

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046325.D
 Acq On : 26 Jun 2024 12:07
 Operator : MA/JU
 Sample : P2909-11DL 5X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CP0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 13:39:40 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 : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	2248	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.205	136	6073	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.053	164	3695	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.804	188	7195	0.400	ng/ul	-0.03
17) Chrysene-d12	21.003	240	6100	0.400	ng/ul	-0.01
23) Perylene-d12	23.092	264	7250m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1511	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	397	0.049	ng/ul	0.00
18) Fluoranthene-d10	18.830	212	903	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.266	128	799	0.047	ng/ul#	43
7) 2-Methylnaphthalene	11.904	142	290	0.030	ng/ul	89
8) 1-Methylnaphthalene	12.108	142	220	0.021	ng/ul	96
10) Acenaphthylene	13.780	152	1855	0.106	ng/ul#	84
11) Acenaphthene	14.118	153	770	0.061	ng/ul	95
12) Fluorene	15.117	166	862	0.063	ng/ul#	94
15) Phenanthrene	16.846	178	20197	0.999	ng/ul	97
16) Anthracene	16.939	178	4021	0.267	ng/ul#	94
19) Fluoranthene	18.863	202	50878	1.926	ng/ul#	95
20) Pyrene	19.225	202	35531	1.244	ng/ul	95
21) Benzo(a)anthracene	20.988	228	22866	0.970	ng/ul	98
22) Chrysene	21.041	228	22360	0.744	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252	34065m	1.304	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	15284m	0.492	ng/ul	
26) Benzo(a)pyrene	23.001	252	11424	0.472	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.138	276	12273m	0.310	ng/ul	
28) Dibenzo(a,h)anthracene	25.138	278	3568m	0.121	ng/ul	
29) Benzo(g,h,i)perylene	25.755	276	1855	0.055	ng/ul#	57

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

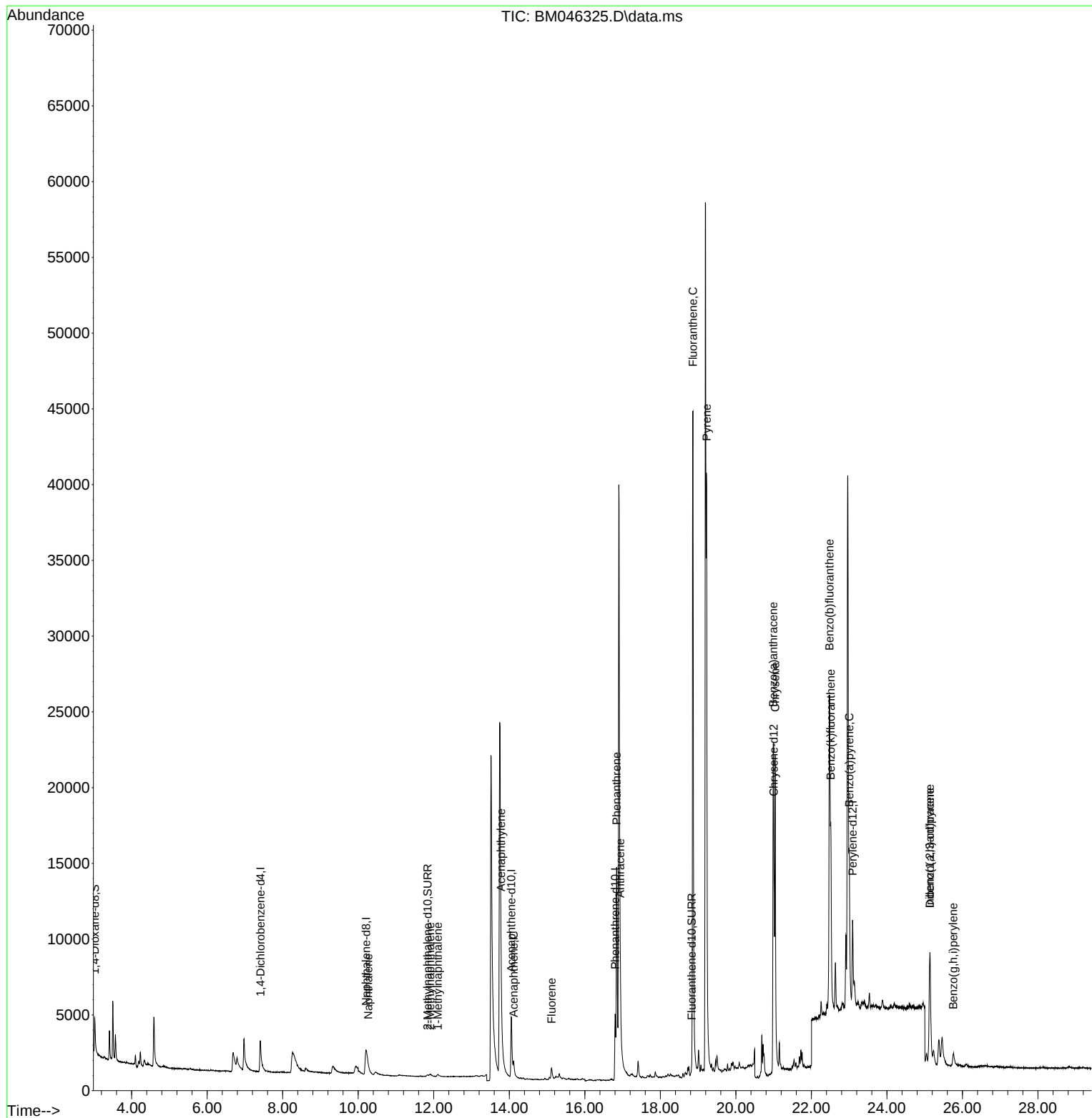
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046325.D
Acq On : 26 Jun 2024 12:07
Operator : MA/JU
Sample : P2909-11DL 5X
Misc :
ALS Vial : 86 Sample Multiplier: 1

