

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046152.D
 Acq On : 21 Jun 2024 10:15
 Operator : MA/JU
 Sample : P2754-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 10:59:14 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	7.422	152	2454	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	6959	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3790	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.812	188	8428m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	6782m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	7212m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	13171	3.912	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.822	152	2564	0.274	ng/ul	-0.04
18) Fluoranthene-d10	18.844	212	5750	0.283	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	1986	0.102	ng/ul#	91
7) 2-Methylnaphthalene	11.899	142	570	0.052	ng/ul	100
8) 1-Methylnaphthalene	12.108	142	302	0.025	ng/ul	91
10) Acenaphthylene	13.785	152	2636	0.147	ng/ul#	91
11) Acenaphthene	14.128	153	423	0.033	ng/ul#	94
12) Fluorene	15.122	166	879	0.063	ng/ul#	94
15) Phenanthrene	16.850	178	10326m	0.436	ng/ul	
16) Anthracene	16.943	178	3008m	0.171	ng/ul	
19) Fluoranthene	18.872	202	29567	1.007	ng/ul	99
20) Pyrene	19.235	202	30973	0.975	ng/ul	99
21) Benzo(a)anthracene	20.994	228	14321m	0.547	ng/ul	
22) Chrysene	21.047	228	20340	0.608	ng/ul#	92
24) Benzo(b)fluoranthene	22.487	252	25477m	0.981	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	9644m	0.312	ng/ul	
26) Benzo(a)pyrene	23.010	252	15824	0.657	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	25.155	276	15276	0.388	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.155	278	3575	0.122	ng/ul#	53
29) Benzo(g,h,i)perylene	25.772	276	16087	0.476	ng/ul	98

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

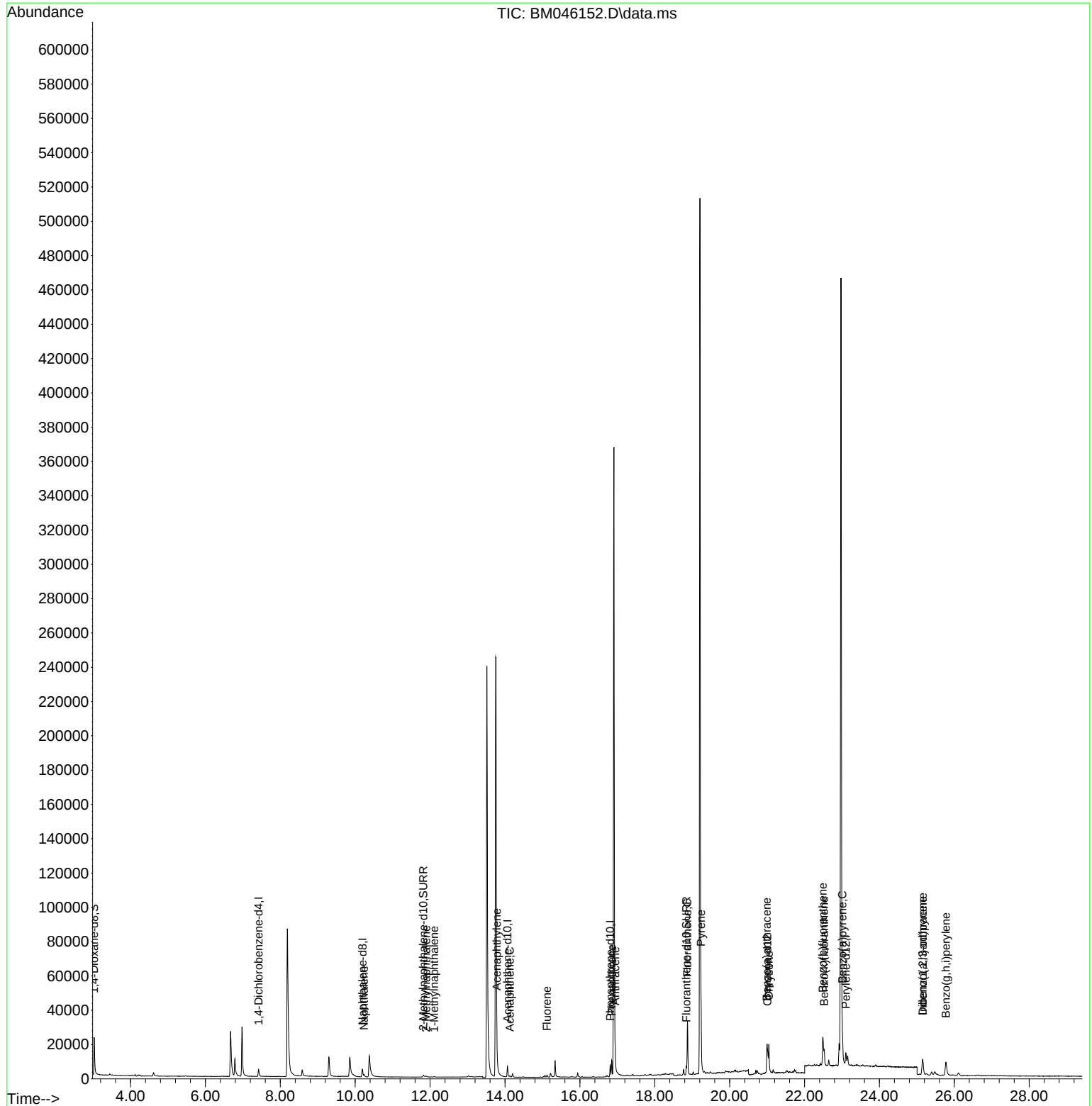
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046152.D
Acq On : 21 Jun 2024 10:15
Operator : MA/JU
Sample : P2754-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

