

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045890.D
 Acq On : 07 Jun 2024 21:07
 Operator : MA/JU
 Sample : P2586-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C29

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:01:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6460	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	21598	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11180	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	22370m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	16192m	0.400	ng/ul	0.00
23) Perylene-d12	23.157	264	17050m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	24738	3.362	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7035	0.226	ng/ul	-0.01
18) Fluoranthene-d10	18.885	212	12244m	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	4479	0.079	ng/ul#	94
7) 2-Methylnaphthalene	11.914	142	2151	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	1585	0.041	ng/ul	98
10) Acenaphthylene	13.830	152	3594	0.071	ng/ul#	91
11) Acenaphthene	14.172	153	5302	0.142	ng/ul	98
12) Fluorene	15.167	166	7366	0.176	ng/ul	98
15) Phenanthrene	16.895	178	108477m	1.727	ng/ul	
16) Anthracene	16.988	178	22945m	0.428	ng/ul	
19) Fluoranthene	18.917	202	195275m	3.024	ng/ul	
20) Pyrene	19.280	202	156898m	2.329	ng/ul	
21) Benzo(a)anthracene	21.029	228	111901m	1.883	ng/ul	
22) Chrysene	21.082	228	121117m	1.872	ng/ul	
24) Benzo(b)fluoranthene	22.534	252	203539m	3.599	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	69283m	1.115	ng/ul	
26) Benzo(a)pyrene	23.063	252	132167m	2.350	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.219	276	117341m	1.614	ng/ul	
28) Dibenzo(a,h)anthracene	25.226	278	32104m	0.552	ng/ul	
29) Benzo(g,h,i)perylene	25.850	276	133363m	2.126	ng/ul	

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

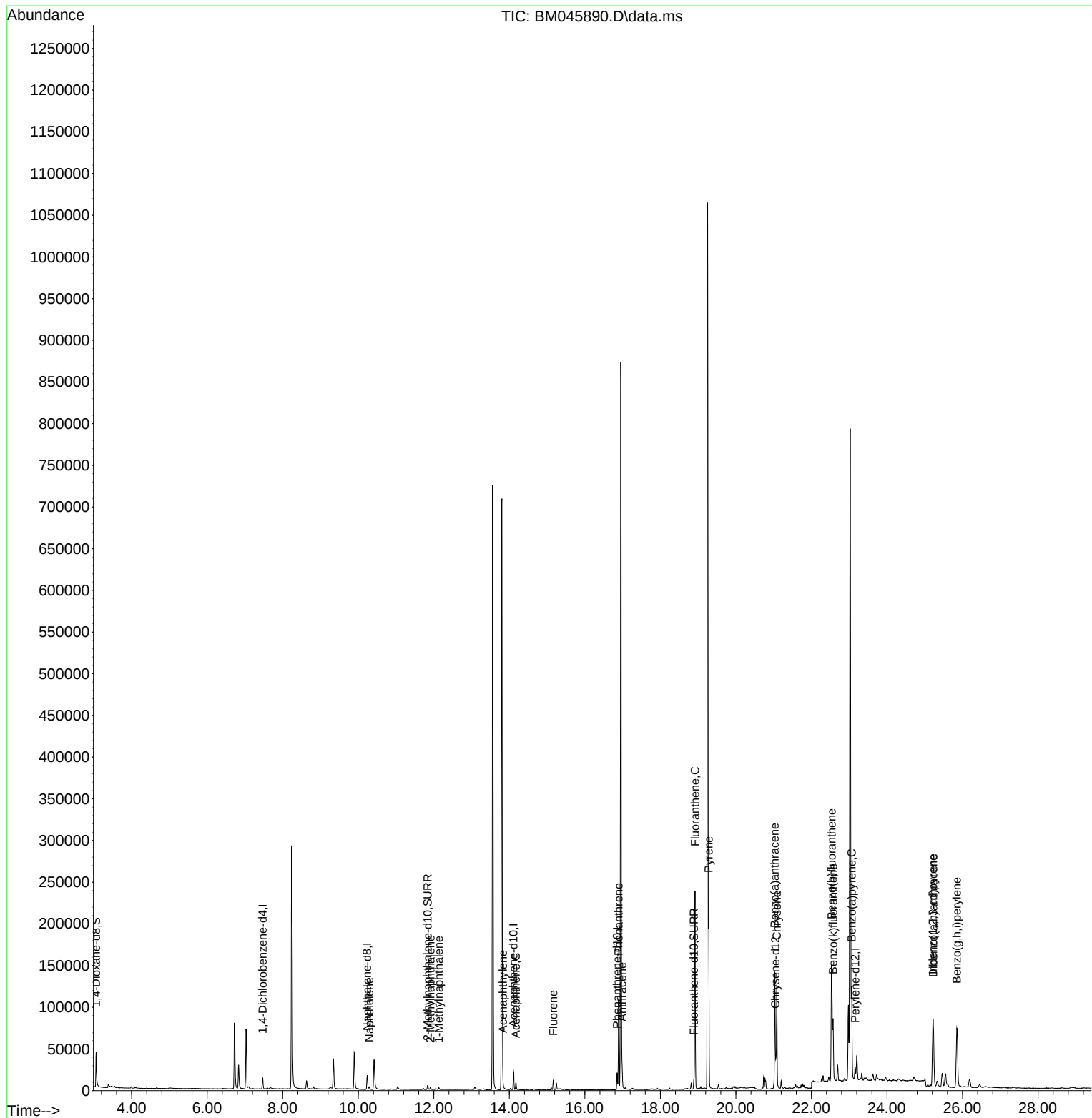
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045890.D
Acq On : 07 Jun 2024 21:07
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