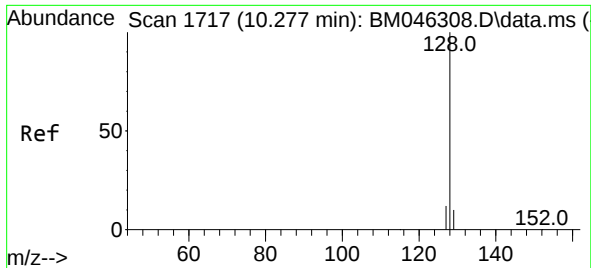
Instrument :
BNA_M
ClientSampleId :
A4CP0DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

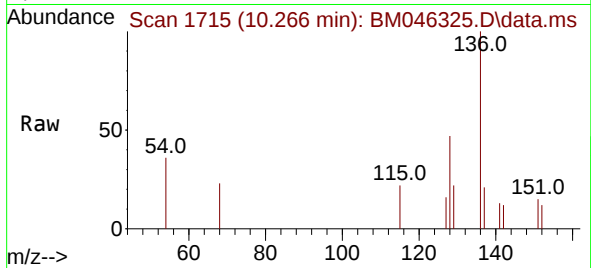
Quant Time: Jun 26 13:39:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.266 min Scan# 1715
Delta R.T. -0.011 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

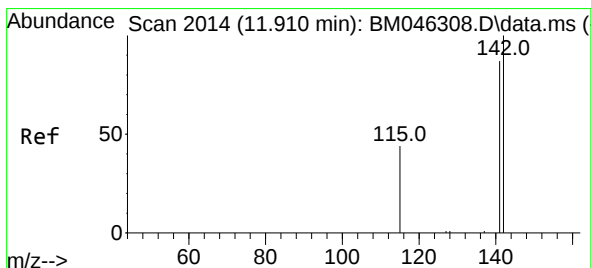
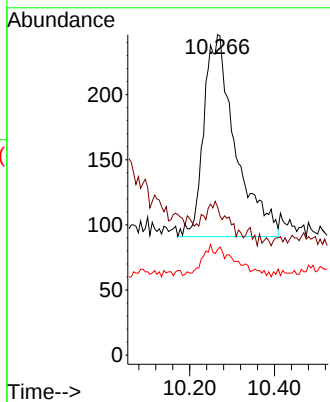
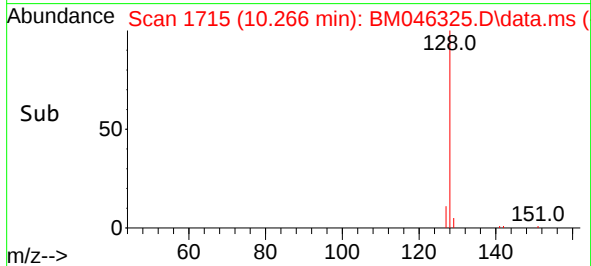
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



Tgt Ion:128 Resp: 799
Ion Ratio Lower Upper
128 100
129 46.3 11.8 17.6
127 32.9 12.8 19.2

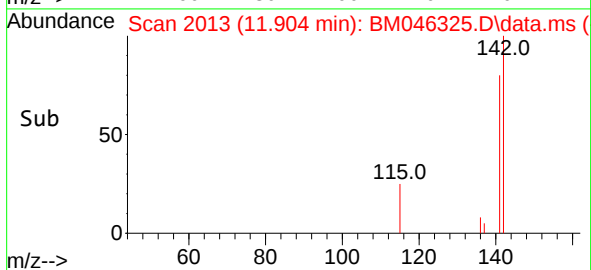
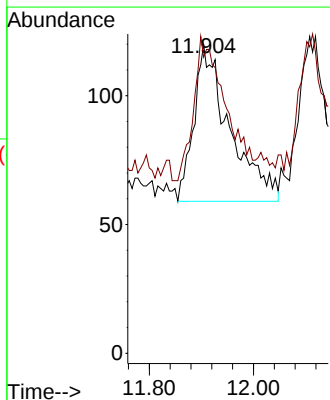
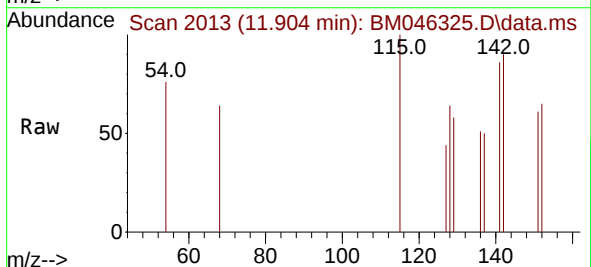
Manual Integrations
APPROVED

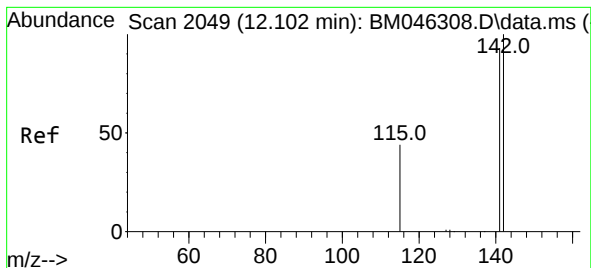
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.005 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
141 82.4 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.108 min Scan# 2049

Delta R.T. 0.006 min

Lab File: BM046325.D

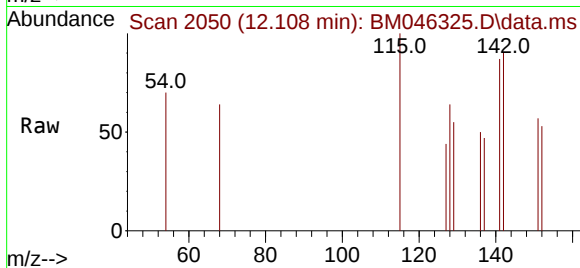
Acq: 26 Jun 2024 12:07

Instrument :

BNA_M

ClientSampleId :

