Quant Time: Jun 20 05:03:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.054 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

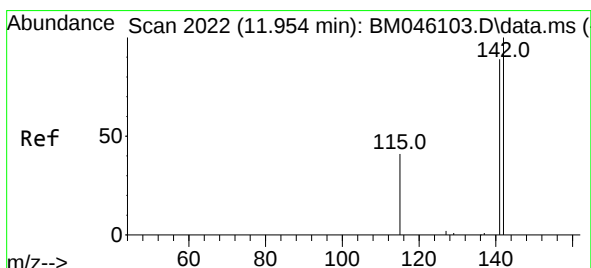
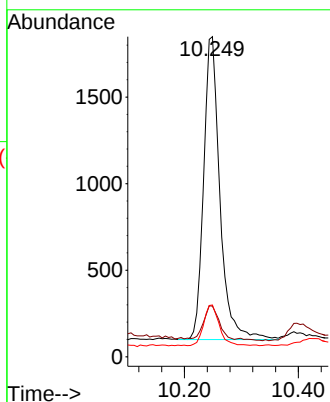
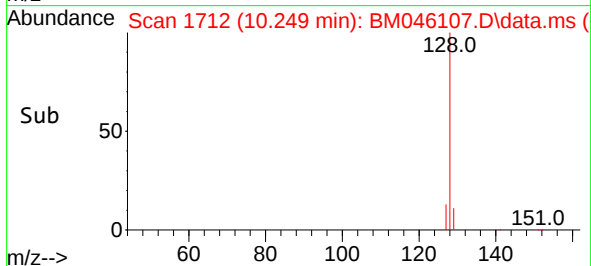
Instrument :
BNA_M
ClientSampleId :
A4BN7



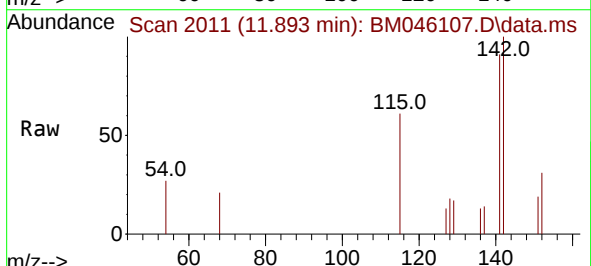
Tgt Ion:128 Resp: 3479
Ion Ratio Lower Upper
128 100
129 15.8 11.8 17.6
127 16.2 12.8 19.2

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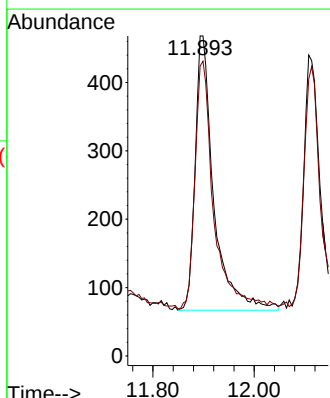
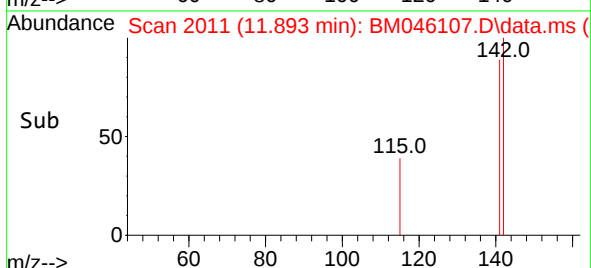
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

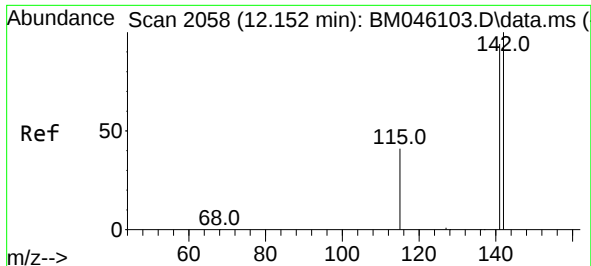


#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.054 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32



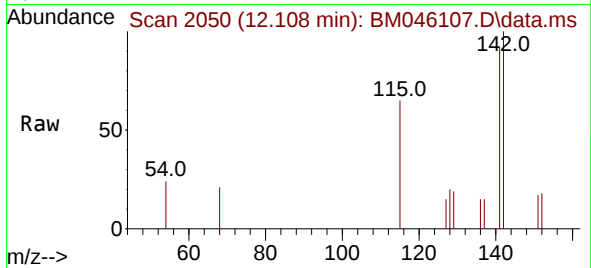
Tgt Ion:142 Resp: 1023
Ion Ratio Lower Upper
142 100
141 91.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.108 min Scan# 2058
Delta R.T. -0.043 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