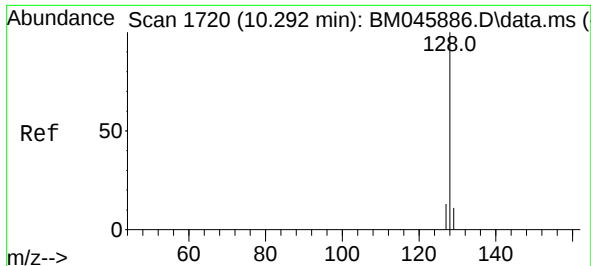
Instrument :
BNA_M
ClientSampleId :
A4C29

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

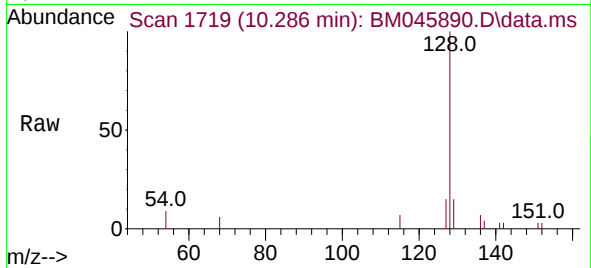
Quant Time: Jun 07 23:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.286 min Scan# 1719
Delta R.T. -0.017 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

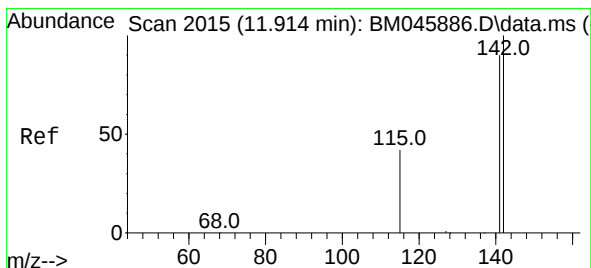
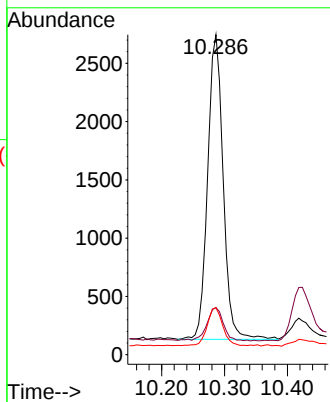
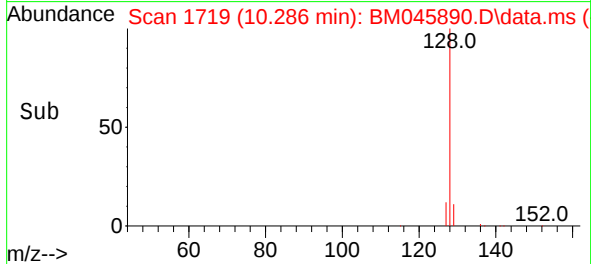
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:128 Resp: 4479
Ion Ratio Lower Upper
128 100
129 14.7 9.4 14.0
127 14.6 10.6 15.8

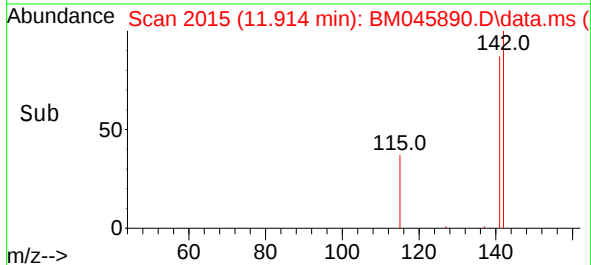
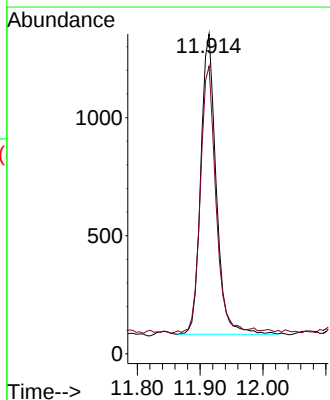
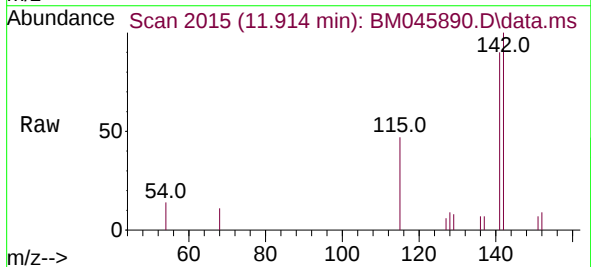
Manual Integrations
APPROVED

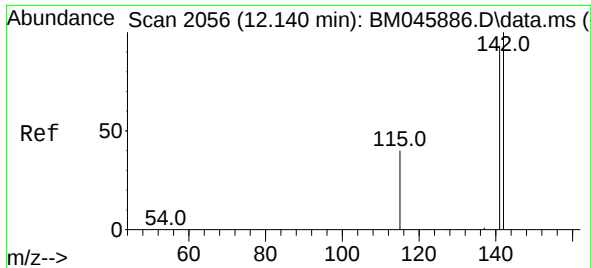
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

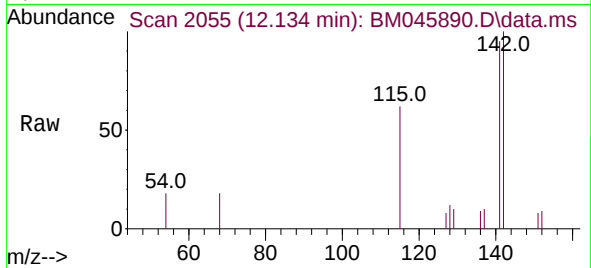
Tgt Ion:142 Resp: 2151
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