A4CP0DL



Tgt Ion:142 Resp: 220

Ion Ratio Lower Upper

142 100

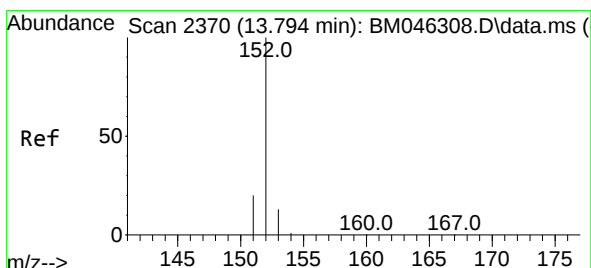
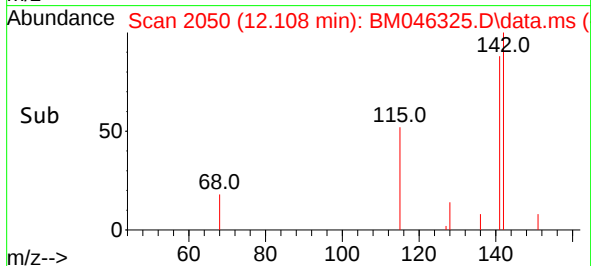
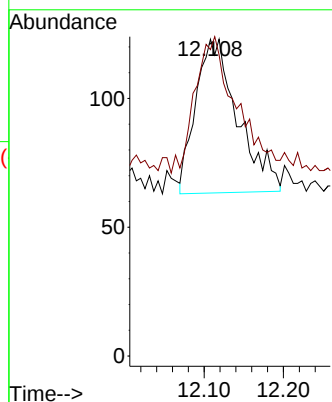
141 90.0 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#10

Acenaphthylene

Concen: 0.106 ng/ul

RT: 13.780 min Scan# 2367

Delta R.T. -0.014 min

Lab File: BM046325.D

Acq: 26 Jun 2024 12:07

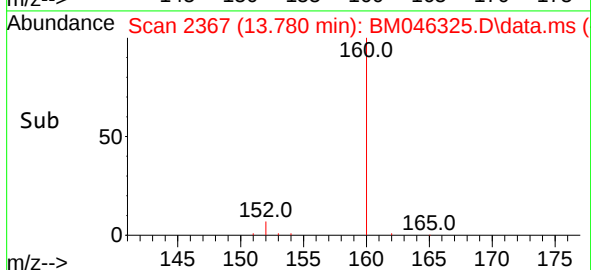
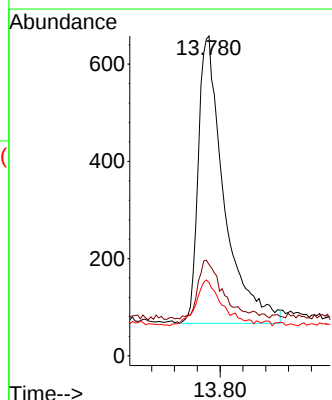
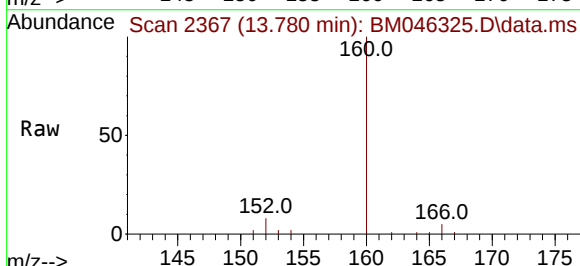
Tgt Ion:152 Resp: 1855

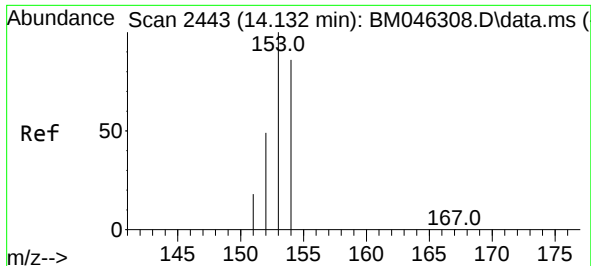
Ion Ratio Lower Upper

152 100

151 28.6 17.4 26.2#

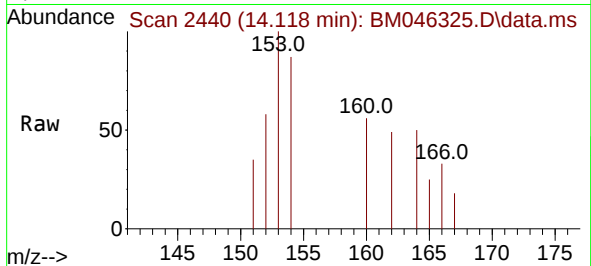
153 22.9 11.8 17.8#





#11
Acenaphthene
Concen: 0.061 ng/u1
RT: 14.118 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

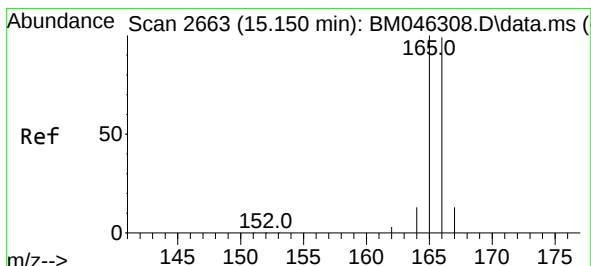
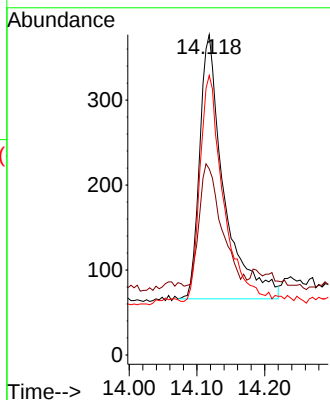
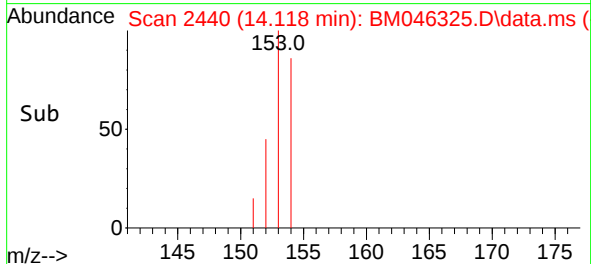
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



