

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046072.D
 Acq On : 19 Jun 2024 04:30
 Operator : MA/JU
 Sample : P2695-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL3

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:26:05 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	7.430	152	4701	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.198	136	13313	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.080	164	6963	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.819	188	14845m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.021	240	11781m	0.400	ng/ul	-0.02
23) Perylene-d12	23.116	264	12592m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	24021	3.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.821	152	5039	0.282	ng/ul	-0.04
18) Fluoranthene-d10	18.852	212	11022	0.312	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	1947	0.052	ng/ul#	93
7) 2-Methylnaphthalene	11.898	142	524	0.025	ng/ul	99
10) Acenaphthylene	13.793	152	2542	0.077	ng/ul#	92
11) Acenaphthene	14.140	153	2002	0.084	ng/ul	97
12) Fluorene	15.134	166	2346	0.092	ng/ul	96
15) Phenanthrene	16.861	178	54021m	1.295	ng/ul	
16) Anthracene	16.954	178	8366m	0.269	ng/ul	
19) Fluoranthene	18.885	202	126293	2.476	ng/ul	97
20) Pyrene	19.247	202	81674	1.481	ng/ul	96
21) Benzo(a)anthracene	21.003	228	46348m	1.019	ng/ul	
22) Chrysene	21.056	228	56420	0.972	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	86698m	1.911	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	27883m	0.517	ng/ul	
26) Benzo(a)pyrene	23.022	252	26216m	0.624	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.165	276	31155	0.453	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.169	278	9341	0.182	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276	4737	0.080	ng/ul#	79

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

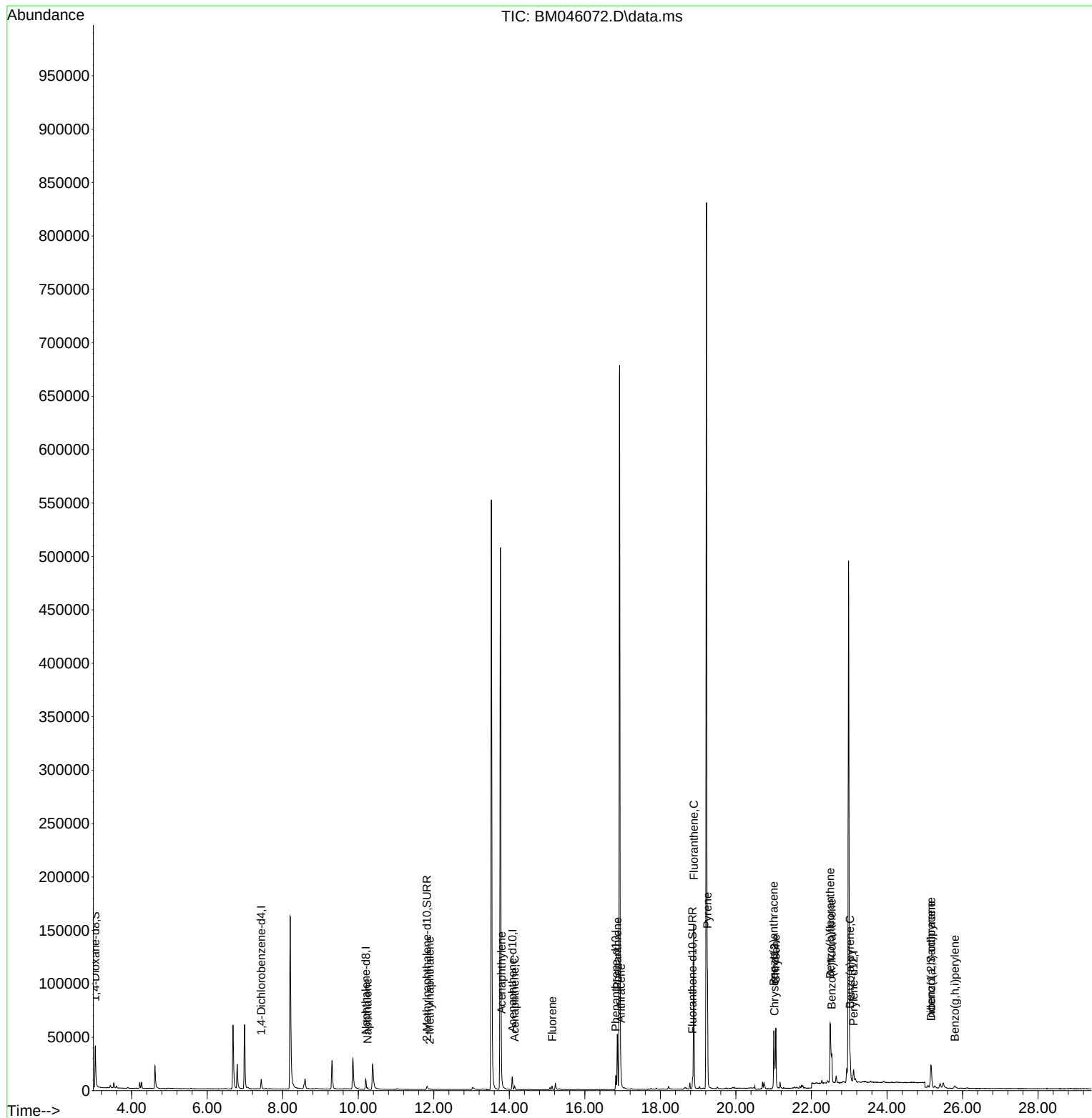
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046072.D
Acq On : 19 Jun 2024 04:30
Operator : MA/JU
Sample : P2695-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