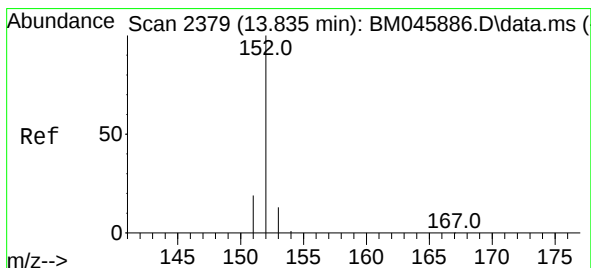
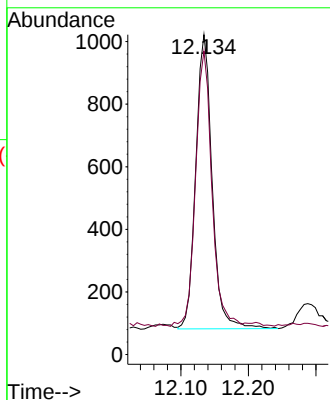
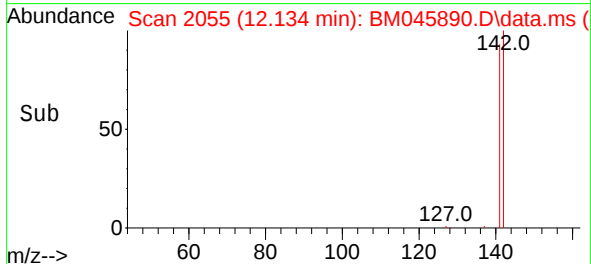
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:142 Resp: 1589
Ion Ratio Lower Upper
142 100
141 93.9 73.5 110.3

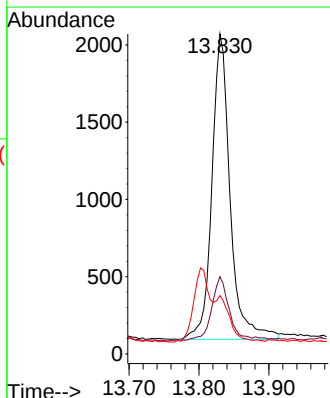
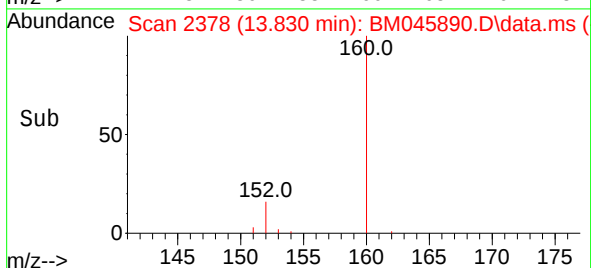
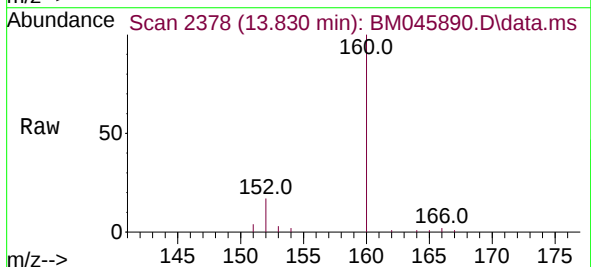
Manual Integrations
APPROVED

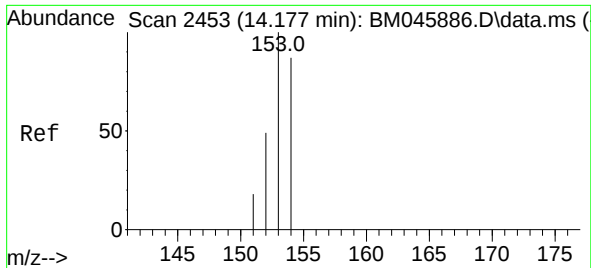
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

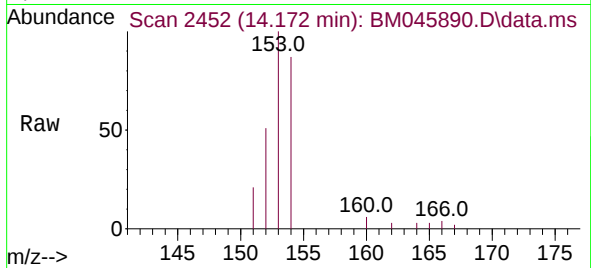
Tgt Ion:152 Resp: 3594
Ion Ratio Lower Upper
152 100
151 24.1 16.4 24.6
153 18.3 11.1 16.7#





#11
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

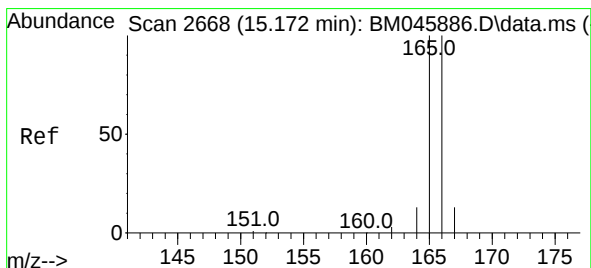
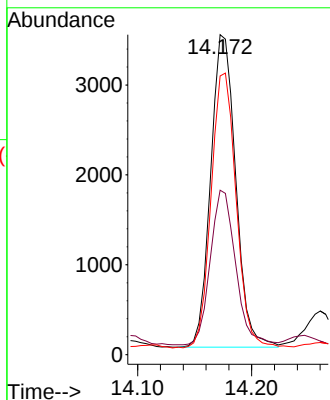
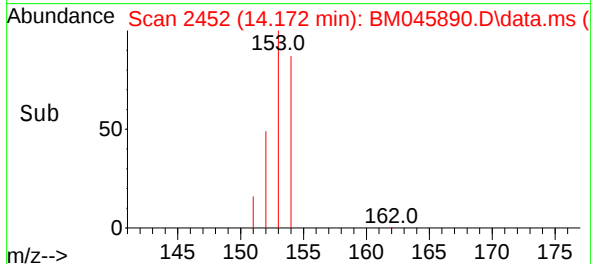
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:153 Resp: 5302
Ion Ratio Lower Upper
153 100
152 51.4 39.0 58.4
154 87.1 69.4 104.2

