

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045907.D
 Acq On : 08 Jun 2024 09:33
 Operator : MA/JU
 Sample : P2640-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:27:07 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	6231	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	21148	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.107	164	10843	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.853	188	22137m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	15632m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264	17386m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	25290	3.564	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	6605	0.217	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	13225	0.283	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.281	128	9217	0.167	ng/ul	98
7) 2-Methylnaphthalene	11.914	142	3609	0.102	ng/ul	97
8) 1-Methylnaphthalene	12.139	142	2872	0.075	ng/ul	99
10) Acenaphthylene	13.825	152	10528	0.214	ng/ul	99
11) Acenaphthene	14.172	153	12030	0.332	ng/ul	99
12) Fluorene	15.162	166	11833	0.292	ng/ul	98
15) Phenanthrene	16.891	178	281476m	4.529	ng/ul	
16) Anthracene	16.984	178	38864m	0.733	ng/ul	
19) Fluoranthene	18.912	202	528237	8.474	ng/ul	98
20) Pyrene	19.275	202	365067	5.614	ng/ul	98
21) Benzo(a)anthracene	21.026	228	216619m	3.775	ng/ul	
22) Chrysene	21.079	228	240499	3.850	ng/ul	99
24) Benzo(b)fluoranthene	22.531	252	316086m	5.481	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	116823m	1.844	ng/ul	
26) Benzo(a)pyrene	23.060	252	121132	2.112	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.216	276	113673	1.533	ng/ul	94
28) Dibenzo(a,h)anthracene	25.219	278	36050	0.608	ng/ul	99
29) Benzo(g,h,i)perylene	25.846	276	17948	0.281	ng/ul	92

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

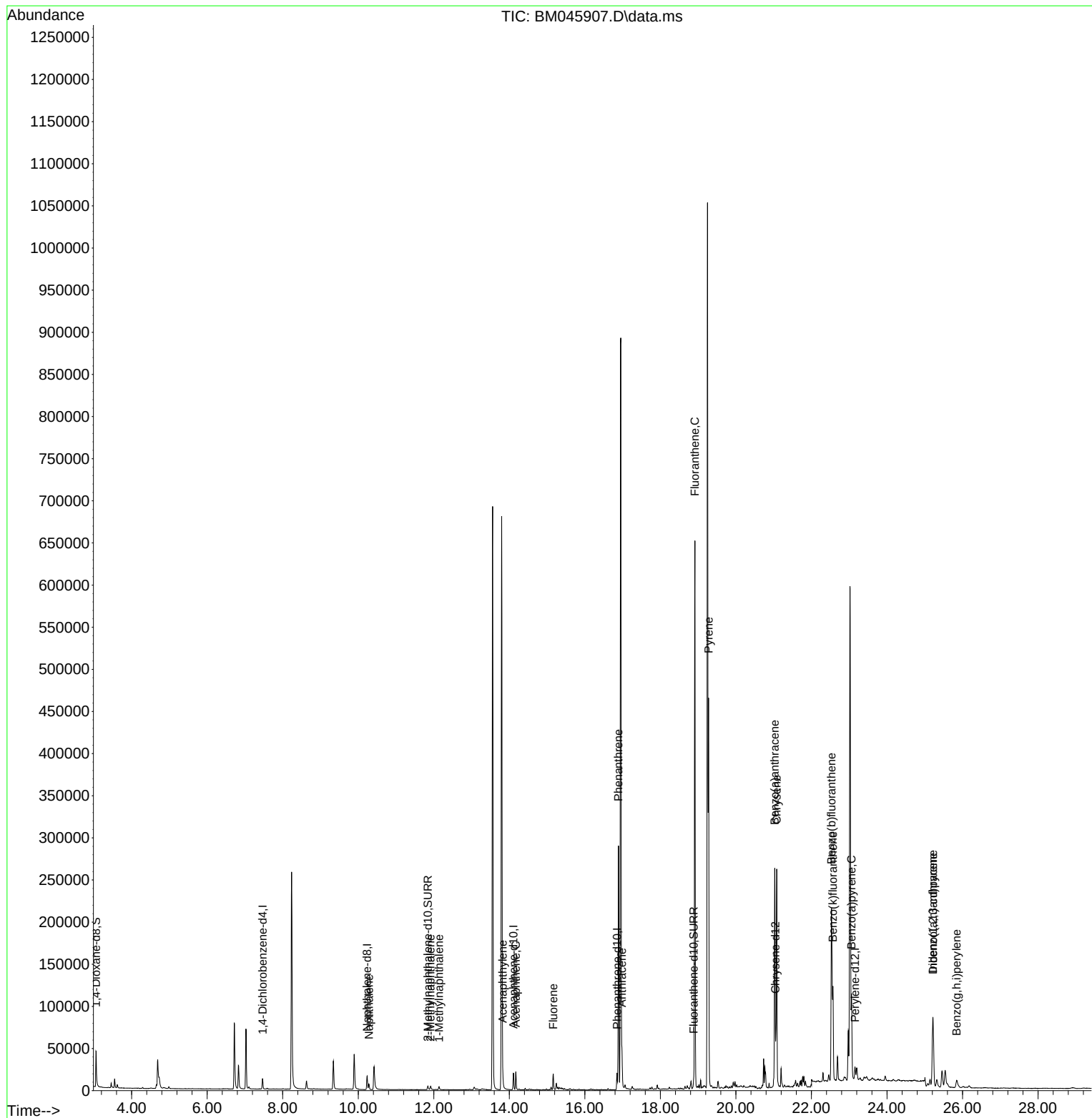
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045907.D
Acq On : 08 Jun 2024 09:33
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Misc :
ALS Vial : 35 Sample Multiplier: 1

