

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046065.D
 Acq On : 18 Jun 2024 23:41
 Operator : MA/JU
 Sample : P2695-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL1

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:24:51 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	3561	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.204	136	10248	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.080	164	5536	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	11920m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	9614m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	10530m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	16459	3.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3507	0.255	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	8776	0.305	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.253	128	1878	0.066	ng/ul#	92
7) 2-Methylnaphthalene	11.903	142	526	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.118	142	461	0.026	ng/ul	95
10) Acenaphthylene	13.798	152	2669	0.102	ng/ul#	93
11) Acenaphthene	14.145	153	1704	0.090	ng/ul	97
12) Fluorene	15.135	166	2028	0.100	ng/ul	97
15) Phenanthrene	16.866	178	42558m	1.271	ng/ul	
16) Anthracene	16.954	178	7287m	0.292	ng/ul	
19) Fluoranthene	18.889	202	100156	2.406	ng/ul	96
20) Pyrene	19.247	202	67233	1.493	ng/ul	99
21) Benzo(a)anthracene	21.006	228	40729	1.097	ng/ul	100
22) Chrysene	21.059	228	48092	1.015	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	69502m	1.832	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	23377m	0.518	ng/ul	
26) Benzo(a)pyrene	23.022	252	23093m	0.657	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.172	276	25619	0.445	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.172	278	7763	0.181	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276	3739	0.076	ng/ul#	73

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

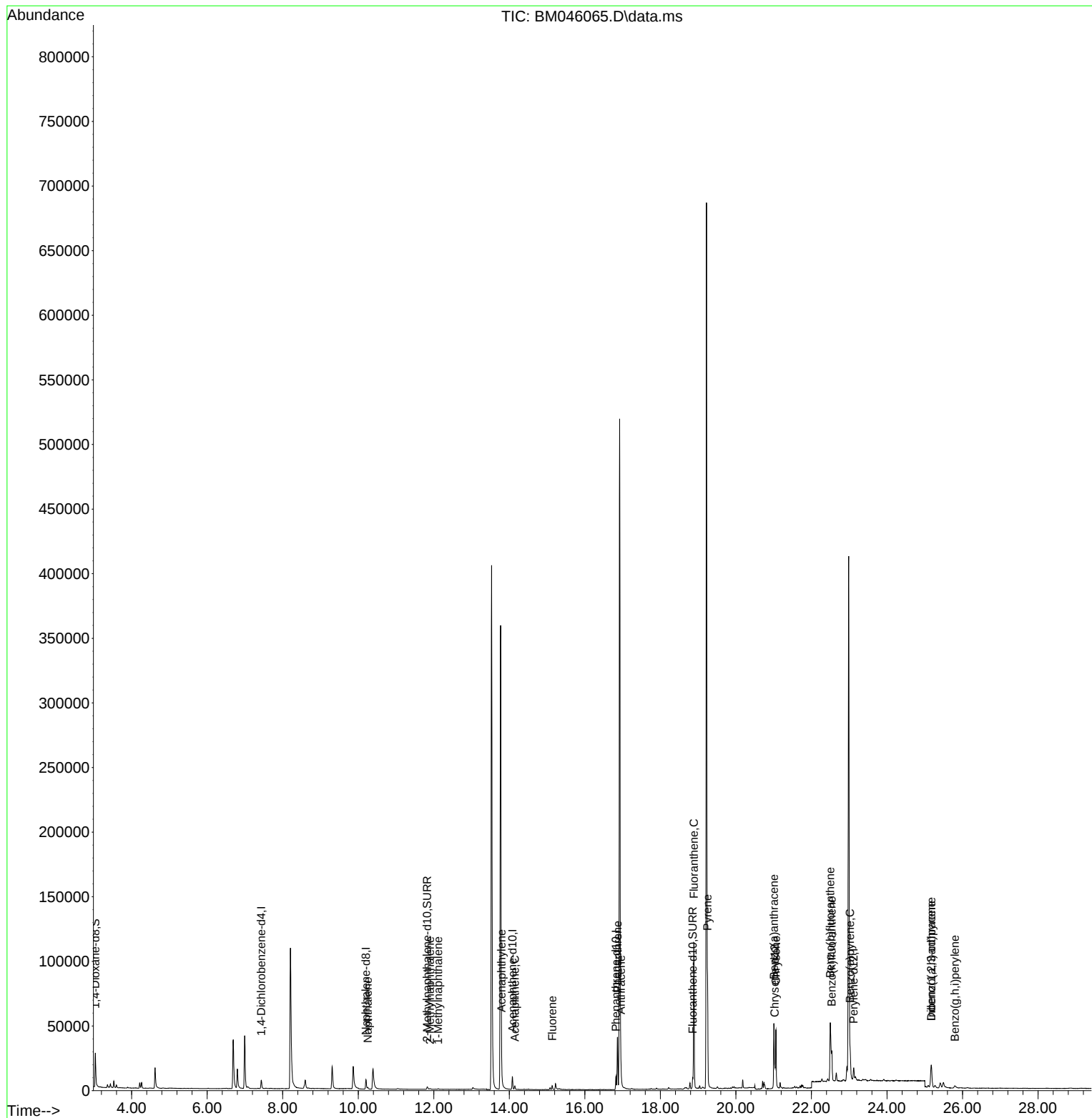
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046065.D
Acq On : 18 Jun 2024 23:41
Operator : MA/JU
Sample : P2695-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

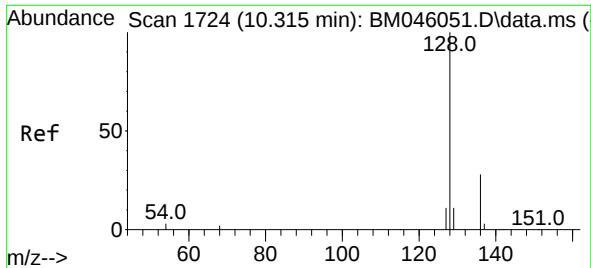
Instrument :
BNA_M
ClientSampleId :
A4BL1