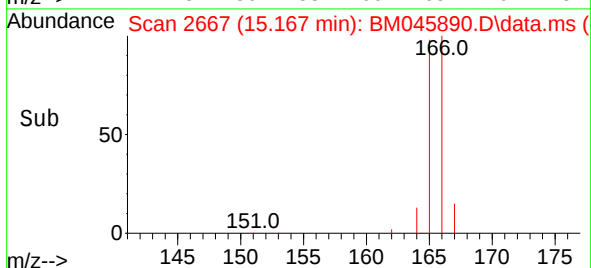
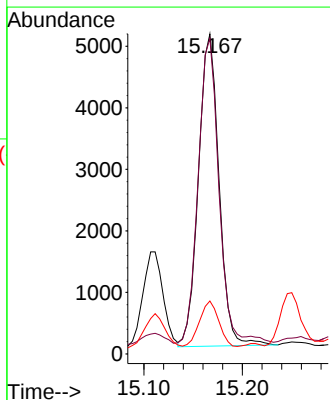
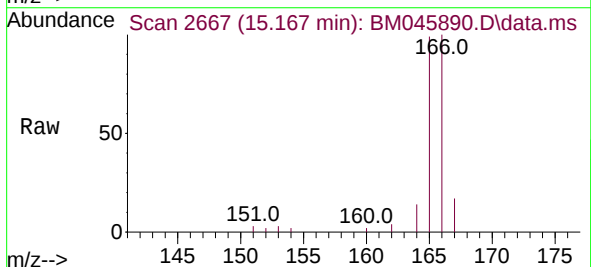
Manual Integrations
APPROVED

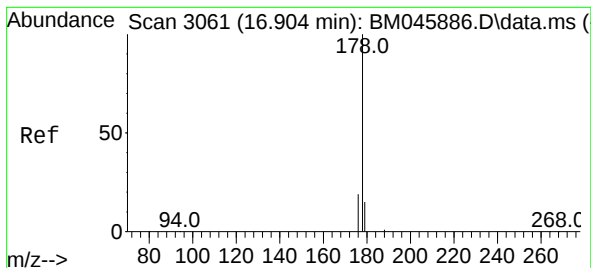
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

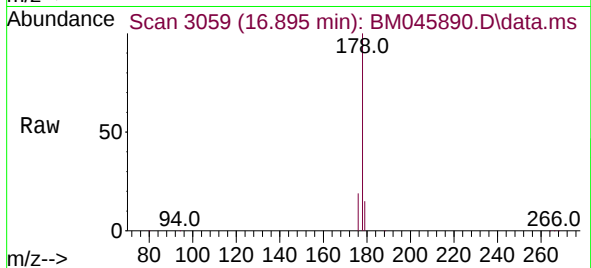
Tgt Ion:166 Resp: 7366
Ion Ratio Lower Upper
166 100
165 98.6 79.7 119.5
167 16.5 11.3 16.9





#15
Phenanthrene
Concen: 1.727 ng/ul m
RT: 16.895 min Scan# 3059
Delta R.T. -0.008 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

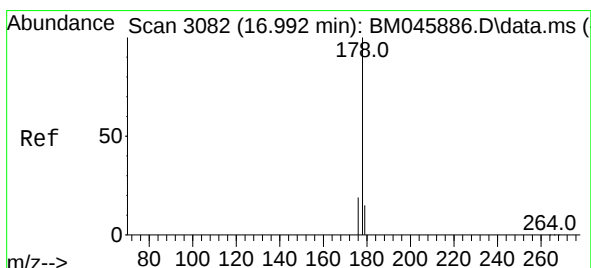
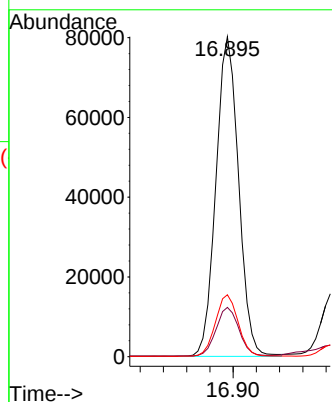
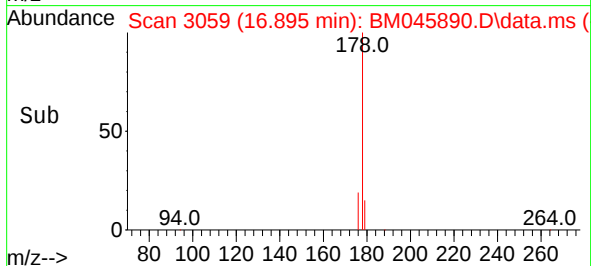
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:178 Resp: 10847
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.6 23.4