Tgt Ion:153 Resp: 770
Ion Ratio Lower Upper
153 100
152 58.1 41.3 61.9
154 87.3 68.2 102.4

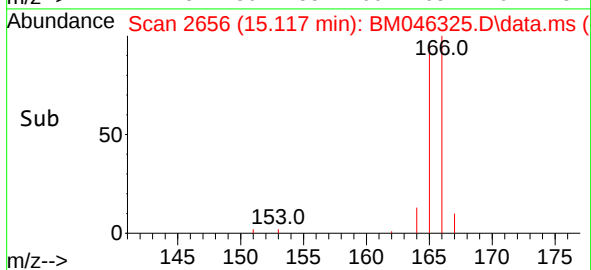
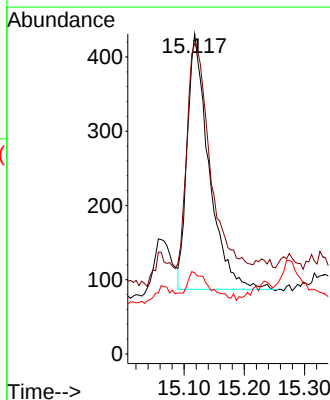
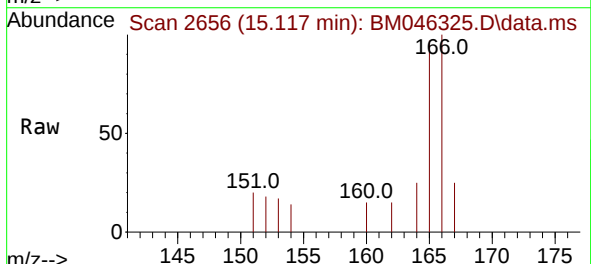
Manual Integrations
APPROVED

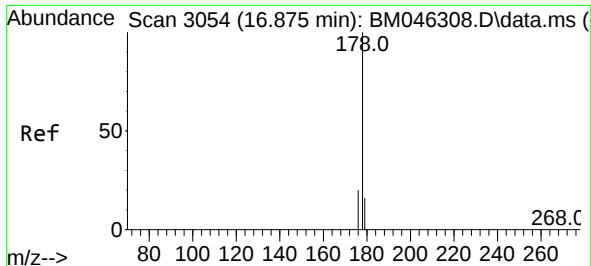
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.117 min Scan# 2656
Delta R.T. -0.032 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

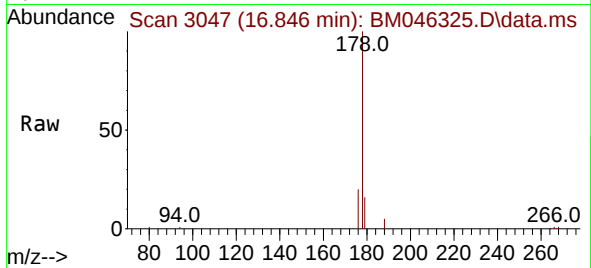
Tgt Ion:166 Resp: 862
Ion Ratio Lower Upper
166 100
165 97.0 80.4 120.6
167 25.3 12.4 18.6#





#15
Phenanthrene
Concen: 0.999 ng/u1
RT: 16.846 min Scan# 3054
Delta R.T. -0.030 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

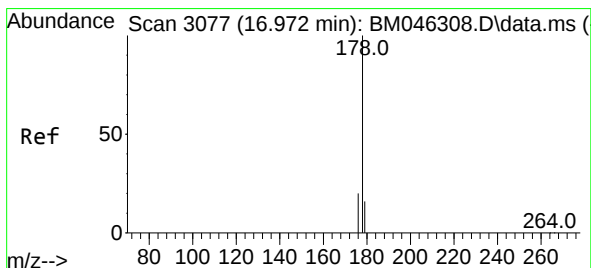
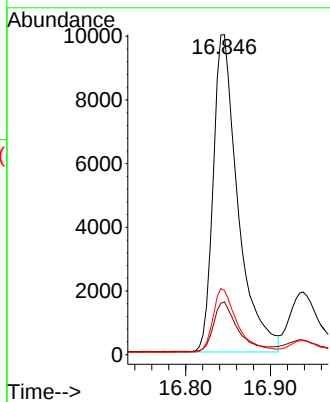
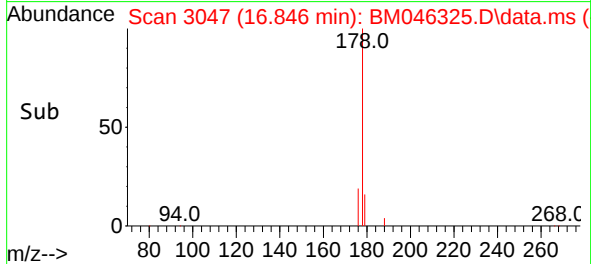
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



Tgt Ion:178 Resp: 2019
Ion Ratio Lower Upper
178 100
179 16.5 14.2 21.2
176 20.1 17.1 25.7

