

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046407.D
 Acq On : 06 Jul 2024 07:16
 Operator : MA/JU
 Sample : P3010-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:46:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	11233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	32541	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.181	164	18327	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	33070m	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	14761	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15177	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	34086	2.938	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	13450	0.279	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	17756	0.343	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	16194	0.187	ng/ul	100
7) 2-Methylnaphthalene	11.974	142	7213	0.123	ng/ul	99
8) 1-Methylnaphthalene	12.200	142	4881	0.081	ng/ul	100
10) Acenaphthylene	13.899	152	30971	0.333	ng/ul	100
11) Acenaphthene	14.242	153	8365	0.138	ng/ul	98
12) Fluorene	15.241	166	12439	0.174	ng/ul	98
14) Pentachlorophenol	16.587	266	453	0.047	ng/ul	94
15) Phenanthrene	16.975	178	257169	2.597	ng/ul	98
16) Anthracene	17.064	178	47486	0.494	ng/ul	98
19) Fluoranthene	19.001	202	489560	6.561	ng/ul	98
20) Pyrene	19.363	202	314000	4.090	ng/ul	96
21) Benzo(a)anthracene	21.126	228	164932	2.501	ng/ul	93
22) Chrysene	21.175	228	203146	3.098	ng/ul	98
24) Benzo(b)fluoranthene	22.660	252	278766m	4.320	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	90333m	1.387	ng/ul	
26) Benzo(a)pyrene	23.206	252	90113	1.767	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.447	276	102142	1.483	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.461	278	32706	0.614	ng/ul#	87
29) Benzo(g,h,i)perylene	26.094	276	16123	0.293	ng/ul#	80

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

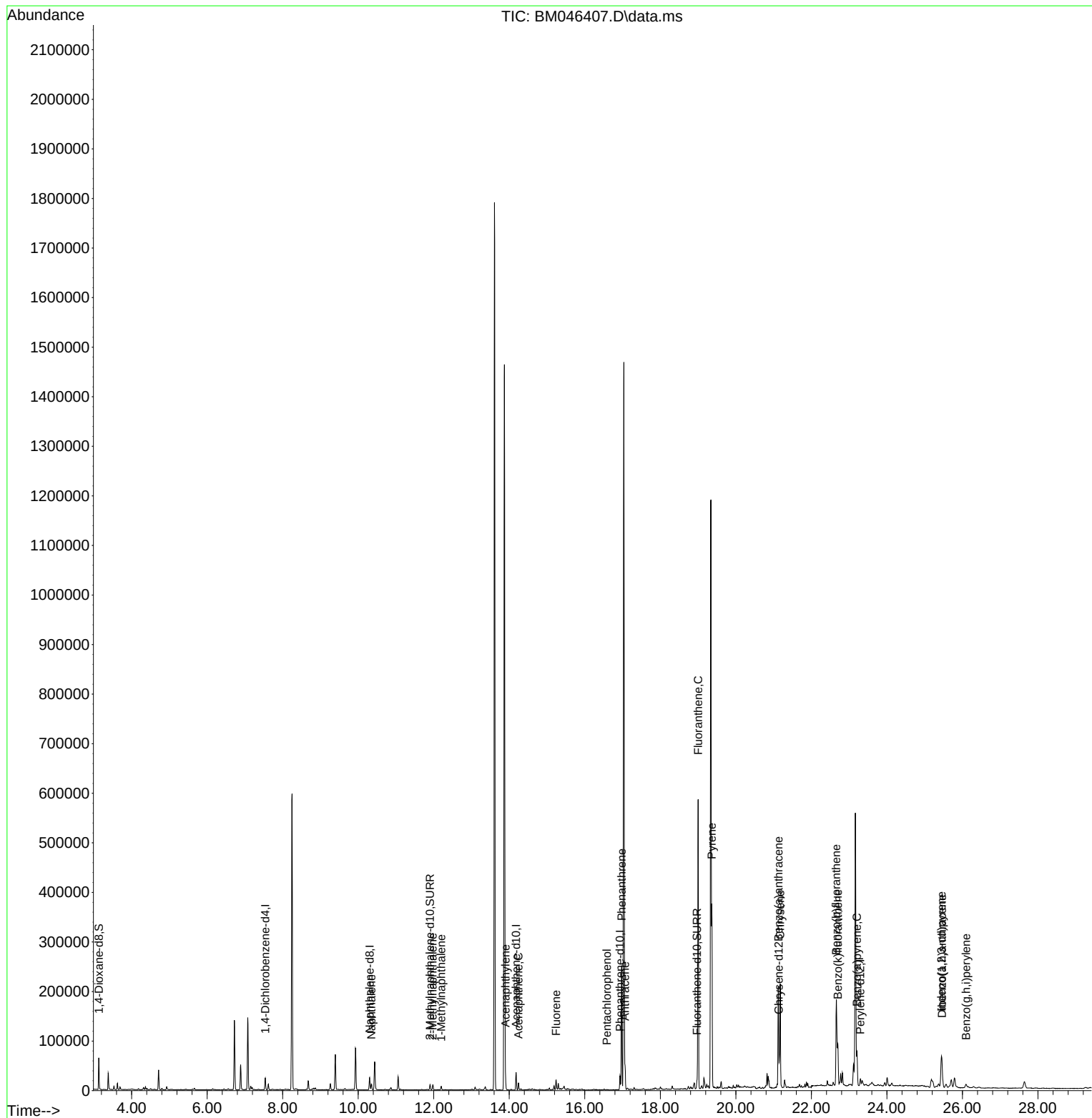
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046407.D
Acq On : 06 Jul 2024 07:16
Operator : MA/JU
Sample : P3010-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