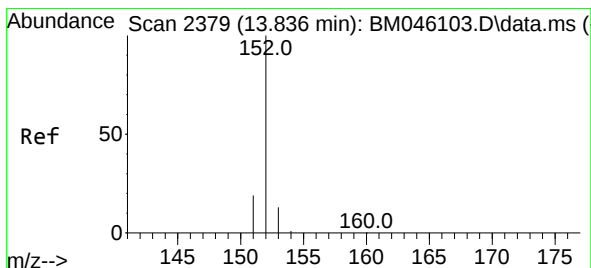
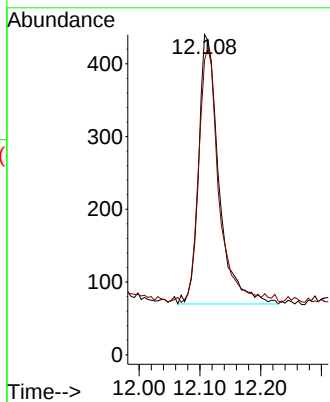
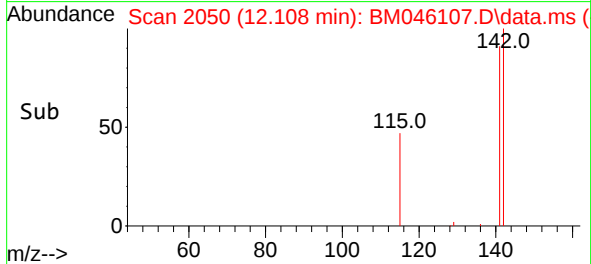
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
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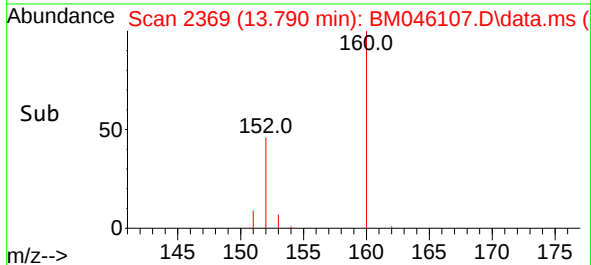
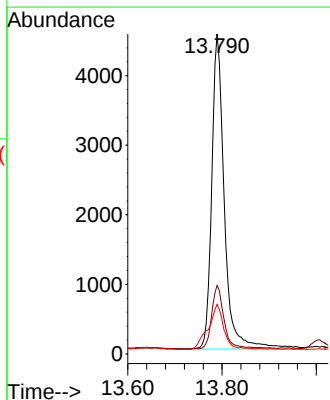
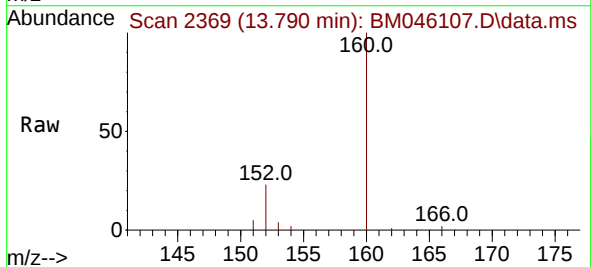
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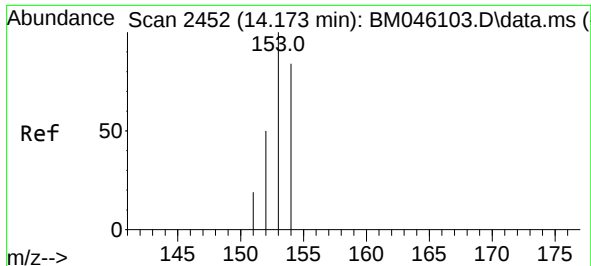
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

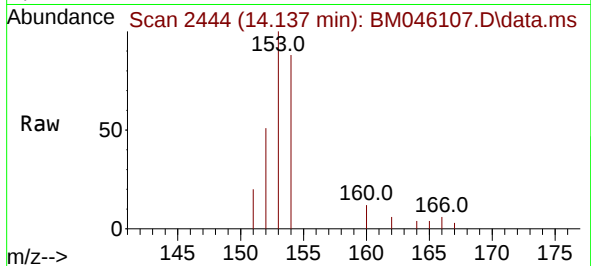
Tgt Ion:152 Resp: 8363
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2
153 15.5 11.8 17.8





#11
Acenaphthene
Concen: 0.202 ng/u1
RT: 14.137 min Scan# 2452
Delta R.T. -0.036 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

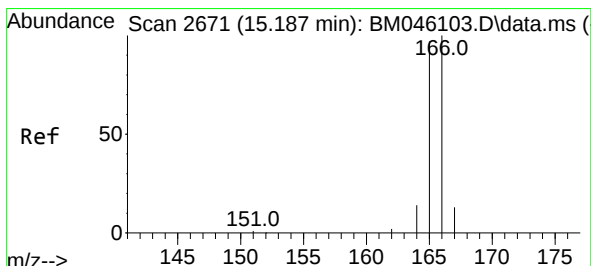
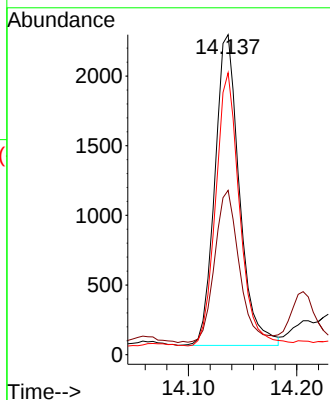
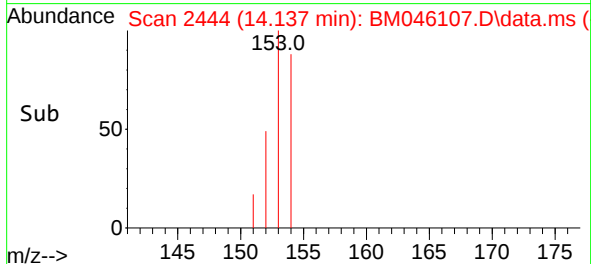
Instrument :
BNA_M
ClientSampleId :
A4BN7