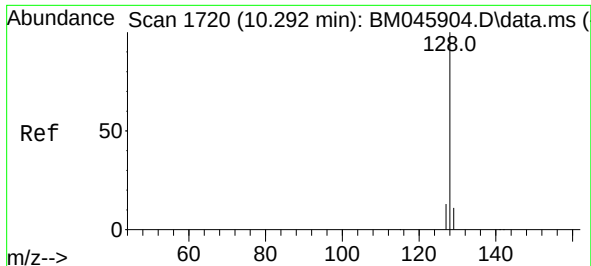
Instrument :
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ClientSampleId :
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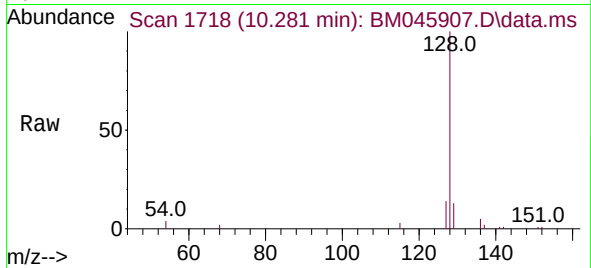
Quant Time: Jun 10 01:27:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.167 ng/ul
RT: 10.281 min Scan# 1718
Delta R.T. -0.022 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

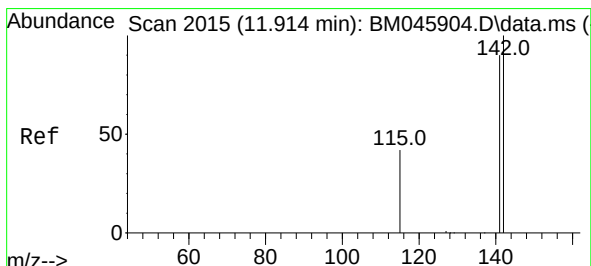
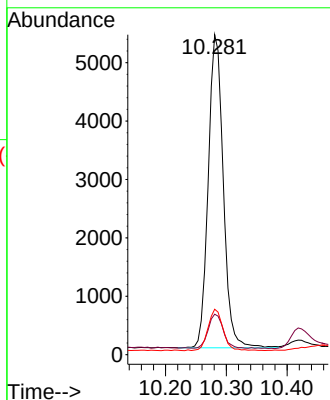
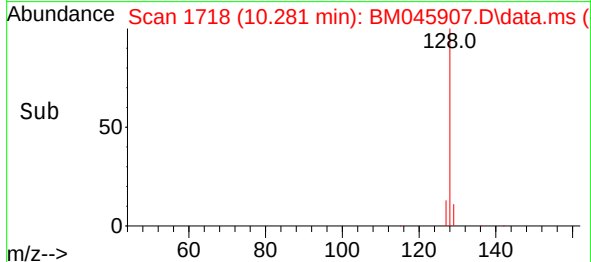
Instrument :
BNA_M
ClientSampleId :
A4BG7



Tgt Ion:128 Resp: 921
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 14.2 10.6 15.8

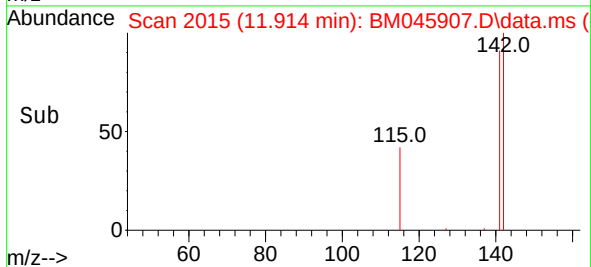
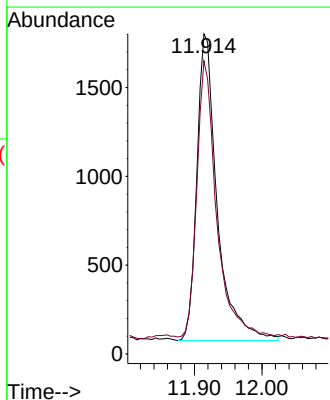
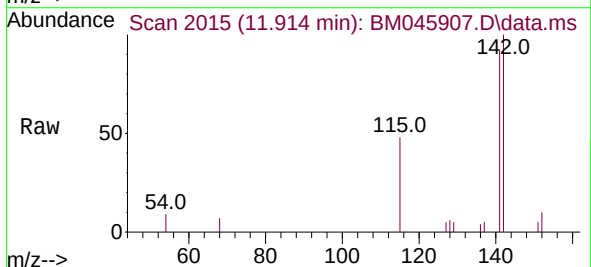
Manual Integrations
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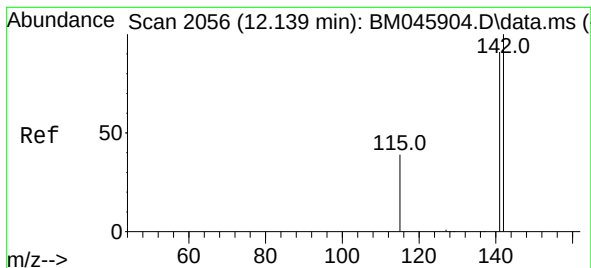
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:142 Resp: 3609
Ion Ratio Lower Upper
142 100
141 87.7 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.075 ng/ul

RT: 12.139 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM045907.D

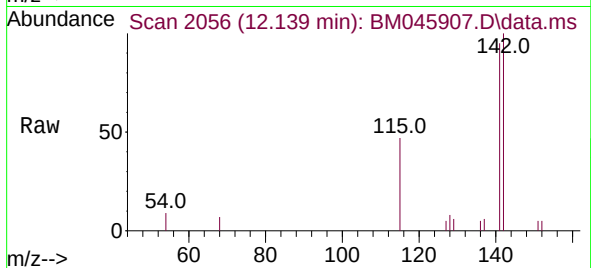
Acq: 08 Jun 2024 09:33

Instrument :

BNA_M

ClientSampleId :