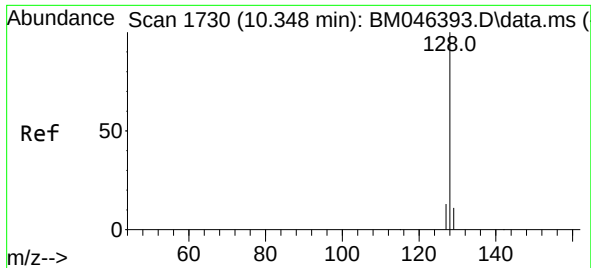
Instrument :
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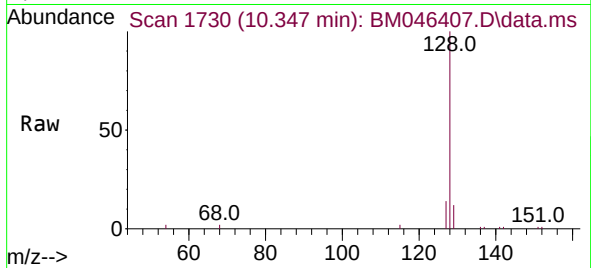
Quant Time: Jul 08 00:46:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.347 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

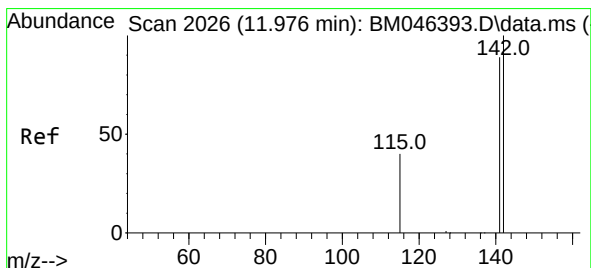
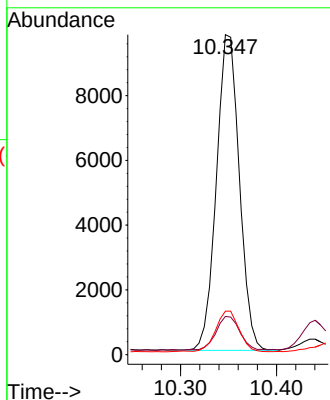
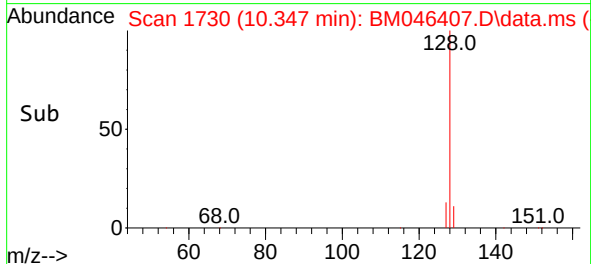
Instrument :
BNA_M
ClientSampleId :
A4CW6



Tgt Ion:128 Resp: 16194
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.6 10.8 16.2