Tgt Ion:153 Resp: 351
Ion Ratio Lower Upper
153 100
152 51.4 41.3 61.9
154 88.1 68.2 102.4

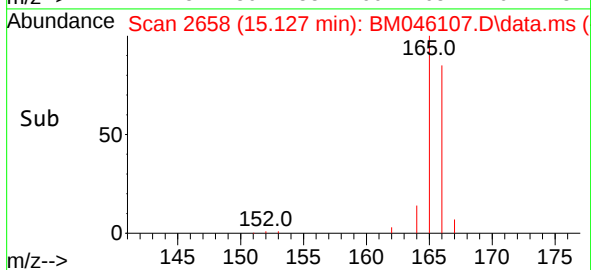
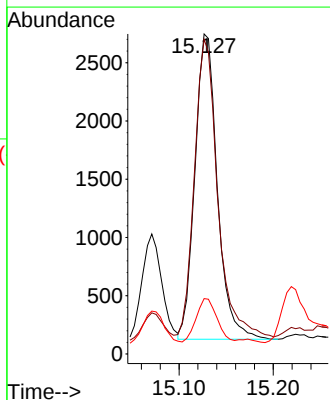
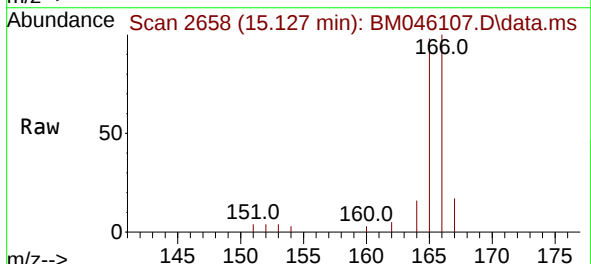
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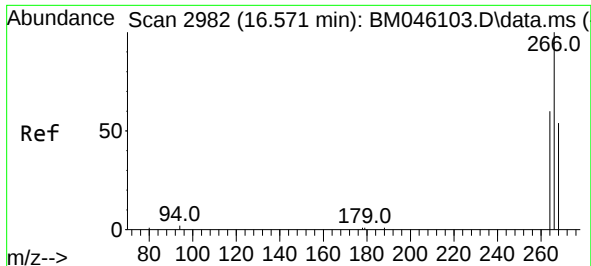
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.232 ng/u1
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

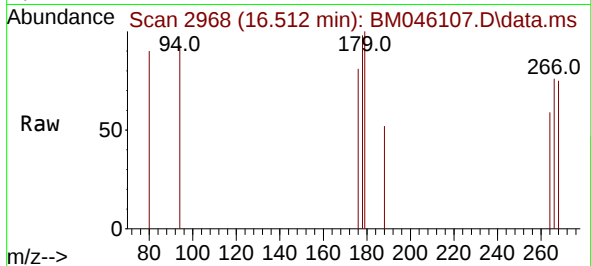
Tgt Ion:166 Resp: 4334
Ion Ratio Lower Upper
166 100
165 98.3 80.4 120.6
167 17.3 12.4 18.6





#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.512 min Scan# 2982
Delta R.T. -0.054 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

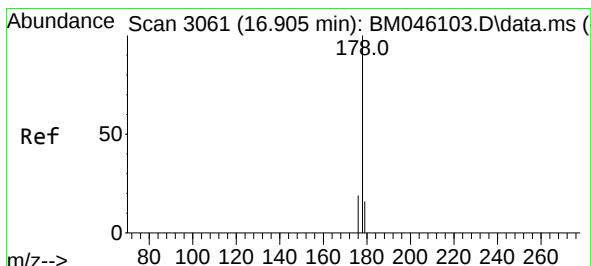
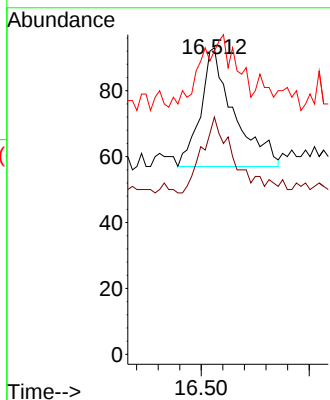
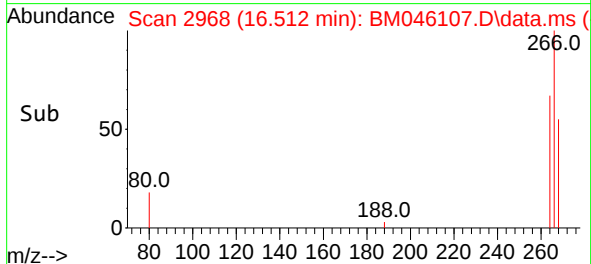
Instrument :
BNA_M
ClientSampleId :
A4BN7



Tgt Ion:266 Resp: 78
Ion Ratio Lower Upper
266 100
264 64.1 50.9 76.3
268 59.0 52.3 78.5