A4BG7



Tgt Ion:142 Resp: 2872

Ion Ratio Lower Upper

142 100

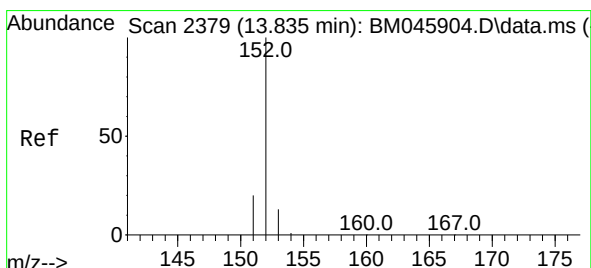
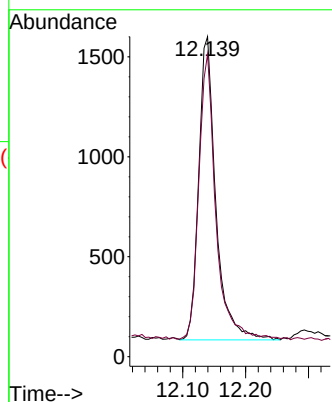
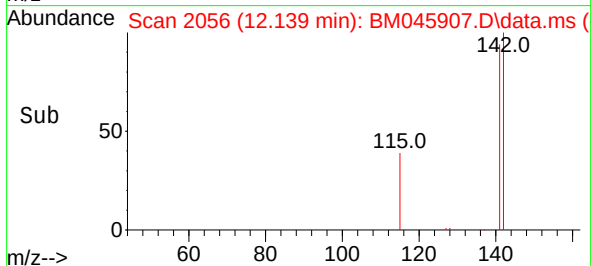
141 92.4 73.5 110.3

Manual Integrations

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#10

Acenaphthylene

Concen: 0.214 ng/ul

RT: 13.825 min Scan# 2377

Delta R.T. -0.014 min

Lab File: BM045907.D

Acq: 08 Jun 2024 09:33

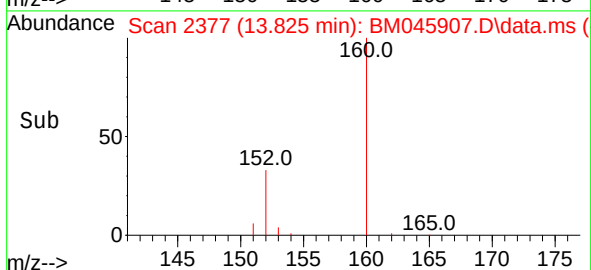
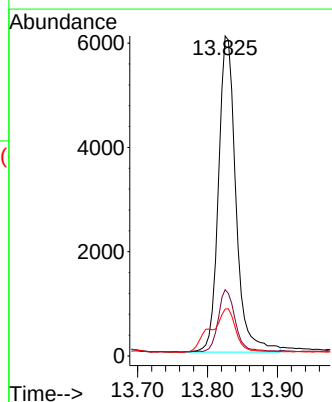
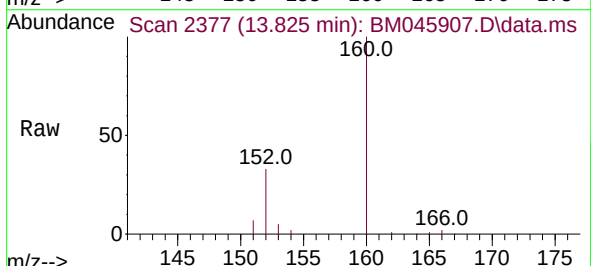
Tgt Ion:152 Resp: 10528

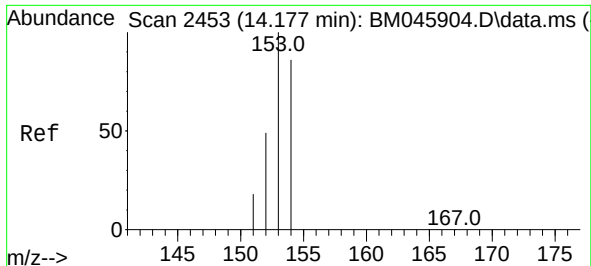
Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

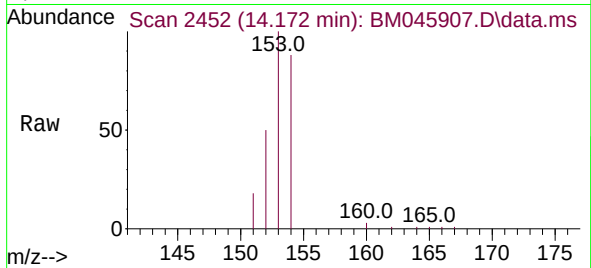
153 14.6 11.1 16.7





#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.172 min Scan# 2453
Delta R.T. -0.009 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

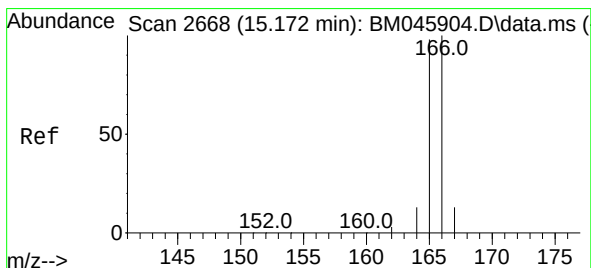
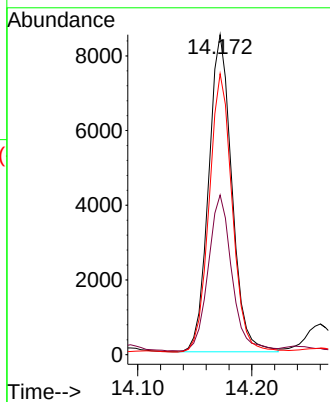
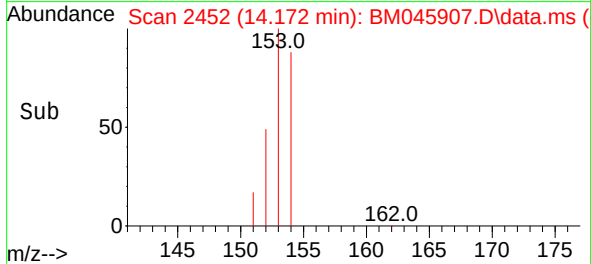
Instrument :
BNA_M
ClientSampleId :
A4BG7