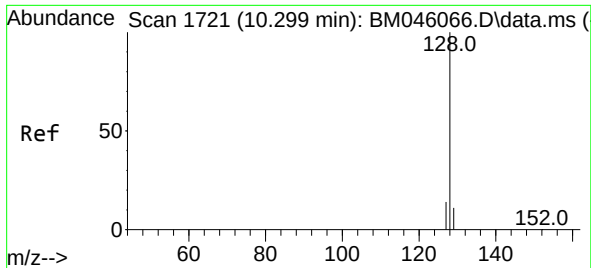
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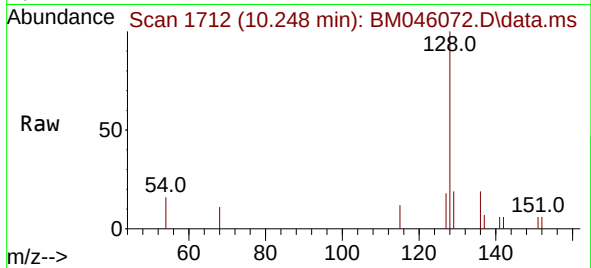
Quant Time: Jun 19 08:26:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.055 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

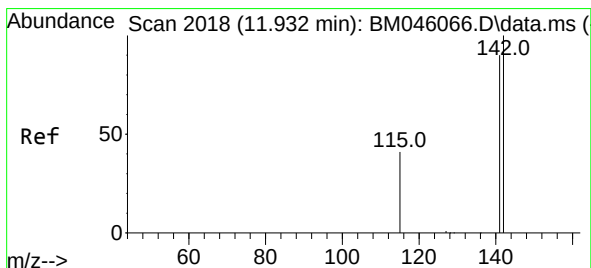
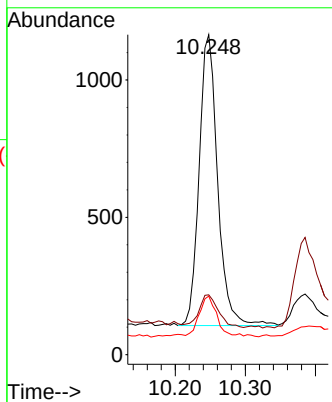
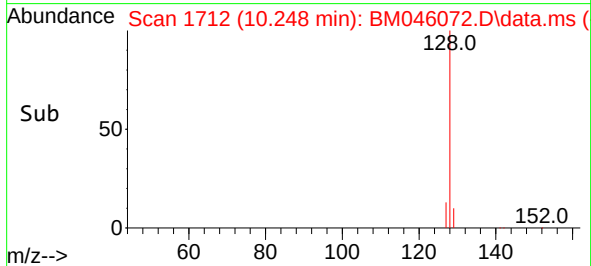
Instrument :
BNA_M
ClientSampleId :
A4BL3



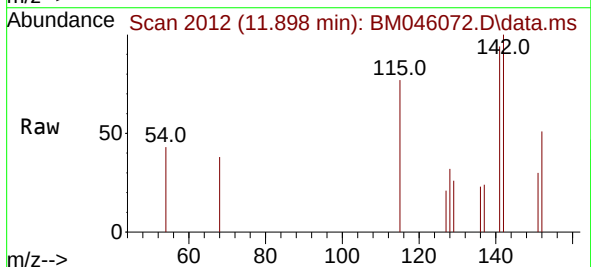
Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
129 18.7 11.8 17.6
127 18.3 12.8 19.2

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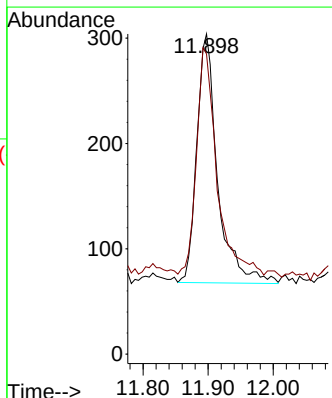
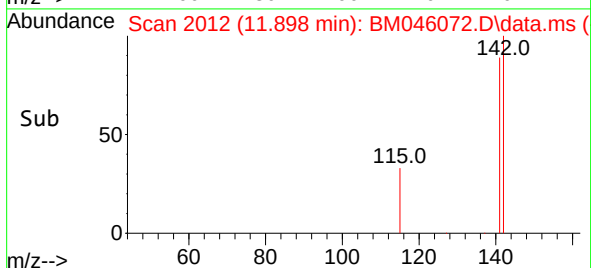
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

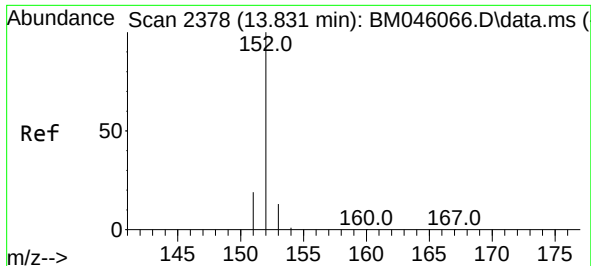


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30



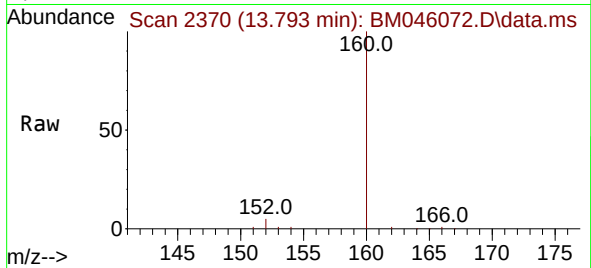
Tgt Ion:142 Resp: 524
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8





#10
Acenaphthylene
Concen: 0.077 ng/u1
RT: 13.793 min Scan# 21
Delta R.T. -0.042 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