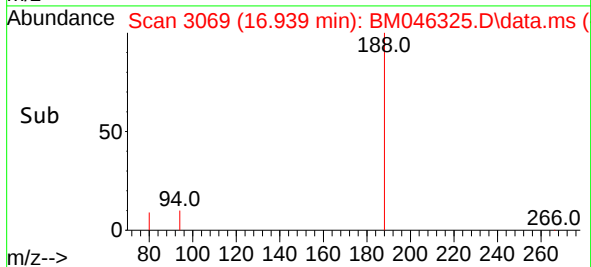
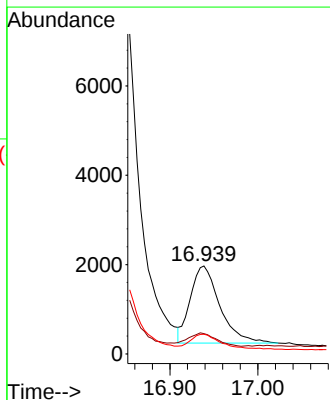
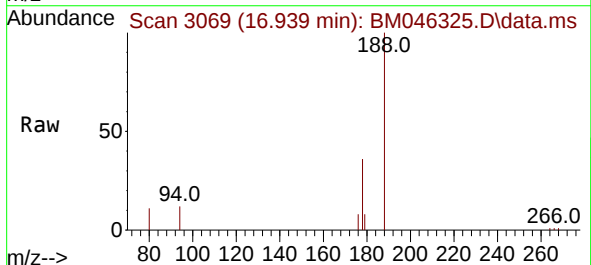
Manual Integrations
APPROVED

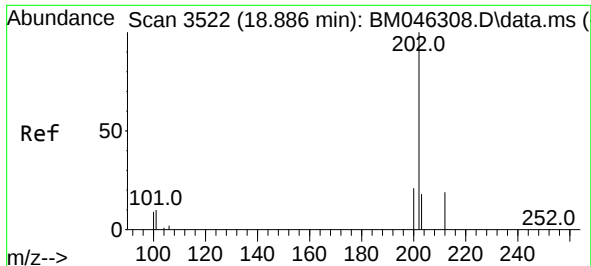
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.267 ng/u1
RT: 16.939 min Scan# 3069
Delta R.T. -0.034 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

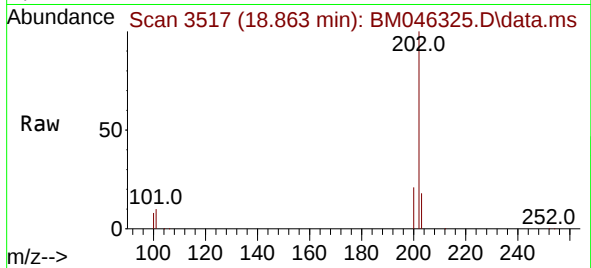
Tgt Ion:178 Resp: 4021
Ion Ratio Lower Upper
178 100
179 23.1 14.9 22.3#
176 22.3 17.0 25.4





#19
Fluoranthene
Concen: 1.926 ng/u1
RT: 18.863 min Scan# 3517
Delta R.T. -0.023 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

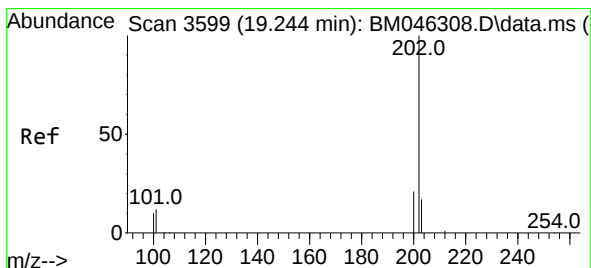
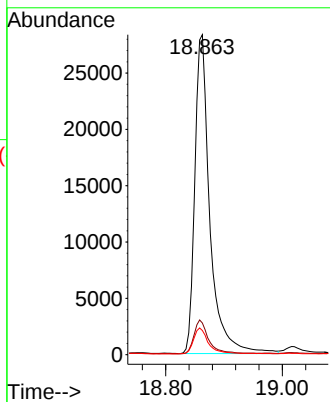
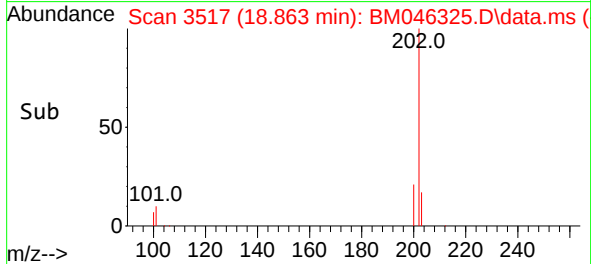
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



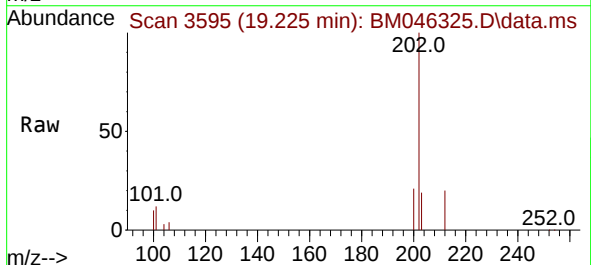
Tgt Ion:202 Resp: 50878
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 7.5 7.6 11.4

Manual Integrations
APPROVED

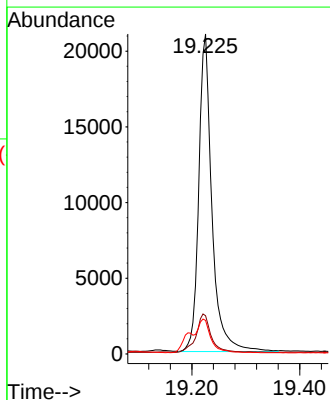
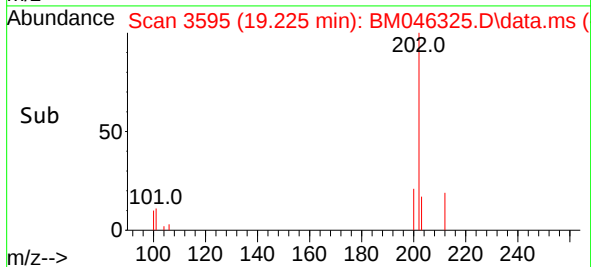
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

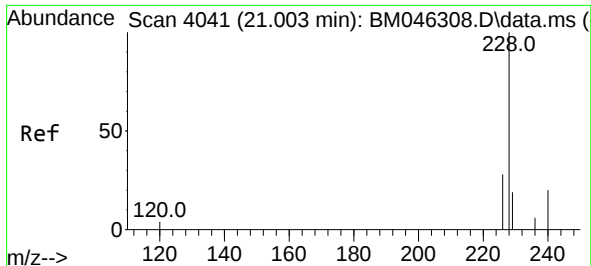


#20
Pyrene
Concen: 1.244 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.019 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07