Tgt Ion:153 Resp: 12030
Ion Ratio Lower Upper
153 100
152 49.9 39.0 58.4
154 87.8 69.4 104.2

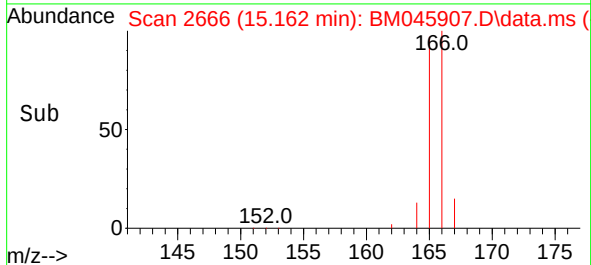
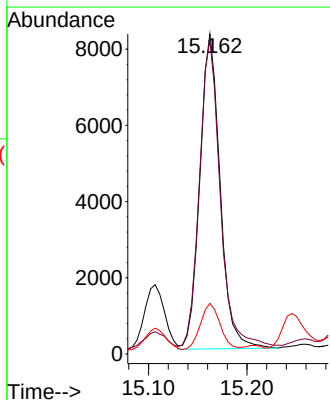
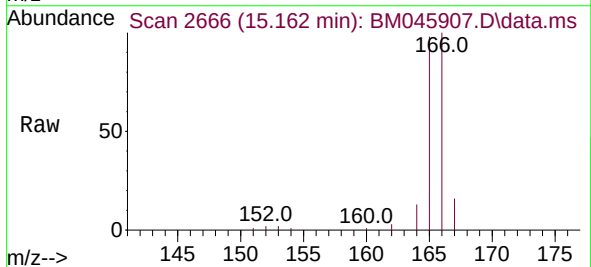
Manual Integrations
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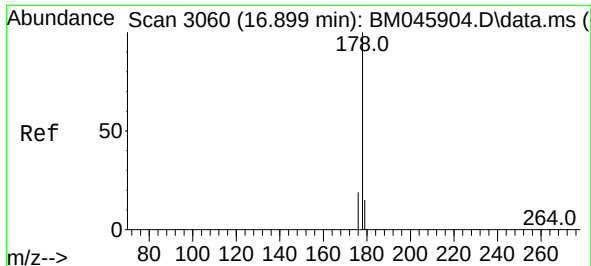
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.292 ng/ul
RT: 15.162 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

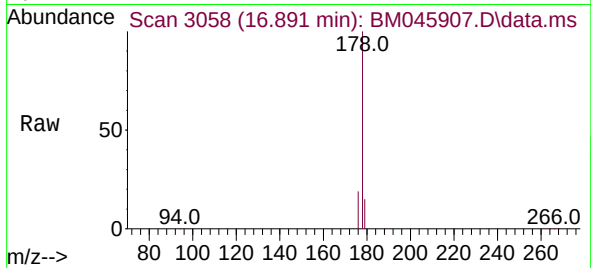
Tgt Ion:166 Resp: 11833
Ion Ratio Lower Upper
166 100
165 97.9 79.7 119.5
167 15.8 11.3 16.9





#15
Phenanthrene
Concen: 4.529 ng/ul m
RT: 16.891 min Scan# 3058
Delta R.T. -0.013 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

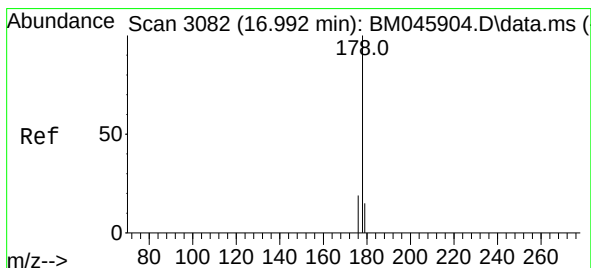
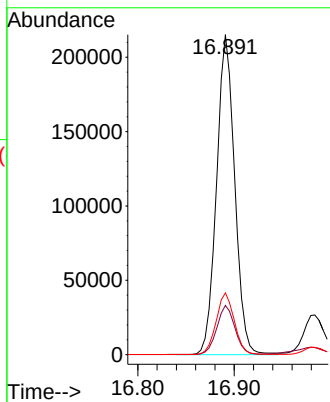
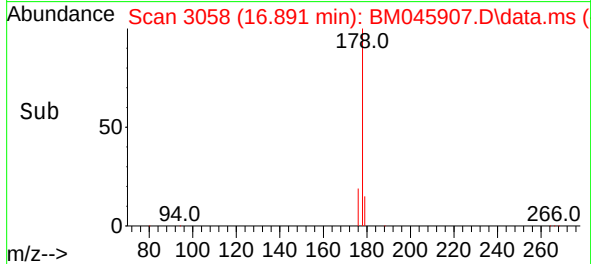
Instrument :
BNA_M
ClientSampleId :
A4BG7



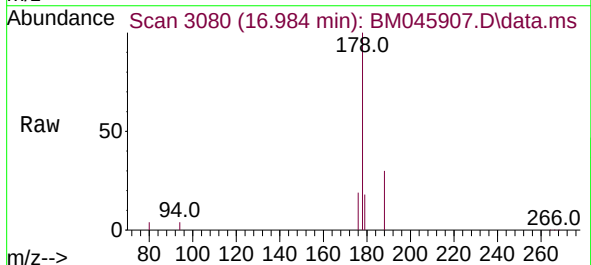
Tgt Ion:178 Resp: 281470
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.6 23.4

