

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046059.D
 Acq On : 18 Jun 2024 20:02
 Operator : MA/JU
 Sample : P2695-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ9

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:23:49 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	3499	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	9975	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5453	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	11684m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	9980m	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	10999m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	17405	3.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	3680	0.275	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	9117	0.305	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	2235	0.080	ng/ul#	94
7) 2-Methylnaphthalene	11.903	142	658	0.042	ng/ul	99
8) 1-Methylnaphthalene	12.118	142	493	0.029	ng/ul	94
10) Acenaphthylene	13.798	152	3402	0.132	ng/ul#	95
11) Acenaphthene	14.145	153	2114	0.113	ng/ul	98
12) Fluorene	15.135	166	2541	0.127	ng/ul	98
15) Phenanthrene	16.866	178	58990m	1.797	ng/ul	
16) Anthracene	16.954	178	9832m	0.402	ng/ul	
19) Fluoranthene	18.885	202	131938	3.053	ng/ul	99
20) Pyrene	19.252	202	91576	1.960	ng/ul	96
21) Benzo(a)anthracene	21.006	228	54733	1.420	ng/ul	100
22) Chrysene	21.059	228	64403	1.309	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	91216m	2.302	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	35577m	0.755	ng/ul	
26) Benzo(a)pyrene	23.028	252	33276	0.906	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.172	276	36171	0.602	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.179	278	11224	0.251	ng/ul#	92
29) Benzo(g,h,i)perylene	25.803	276	5776	0.112	ng/ul#	81

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

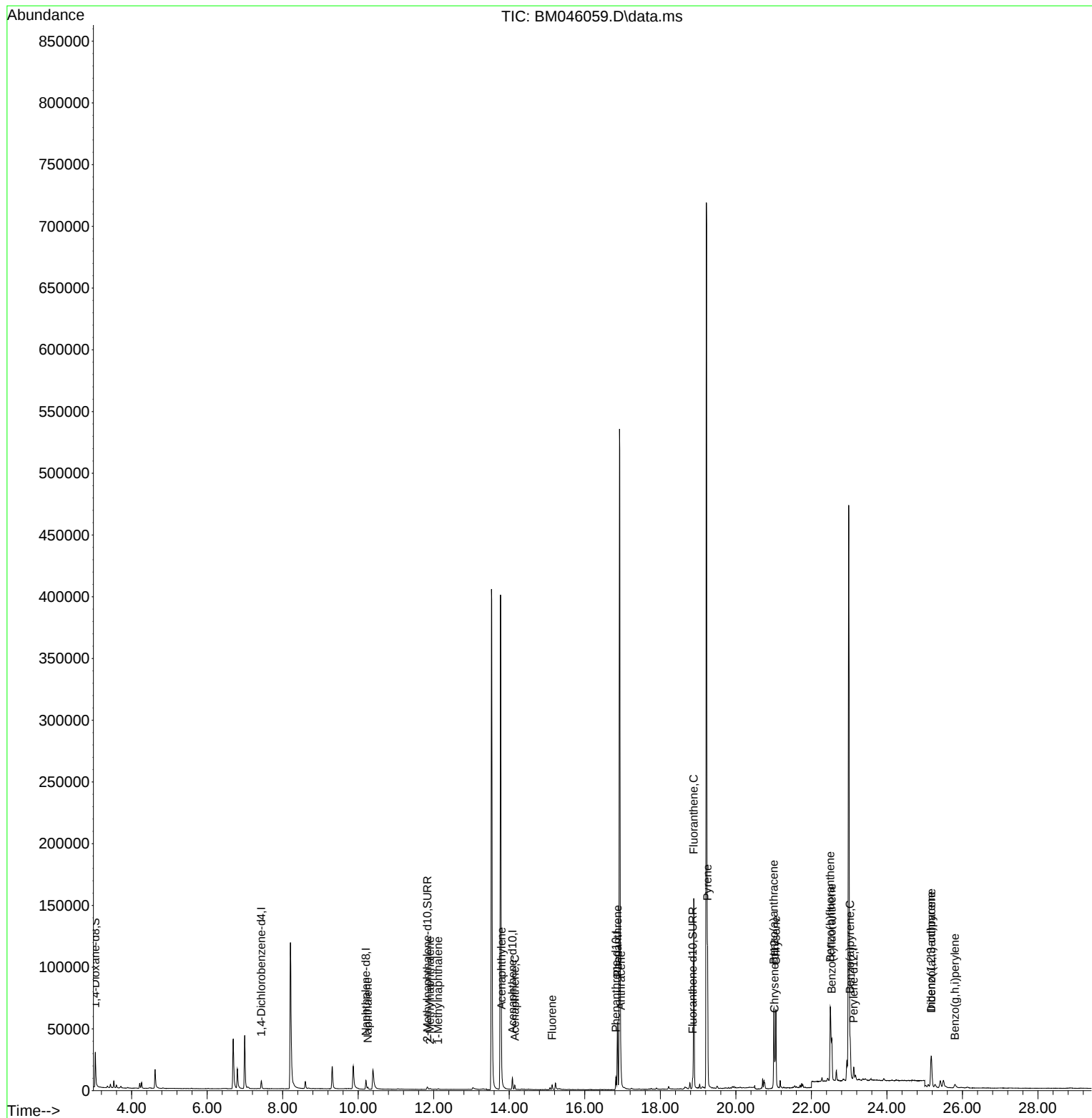
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046059.D
Acq On : 18 Jun 2024 20:02
Operator : MA/JU
Sample : P2695-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