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Supervised By :mohammad ahmed 06/21/2024

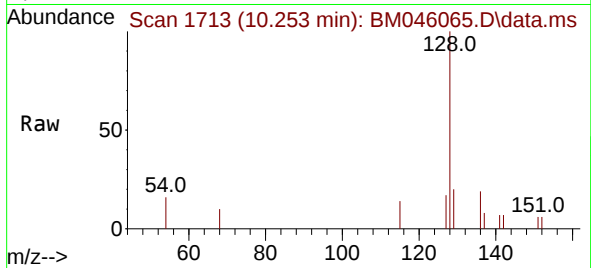
Quant Time: Jun 19 08:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

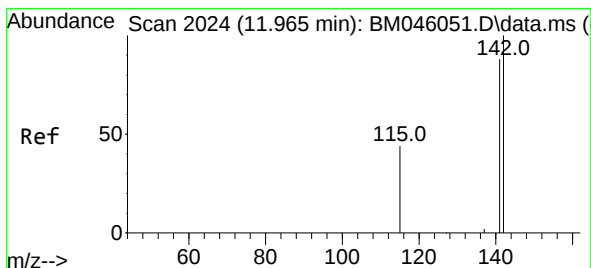
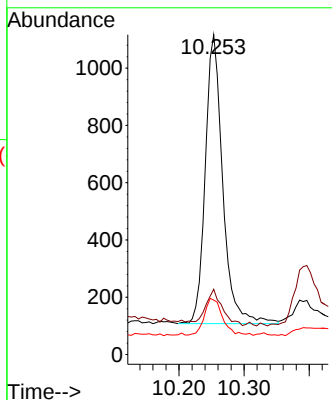
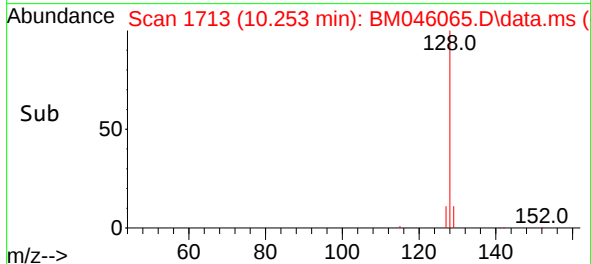
Instrument :
BNA_M
ClientSampleId :
A4BL1



Tgt Ion:128 Resp: 1878
Ion Ratio Lower Upper
128 100
129 20.4 11.8 17.6
127 17.0 12.8 19.2

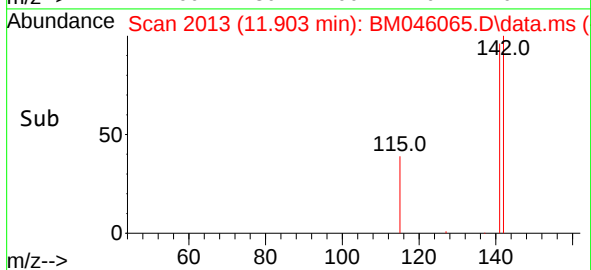
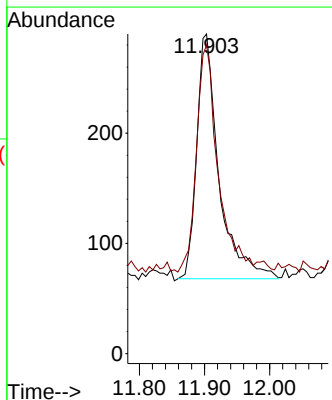
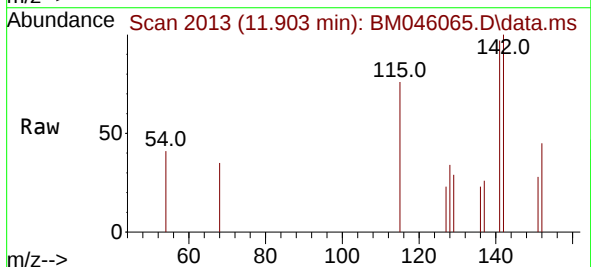
Manual Integrations
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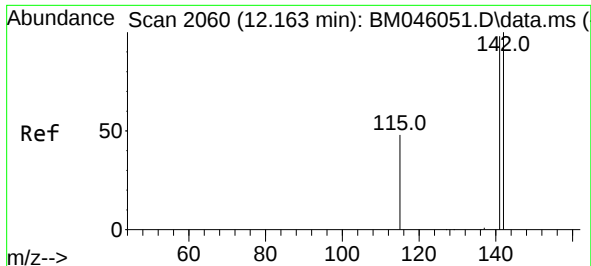
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

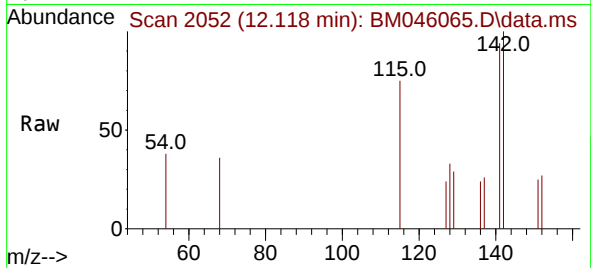
Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.118 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