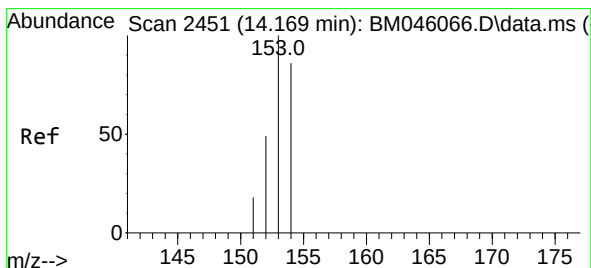
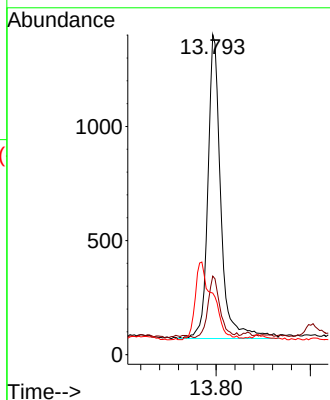
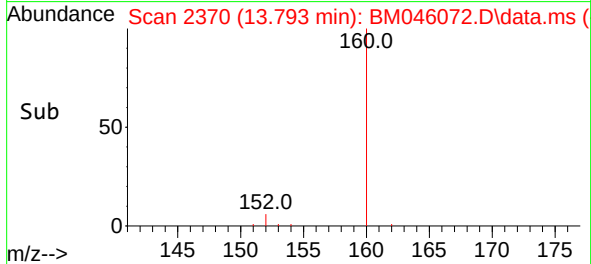
Instrument :
BNA_M
ClientSampleId :
A4BL3



Tgt Ion:152 Resp: 254
Ion Ratio Lower Upper
152 100
151 24.5 17.4 26.2
153 19.3 11.8 17.8

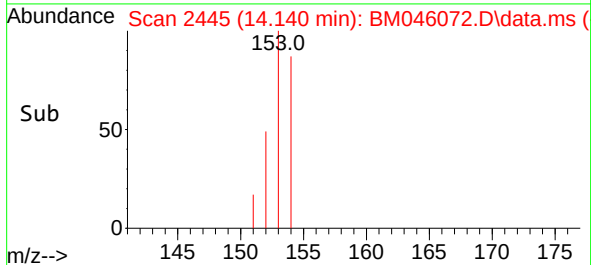
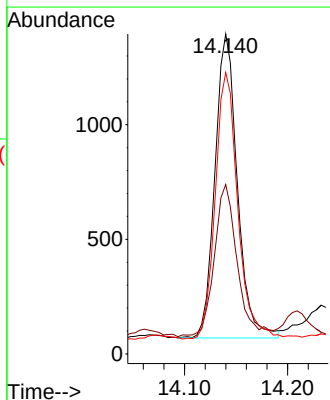
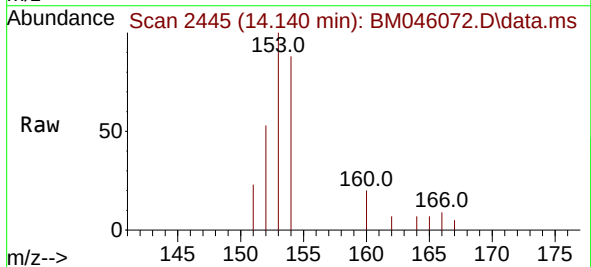
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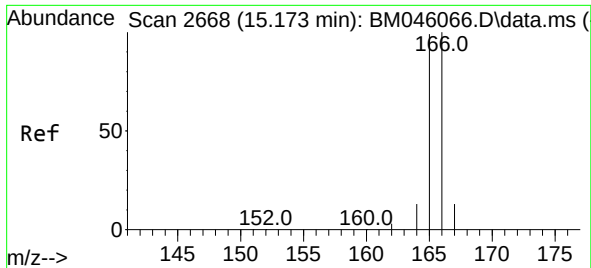
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#11
Acenaphthene
Concen: 0.084 ng/u1
RT: 14.140 min Scan# 2445
Delta R.T. -0.032 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

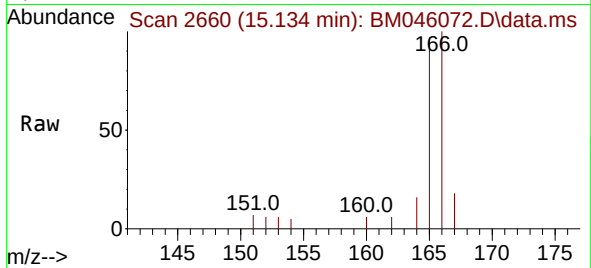
Tgt Ion:153 Resp: 2002
Ion Ratio Lower Upper
153 100
152 52.9 41.3 61.9
154 88.0 68.2 102.4





#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

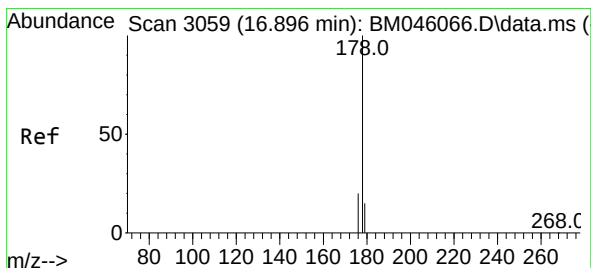
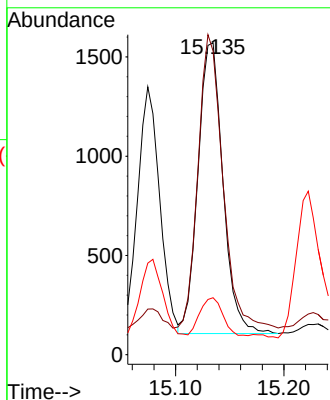
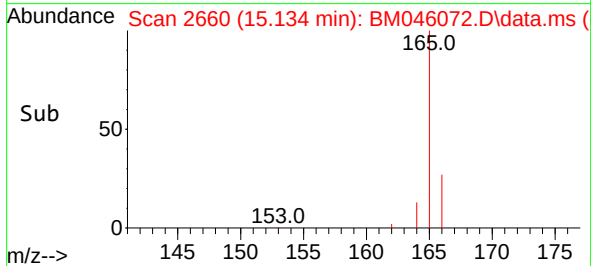
Instrument :
BNA_M
ClientSampleId :
A4BL3