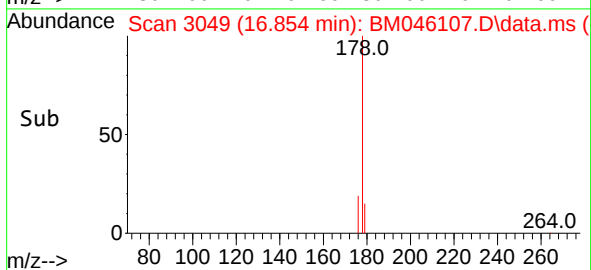
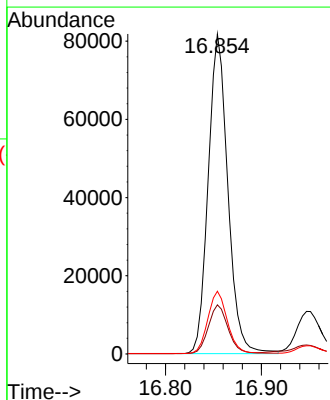
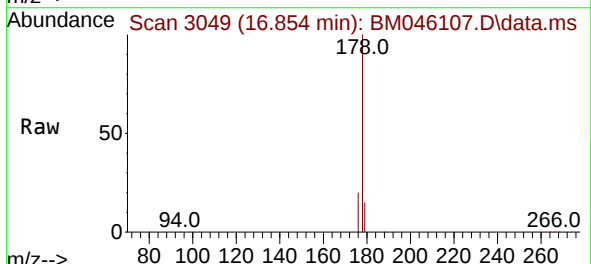
Manual Integrations
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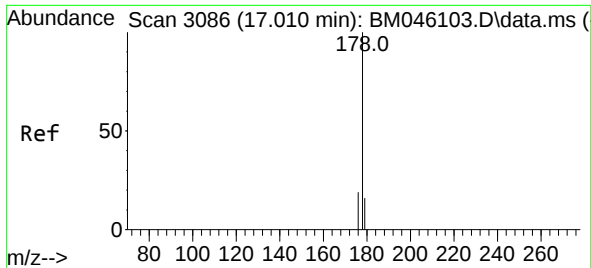
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 3.821 ng/ul m
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

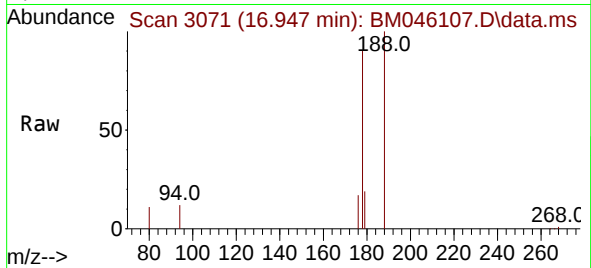
Tgt Ion:178 Resp: 116082
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.6 17.1 25.7





#16
 Anthracene
 Concen: 0.815 ng/ul m
 RT: 16.947 min Scan# 3086
 Delta R.T. -0.058 min
 Lab File: BM046107.D
 Acq: 20 Jun 2024 04:32

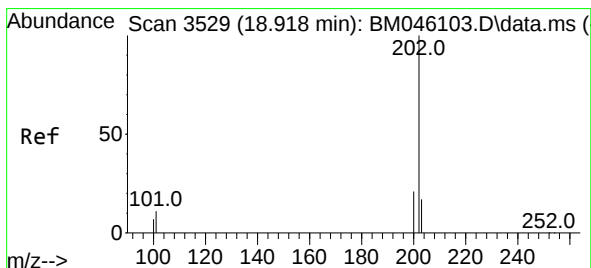
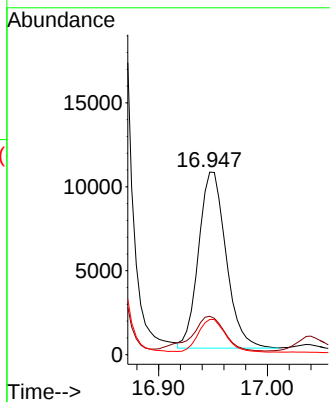
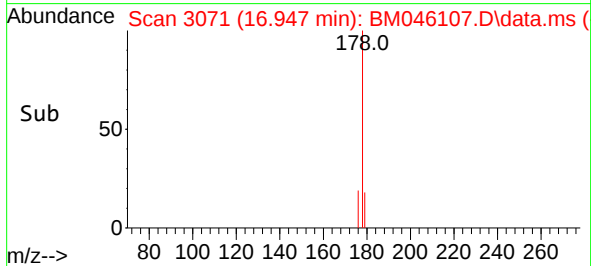
Instrument :
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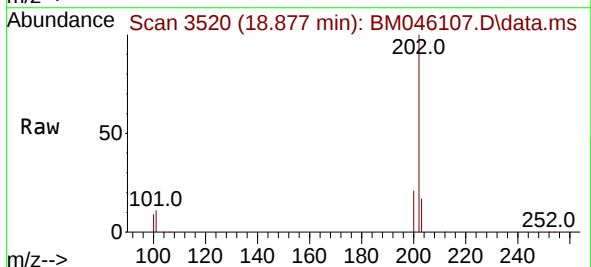
Tgt Ion:178 Resp: 18449
 Ion Ratio Lower Upper
 178 100
 179 21.0 14.9 22.3
 176 19.3 17.0 25.4