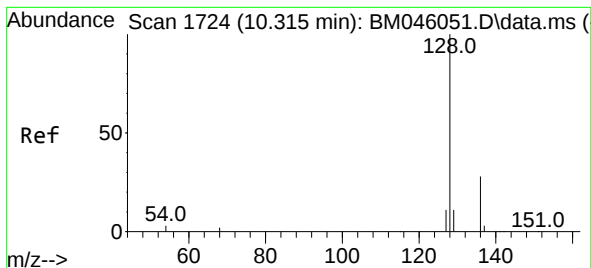
Instrument :
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ClientSampleId :
A4BJ9

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Supervised By :mohammad ahmed 06/21/2024

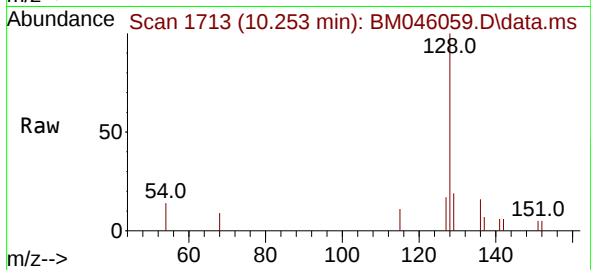
Quant Time: Jun 19 08:23:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

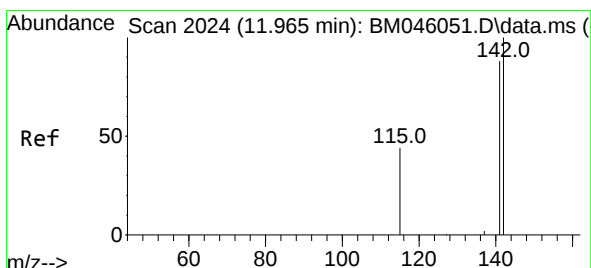
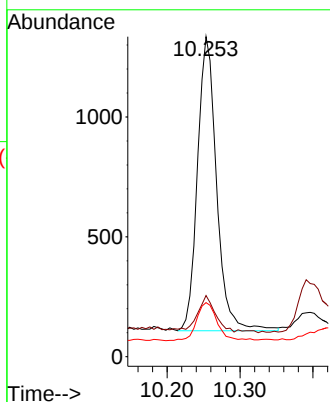
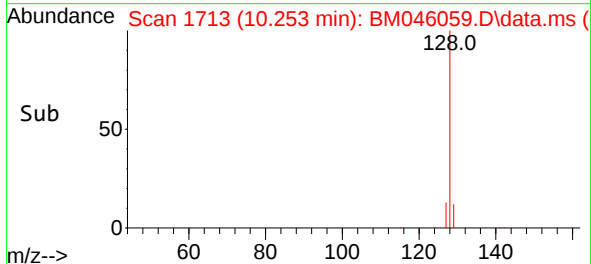
Instrument :
BNA_M
ClientSampleId :
A4BJ9



Tgt Ion:128 Resp: 223
Ion Ratio Lower Upper
128 100
129 19.1 11.8 17.6
127 16.9 12.8 19.2

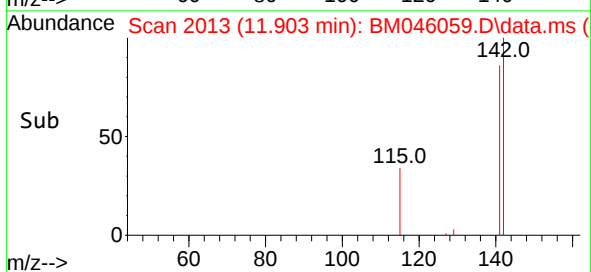
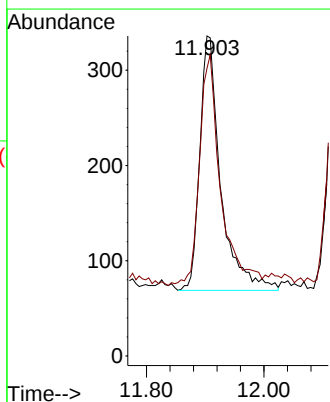
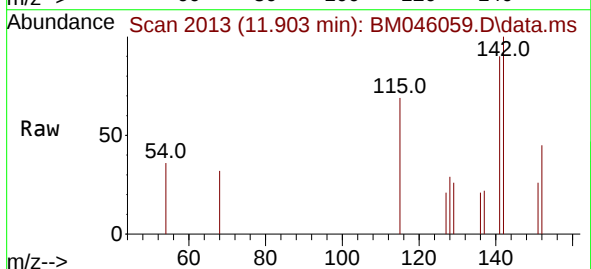
Manual Integrations
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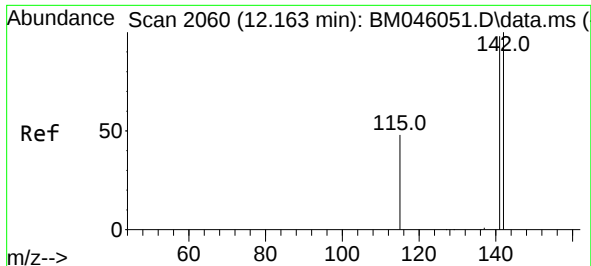
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

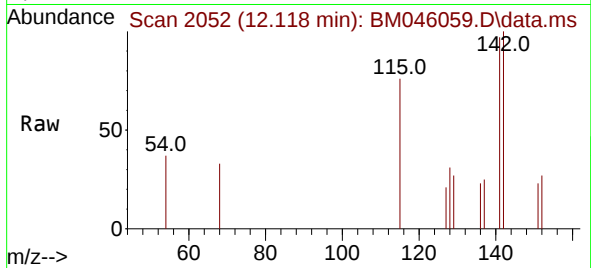
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 94.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