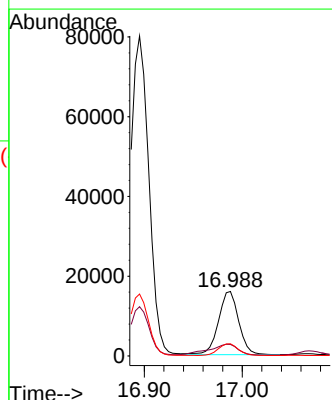
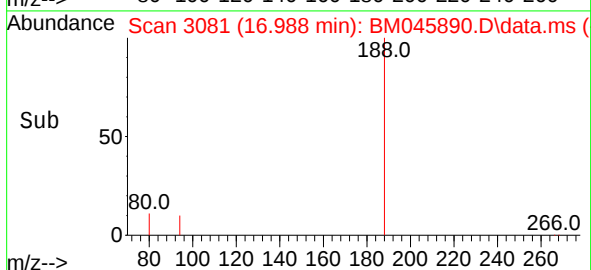
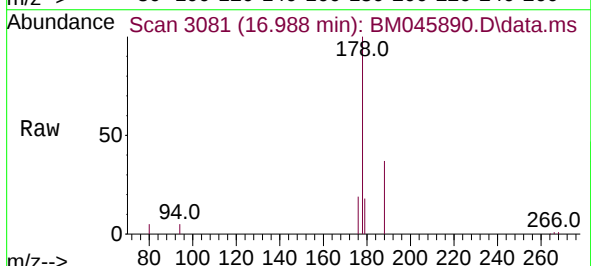
Manual Integrations
APPROVED

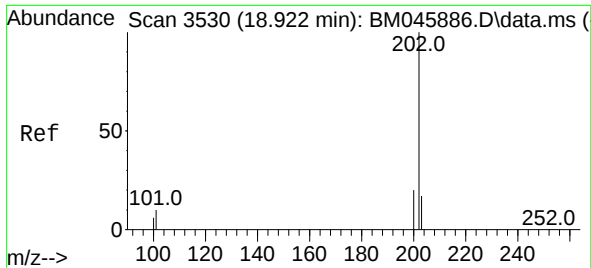
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.428 ng/ul m
RT: 16.988 min Scan# 3081
Delta R.T. -0.008 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

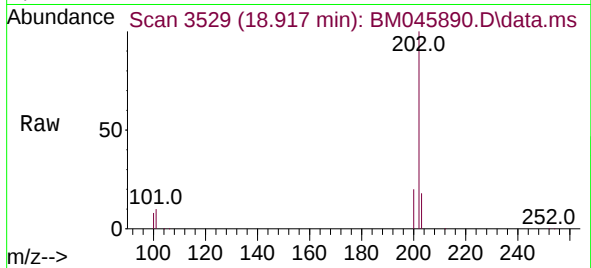
Tgt Ion:178 Resp: 22945
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 18.7 15.5 23.3





#19
Fluoranthene
Concen: 3.024 ng/ul m
RT: 18.917 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

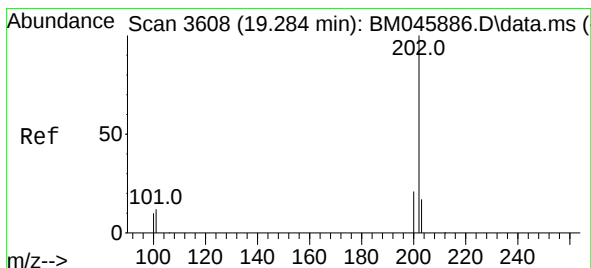
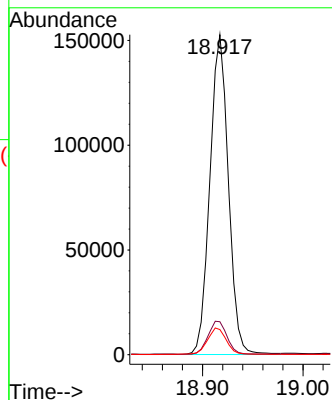
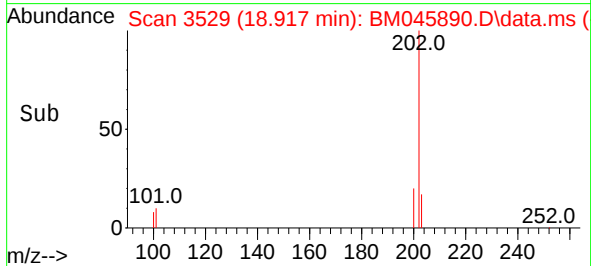
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:202 Resp: 195274
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.6
100 7.8 7.0 10.6

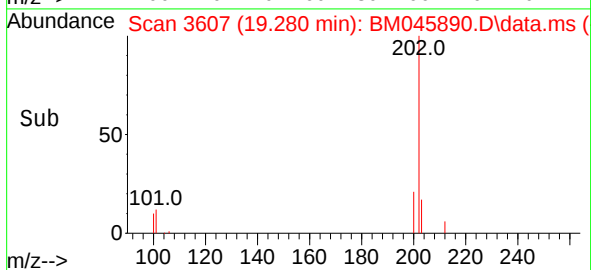
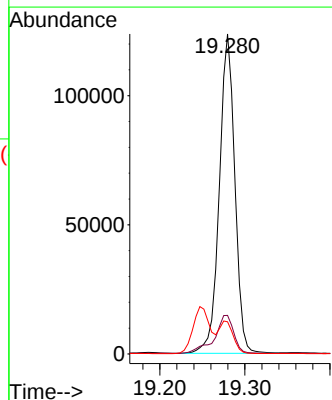
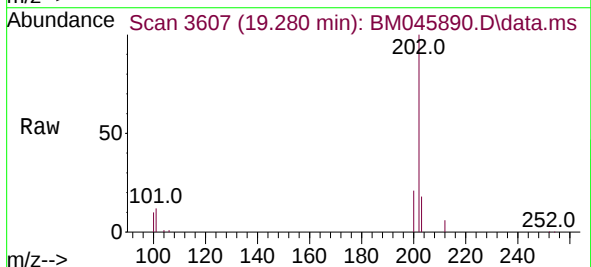
Manual Integrations
APPROVED