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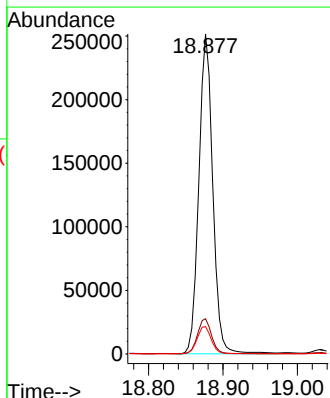
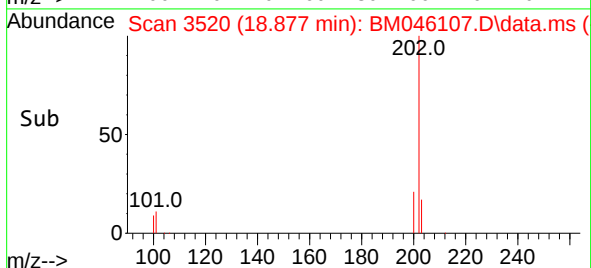
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

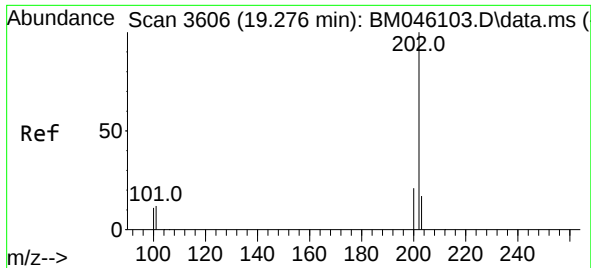


#19
 Fluoranthene
 Concen: 8.549 ng/ul
 RT: 18.877 min Scan# 3520
 Delta R.T. -0.041 min
 Lab File: BM046107.D
 Acq: 20 Jun 2024 04:32



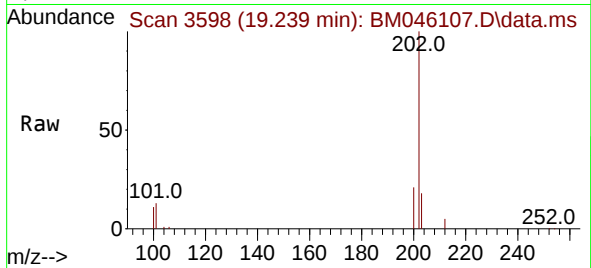
Tgt Ion:202 Resp: 326782
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.6 14.4
 100 8.6 7.6 11.4





#20
Pyrene
Concen: 5.253 ng/u1
RT: 19.239 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

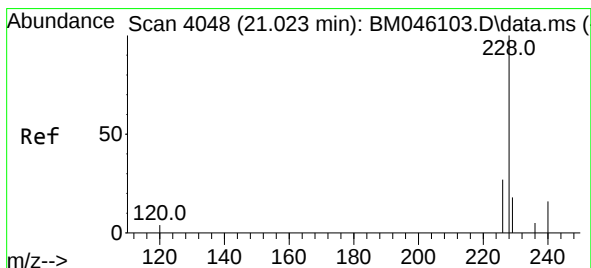
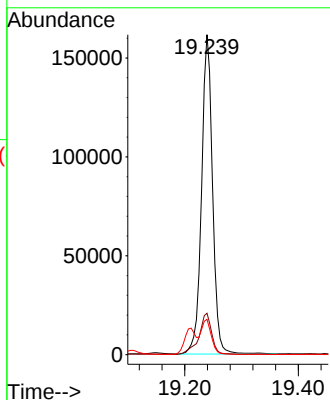
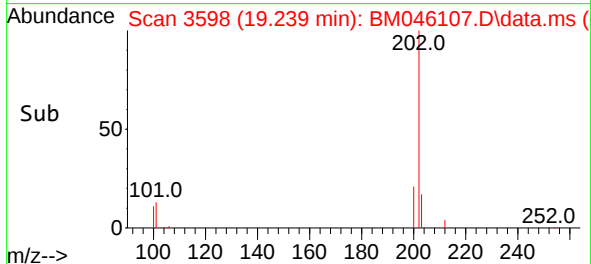
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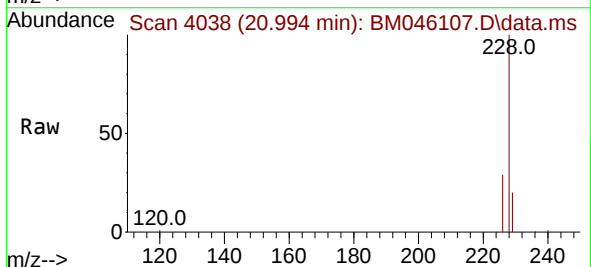
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100 11.1 9.8 14.6

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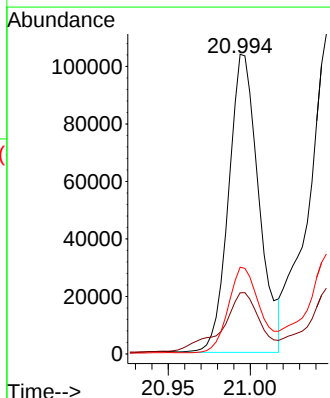
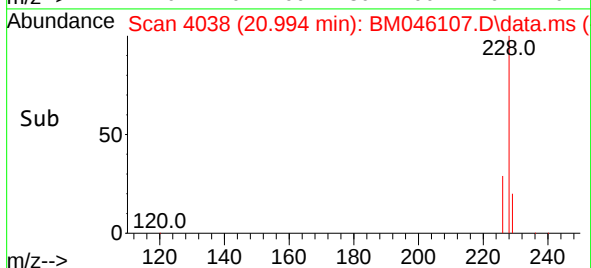
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