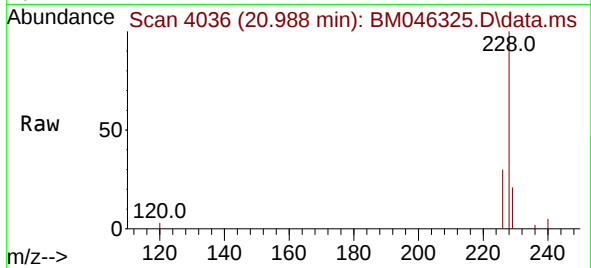
Tgt Ion:202 Resp: 35531
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.970 ng/ul
RT: 20.988 min Scan# 4036
Delta R.T. -0.015 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

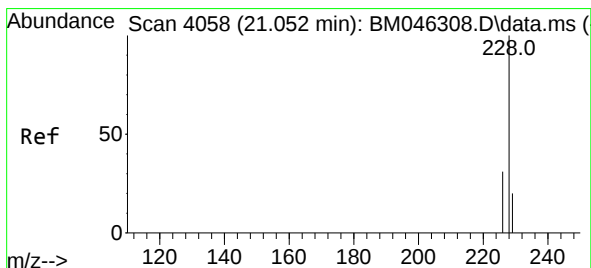
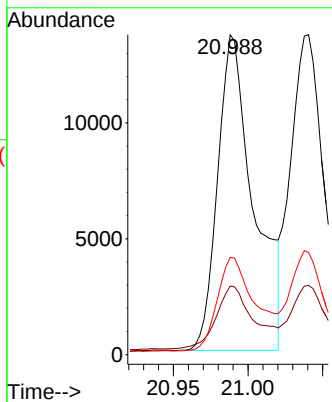
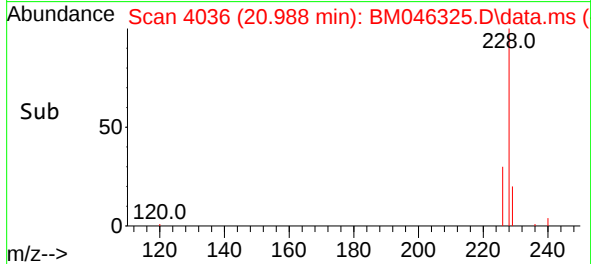
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



Tgt Ion:228 Resp: 22860
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 30.4 23.4 35.2

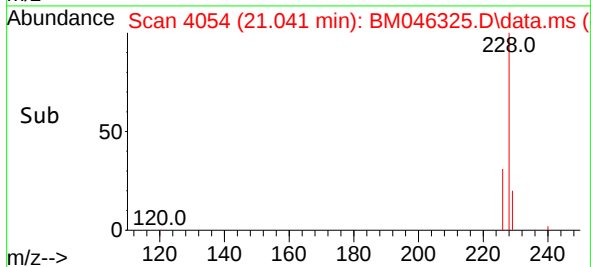
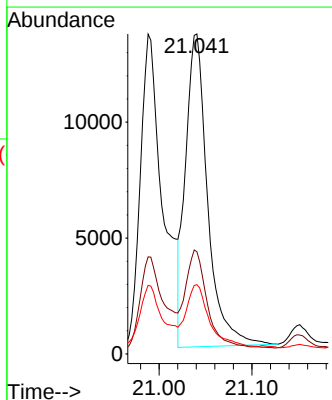
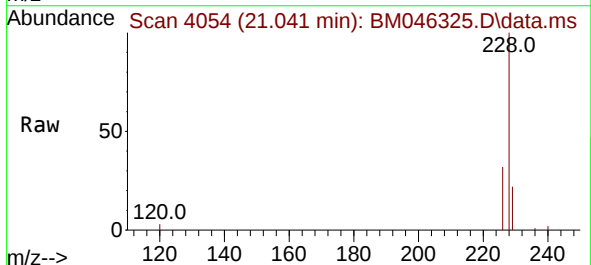
Manual Integrations
APPROVED

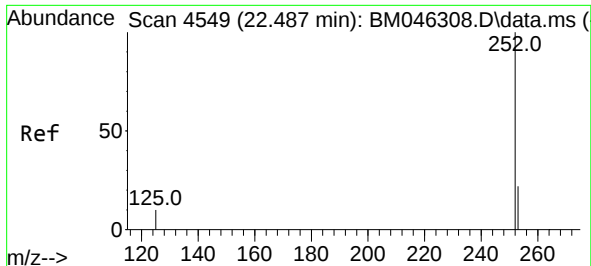
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.744 ng/ul
RT: 21.041 min Scan# 4054
Delta R.T. -0.012 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

Tgt Ion:228 Resp: 22360
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 21.6 16.3 24.5