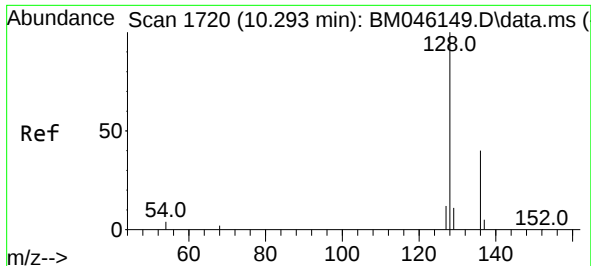
Instrument :
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ClientSampleId :
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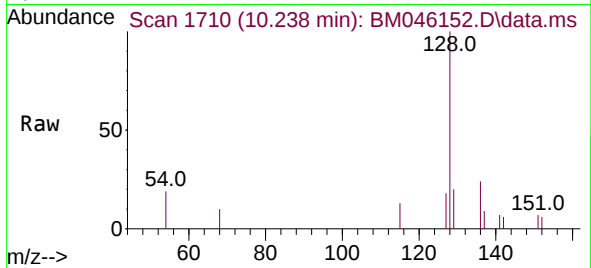
Quant Time: Jun 21 10:59:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.064 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

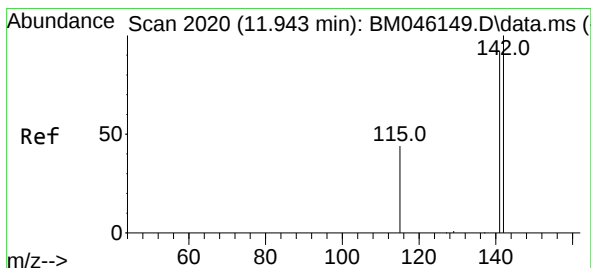
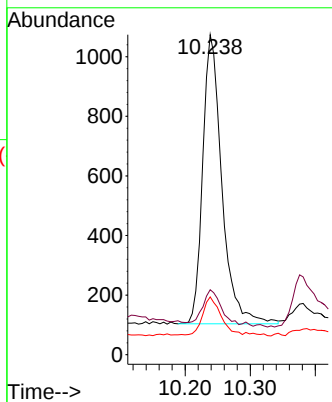
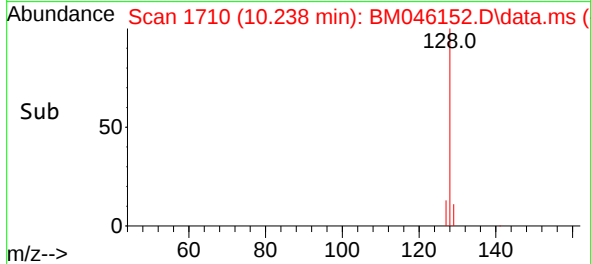
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:128 Resp: 1980
Ion Ratio Lower Upper
128 100
129 20.3 11.8 17.6
127 18.1 12.8 19.2

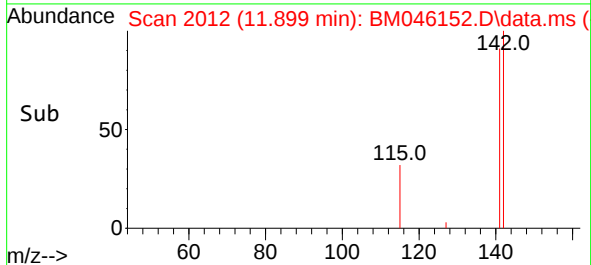
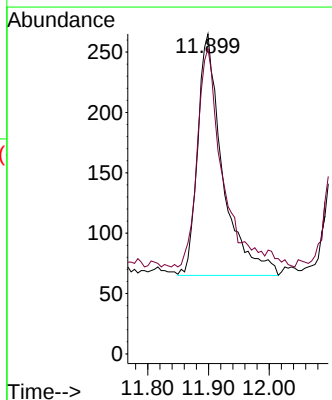
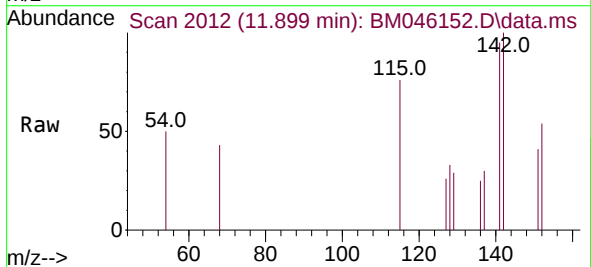
Manual Integrations
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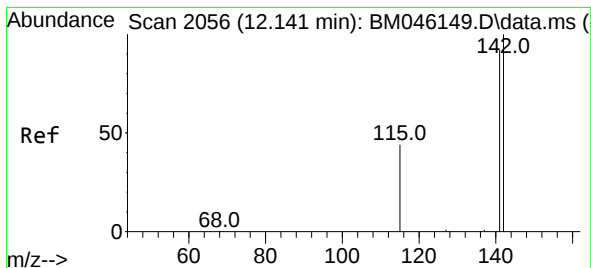
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
141 92.8 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.025 ng/ul

RT: 12.108 min Scan# 2056

Delta R.T. -0.042 min

Lab File: BM046152.D

Acq: 21 Jun 2024 10:15

Instrument :

BNA_M

ClientSampleId :