Manual Integrations
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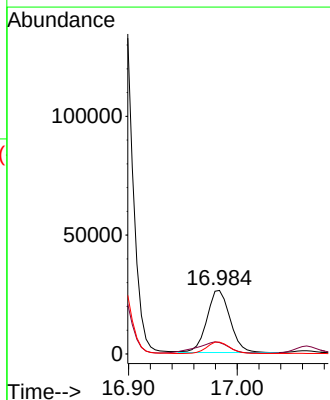
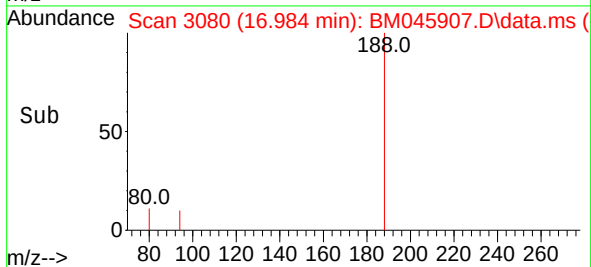
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

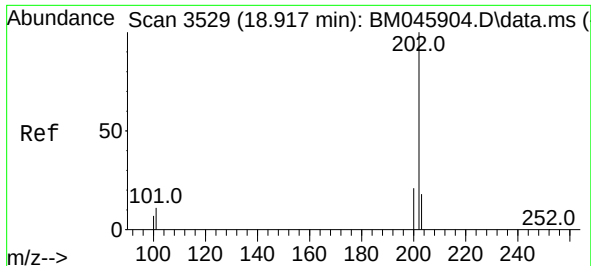


#16
Anthracene
Concen: 0.733 ng/ul m
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33



Tgt Ion:178 Resp: 38864
Ion Ratio Lower Upper
178 100
179 17.9 13.1 19.7
176 18.6 15.5 23.3





#19

Fluoranthene

Concen: 8.474 ng/ul

RT: 18.912 min Scan# 3529

Delta R.T. -0.009 min

Lab File: BM045907.D

Acq: 08 Jun 2024 09:33

Instrument :

BNA_M

ClientSampleId :

A4BG7

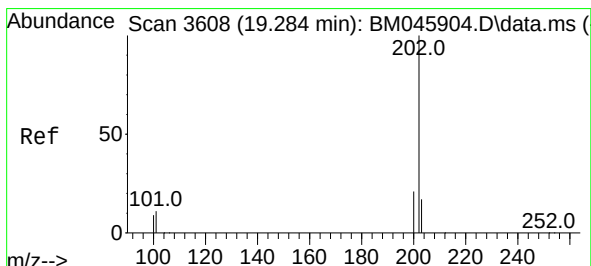
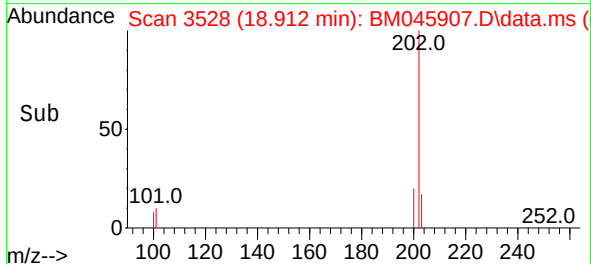
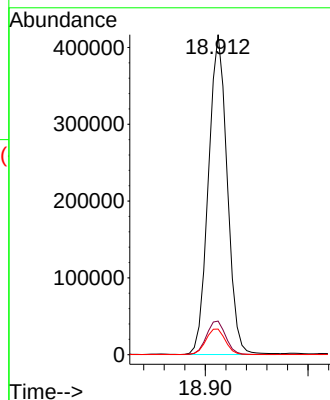
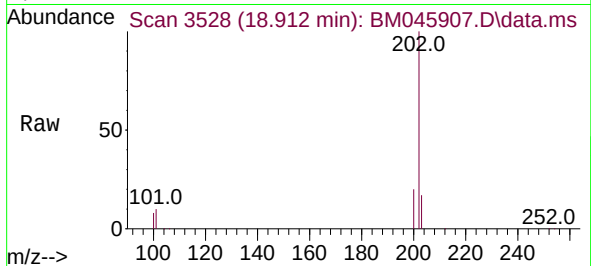
Tgt Ion:202	Resp: 52823
Ion Ratio	Lower Upper
202 100	
101 10.5	9.0 13.6
100 8.0	7.0 10.6

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#20

Pyrene

Concen: 5.614 ng/ul

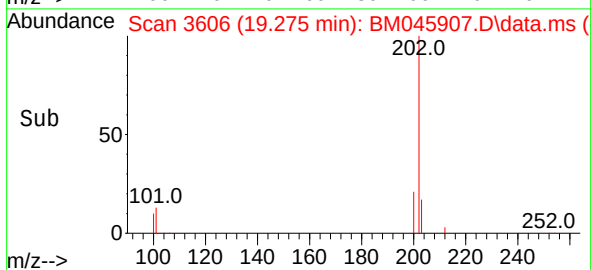
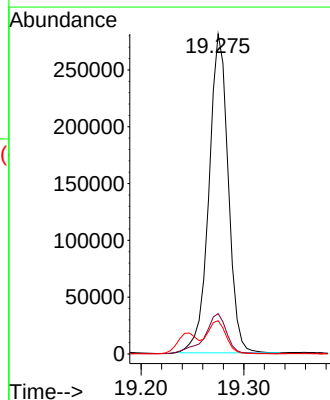
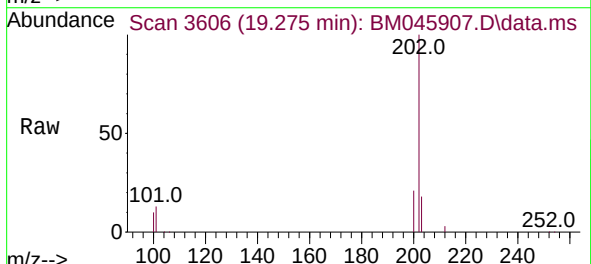
RT: 19.275 min Scan# 3606