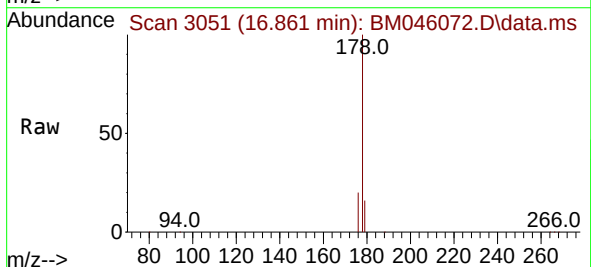
Tgt Ion:166 Resp: 2340
Ion Ratio Lower Upper
166 100
165 97.4 80.4 120.6
167 18.3 12.4 18.6

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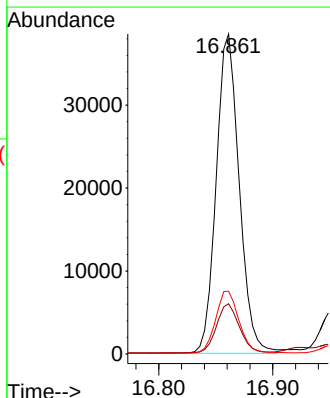
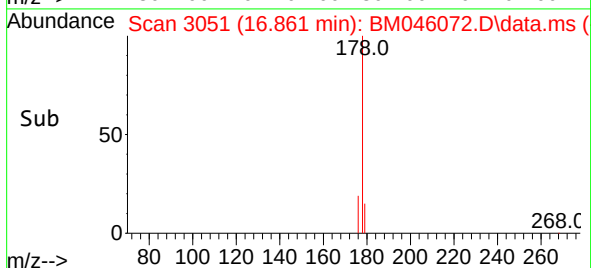
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

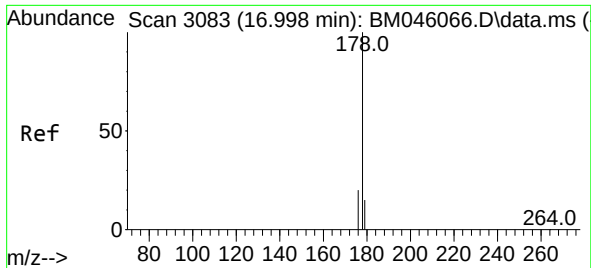


#15
Phenanthrene
Concen: 1.295 ng/ul m
RT: 16.861 min Scan# 3051
Delta R.T. -0.042 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30



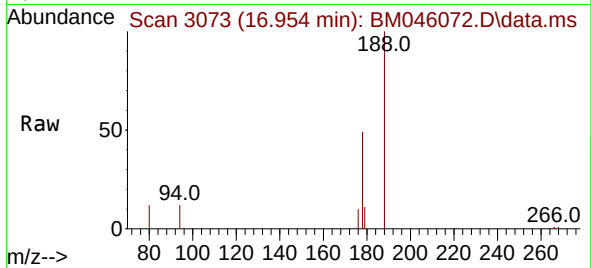
Tgt Ion:178 Resp: 54021
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.6 17.1 25.7





#16
 Anthracene
 Concen: 0.269 ng/ul m
 RT: 16.954 min Scan# 3083
 Delta R.T. -0.051 min
 Lab File: BM046072.D
 Acq: 19 Jun 2024 04:30

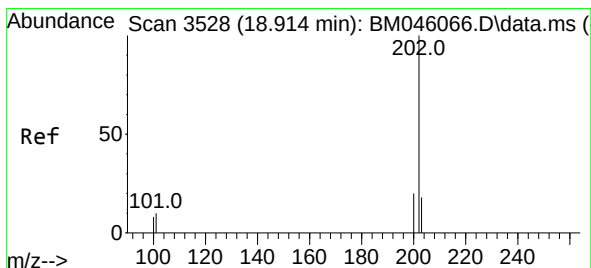
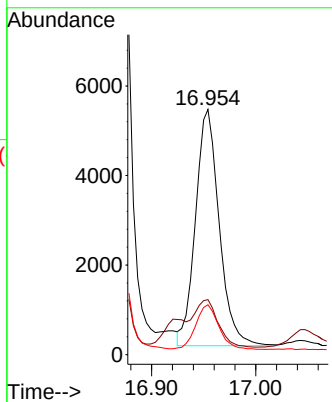
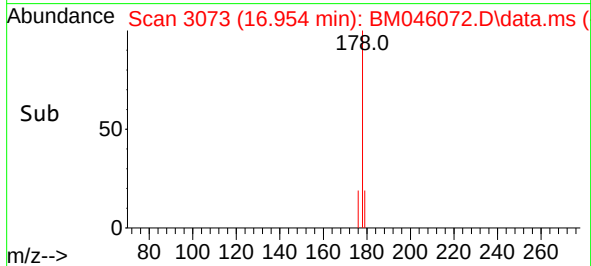
Instrument :
 BNA_M
 ClientSampleId :
 A4BL3



Tgt Ion:178 Resp: 8360
 Ion Ratio Lower Upper
 178 100
 179 22.5 14.9 22.3
 176 20.4 17.0 25.4