A4BP3

Tgt Ion:142 Resp: 302

Ion Ratio Lower Upper

142 100

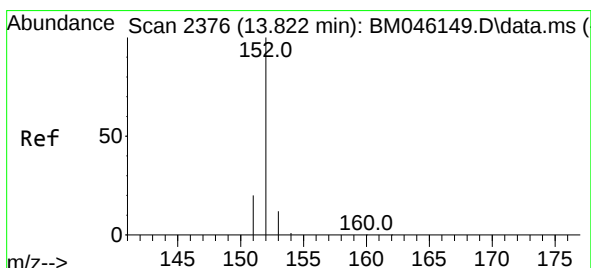
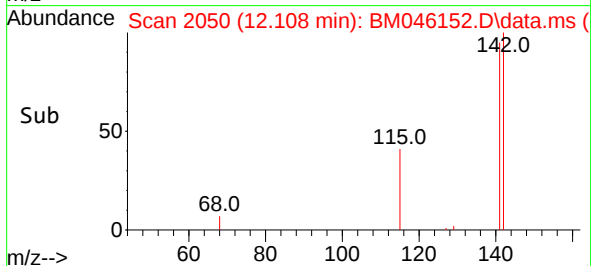
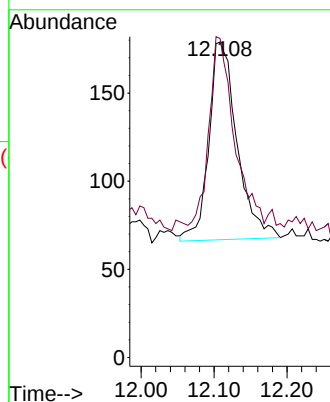
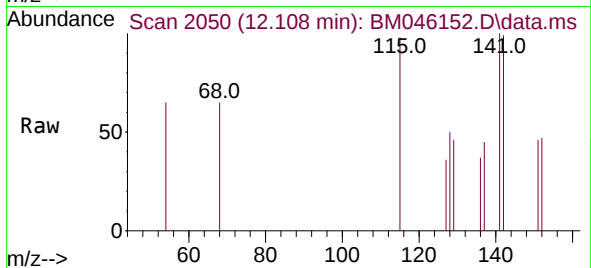
141 85.8 75.2 112.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#10

Acenaphthylene

Concen: 0.147 ng/ul

RT: 13.785 min Scan# 2368

Delta R.T. -0.049 min

Lab File: BM046152.D

Acq: 21 Jun 2024 10:15

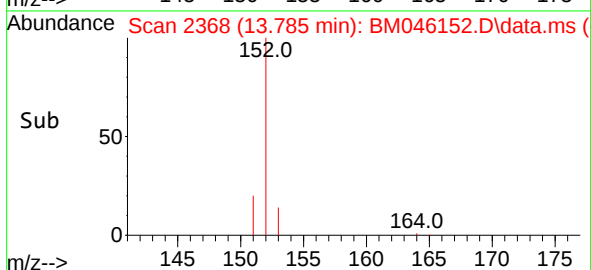
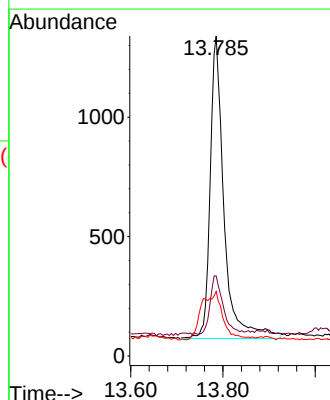
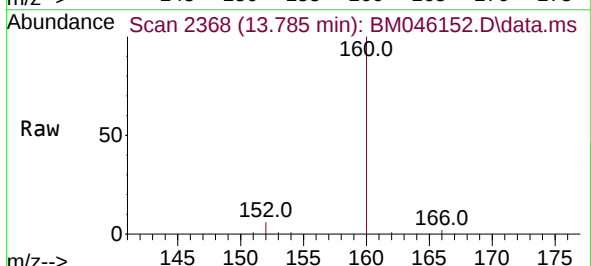
Tgt Ion:152 Resp: 2636

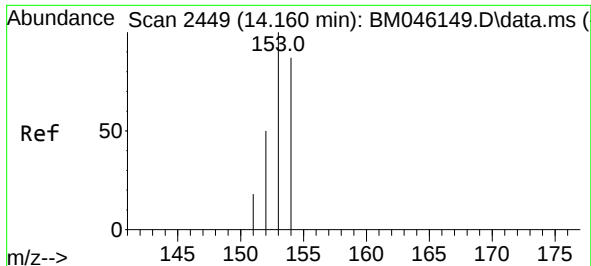
Ion Ratio Lower Upper

152 100

151 25.0 17.4 26.2

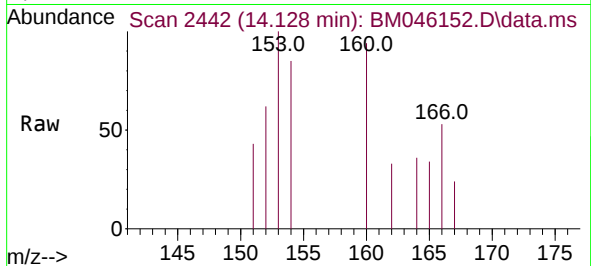
153 20.1 11.8 17.8#





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.128 min Scan# 2449
Delta R.T. -0.045 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

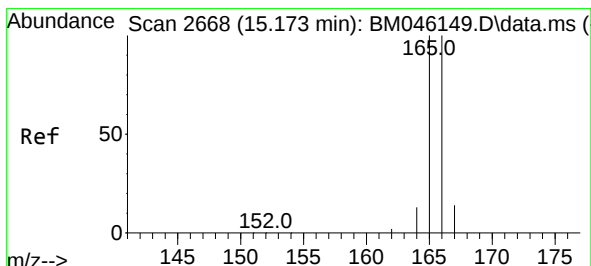
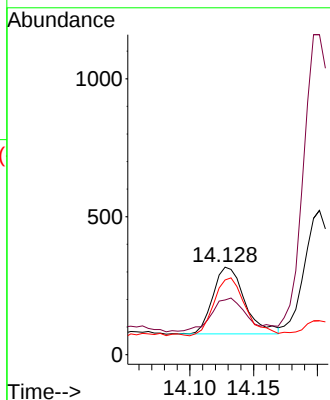
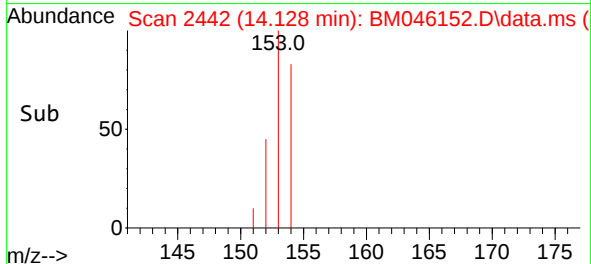
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:153 Resp: 423
Ion Ratio Lower Upper
153 100
152 62.5 41.3 61.9
154 85.5 68.2 102.4