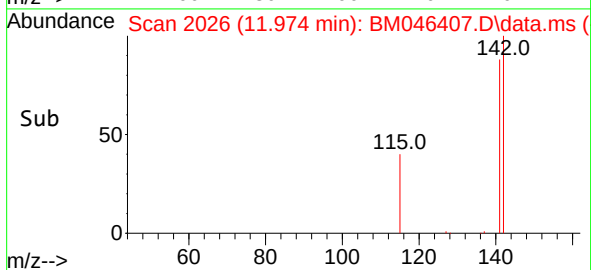
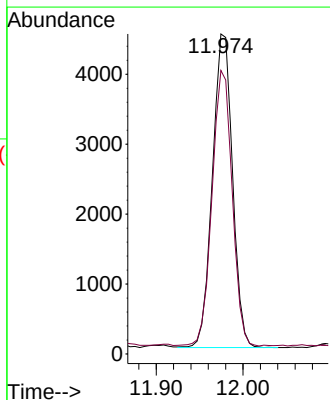
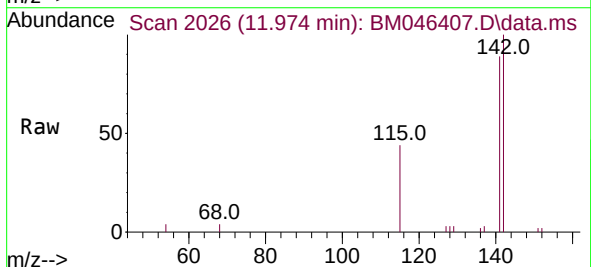
Manual Integrations
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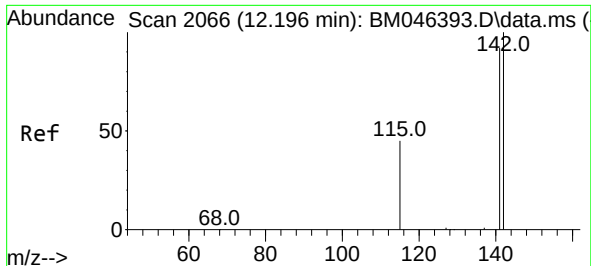
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

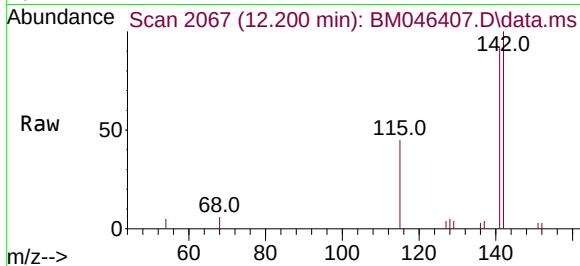
Tgt Ion:142 Resp: 7213
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.081 ng/u1
RT: 12.200 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

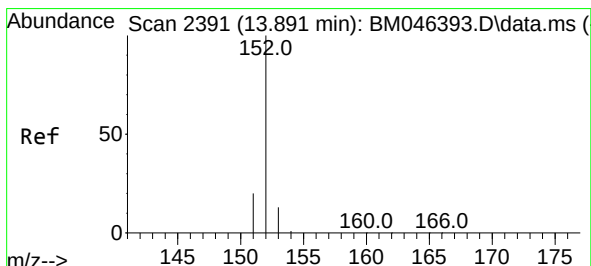
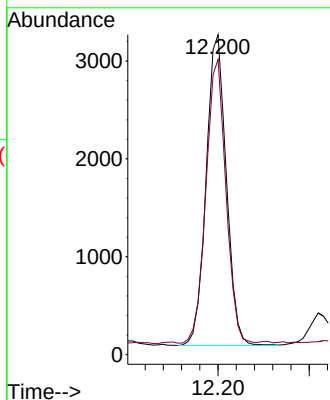
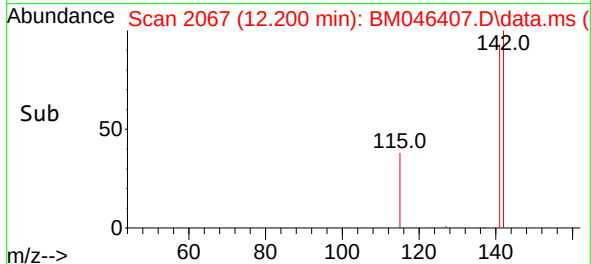
Instrument :
BNA_M
ClientSampleId :
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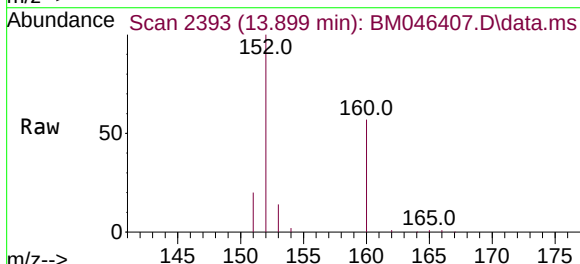
Tgt Ion:142 Resp: 488
Ion Ratio Lower Upper
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141 90.3 72.4 108.6