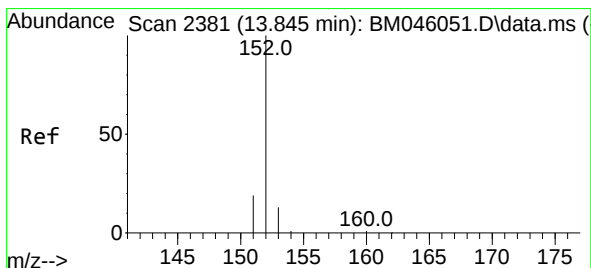
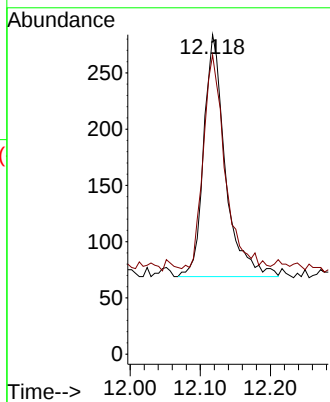
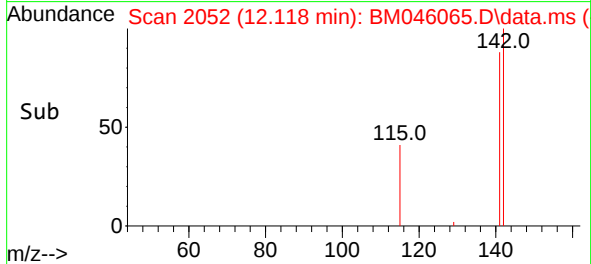
Instrument :
BNA_M
ClientSampleId :
A4BL1



Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
142 100
141 89.4 75.2 112.8

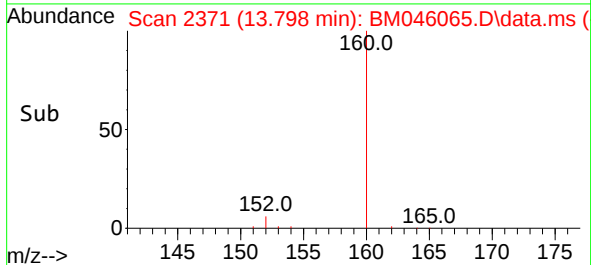
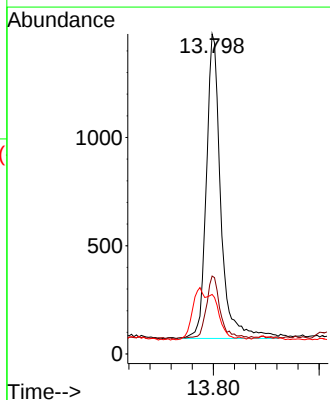
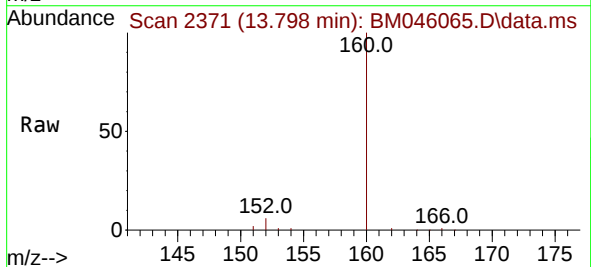
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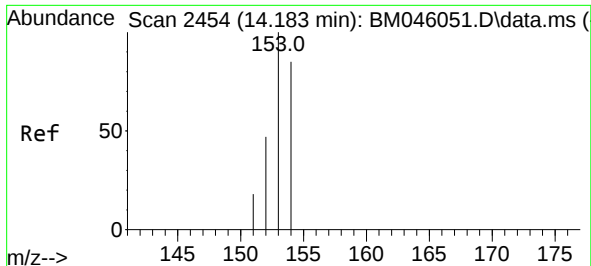
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.798 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

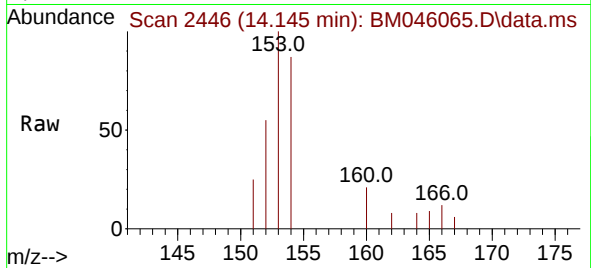
Tgt Ion:152 Resp: 2669
Ion Ratio Lower Upper
152 100
151 24.4 17.4 26.2
153 18.6 11.8 17.8#





#11
Acenaphthene
Concen: 0.090 ng/u1
RT: 14.145 min Scan# 2454
Delta R.T. -0.028 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

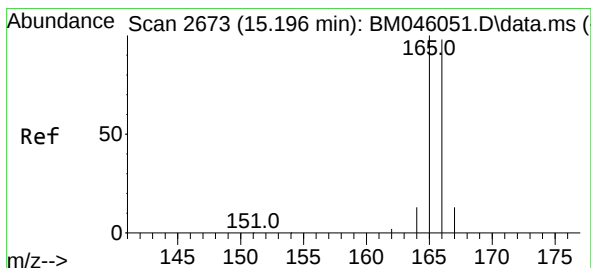
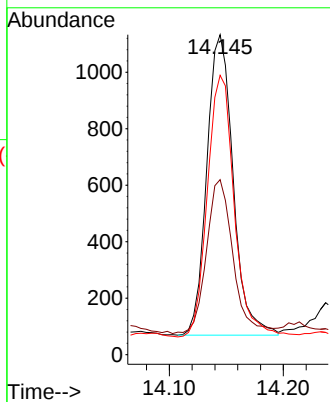
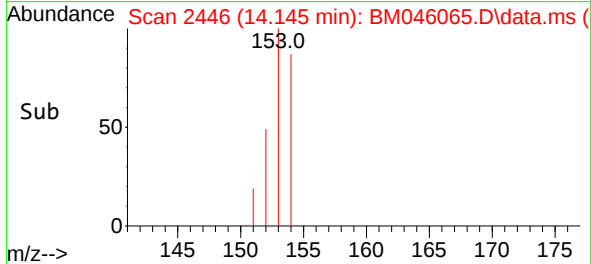
Instrument :
BNA_M
ClientSampleId :
A4BL1