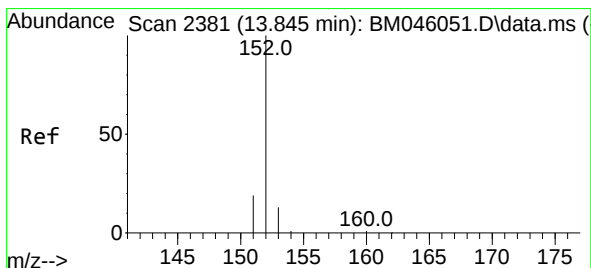
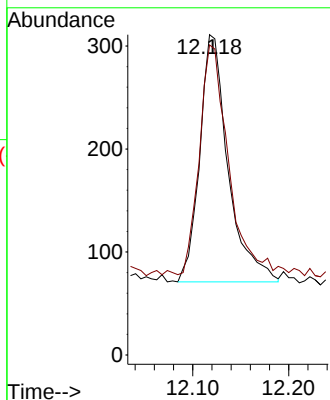
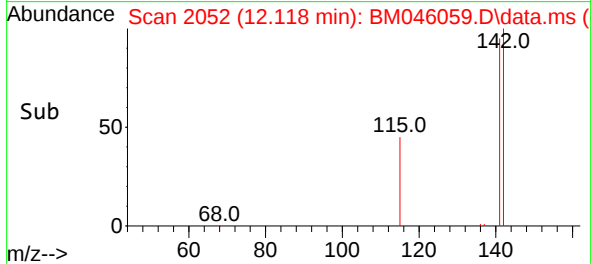
Instrument :
BNA_M
ClientSampleId :
A4BJ9



Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
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141 99.8 75.2 112.8

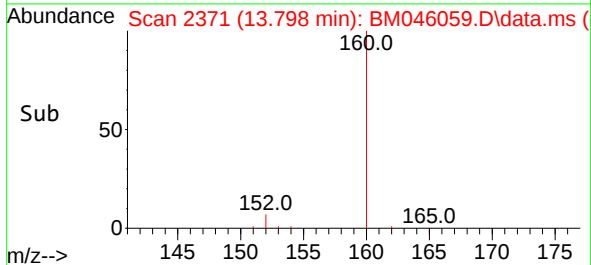
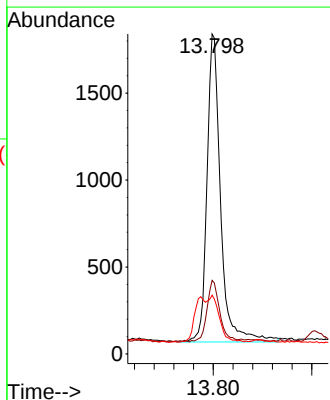
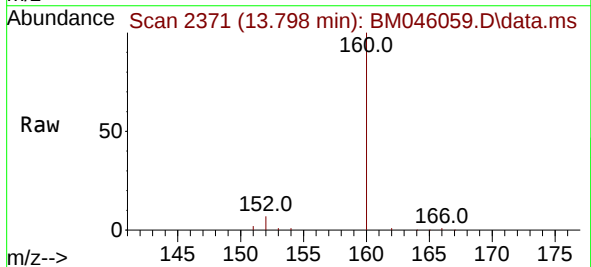
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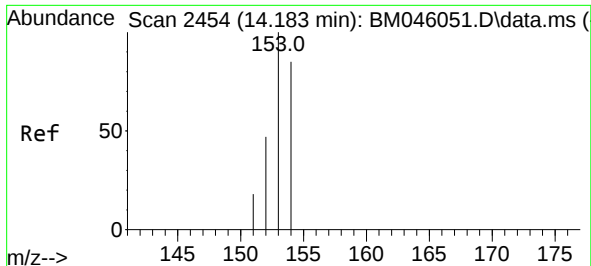
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 13.798 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

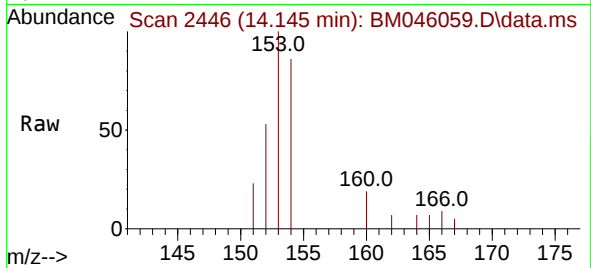
Tgt Ion:152 Resp: 3402
Ion Ratio Lower Upper
152 100
151 23.0 17.4 26.2
153 18.4 11.8 17.8#





#11
Acenaphthene
Concen: 0.113 ng/ul
RT: 14.145 min Scan# 2454
Delta R.T. -0.028 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

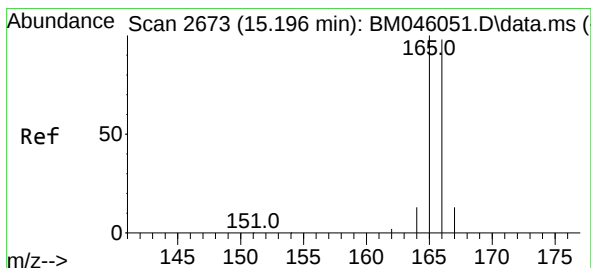
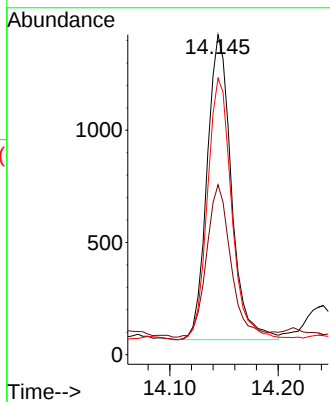
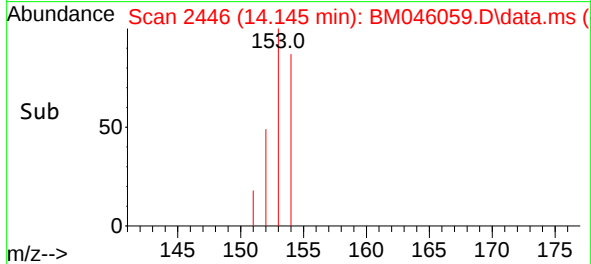
Instrument :
BNA_M
ClientSampleId :
A4BJ9