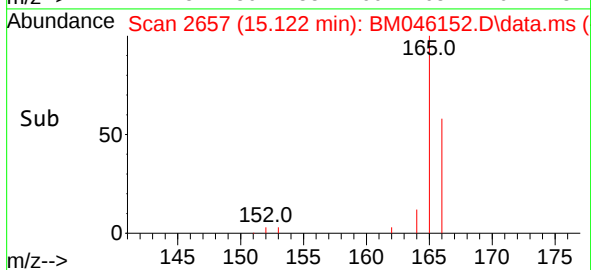
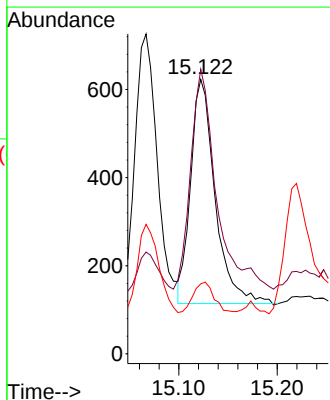
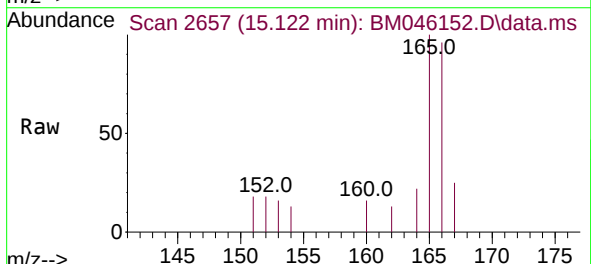
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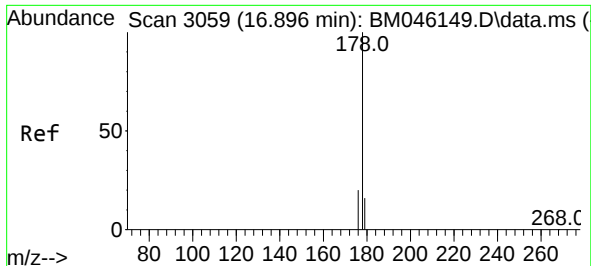
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

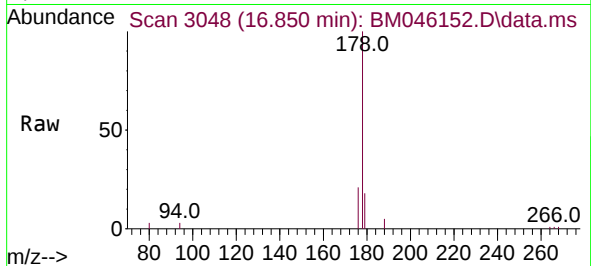
Tgt Ion:166 Resp: 879
Ion Ratio Lower Upper
166 100
165 103.7 80.4 120.6
167 25.5 12.4 18.6#





#15
Phenanthrene
Concen: 0.436 ng/ul m
RT: 16.850 min Scan# 3059
Delta R.T. -0.053 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

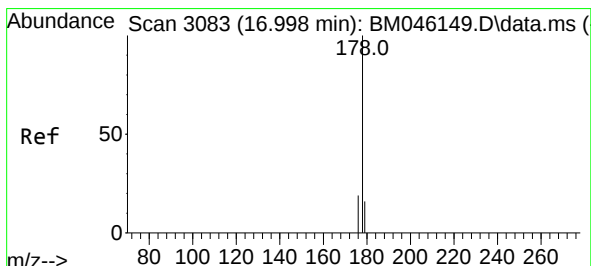
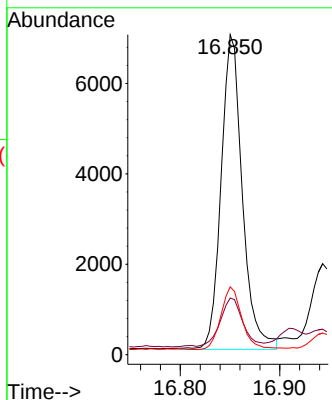
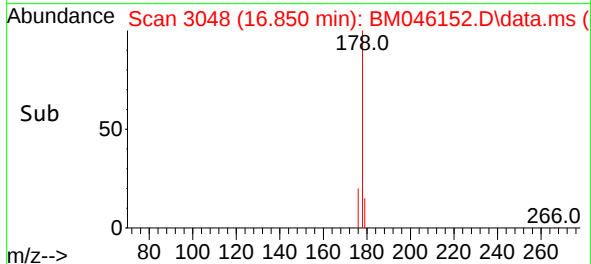
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:178 Resp: 10320
Ion Ratio Lower Upper
178 100
179 17.7 14.2 21.2
176 21.2 17.1 25.7