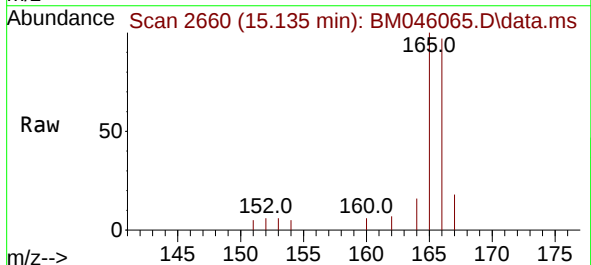
Tgt Ion:153 Resp: 1704
Ion Ratio Lower Upper
153 100
152 54.7 41.3 61.9
154 87.3 68.2 102.4

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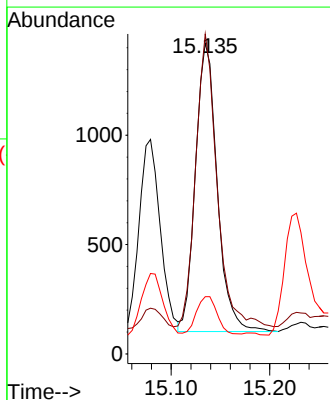
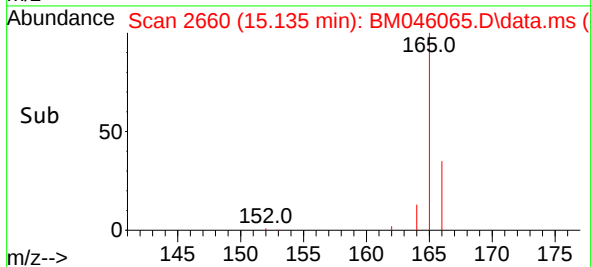
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

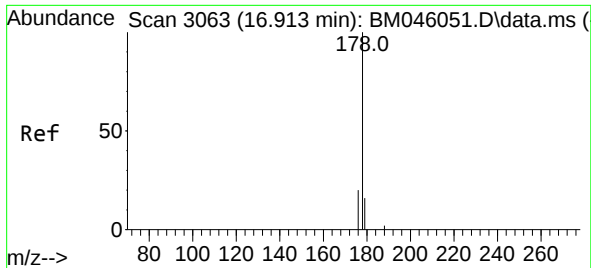


#12
Fluorene
Concen: 0.100 ng/u1
RT: 15.135 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41



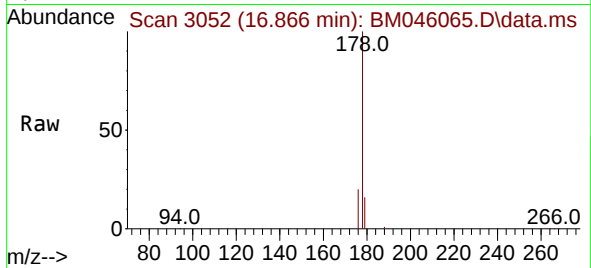
Tgt Ion:166 Resp: 2028
Ion Ratio Lower Upper
166 100
165 103.0 80.4 120.6
167 18.4 12.4 18.6





#15
Phenanthrene
Concen: 1.271 ng/ul m
RT: 16.866 min Scan# 3052
Delta R.T. -0.038 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

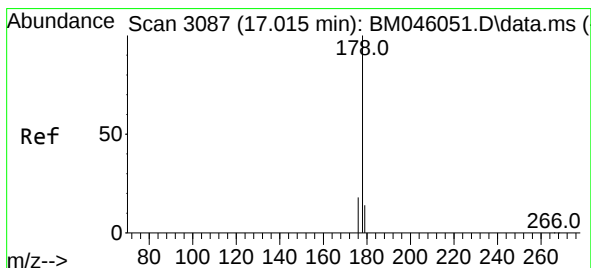
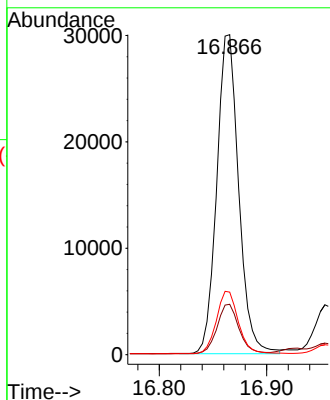
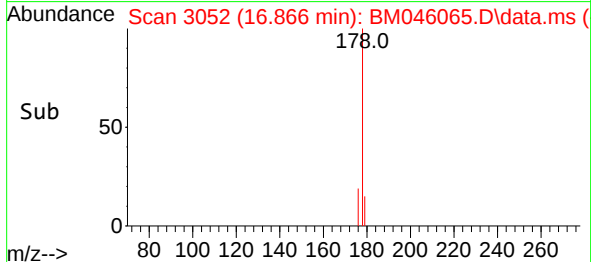
Instrument :
BNA_M
ClientSampleId :
A4BL1



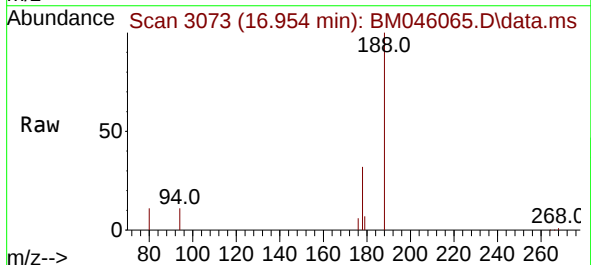
Tgt Ion:178 Resp: 42558
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.6 17.1 25.7