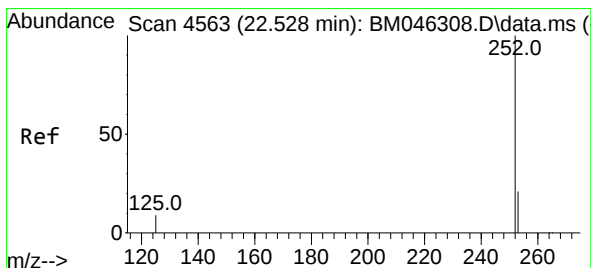
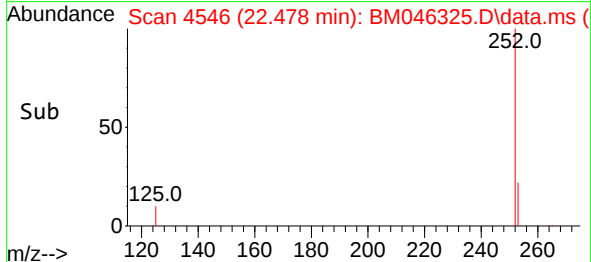
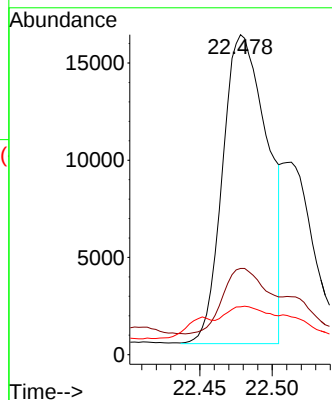
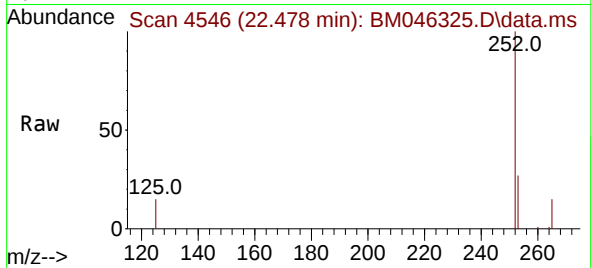
#24
Benzo(b)fluoranthene
Concen: 1.304 ng/ul m
RT: 22.478 min Scan# 4546
Delta R.T. -0.009 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

Instrument :
BNA_M
ClientSampleId :
A4CP0DL

Tgt Ion:252 Resp: 3406
Ion Ratio Lower Upper
252 100
253 27.0 0.0 65.8
125 14.9 0.0 40.2

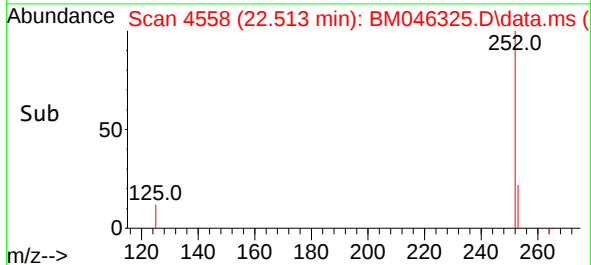
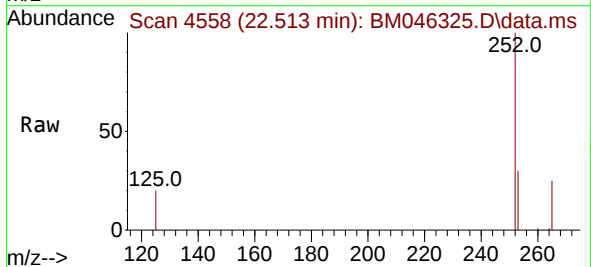
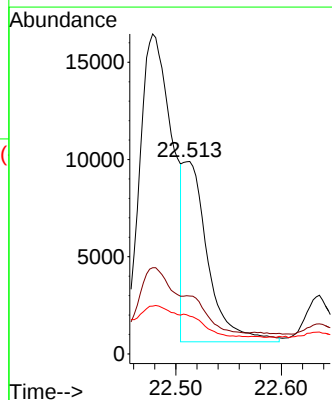
Manual Integrations
APPROVED

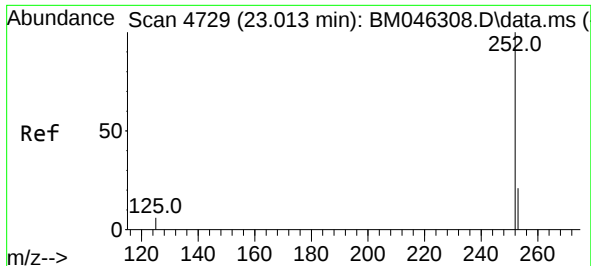
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul m
RT: 22.513 min Scan# 4558
Delta R.T. -0.015 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

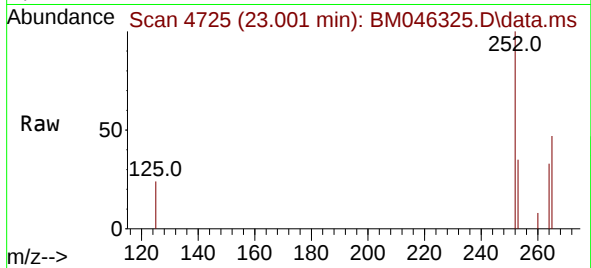
Tgt Ion:252 Resp: 15284
Ion Ratio Lower Upper
252 100
253 30.1 27.2 40.8
125 19.6 16.6 25.0





#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.012 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

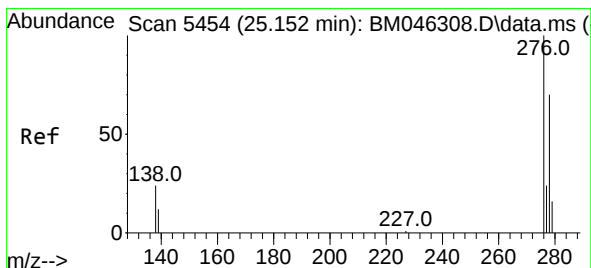
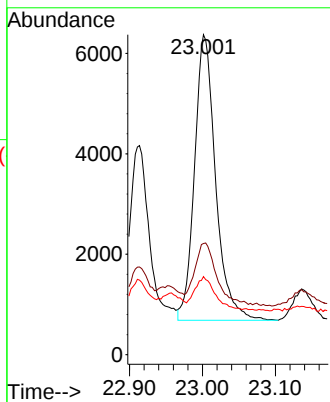
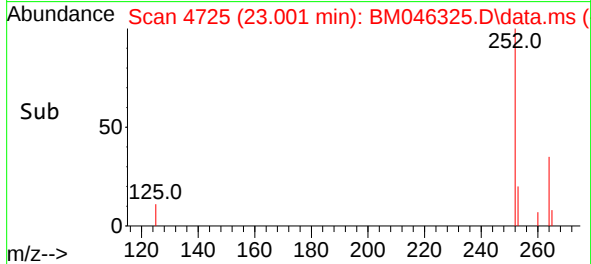
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