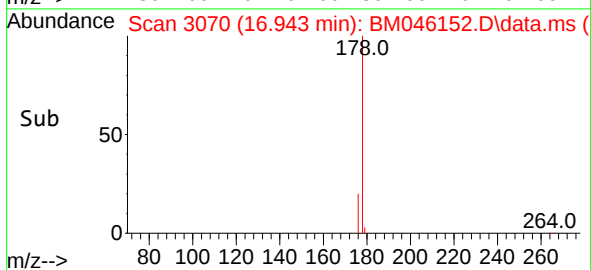
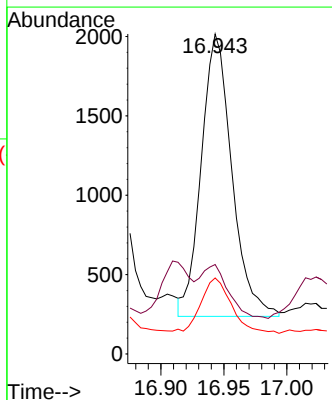
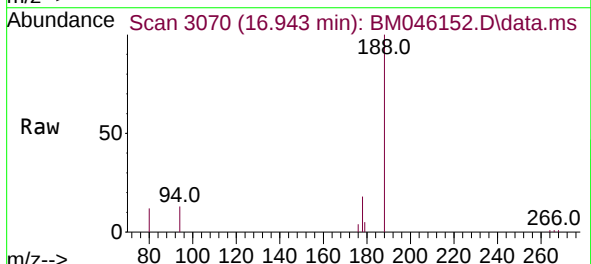
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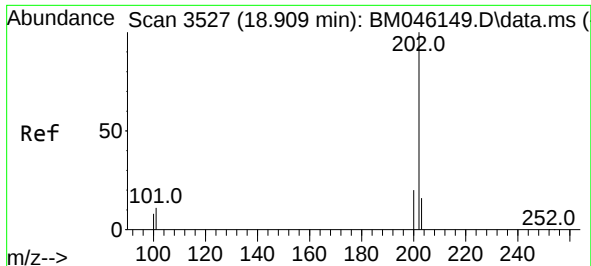
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.171 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

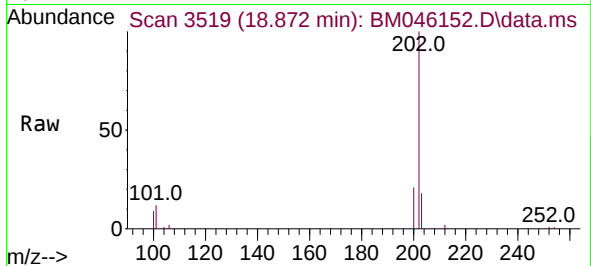
Tgt Ion:178 Resp: 3008
Ion Ratio Lower Upper
178 100
179 28.0 14.9 22.3#
176 23.8 17.0 25.4





#19
Fluoranthene
Concen: 1.007 ng/u1
RT: 18.872 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

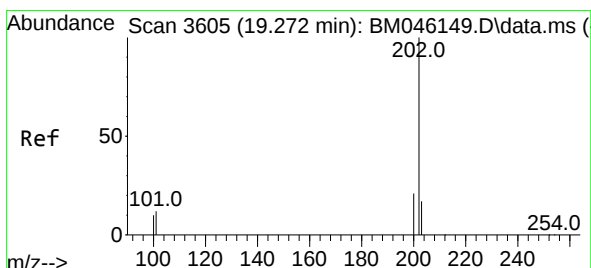
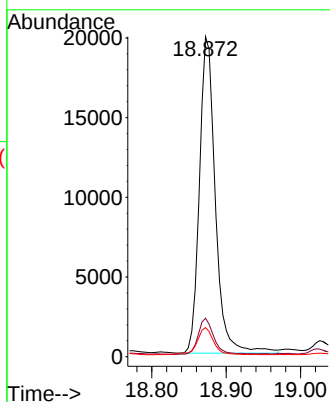
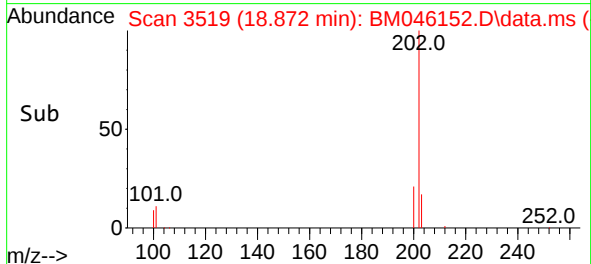
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:202 Resp: 2956
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.1 7.6 11.4

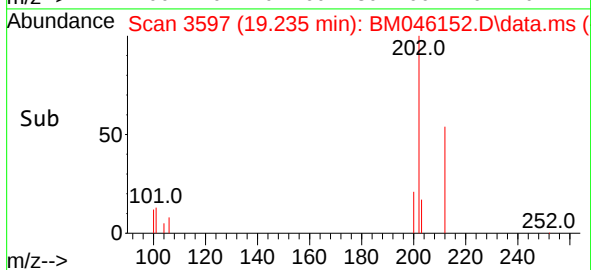
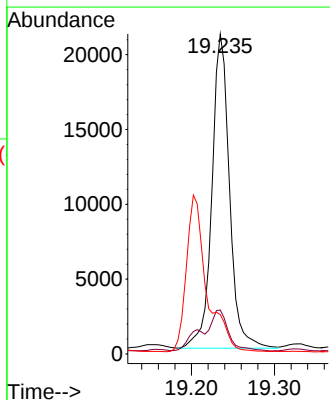
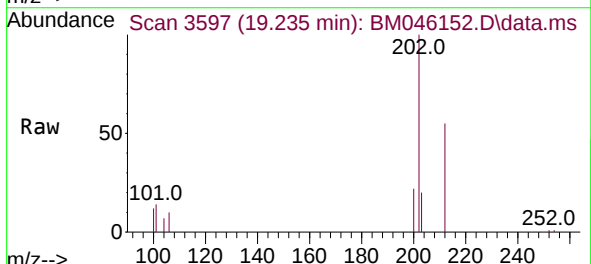
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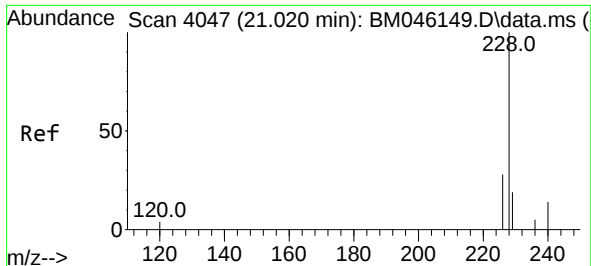
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.975 ng/u1
RT: 19.235 min Scan# 3597
Delta R.T. -0.040 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