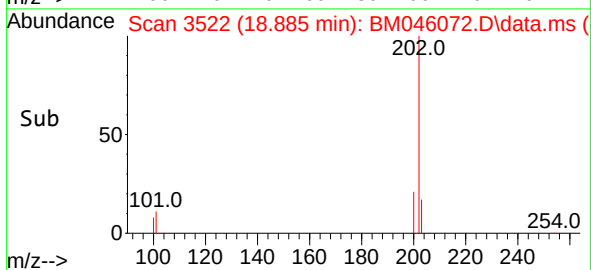
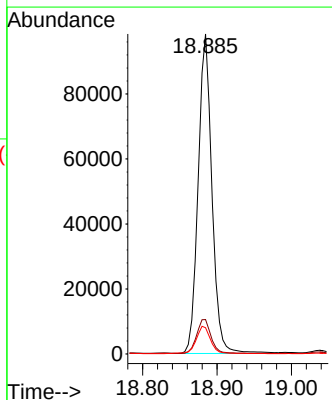
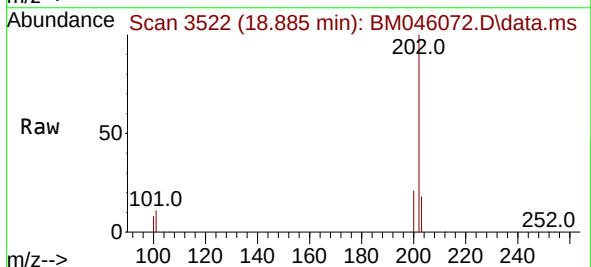
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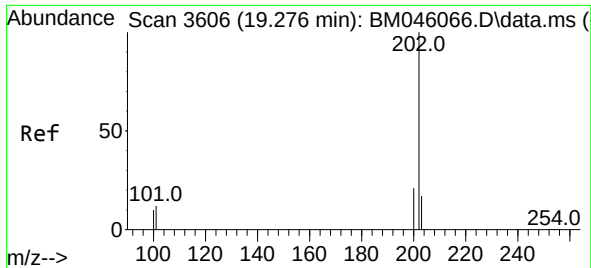
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 2.476 ng/ul
 RT: 18.885 min Scan# 3522
 Delta R.T. -0.033 min
 Lab File: BM046072.D
 Acq: 19 Jun 2024 04:30

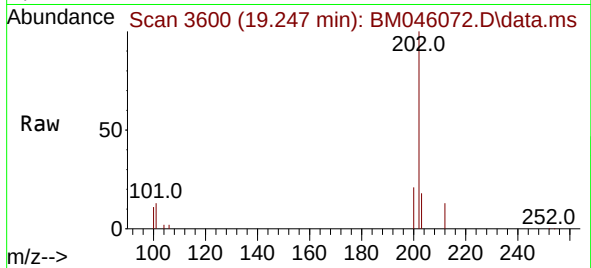
Tgt Ion:202 Resp: 126293
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.6 14.4
 100 8.2 7.6 11.4





#20
Pyrene
Concen: 1.481 ng/ul
RT: 19.247 min Scan# 30
Delta R.T. -0.028 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

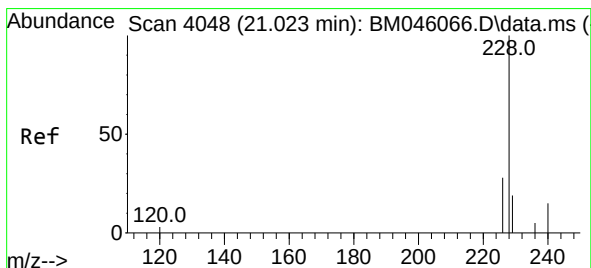
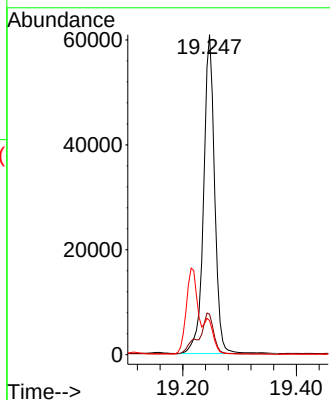
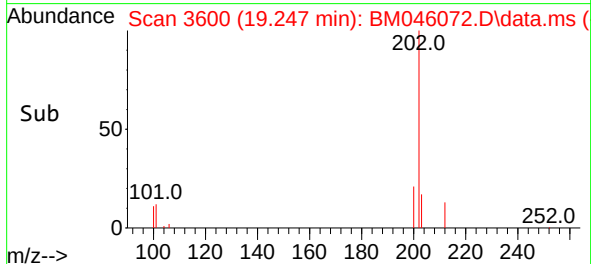
Instrument :
BNA_M
ClientSampleId :
A4BL3



Tgt Ion:202 Resp: 81674
Ion Ratio Lower Upper
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101 12.7 11.3 16.9
100 10.7 9.8 14.6