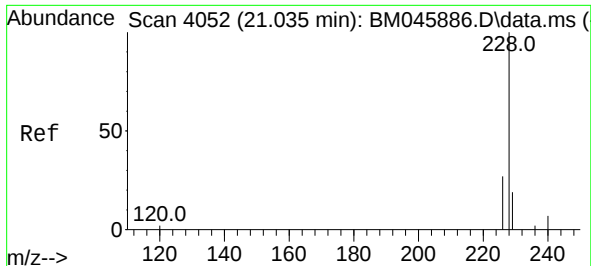
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 2.329 ng/ul m
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

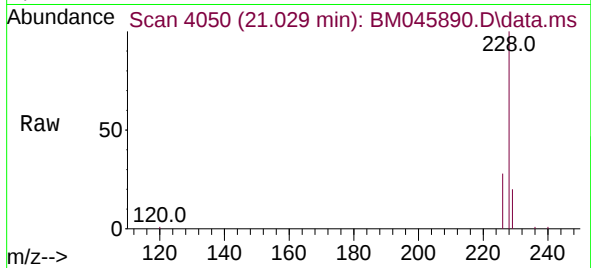
Tgt Ion:202 Resp: 156898
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.883 ng/ul m
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

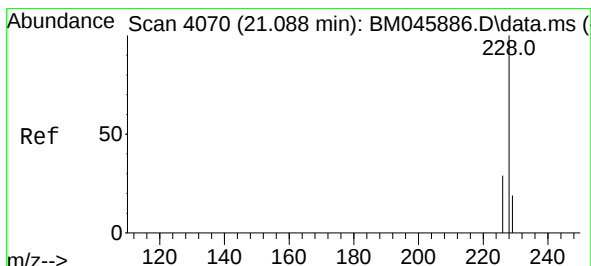
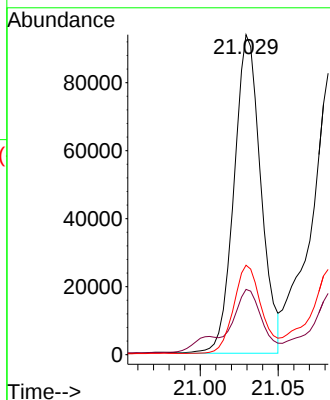
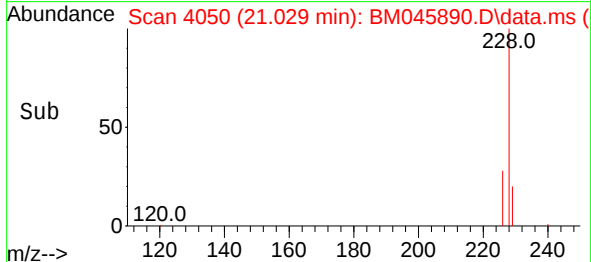
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:228 Resp: 11190
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.9 22.0 33.0

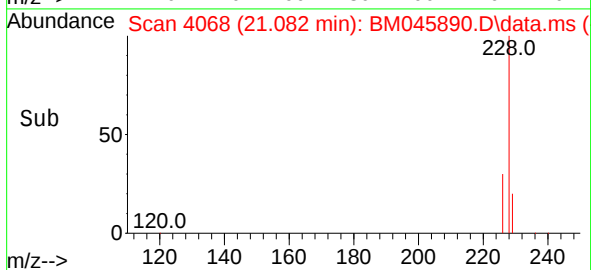
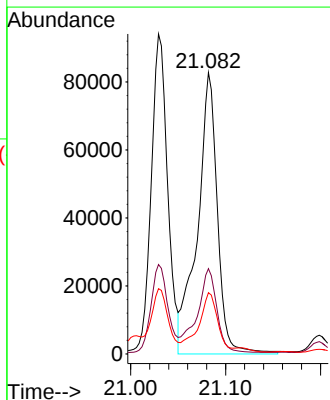
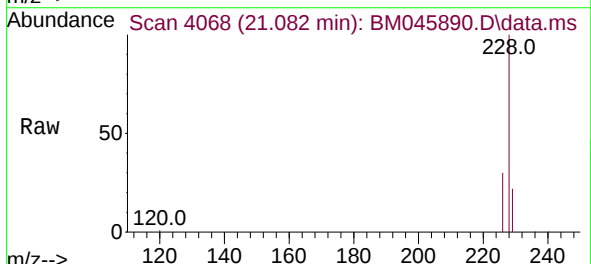
Manual Integrations
APPROVED

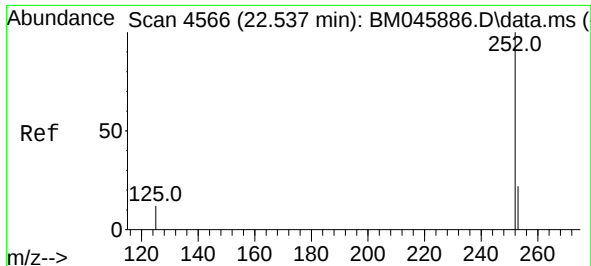
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.872 ng/ul m
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

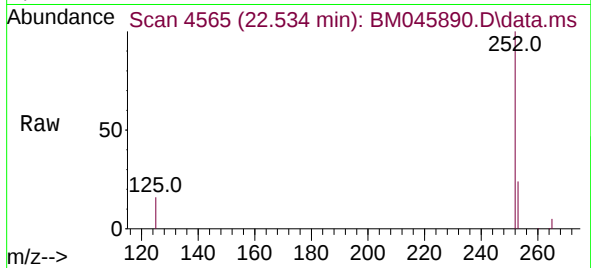
Tgt Ion:228 Resp: 121117
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.599 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