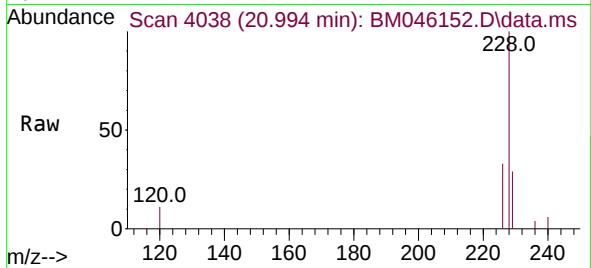
Tgt Ion:202 Resp: 30973
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.547 ng/ul m
RT: 20.994 min Scan# 4038
Delta R.T. -0.035 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

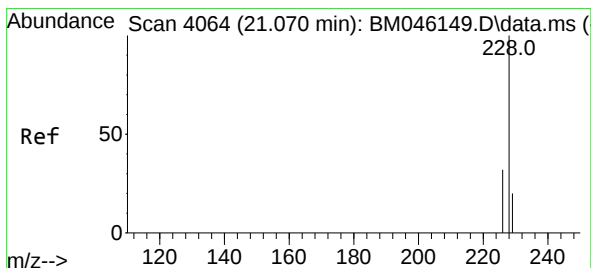
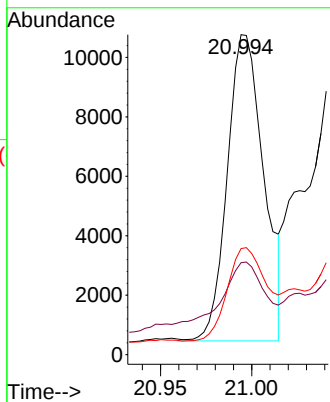
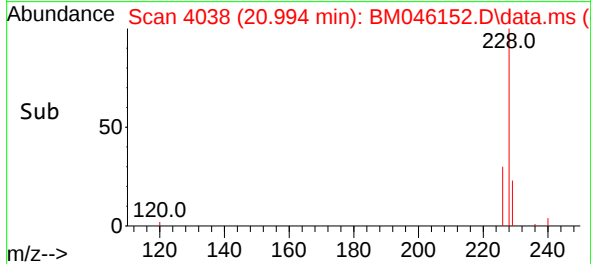
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:228 Resp: 1432
Ion Ratio Lower Upper
228 100
229 28.8 16.4 24.6
226 33.1 23.4 35.2

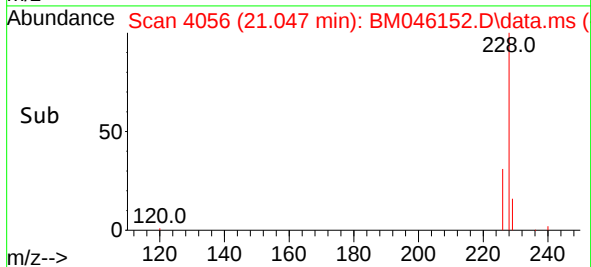
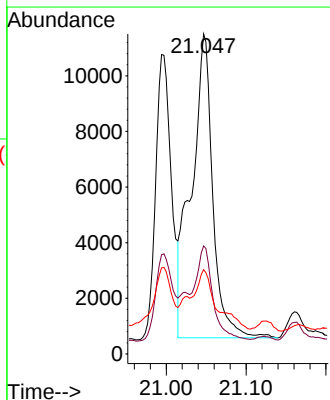
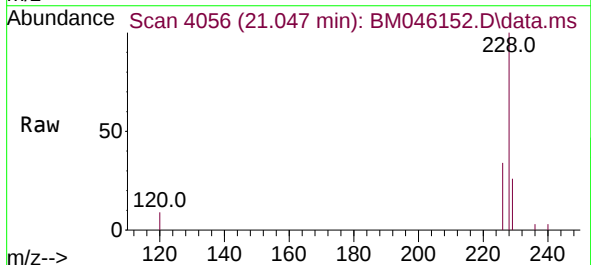
Manual Integrations
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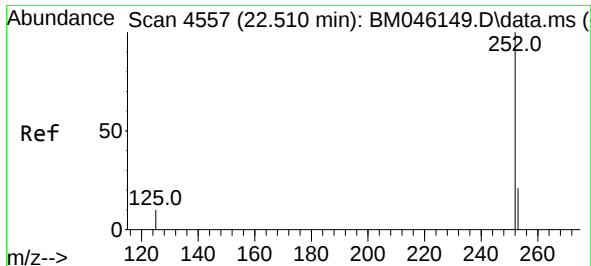
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.608 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.029 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

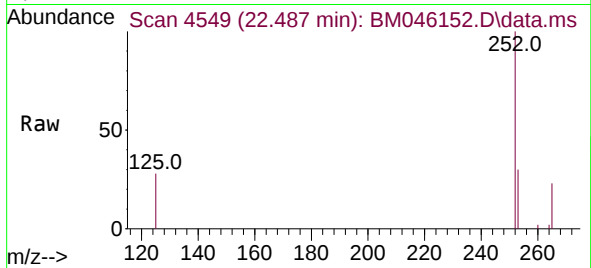
Tgt Ion:228 Resp: 20340
Ion Ratio Lower Upper
228 100
226 33.7 25.2 37.8
229 26.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.981 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