Tgt Ion:153 Resp: 2114
Ion Ratio Lower Upper
153 100
152 53.1 41.3 61.9
154 86.4 68.2 102.4

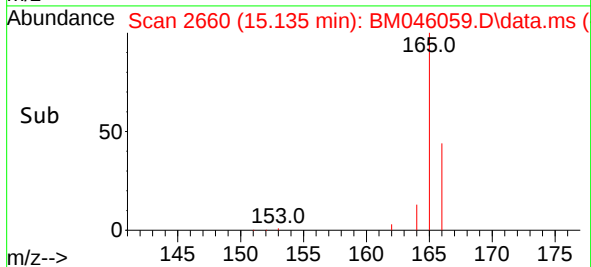
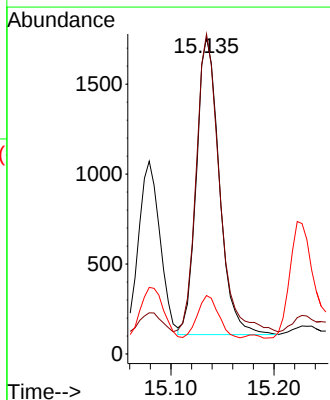
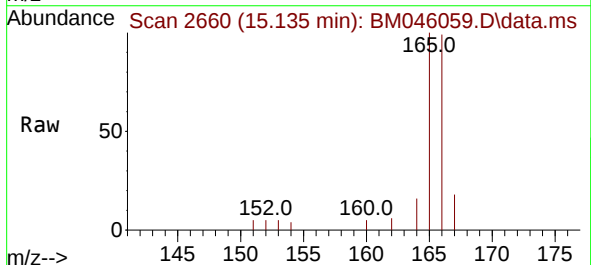
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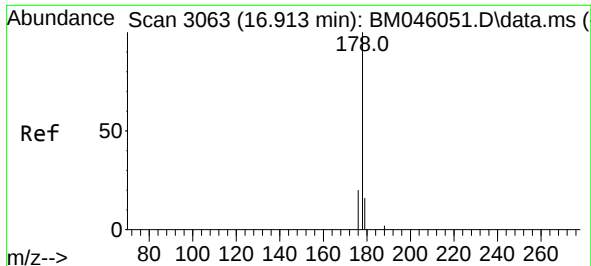
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.127 ng/ul
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

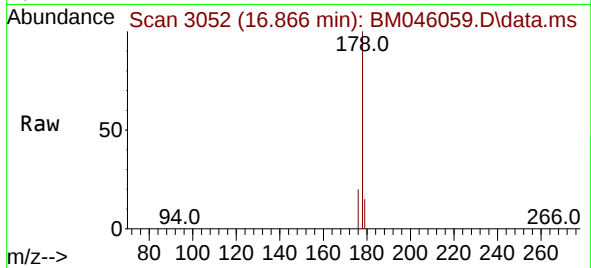
Tgt Ion:166 Resp: 2541
Ion Ratio Lower Upper
166 100
165 101.2 80.4 120.6
167 18.5 12.4 18.6





#15
Phenanthrene
Concen: 1.797 ng/ul m
RT: 16.866 min Scan# 3052
Delta R.T. -0.038 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

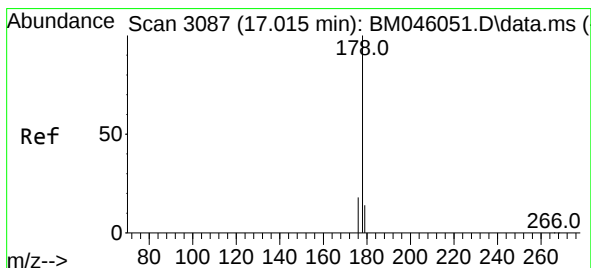
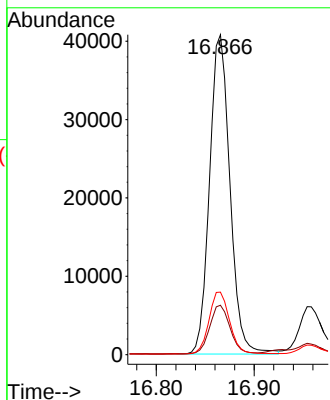
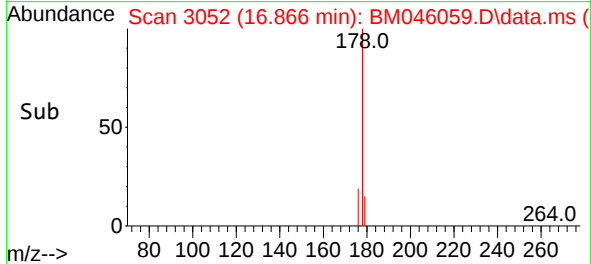
Instrument :
BNA_M
ClientSampleId :
A4BJ9