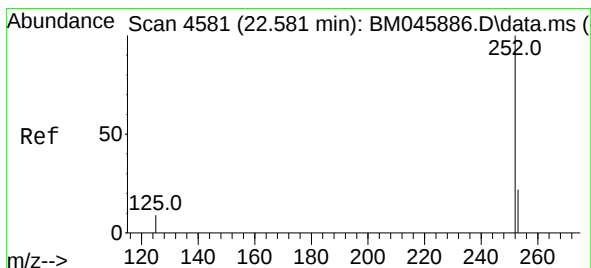
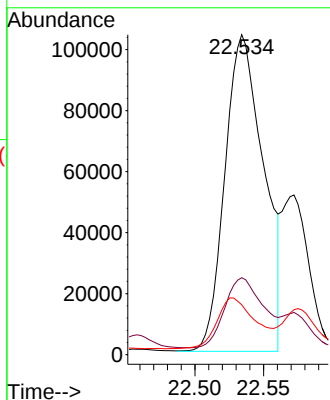
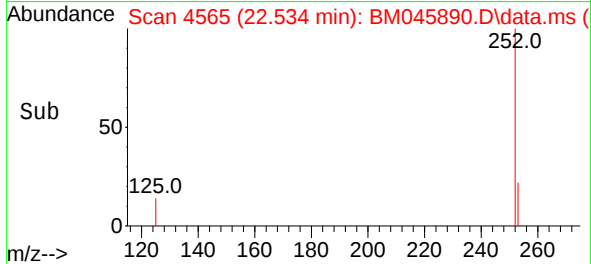
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:252 Resp: 203539
Ion Ratio Lower Upper
252 100
253 24.1 0.0 63.6
125 15.6 0.0 35.8

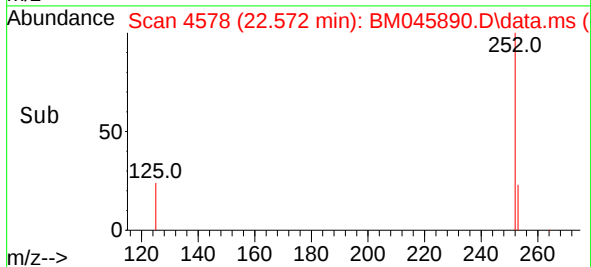
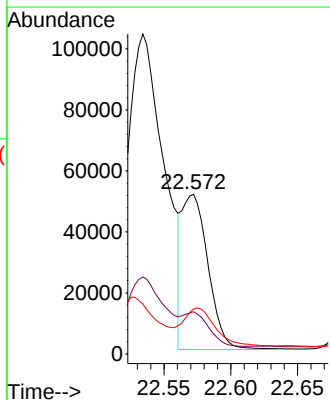
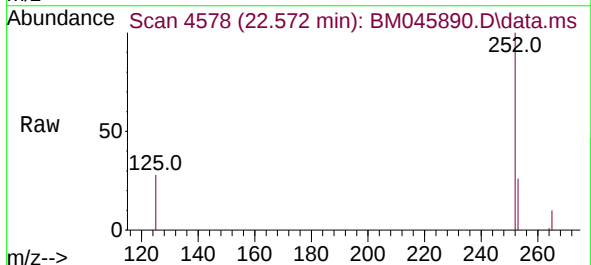
Manual Integrations
APPROVED

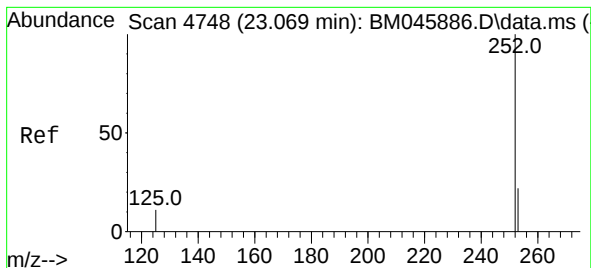
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 1.115 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:252 Resp: 69283
Ion Ratio Lower Upper
252 100
253 26.5 25.0 37.6
125 28.1 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 2.350 ng/ul m

RT: 23.063 min Scan# 4

Delta R.T. -0.009 min

Lab File: BM045890.D

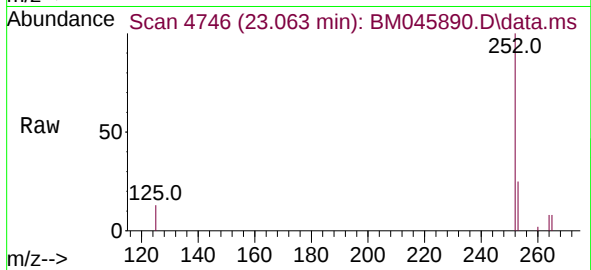
Acq: 07 Jun 2024 21:07

Instrument :

BNA_M

ClientSampleId :

A4C29



Tgt Ion:252 Resp: 13216

Ion Ratio Lower Upper

252 100

253 24.8 28.8 43.2

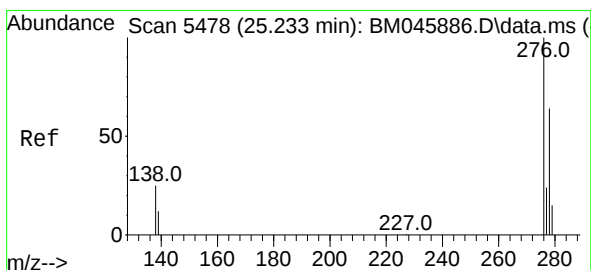
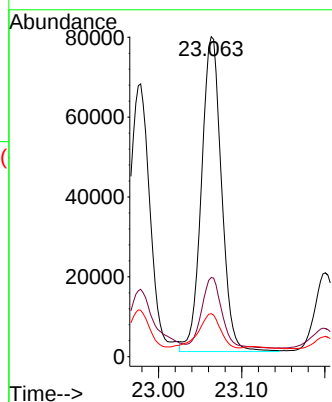
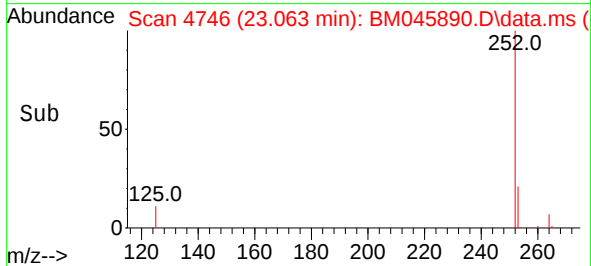
125 13.5 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.614 ng/ul m