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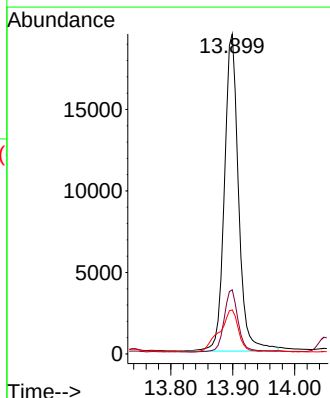
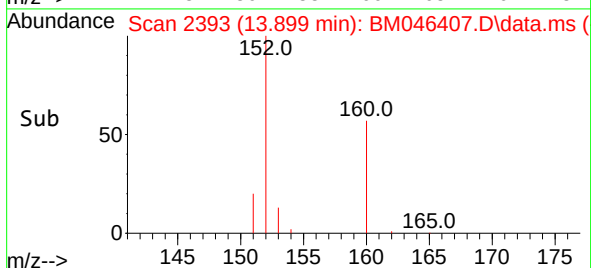
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

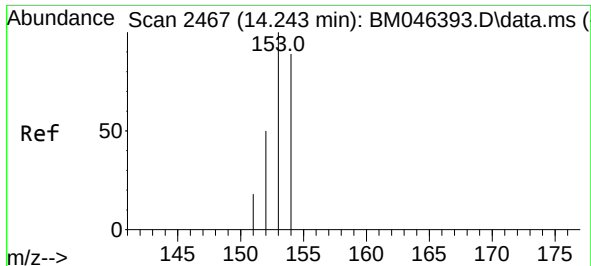


#10
Acenaphthylene
Concen: 0.333 ng/u1
RT: 13.899 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16



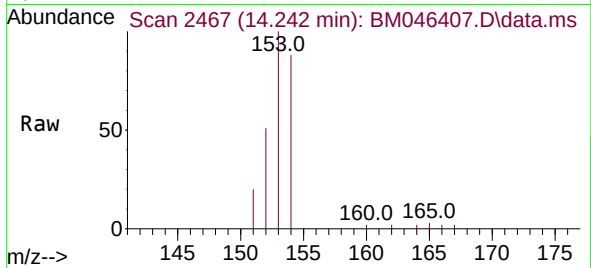
Tgt Ion:152 Resp: 30971
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 11.0 16.6





#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

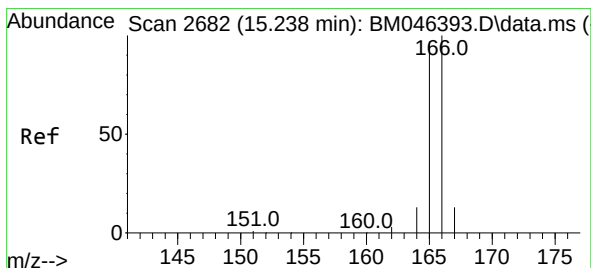
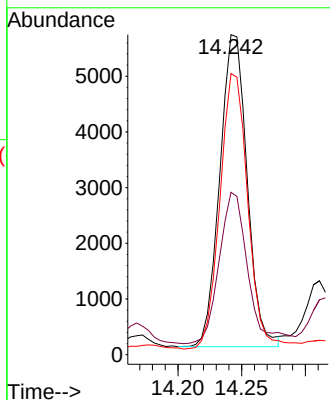
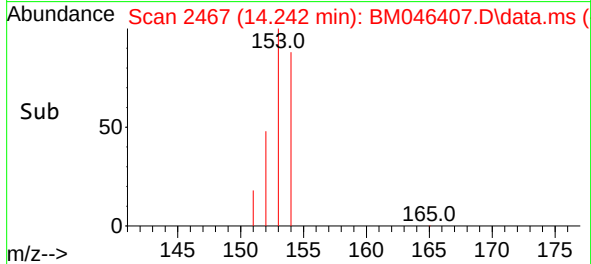
Instrument :
BNA_M
ClientSampleId :
A4CW6



Tgt Ion:153 Resp: 836
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 87.9 72.1 108.1