Tgt Ion:178 Resp: 58990
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7

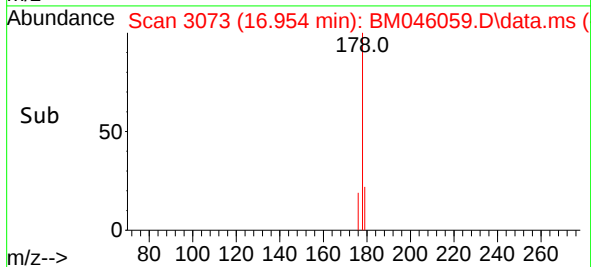
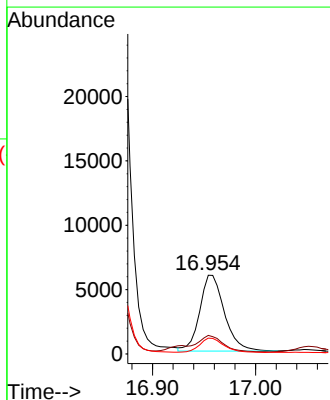
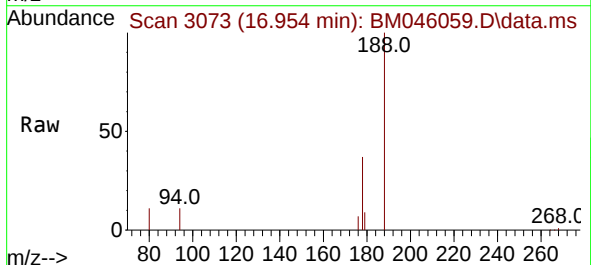
Manual Integrations
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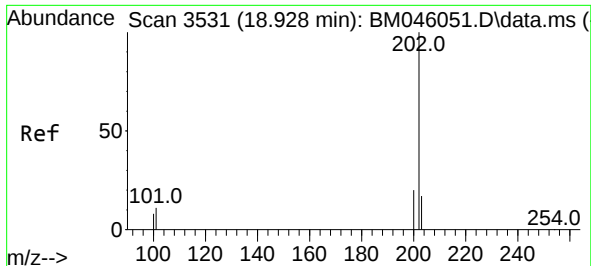
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.402 ng/ul m
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

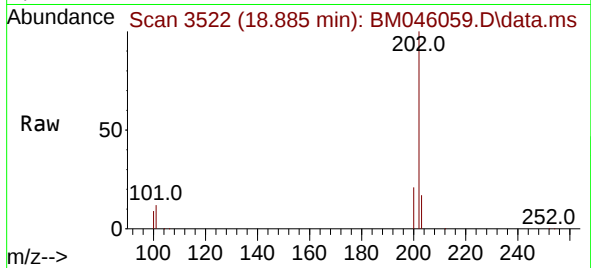
Tgt Ion:178 Resp: 9832
Ion Ratio Lower Upper
178 100
179 23.6 14.9 22.3#
176 20.0 17.0 25.4





#19
Fluoranthene
Concen: 3.053 ng/u1
RT: 18.885 min Scan# 3522
Delta R.T. -0.033 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

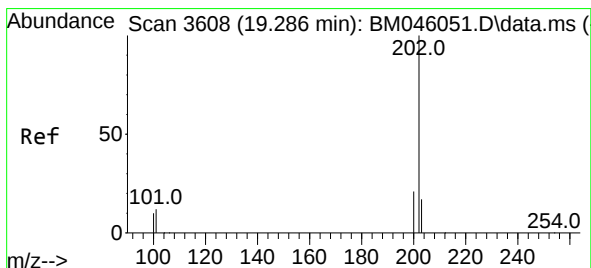
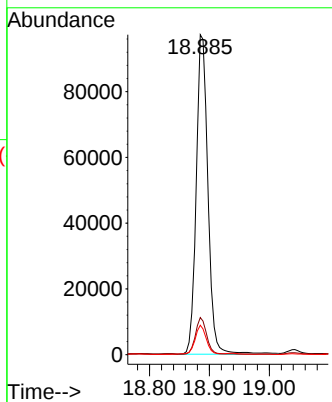
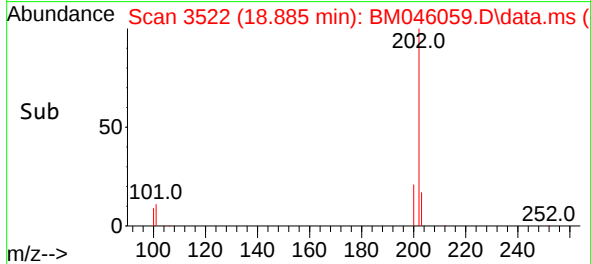
Instrument :
BNA_M
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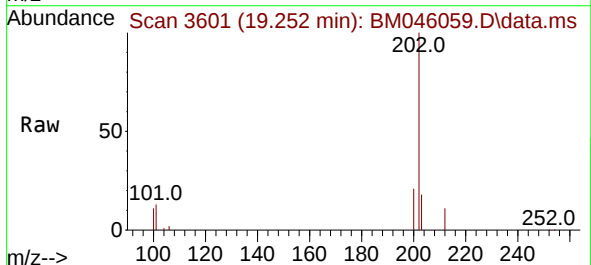
Tgt Ion:202 Resp: 131938
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
100 9.2 7.6 11.4

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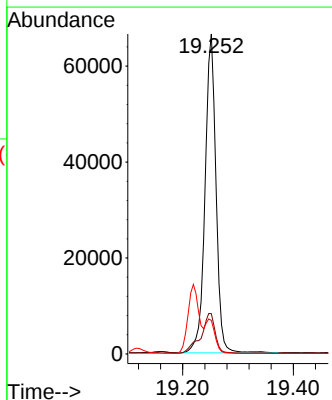
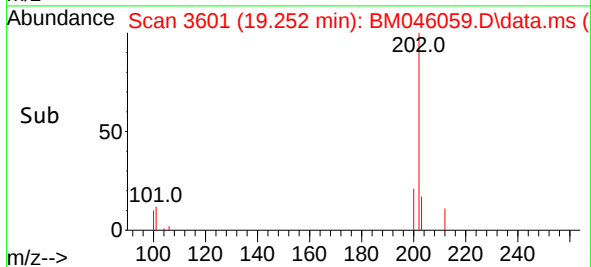
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