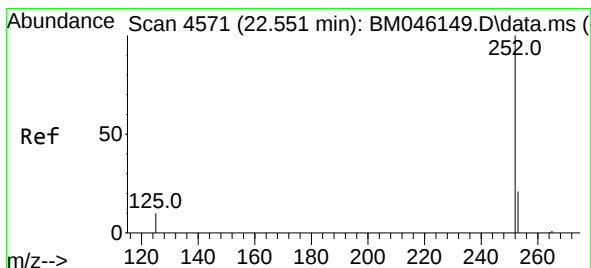
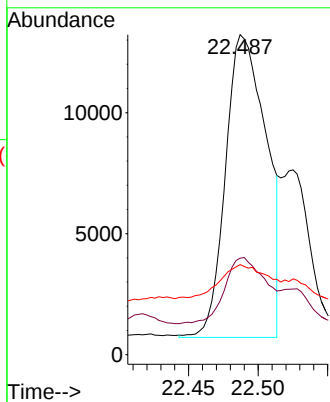
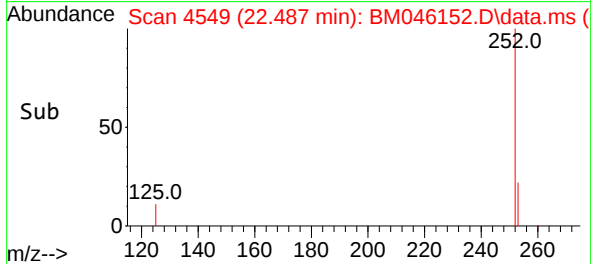
Instrument :
BNA_M
ClientSampleId :
A4BP3



Tgt Ion:252 Resp: 2547
Ion Ratio Lower Upper
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253 30.2 0.0 65.8
125 28.1 0.0 40.2

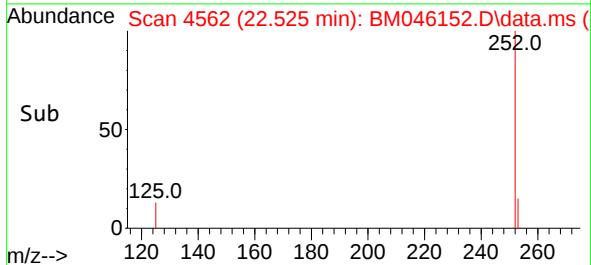
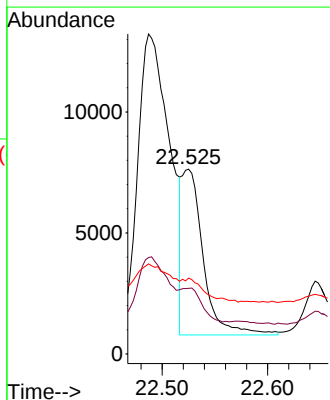
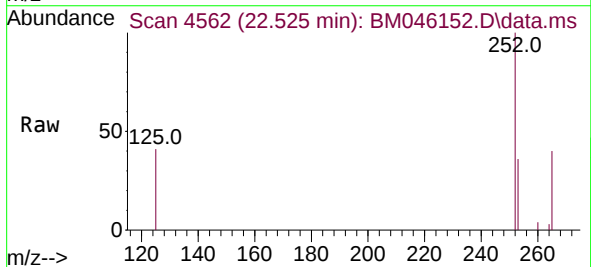
Manual Integrations
APPROVED

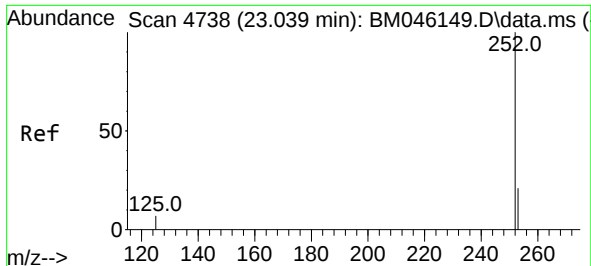
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

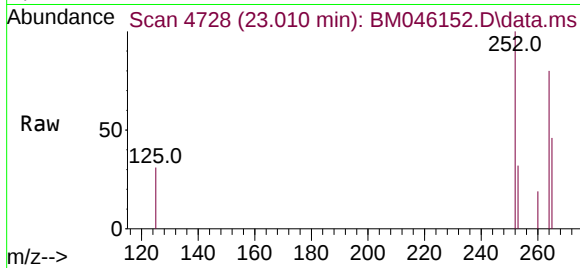
Tgt Ion:252 Resp: 9644
Ion Ratio Lower Upper
252 100
253 35.5 27.2 40.8
125 41.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.657 ng/ul
RT: 23.010 min Scan# 4728
Delta R.T. -0.044 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15

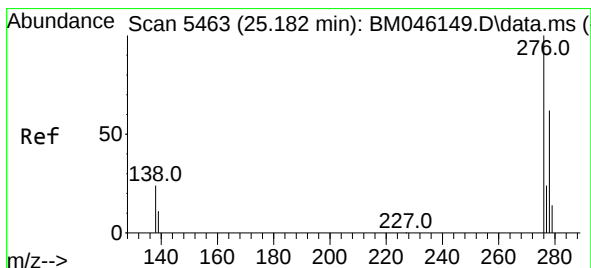
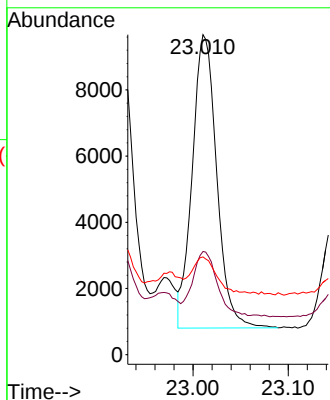
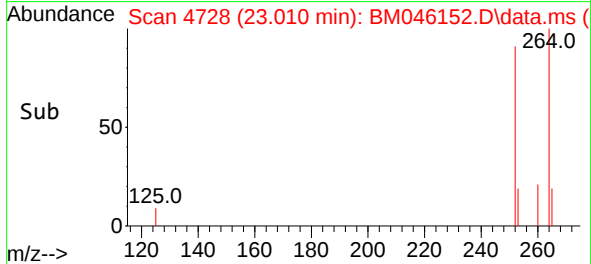
Instrument :
BNA_M
ClientSampleId :
A4BP3