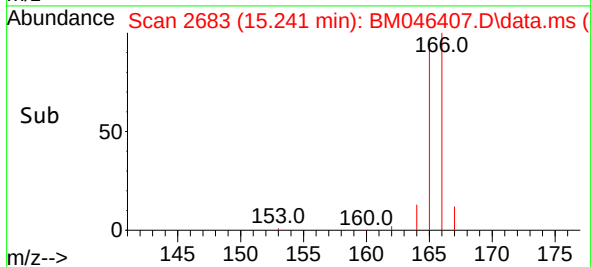
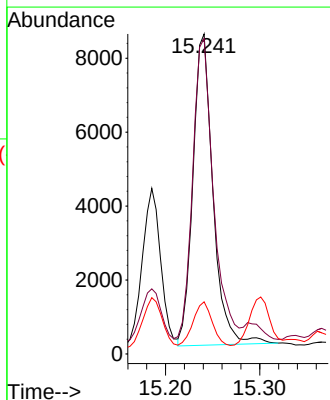
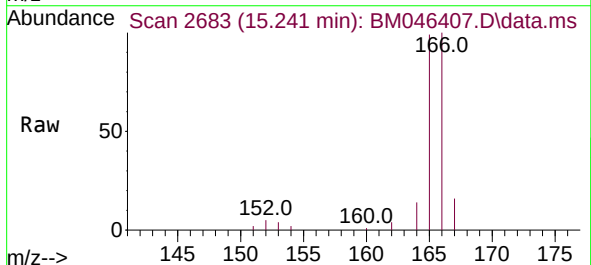
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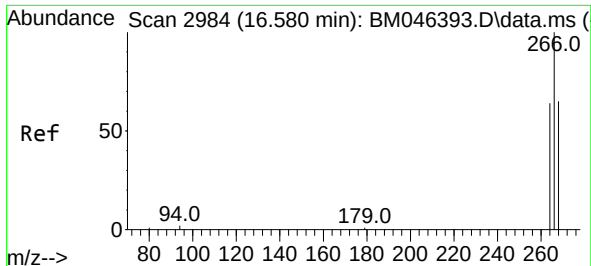
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.241 min Scan# 2683
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

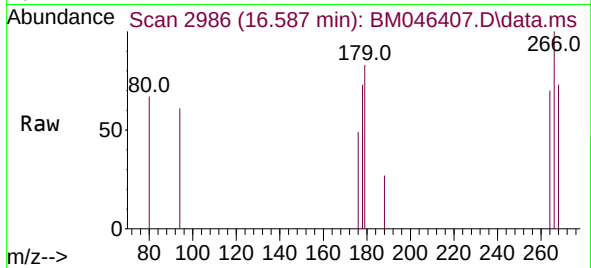
Tgt Ion:166 Resp: 12439
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 16.3 11.4 17.0





#14
Pentachlorophenol
Concen: 0.047 ng/ul
RT: 16.587 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

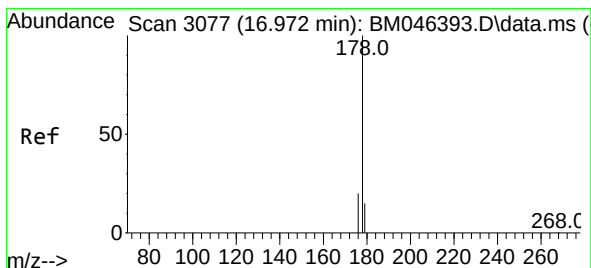
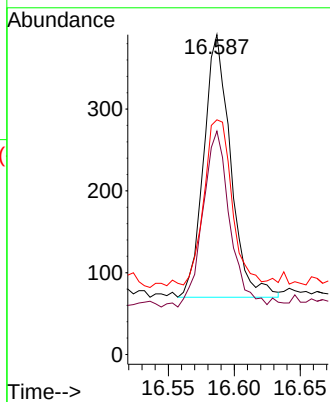
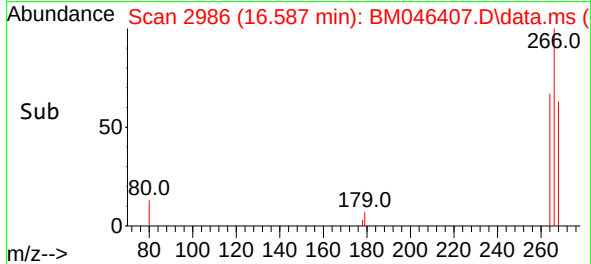
Instrument :
BNA_M
ClientSampleId :
A4CW6



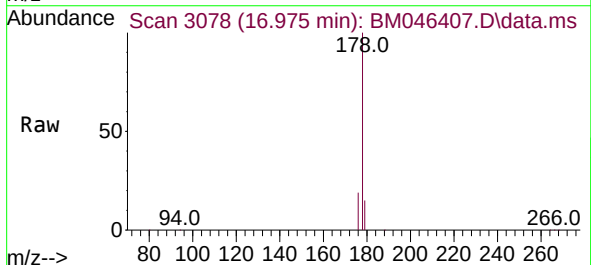
Tgt Ion:266 Resp: 451
Ion Ratio Lower Upper
266 100
264 68.0 51.0 76.6
268 69.3 50.8 76.2