RT: 25.219 min Scan# 5474

Delta R.T. -0.013 min

Lab File: BM045890.D

Acq: 07 Jun 2024 21:07

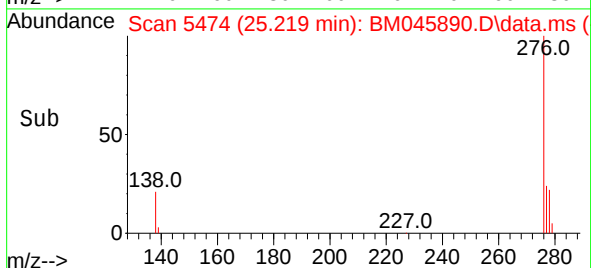
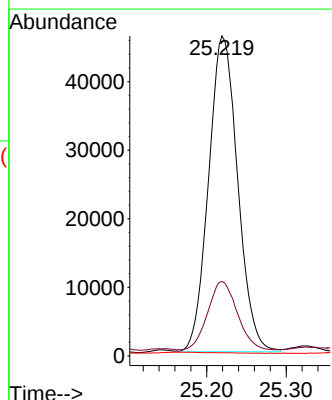
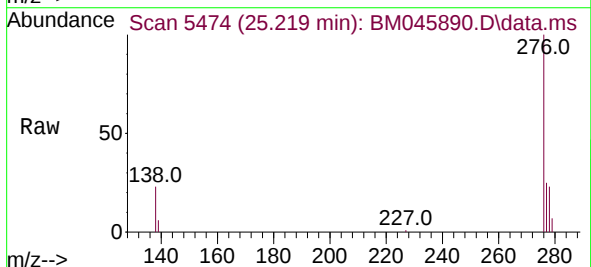
Tgt Ion:276 Resp: 117341

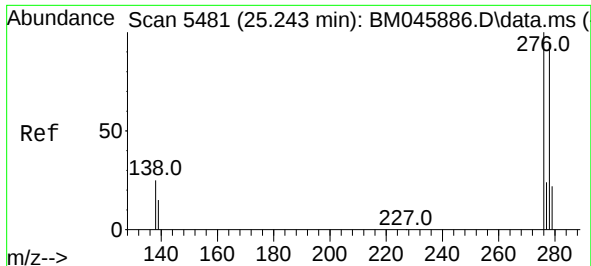
Ion Ratio Lower Upper

276 100

138 3.8 20.7 31.1#

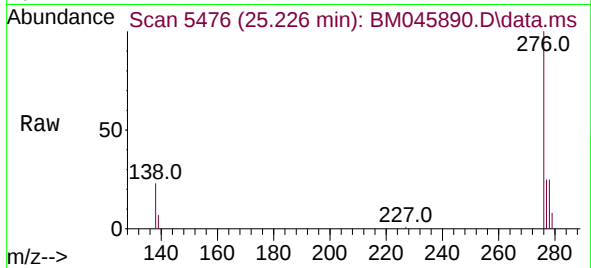
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.552 ng/ul m
RT: 25.226 min Scan# 5481
Delta R.T. -0.023 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

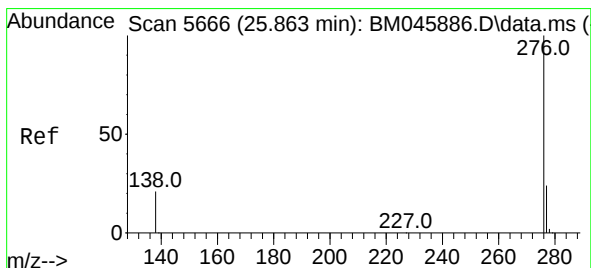
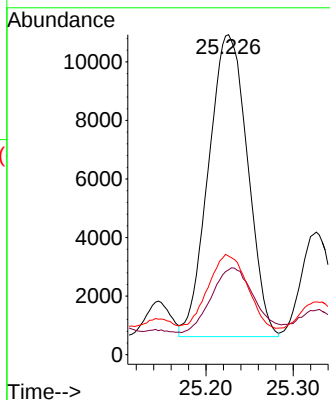
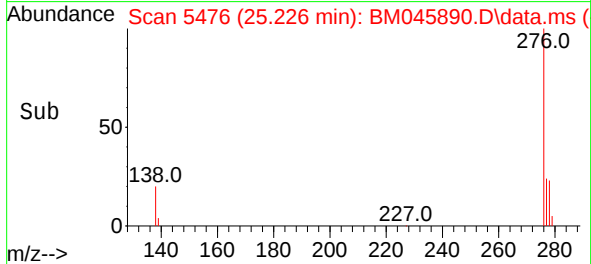
Instrument :
BNA_M
ClientSampleId :
A4C29



Tgt Ion:278 Resp: 32104
Ion Ratio Lower Upper
278 100
139 26.5 16.6 25.0
279 30.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 2.126 ng/ul m
RT: 25.850 min Scan# 5662
Delta R.T. -0.013 min
Lab File: BM045890.D
Acq: 07 Jun 2024 21:07

Tgt Ion:276 Resp: 133363
Ion Ratio Lower Upper
276 100
138 23.1 21.0 31.4
277 23.8 20.5 30.7