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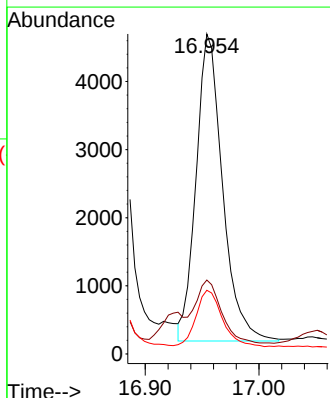
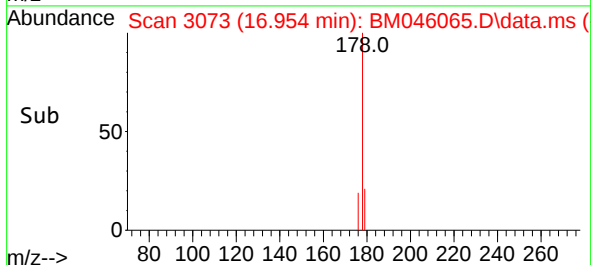
Reviewed By :Jagrut Upadhyay 06/19/2024
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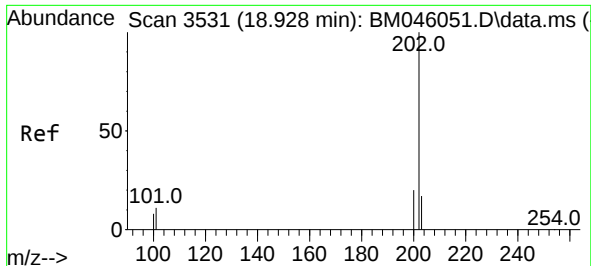


#16
Anthracene
Concen: 0.292 ng/ul m
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41



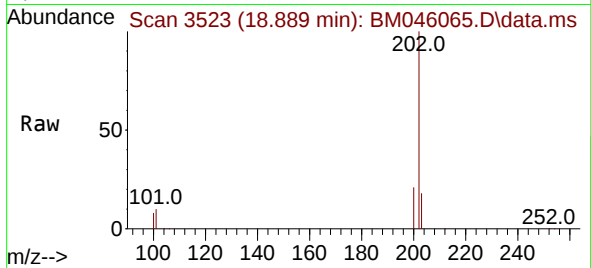
Tgt Ion:178 Resp: 7287
Ion Ratio Lower Upper
178 100
179 23.1 14.9 22.3#
176 19.9 17.0 25.4





#19
Fluoranthene
Concen: 2.406 ng/u1
RT: 18.889 min Scan# 3523
Delta R.T. -0.028 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

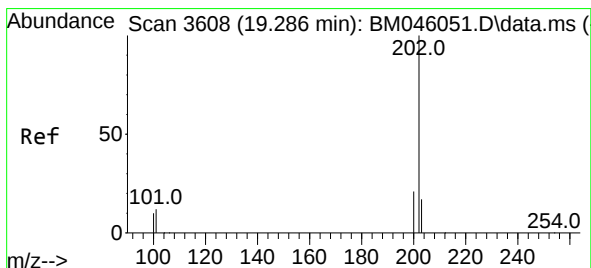
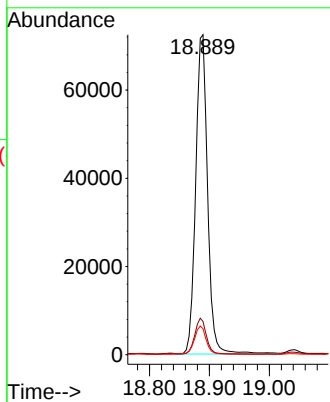
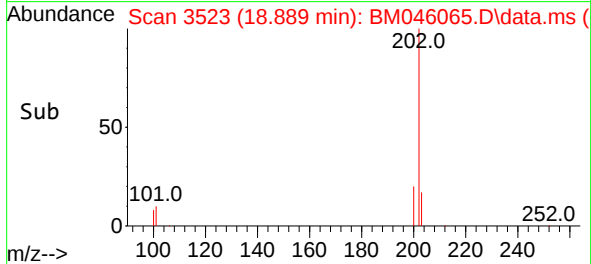
Instrument :
BNA_M
ClientSampleId :
A4BL1



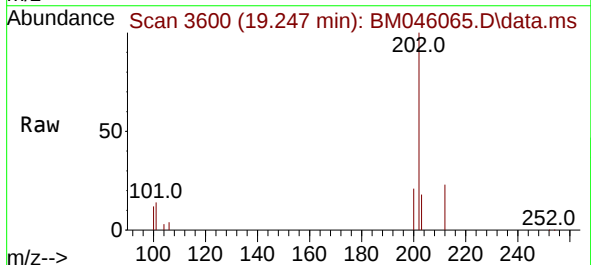
Tgt Ion:202 Resp: 100150
Ion Ratio Lower Upper
202 100
101 10.3 9.6 14.4
100 8.1 7.6 11.4

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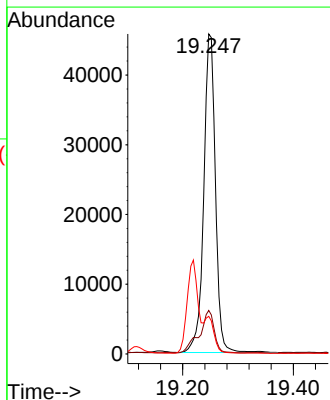
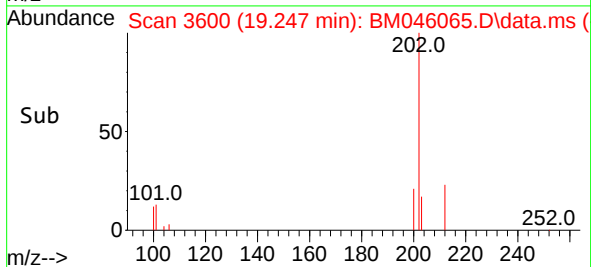
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