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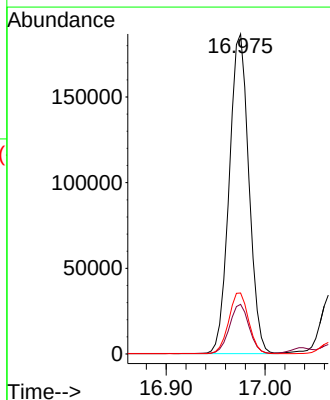
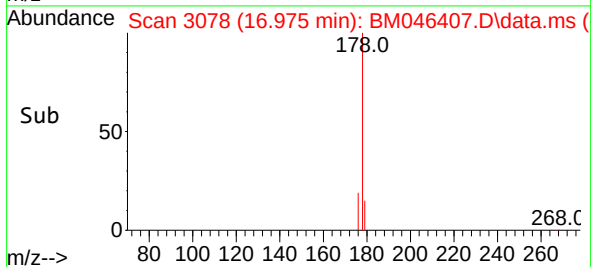
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

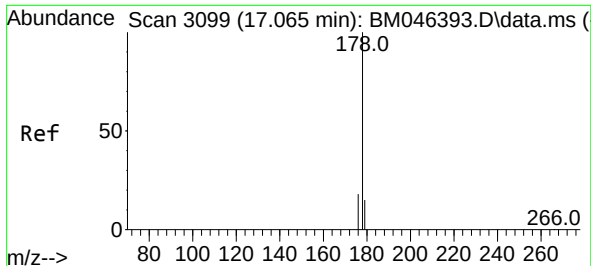


#15
Phenanthrene
Concen: 2.597 ng/ul
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16



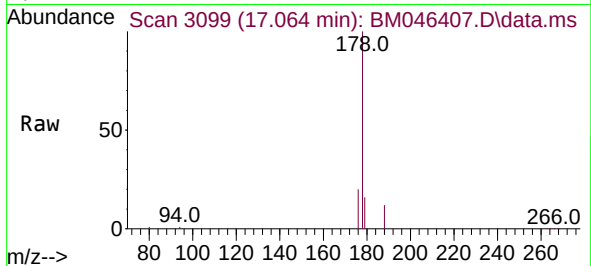
Tgt Ion:178 Resp: 257169
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.1 16.0 24.0





#16
 Anthracene
 Concen: 0.494 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046407.D
 Acq: 06 Jul 2024 07:16

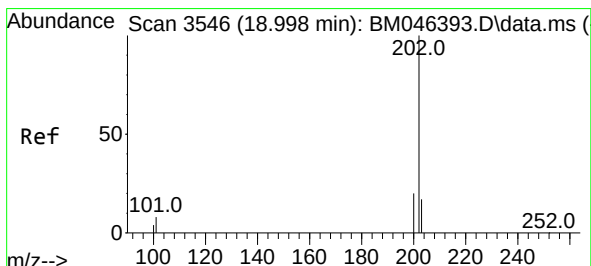
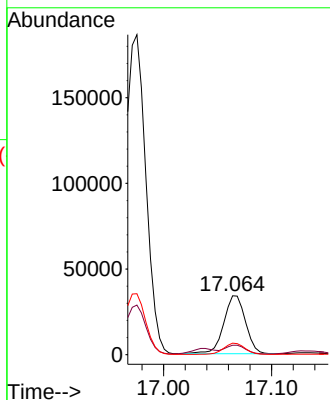
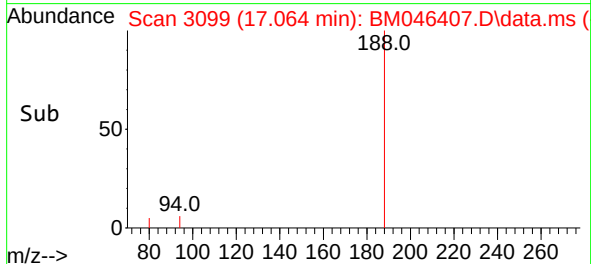
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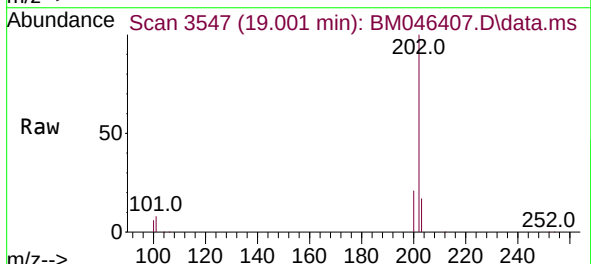
Tgt Ion:178 Resp: 47480
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.6 18.8
 176 19.7 14.9 22.3