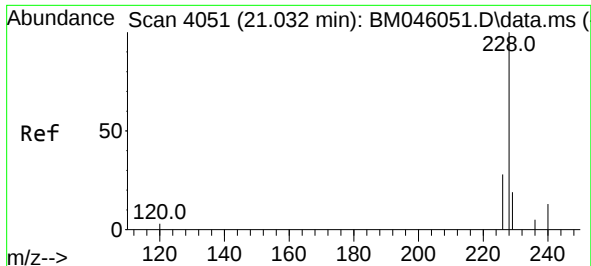


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Pyrene
Concen: 1.960 ng/u1
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02



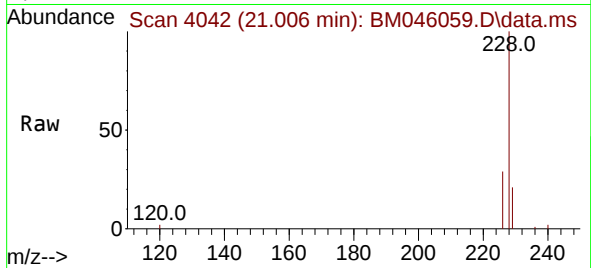
Tgt Ion:202 Resp: 91576
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.420 ng/ul
RT: 21.006 min Scan# 4051
Delta R.T. -0.023 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

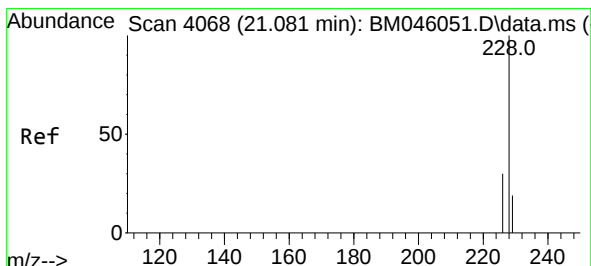
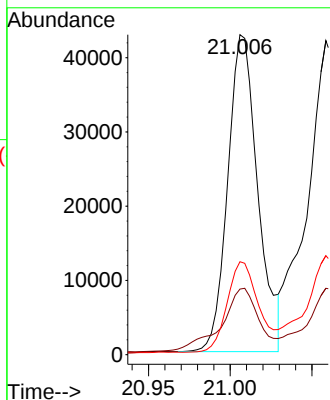
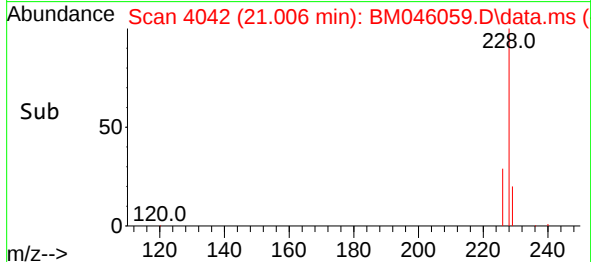
Instrument :
BNA_M
ClientSampleId :
A4BJ9



Tgt Ion:228 Resp: 5473
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.1 23.4 35.2

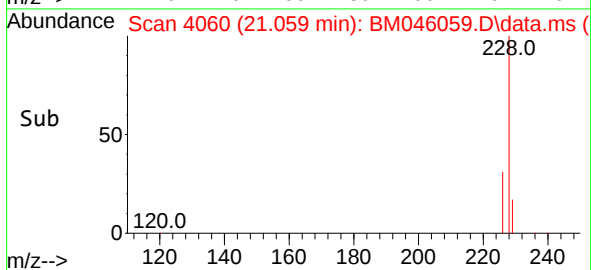
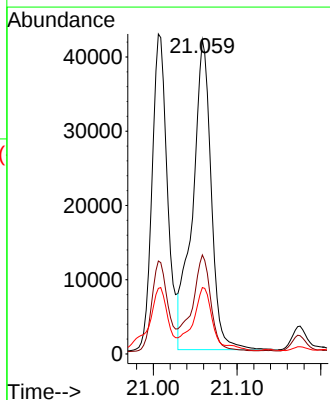
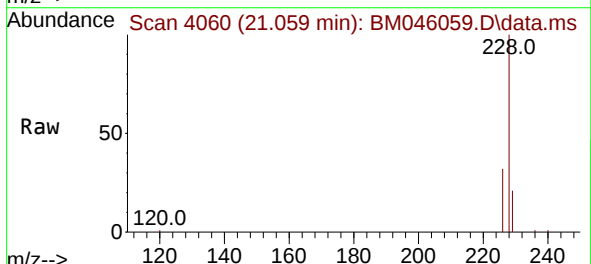
Manual Integrations
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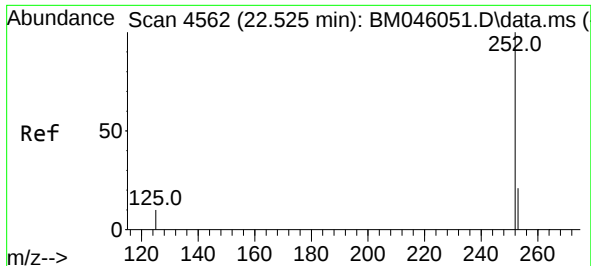
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.309 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

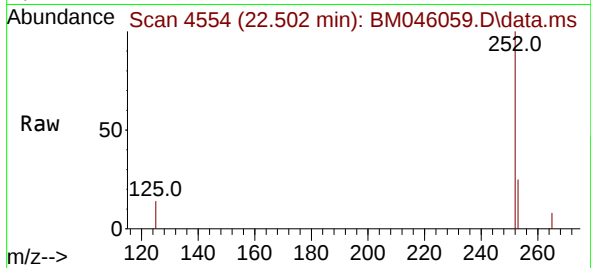
Tgt Ion:228 Resp: 64403
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.302 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