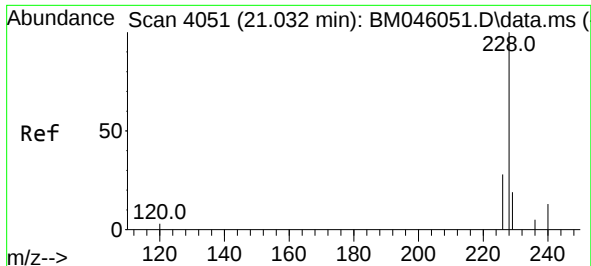


#20
Pyrene
Concen: 1.493 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41



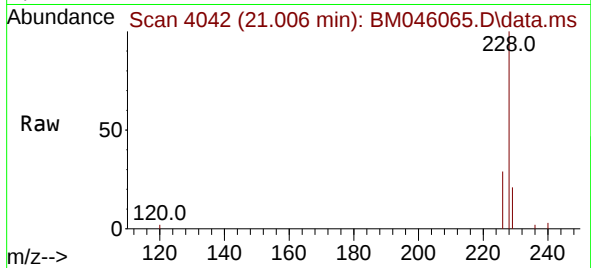
Tgt Ion:202 Resp: 67233
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.097 ng/ul
RT: 21.006 min Scan# 4072
Delta R.T. -0.023 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

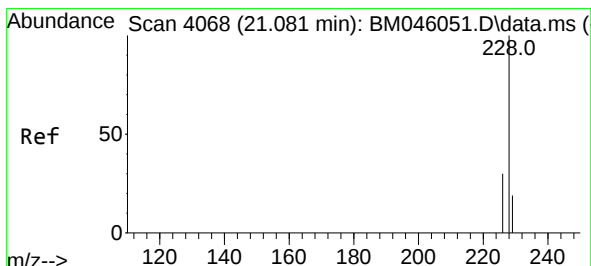
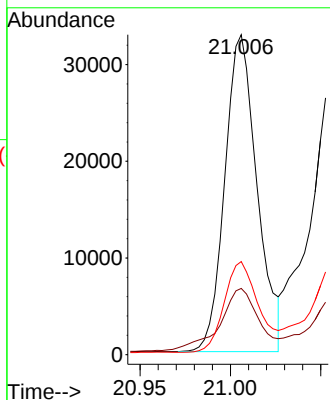
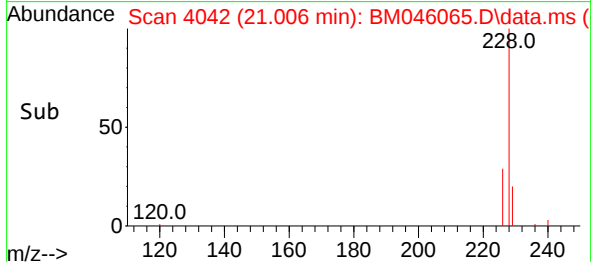
Instrument :
BNA_M
ClientSampleId :
A4BL1



Tgt Ion:228 Resp: 40729
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.1 23.4 35.2

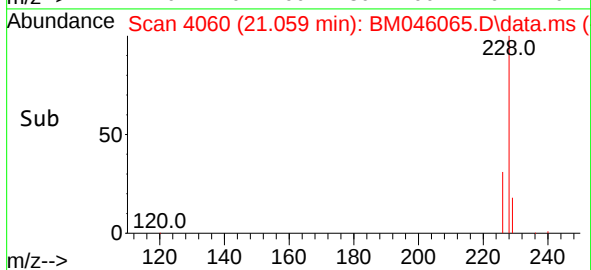
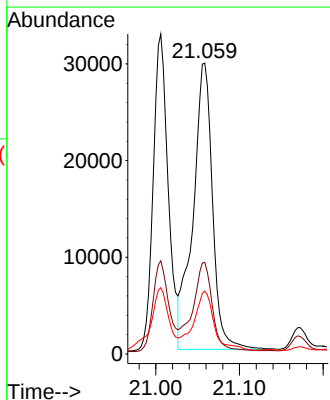
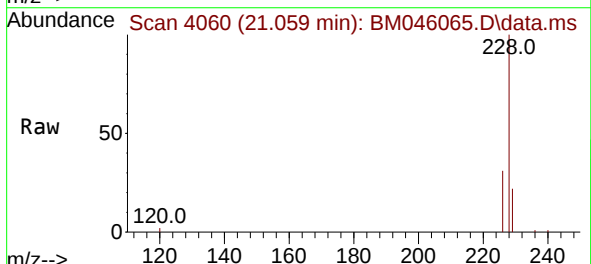
Manual Integrations
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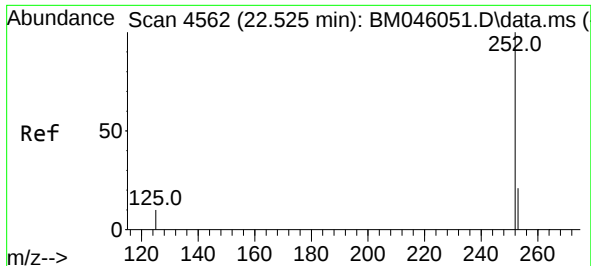
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.015 ng/ul
RT: 21.059 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

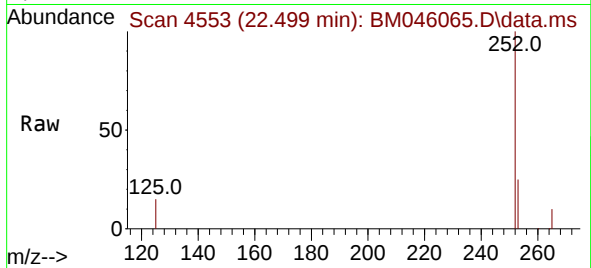
Tgt Ion:228 Resp: 48092
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.832 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.020 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