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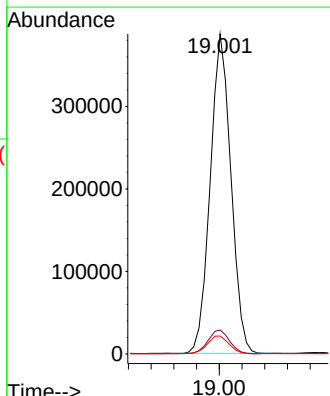
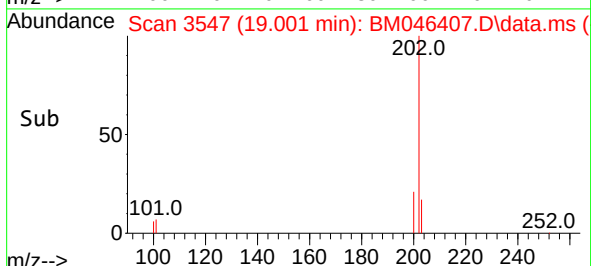
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

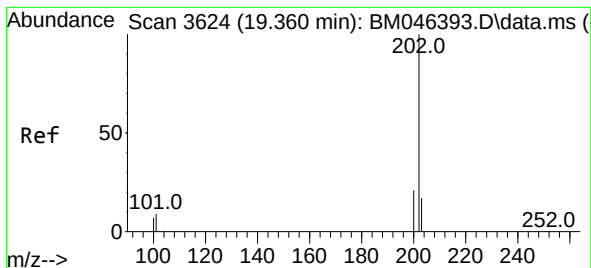


#19
 Fluoranthene
 Concen: 6.561 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046407.D
 Acq: 06 Jul 2024 07:16



Tgt Ion:202 Resp: 489560
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.3 9.5
 100 5.6 5.0 7.6





#20

Pyrene

Concen: 4.090 ng/u1

RT: 19.363 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

Instrument :

BNA_M

ClientSampleId :

A4CW6

Tgt Ion:202 Resp: 314000

Ion Ratio Lower Upper

202 100

101 8.9 8.2 12.4

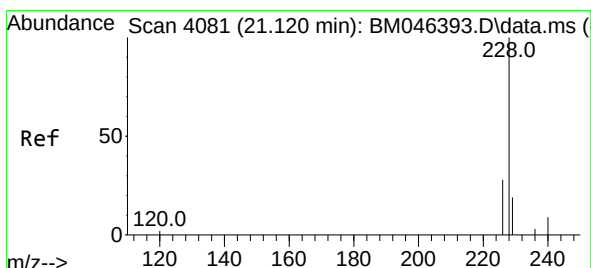
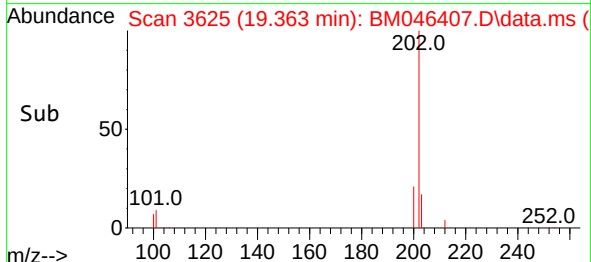
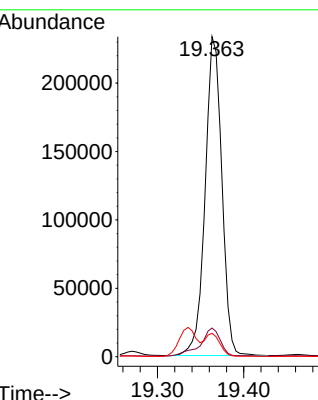
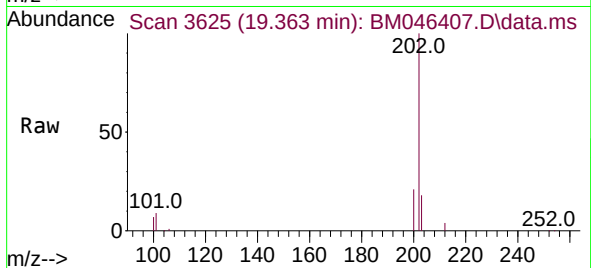
100 7.3 6.9 10.3