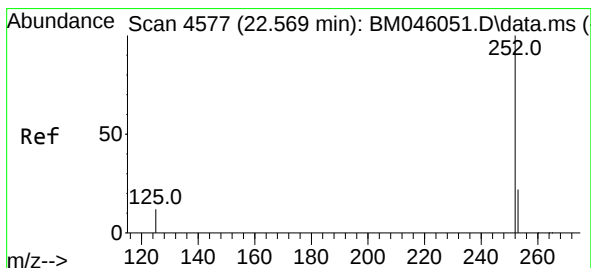
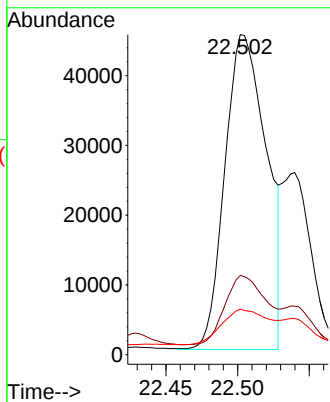
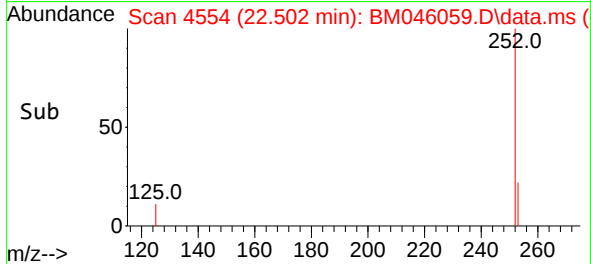
Instrument :
BNA_M
ClientSampleId :
A4BJ9



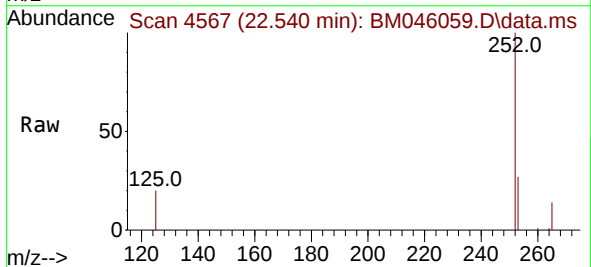
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Ion Ratio Lower Upper
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253 24.7 0.0 65.8
125 14.2 0.0 40.2

Manual Integrations
APPROVED

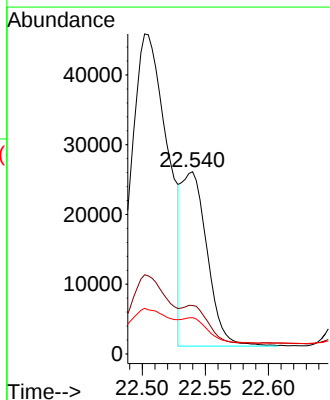
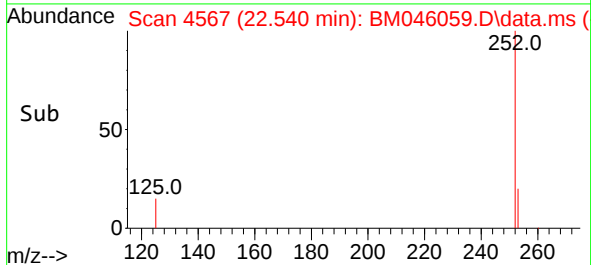
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

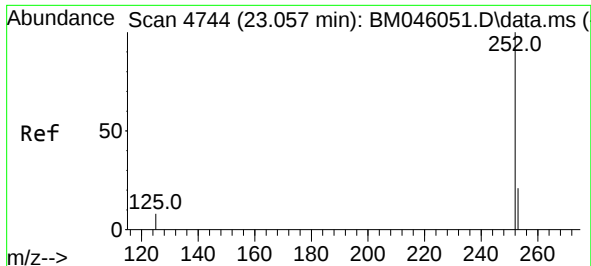


#25
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. -0.023 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02



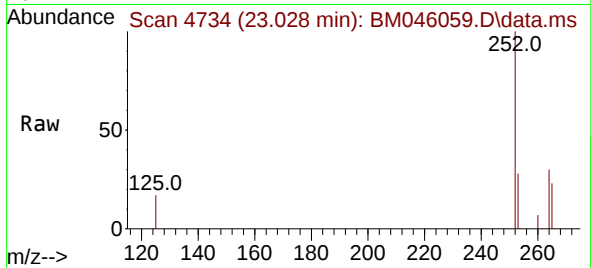
Tgt Ion:252 Resp: 35577
Ion Ratio Lower Upper
252 100
253 26.6 27.2 40.8#
125 19.9 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.906 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.026 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02

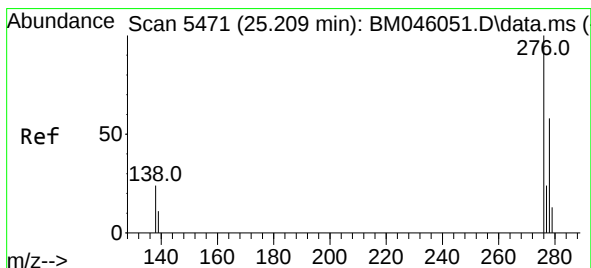
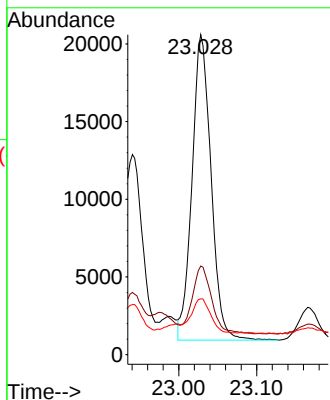
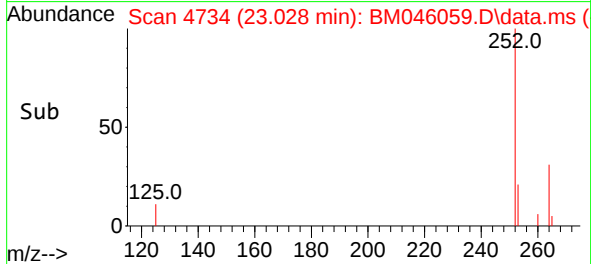
Instrument :
BNA_M
ClientSampleId :
A4BJ9