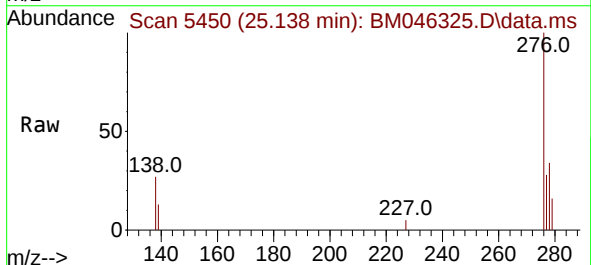
Tgt Ion:252 Resp: 11424
Ion Ratio Lower Upper
252 100
253 34.8 32.1 48.1
125 24.4 21.2 31.8

Manual Integrations
APPROVED

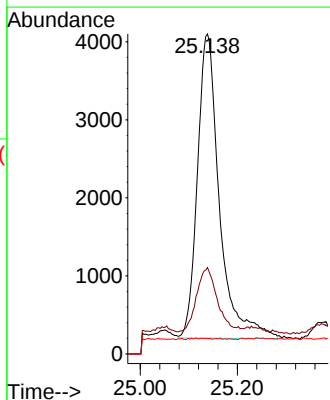
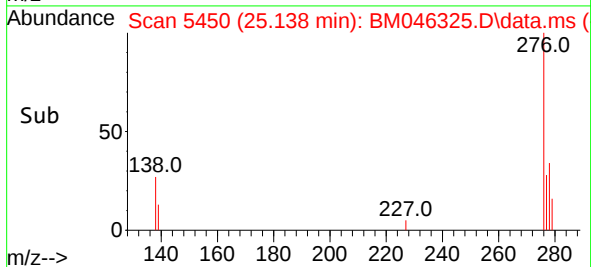
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

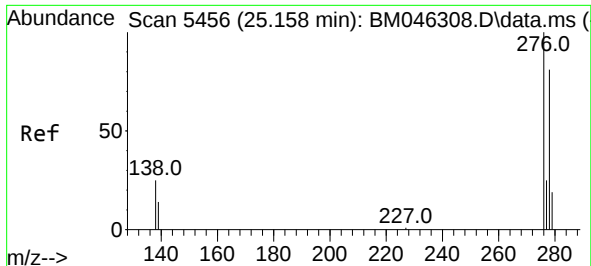


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul m
RT: 25.138 min Scan# 5450
Delta R.T. -0.013 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07



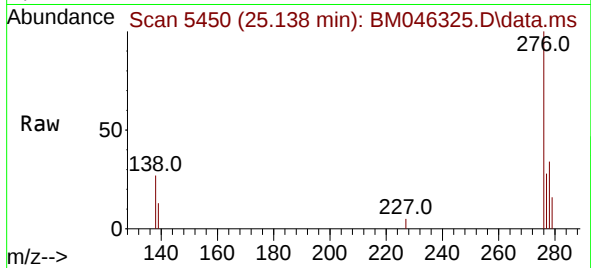
Tgt Ion:276 Resp: 12273
Ion Ratio Lower Upper
276 100
138 33.8 21.0 31.4#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.121 ng/ul m
RT: 25.138 min Scan# 5456
Delta R.T. -0.020 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07

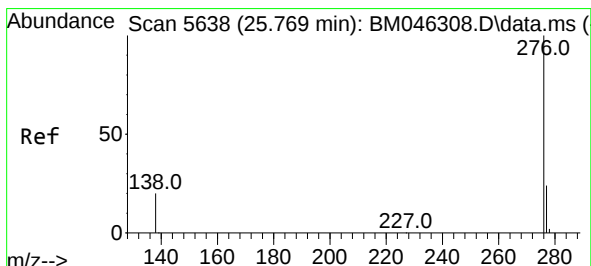
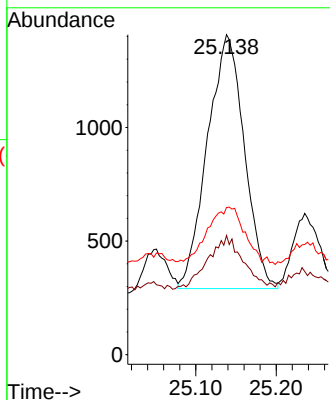
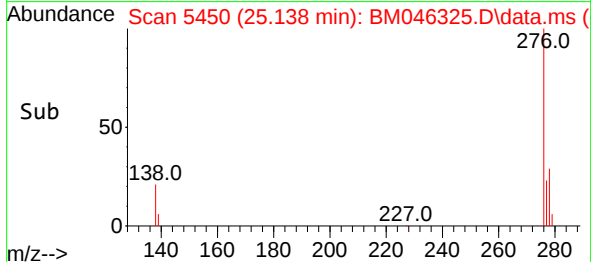
Instrument :
BNA_M
ClientSampleId :
A4CP0DL



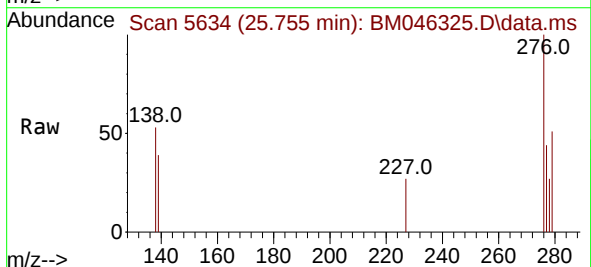
Tgt Ion:278 Resp: 3568
Ion Ratio Lower Upper
278 100
139 37.3 17.6 26.4#
279 46.0 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.055 ng/ul
RT: 25.755 min Scan# 5634
Delta R.T. -0.013 min
Lab File: BM046325.D
Acq: 26 Jun 2024 12:07



Tgt Ion:276 Resp: 1855
Ion Ratio Lower Upper
276 100
138 53.0 21.7 32.5#
277 44.1 20.4 30.6#