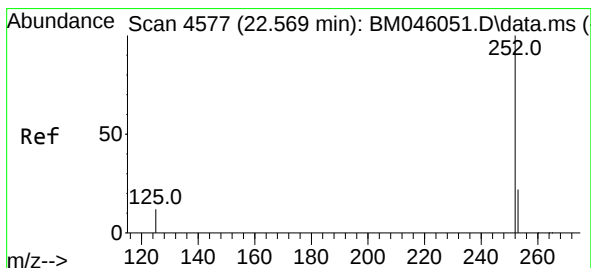
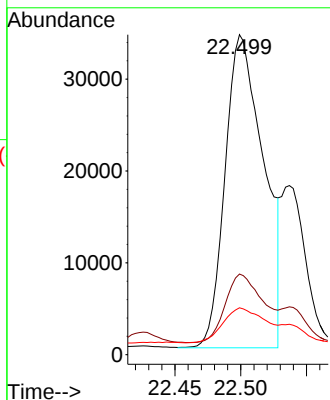
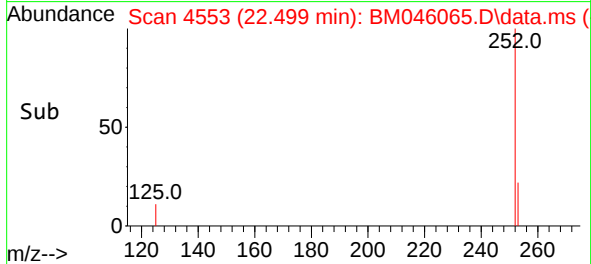
Instrument :
BNA_M
ClientSampleId :
A4BL1



Tgt Ion:252 Resp: 69502
Ion Ratio Lower Upper
252 100
253 25.2 0.0 65.8
125 14.7 0.0 40.2

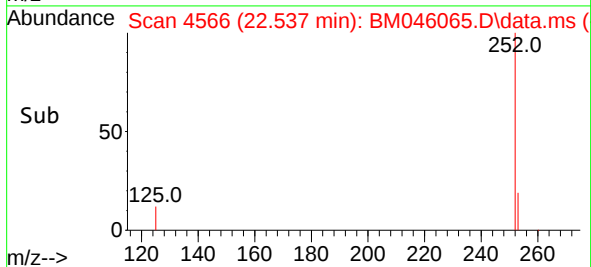
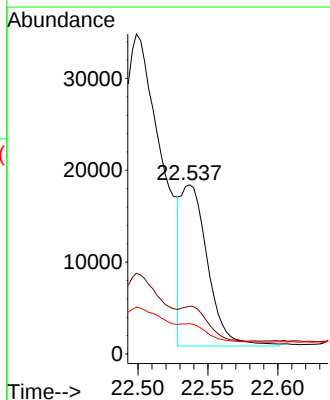
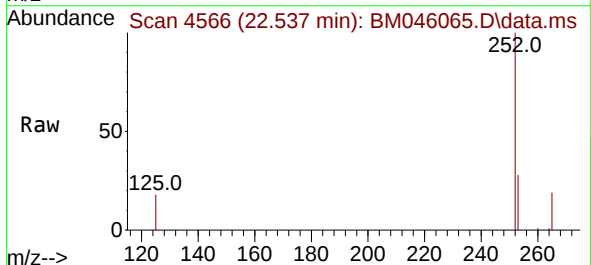
Manual Integrations
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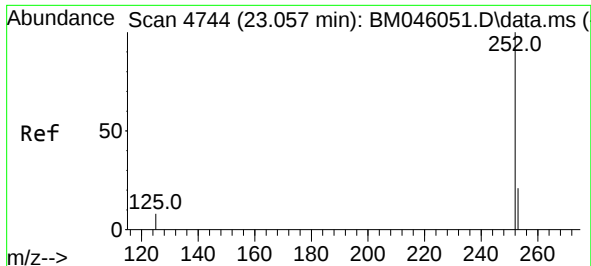
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

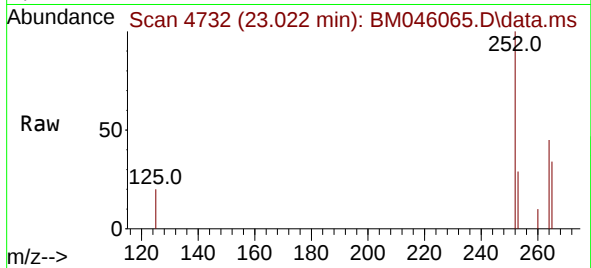
Tgt Ion:252 Resp: 23377
Ion Ratio Lower Upper
252 100
253 28.3 27.2 40.8
125 17.9 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.657 ng/ul m
RT: 23.022 min Scan# 4
Delta R.T. -0.032 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

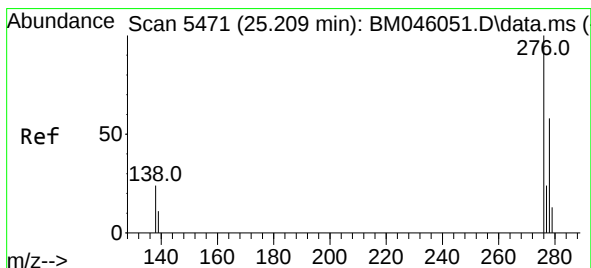
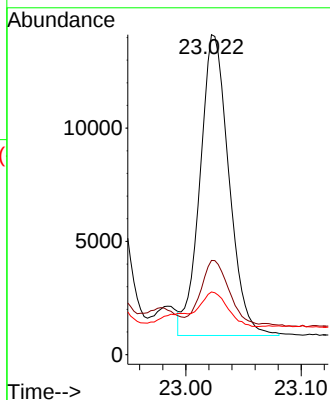
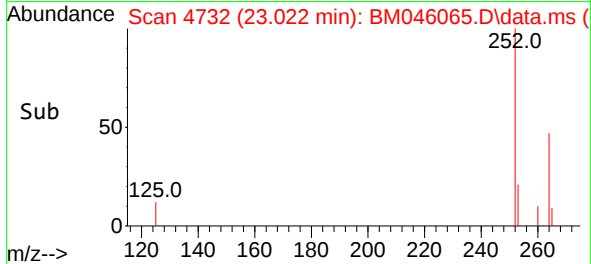
Instrument :
BNA_M
ClientSampleId :
A4BL1