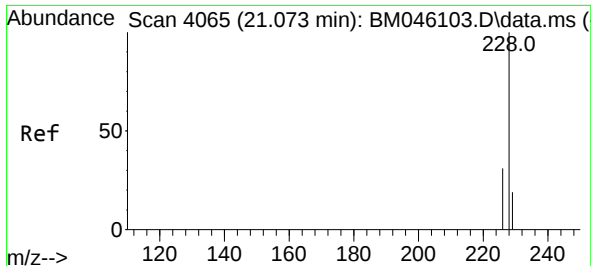


#21
Benzo(a)anthracene
Concen: 3.893 ng/u1 m
RT: 20.994 min Scan# 4038
Delta R.T. -0.036 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32



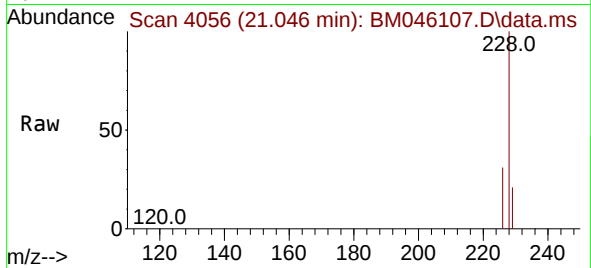
Tgt Ion:228 Resp: 132741
Ion Ratio Lower Upper
228 100
229 20.4 16.4 24.6
226 29.0 23.4 35.2





#22
Chrysene
Concen: 3.859 ng/ul
RT: 21.046 min Scan# 4065
Delta R.T. -0.030 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

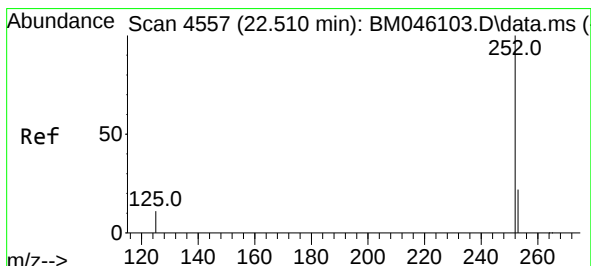
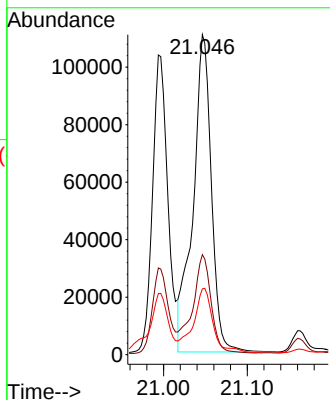
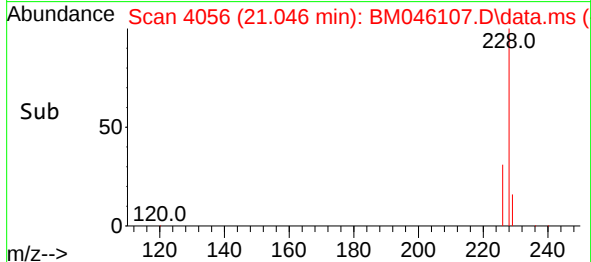
Instrument :
BNA_M
ClientSampleId :
A4BN7



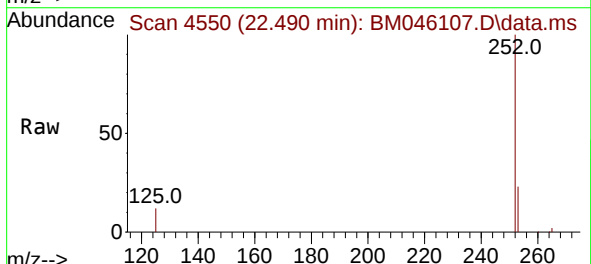
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Ion Ratio Lower Upper
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226 31.3 25.2 37.8
229 20.6 16.3 24.5

Manual Integrations
APPROVED

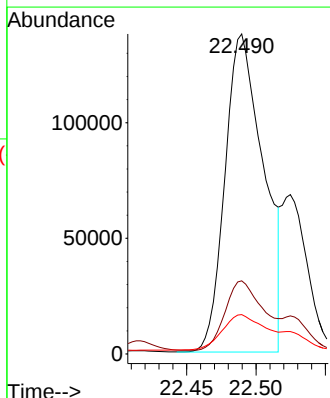
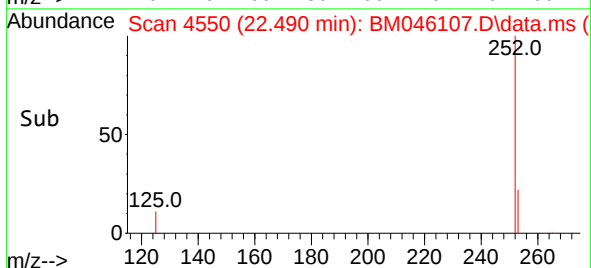
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

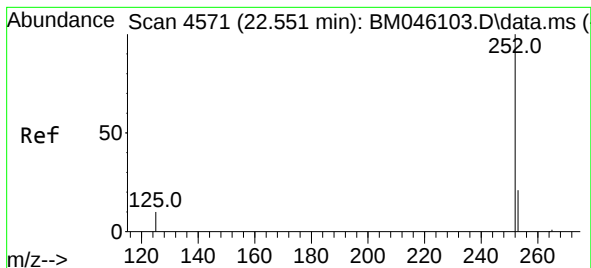


#24
Benzo(b)fluoranthene
Concen: 7.206 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32