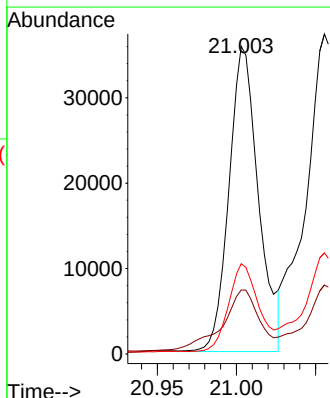
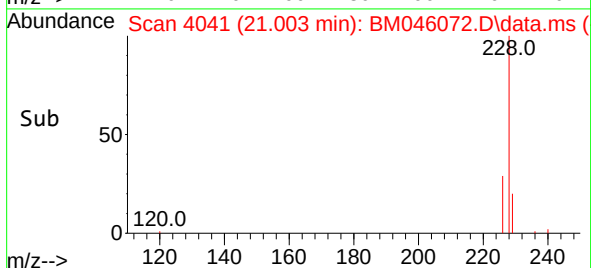
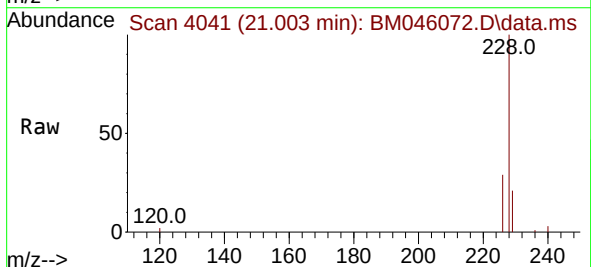
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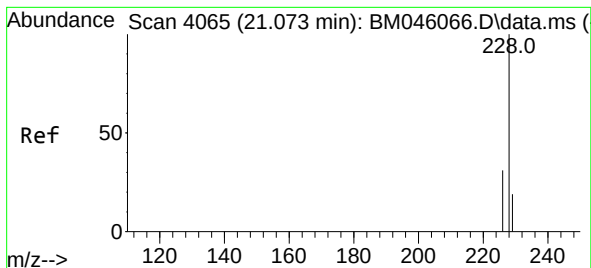
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 1.019 ng/ul m
RT: 21.003 min Scan# 4041
Delta R.T. -0.026 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Tgt Ion:228 Resp: 46348
Ion Ratio Lower Upper
228 100
229 20.8 16.4 24.6
226 29.3 23.4 35.2





#22

Chrysene

Concen: 0.972 ng/ul

RT: 21.056 min Scan# 4059

Delta R.T. -0.020 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

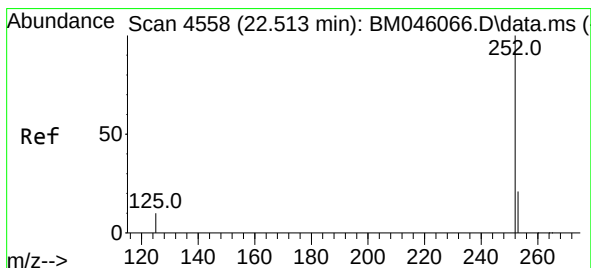
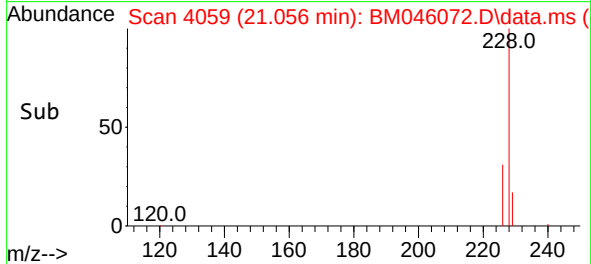
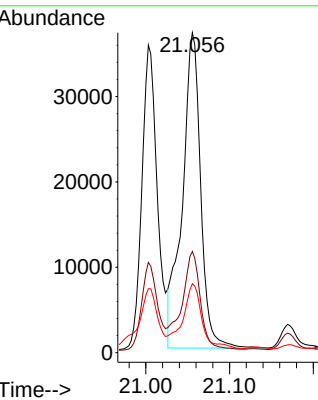
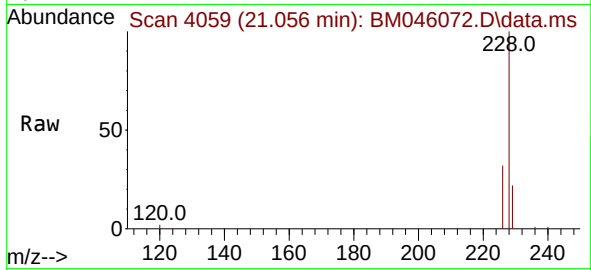
A4BL3

Tgt Ion:	228	Resp:	56420
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.2	37.8
229	21.6	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 1.911 ng/ul m

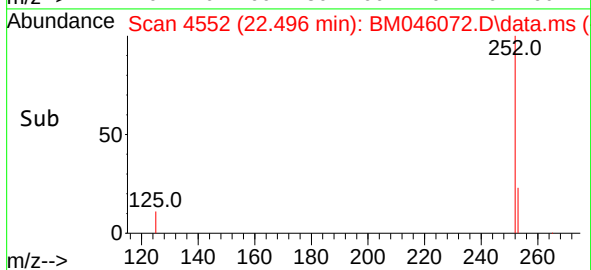
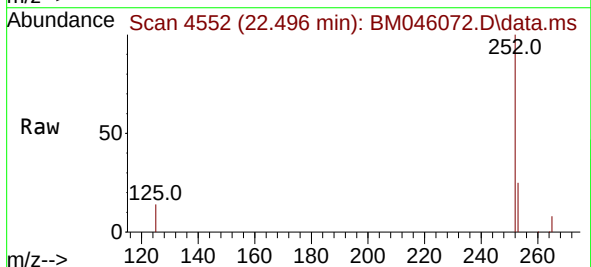
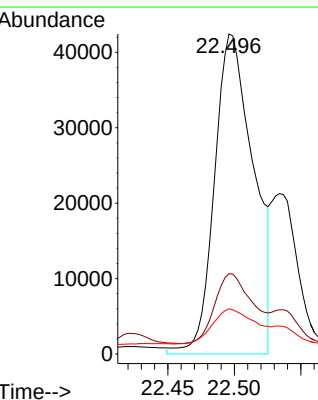
RT: 22.496 min Scan# 4552