Tgt Ion:252 Resp: 2309
Ion Ratio Lower Upper
252 100
253 29.5 32.1 48.1
125 19.6 21.2 31.8

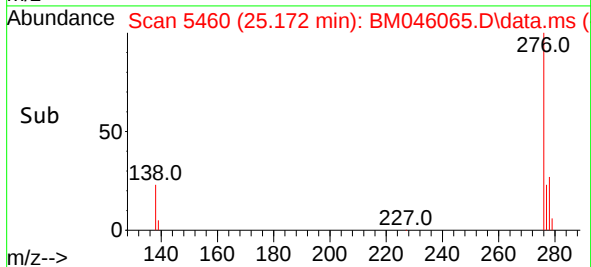
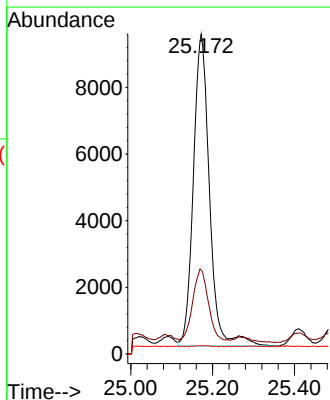
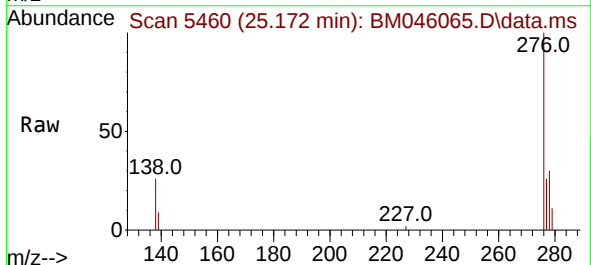
Manual Integrations
APPROVED

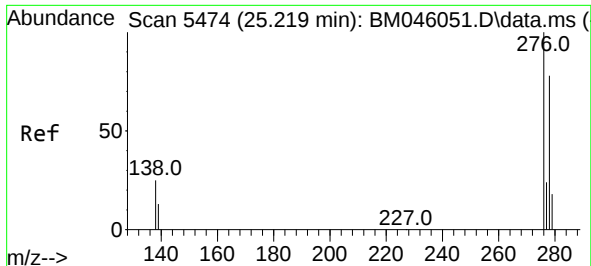
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.030 min
Lab File: BM046065.D
Acq: 18 Jun 2024 23:41

Tgt Ion:276 Resp: 25619
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.181 ng/ul

RT: 25.172 min Scan# 54

Delta R.T. -0.044 min

Lab File: BM046065.D

Acq: 18 Jun 2024 23:41

Instrument :

BNA_M

ClientSampleId :

A4BL1

Tgt Ion:278 Resp: 776

Ion Ratio Lower Upper

278 100

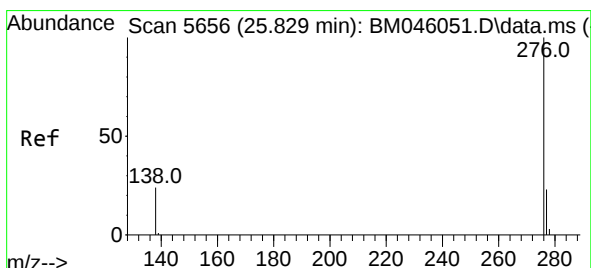
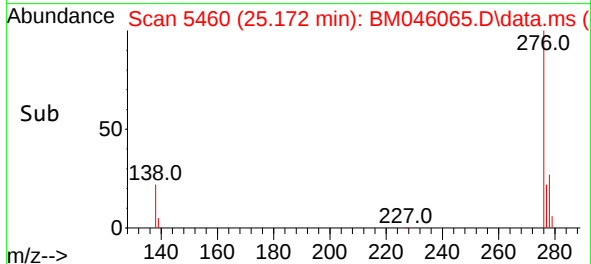
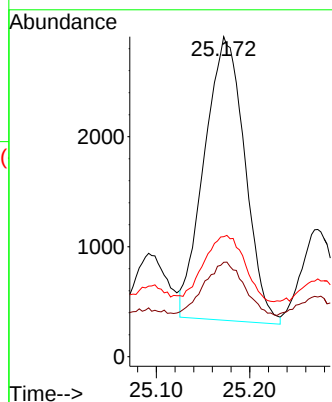
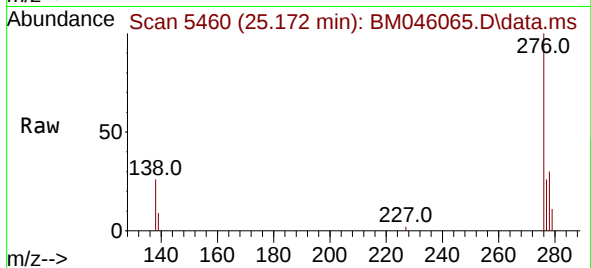
139 29.5 17.6 26.4

279 37.5 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: 0.076 ng/ul

RT: 25.796 min Scan# 5646

Delta R.T. -0.034 min

Lab File: BM046065.D

Acq: 18 Jun 2024 23:41

Tgt Ion:276 Resp: 3739

Ion Ratio Lower Upper

276 100

138 42.0 21.7 32.5

277 37.7 20.4 30.6