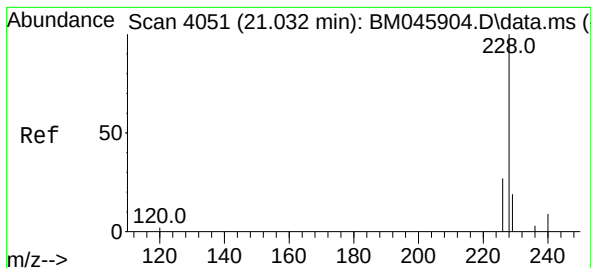
Delta R.T. -0.009 min

Lab File: BM045907.D

Acq: 08 Jun 2024 09:33

Tgt Ion:202	Resp: 365067
Ion Ratio	Lower Upper
202 100	
101 12.6	10.6 16.0
100 10.4	9.1 13.7





#21

Benzo(a)anthracene

Concen: 3.775 ng/ul m

RT: 21.026 min Scan# 4051

Delta R.T. -0.009 min

Lab File: BM045907.D

Acq: 08 Jun 2024 09:33

Instrument :

BNA_M

ClientSampleId :

A4BG7

Tgt Ion:228 Resp: 216619

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

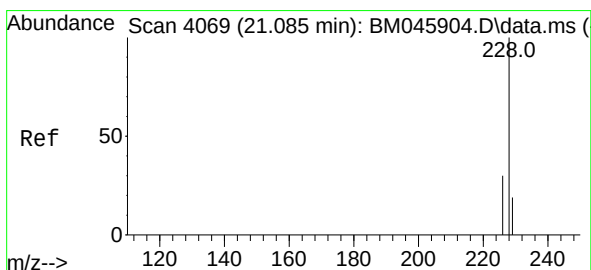
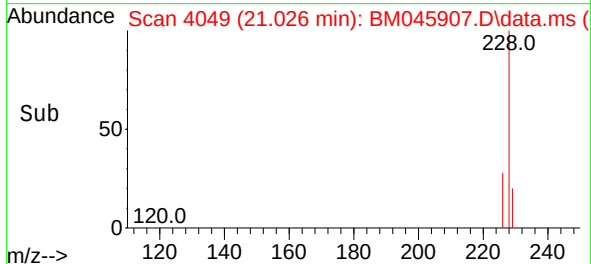
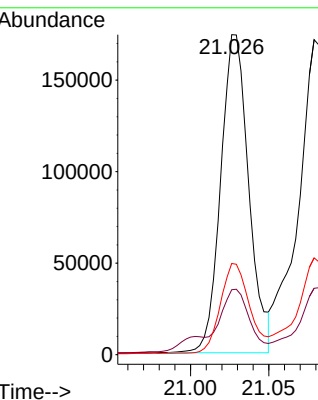
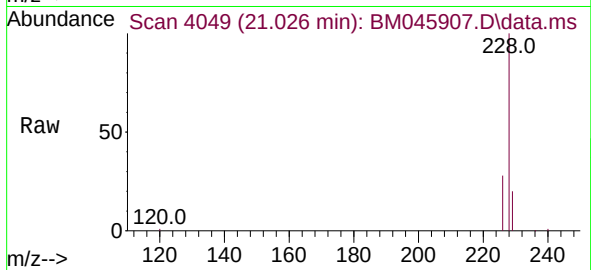
226 28.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#22

Chrysene

Concen: 3.850 ng/ul

RT: 21.079 min Scan# 4067

Delta R.T. -0.009 min

Lab File: BM045907.D

Acq: 08 Jun 2024 09:33

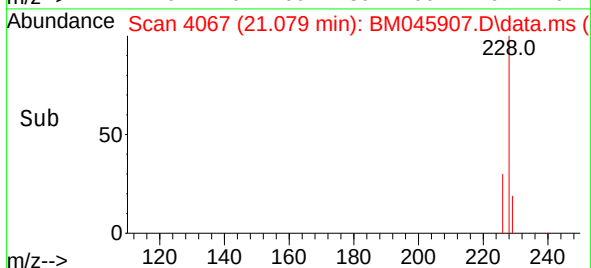
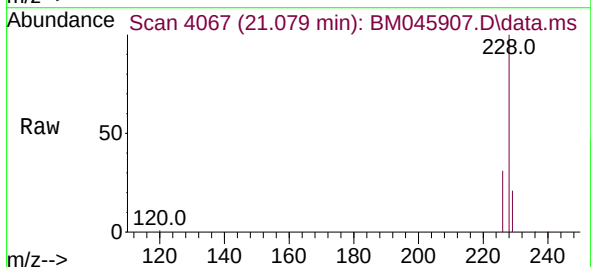
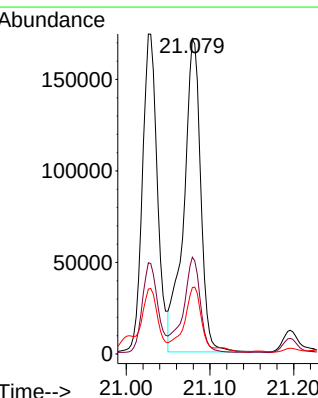
Tgt Ion:228 Resp: 240499

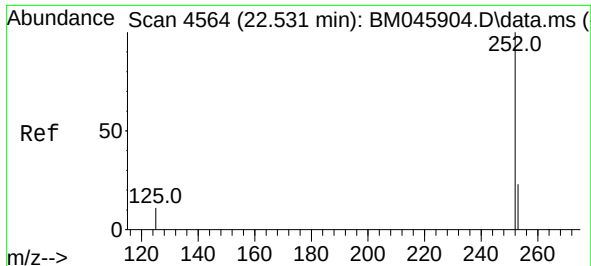
Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