Tgt Ion:252 Resp: 266015
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 12.3 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 1.990 ng/ul m

RT: 22.525 min Scan# 4

Delta R.T. -0.039 min

Lab File: BM046107.D

Acq: 20 Jun 2024 04:32

Instrument :

BNM

ClientSampleId :

A4BN7

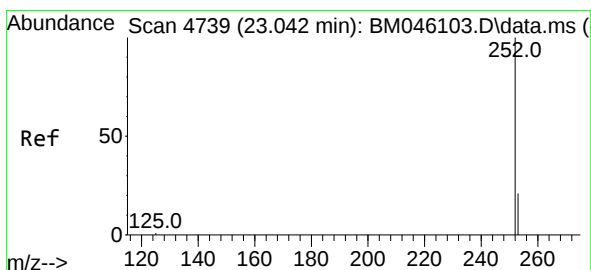
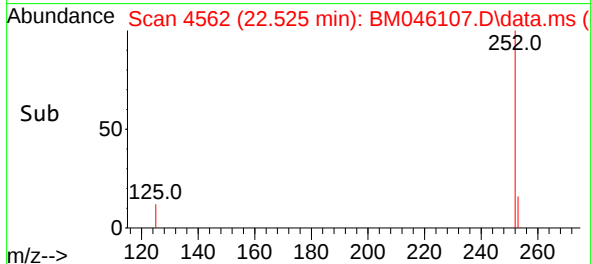
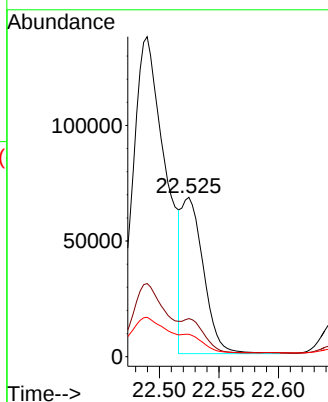
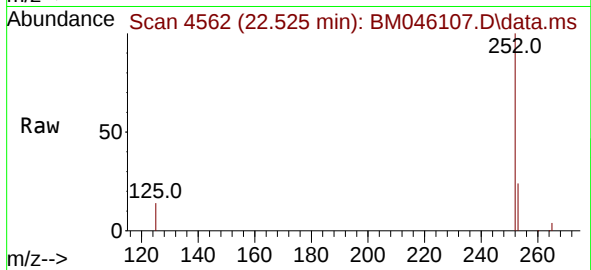
Tgt Ion:252 Resp: 87310

Ion	Ratio	Lower	Upper
252	100		
253	24.0	27.2	40.8
125	14.1	16.6	25.0

Manual Integrations

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



#26

Benzo(a)pyrene

Concen: 2.344 ng/ul

RT: 23.013 min Scan# 4729

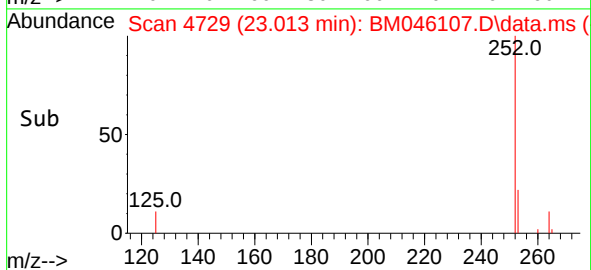
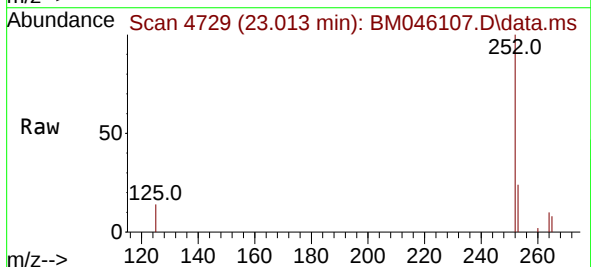
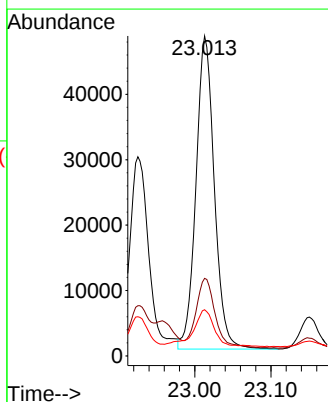
Delta R.T. -0.041 min

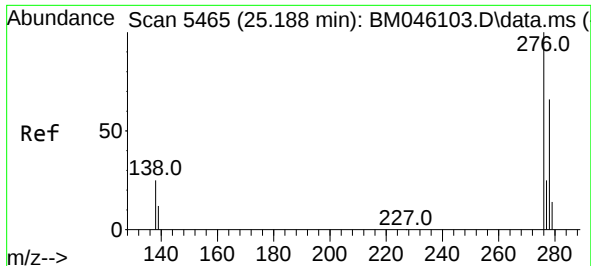
Lab File: BM046107.D

Acq: 20 Jun 2024 04:32

Tgt Ion:252 Resp: 80167

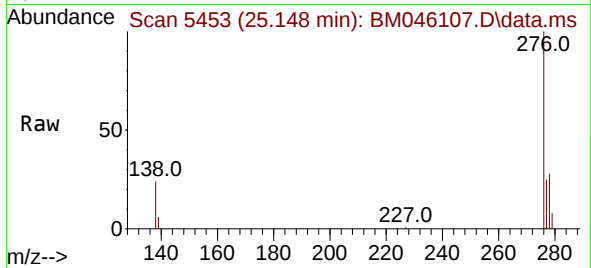
Ion	Ratio	Lower	Upper
252	100		
253	24.3	32.1	48.1#
125	14.4	21.2	31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.653 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