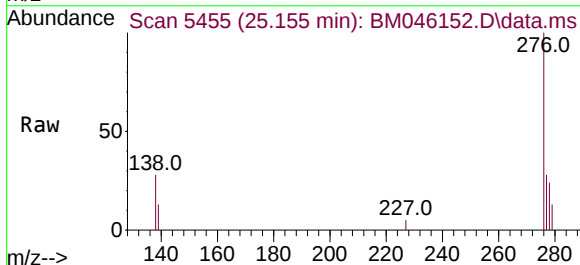
Tgt Ion:252 Resp: 15824
Ion Ratio Lower Upper
252 100
253 32.3 32.1 48.1
125 30.5 21.2 31.8

Manual Integrations
APPROVED

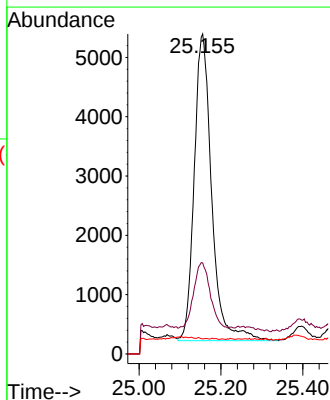
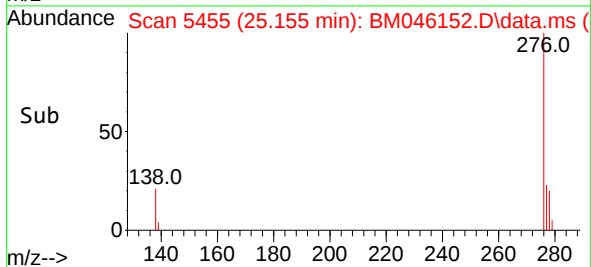
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

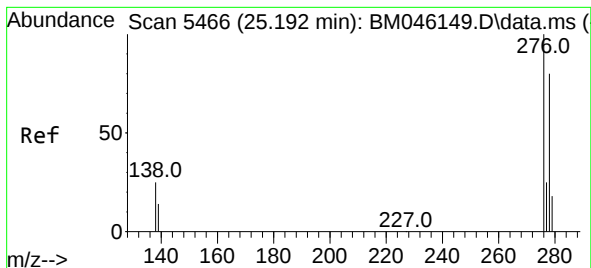


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.155 min Scan# 5455
Delta R.T. -0.047 min
Lab File: BM046152.D
Acq: 21 Jun 2024 10:15



Tgt Ion:276 Resp: 15276
Ion Ratio Lower Upper
276 100
138 21.0 21.0 31.4
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.122 ng/ul

RT: 25.155 min Scan# 54

Delta R.T. -0.061 min

Lab File: BM046152.D

Acq: 21 Jun 2024 10:15

Instrument :

BNA_M

ClientSampleId :

A4BP3

Tgt Ion:278 Resp: 357

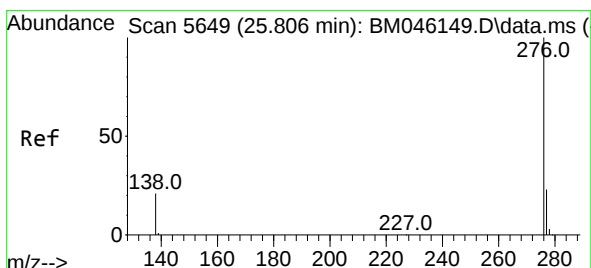
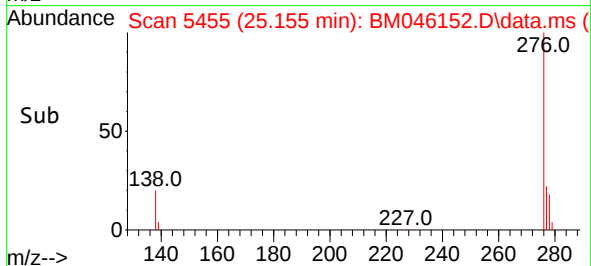
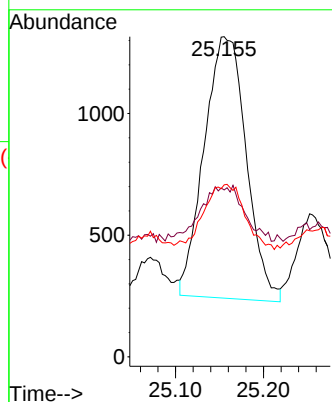
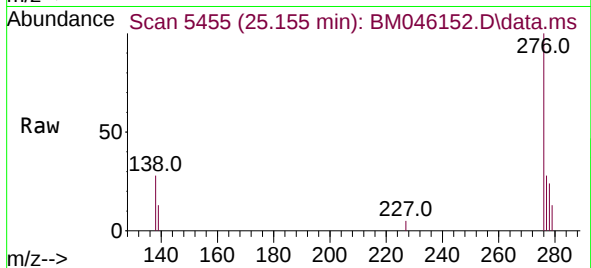
Ion	Ratio	Lower	Upper
278	100		
139	52.1	17.6	26.4
279	53.7	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.476 ng/ul

RT: 25.772 min Scan# 5639

Delta R.T. -0.057 min

Lab File: BM046152.D

Acq: 21 Jun 2024 10:15

Tgt Ion:276 Resp: 16087

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.7	32.5
277	26.3	20.4	30.6