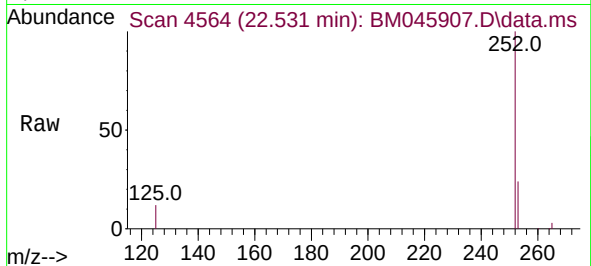
229 21.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 5.481 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

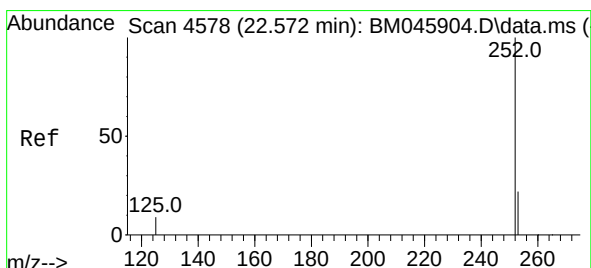
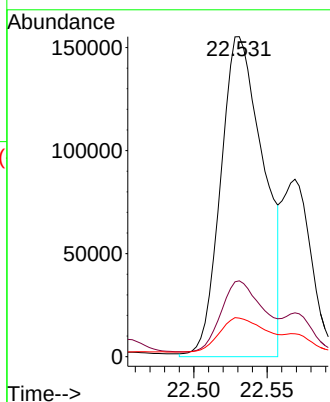
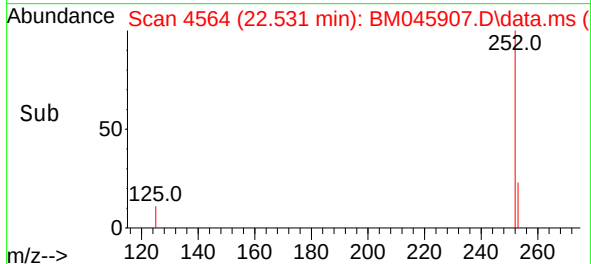
Instrument :
BNA_M
ClientSampleId :
A4BG7



Tgt Ion:252 Resp: 316080
Ion Ratio Lower Upper
252 100
253 23.7 0.0 63.6
125 12.0 0.0 35.8

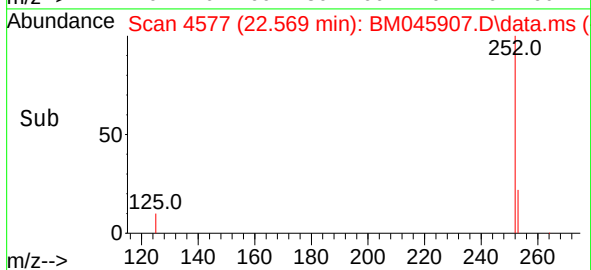
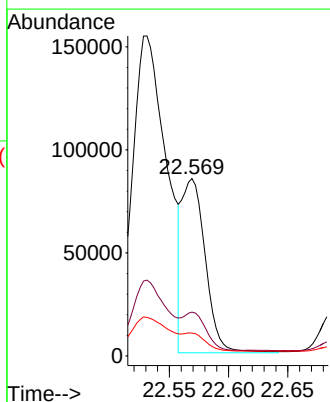
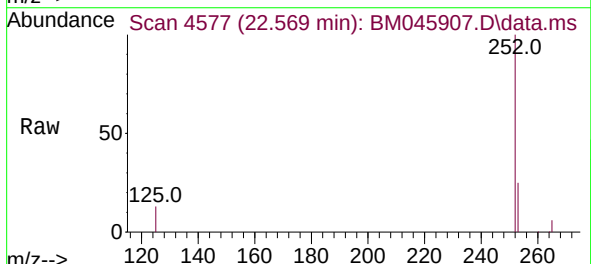
Manual Integrations
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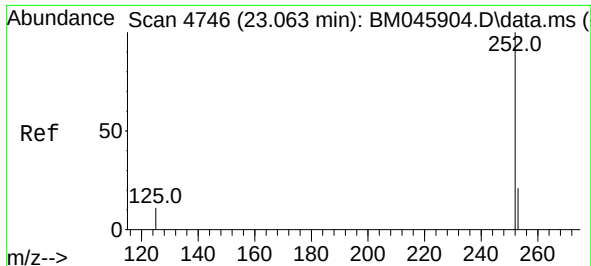
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 1.844 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.012 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

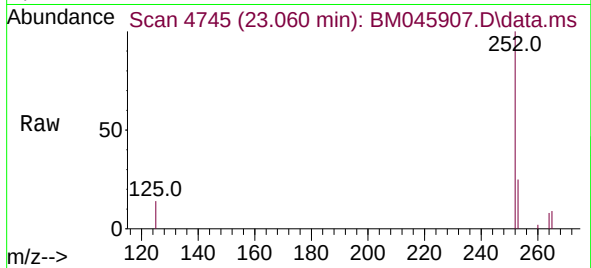
Tgt Ion:252 Resp: 116823
Ion Ratio Lower Upper
252 100
253 24.7 25.0 37.6#
125 12.9 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 2.112 ng/ul
RT: 23.060 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

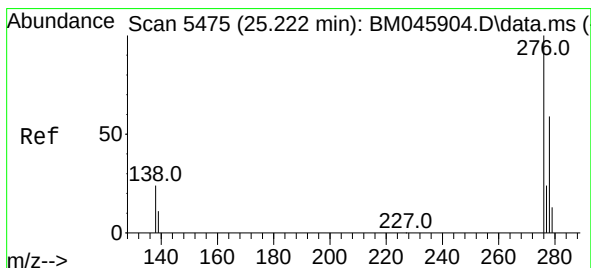
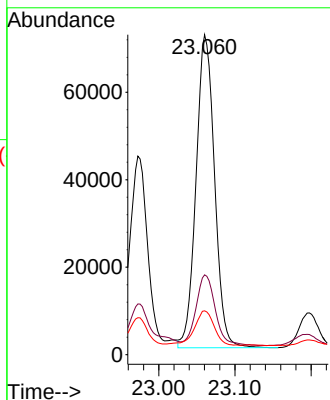
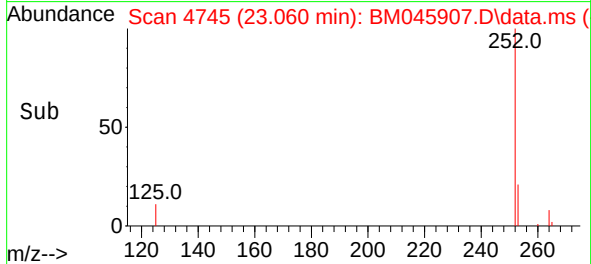
Instrument :
BNA_M
ClientSampleId :
A4BG7