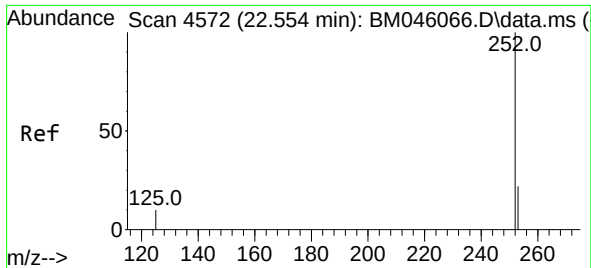
Delta R.T. -0.023 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

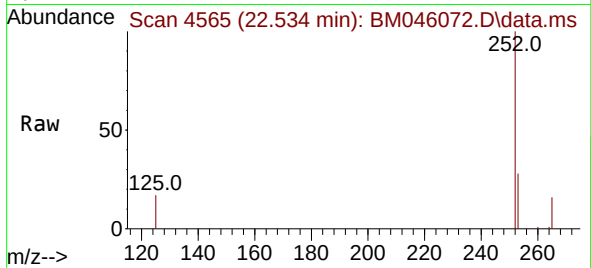
Tgt Ion:	252	Resp:	86698
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	65.8
125	14.1	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 0.517 ng/ul m
RT: 22.534 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

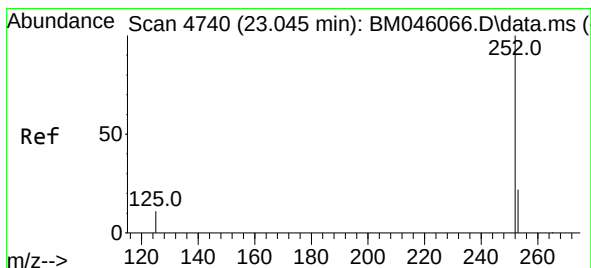
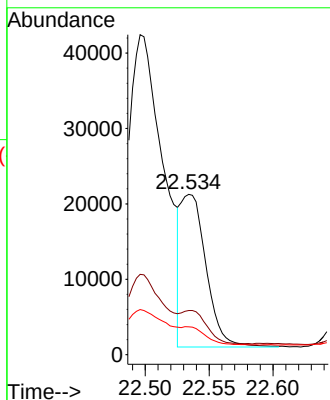
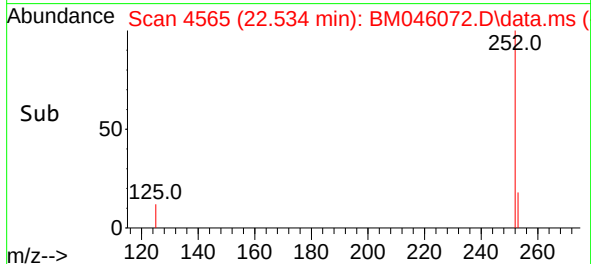
Instrument :
BNA_M
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A4BL3



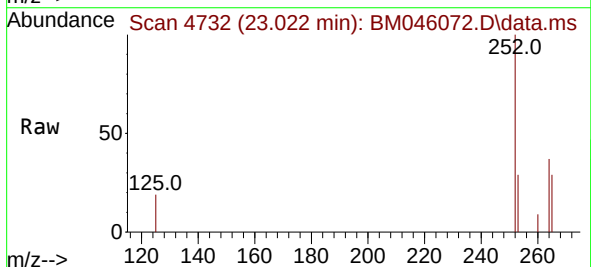
Tgt Ion:252 Resp: 2788
Ion Ratio Lower Upper
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253 27.5 27.2 40.8
125 17.4 16.6 25.0

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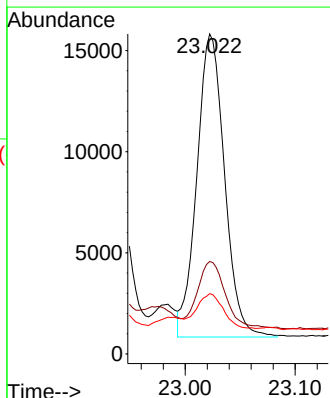
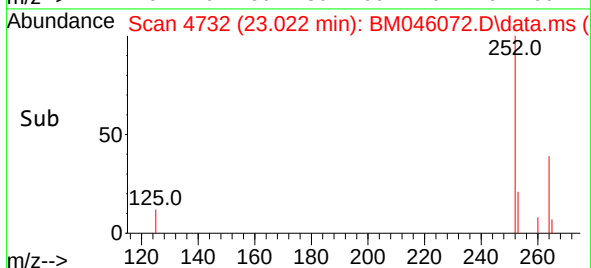
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

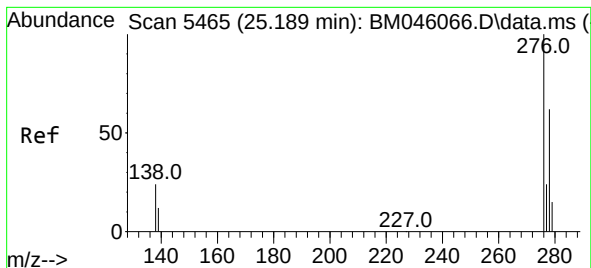


#26
Benzo(a)pyrene
Concen: 0.624 ng/ul m
RT: 23.022 min Scan# 4732
Delta R.T. -0.032 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30



Tgt Ion:252 Resp: 26216
Ion Ratio Lower Upper
252 100
253 28.9 32.1 48.1#
125 18.9 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.453 ng/ul

RT: 25.165 min Scan# 5458

Delta R.T. -0.037 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

Instrument :

BNA_M

ClientSampleId :