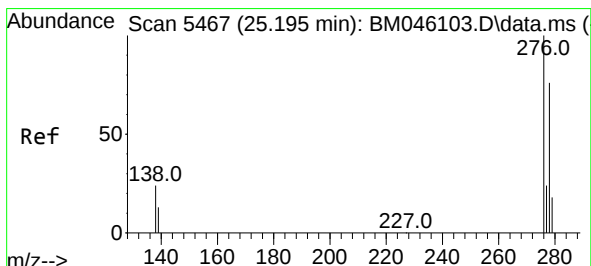
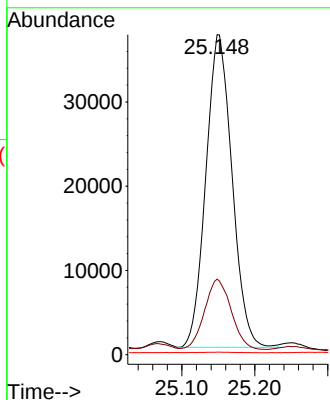
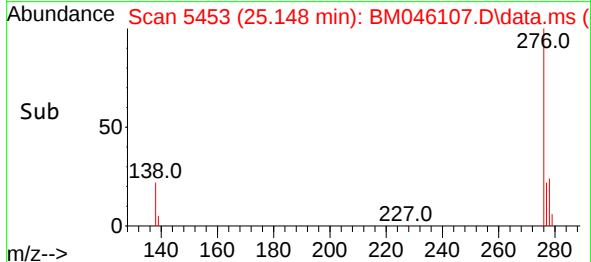
Instrument :
BNA_M
ClientSampleId :
A4BN7



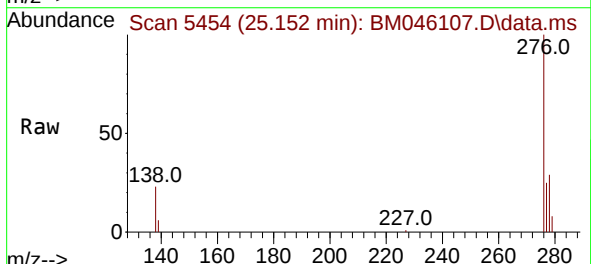
Tgt Ion:276 Resp: 92520
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.2 0.0 0.0

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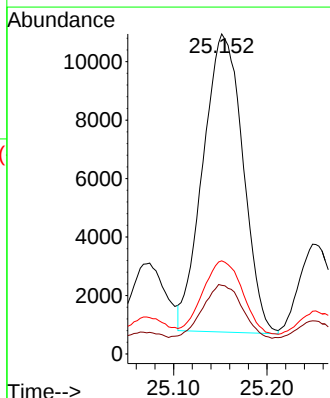
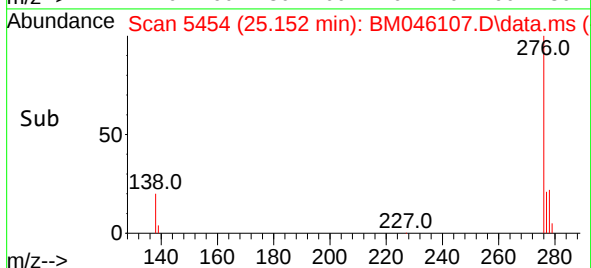
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

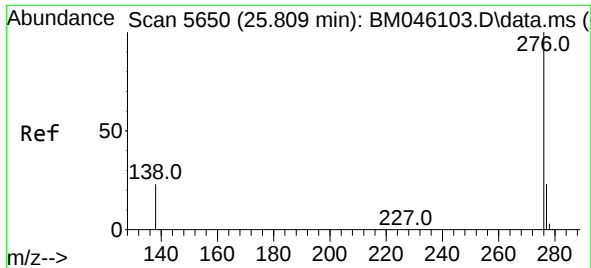


#28
Dibenzo(a,h)anthracene
Concen: 0.726 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.064 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32



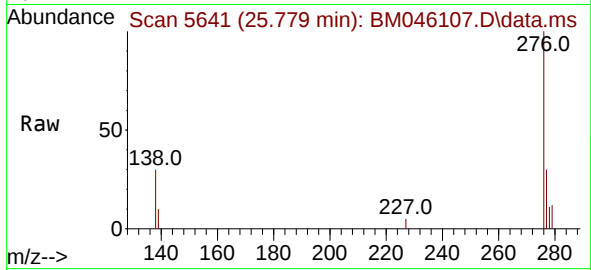
Tgt Ion:278 Resp: 30279
Ion Ratio Lower Upper
278 100
139 21.5 17.6 26.4
279 29.1 26.3 39.5





#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 25.779 min Scan# 50
Delta R.T. -0.051 min
Lab File: BM046107.D
Acq: 20 Jun 2024 04:32

Instrument :
BNA_M
ClientSampleId :
A4BN7



Tgt Ion:276 Resp: 13570
Ion Ratio Lower Upper
276 100
138 30.2 21.7 32.5
277 30.1 20.4 30.6

Manual Integrations
APPROVED

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