Tgt Ion:252 Resp: 12113
Ion Ratio Lower Upper
252 100
253 25.0 28.8 43.2
125 13.7 17.3 25.9

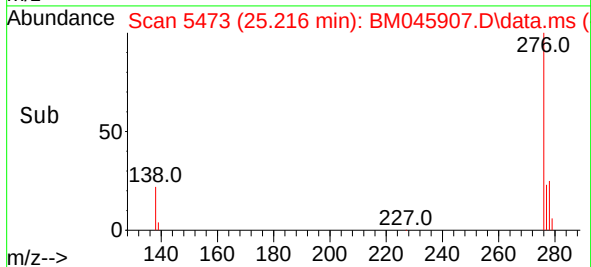
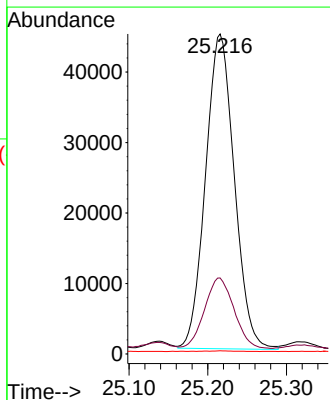
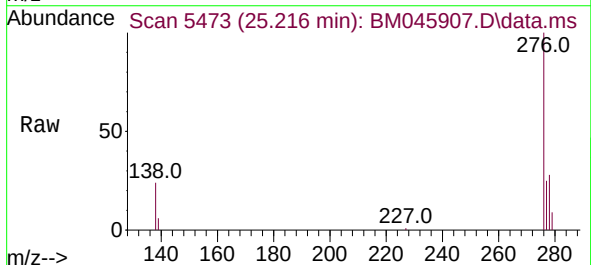
Manual Integrations
APPROVED

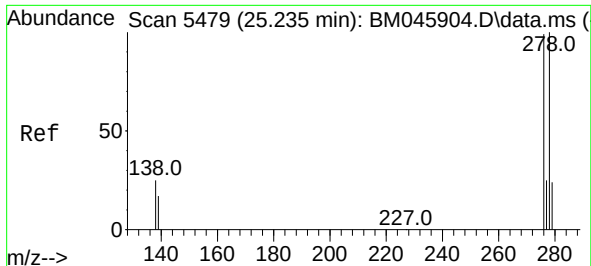
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.533 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

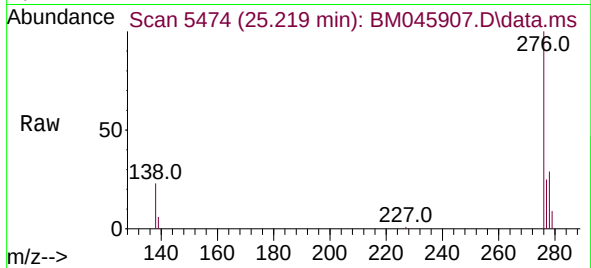
Tgt Ion:276 Resp: 113673
Ion Ratio Lower Upper
276 100
138 22.8 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.608 ng/ul
RT: 25.219 min Scan# 5479
Delta R.T. -0.030 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

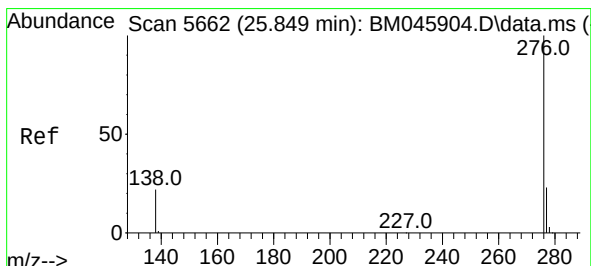
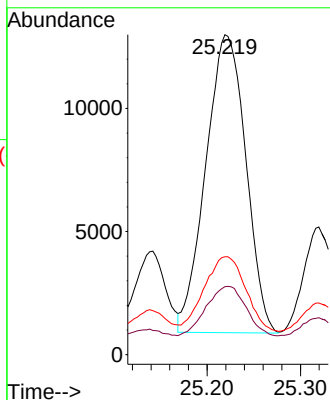
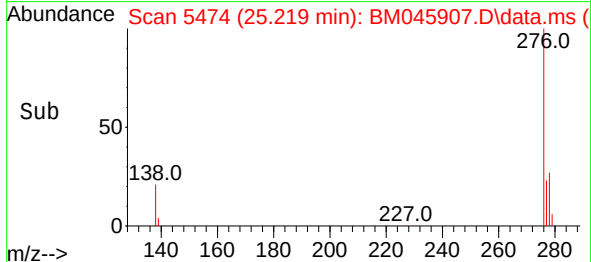
Instrument :
BNA_M
ClientSampleId :
A4BG7



Tgt Ion:278 Resp: 36050
Ion Ratio Lower Upper
278 100
139 21.2 16.6 25.0
279 30.6 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.016 min
Lab File: BM045907.D
Acq: 08 Jun 2024 09:33

Tgt Ion:276 Resp: 17948
Ion Ratio Lower Upper
276 100
138 30.5 21.0 31.4
277 29.5 20.5 30.7