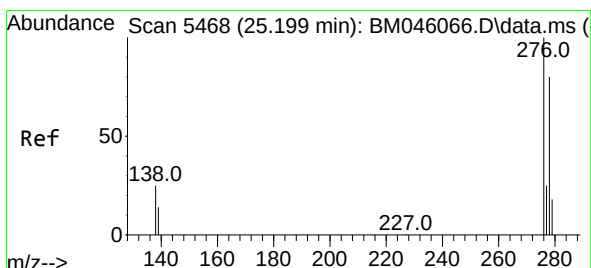
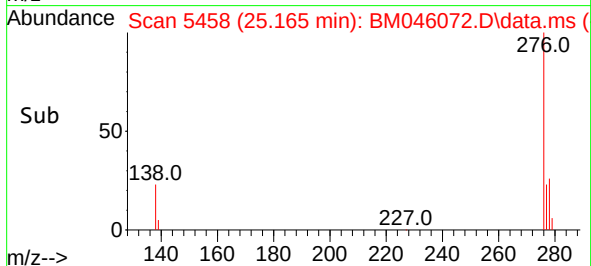
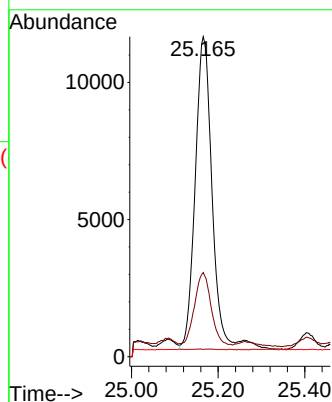
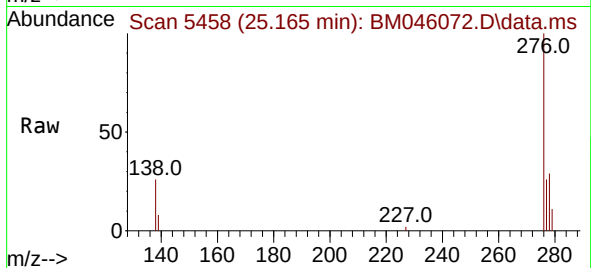
A4BL3

Tgt Ion:	276	Resp:	3115
Ion Ratio	Lower	Upper	
276	100		
138	22.3	21.0	31.4
227	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
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#28

Dibenzo(a,h)anthracene

Concen: 0.182 ng/ul

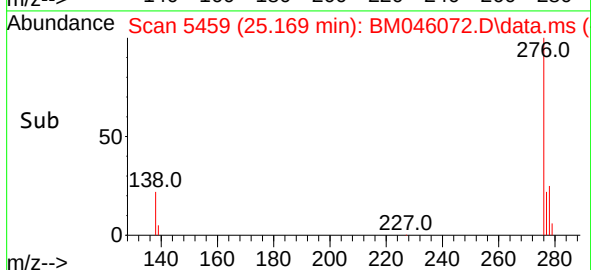
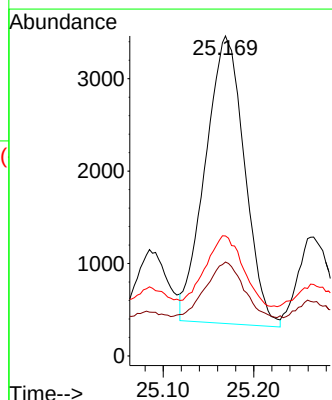
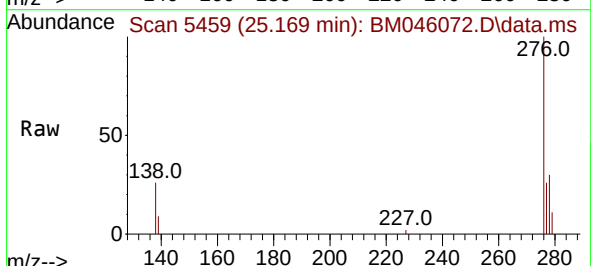
RT: 25.169 min Scan# 5459

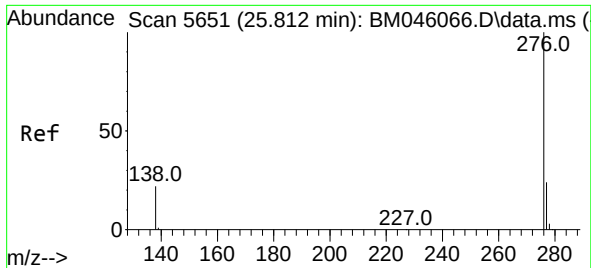
Delta R.T. -0.047 min

Lab File: BM046072.D

Acq: 19 Jun 2024 04:30

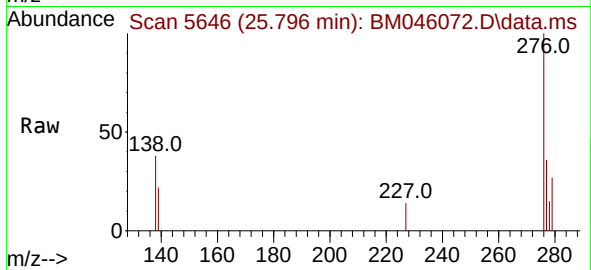
Tgt Ion:	278	Resp:	9341
Ion Ratio	Lower	Upper	
278	100		
139	29.3	17.6	26.4
279	37.5	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.080 ng/ul
RT: 25.796 min Scan# 50
Delta R.T. -0.034 min
Lab File: BM046072.D
Acq: 19 Jun 2024 04:30

Instrument :
BNA_M
ClientSampleId :
A4BL3



Tgt Ion:276 Resp: 473
Ion Ratio Lower Upper
276 100
138 38.0 21.7 32.5
277 36.2 20.4 30.6

Manual Integrations
APPROVED

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