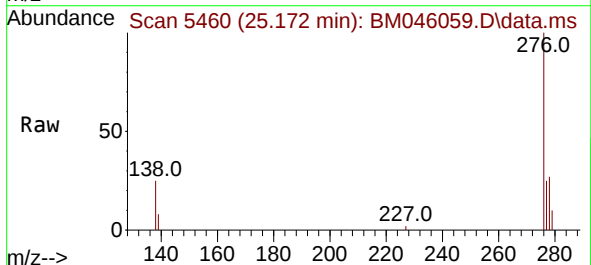
Tgt Ion:252 Resp: 33270
Ion Ratio Lower Upper
252 100
253 27.7 32.1 48.1
125 17.5 21.2 31.8

Manual Integrations
APPROVED

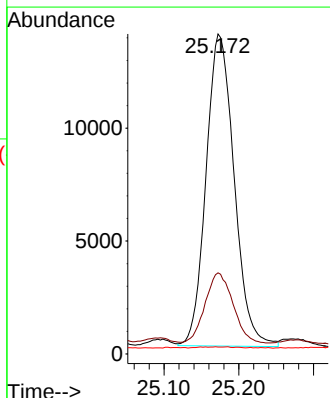
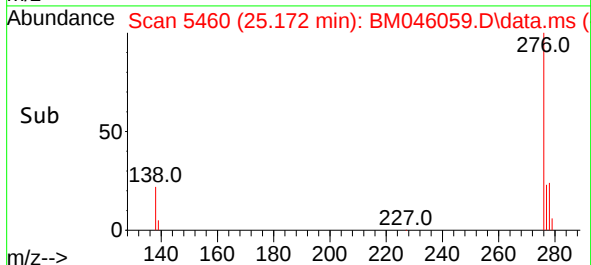
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

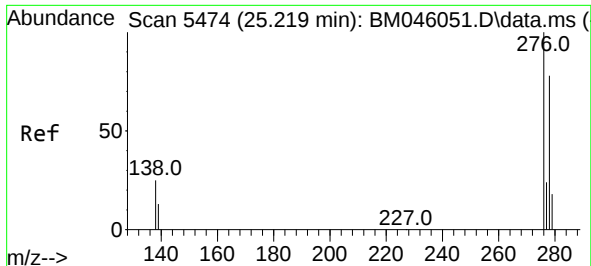


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.602 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.030 min
Lab File: BM046059.D
Acq: 18 Jun 2024 20:02



Tgt Ion:276 Resp: 36171
Ion Ratio Lower Upper
276 100
138 22.6 21.0 31.4
227 0.4 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.251 ng/ul

RT: 25.179 min Scan# 54

Delta R.T. -0.037 min

Lab File: BM046059.D

Acq: 18 Jun 2024 20:02

Instrument :

BNA_M

ClientSampleId :

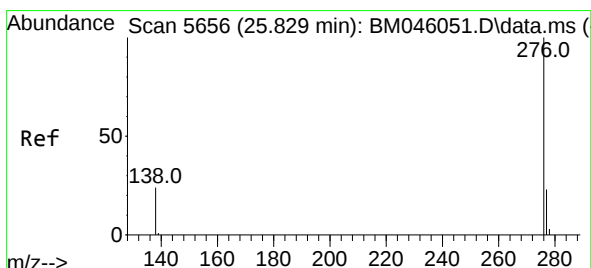
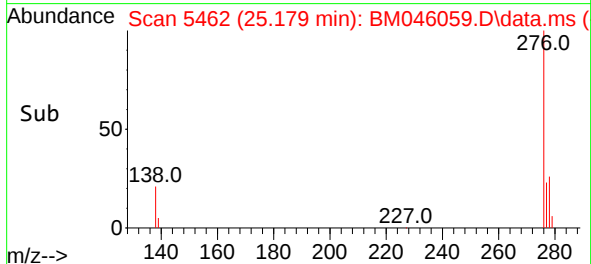
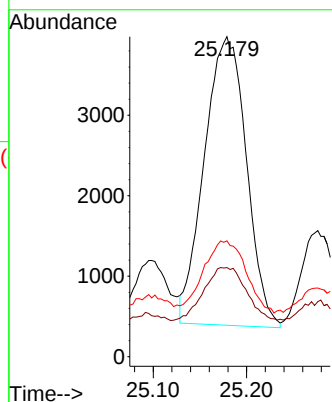
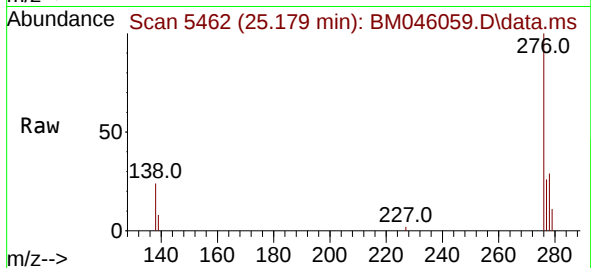
A4BJ9

Tgt Ion:278	Resp:	11224
Ion Ratio	Lower	Upper
278	100	
139	27.8	17.6 26.4#
279	36.2	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: 0.112 ng/ul

RT: 25.803 min Scan# 5648

Delta R.T. -0.027 min

Lab File: BM046059.D

Acq: 18 Jun 2024 20:02

Tgt Ion:276	Resp:	5776
Ion Ratio	Lower	Upper
276	100	
138	38.3	21.7 32.5#
277	34.1	20.4 30.6#