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 2.501 ng/u1

RT: 21.126 min Scan# 4083

Delta R.T. 0.000 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

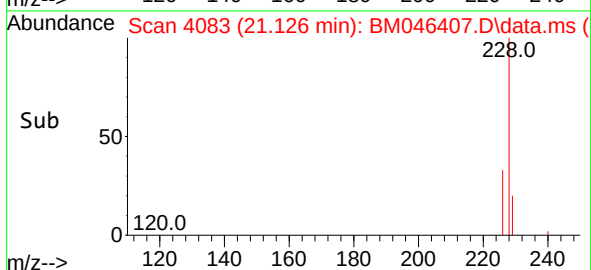
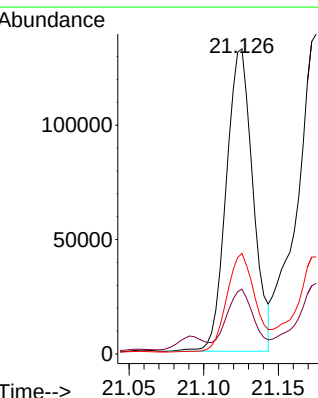
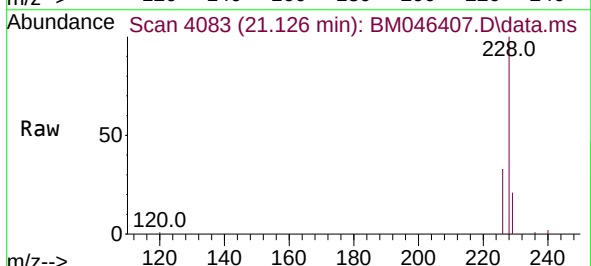
Tgt Ion:228 Resp: 164932

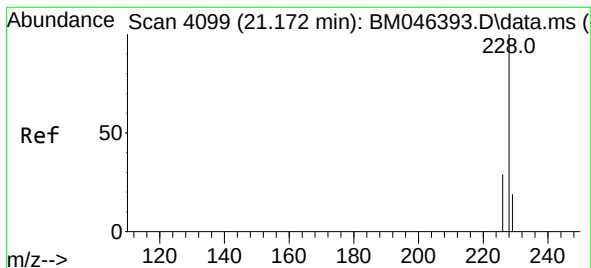
Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

226 33.0 22.0 33.0





#22

Chrysene

Concen: 3.098 ng/ul

RT: 21.175 min Scan# 4100

Delta R.T. -0.003 min

Lab File: BM046407.D

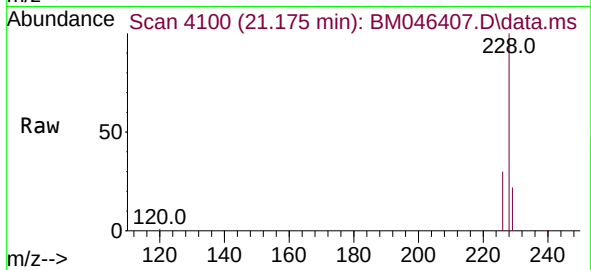
Acq: 06 Jul 2024 07:16

Instrument :

BNA_M

ClientSampleId :

A4CW6



Tgt Ion:228 Resp: 203140

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

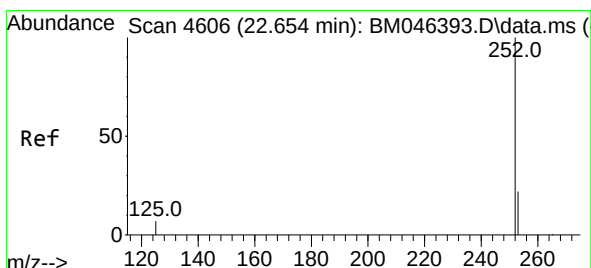
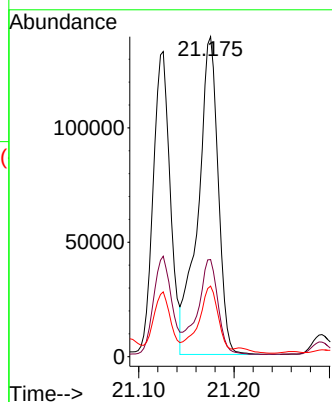
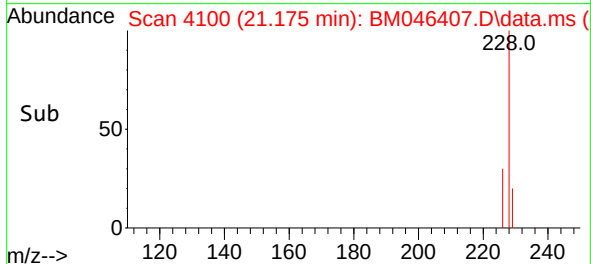
229 22.0 15.8 23.6

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Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 4.320 ng/ul m

RT: 22.660 min Scan# 4608

Delta R.T. -0.003 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

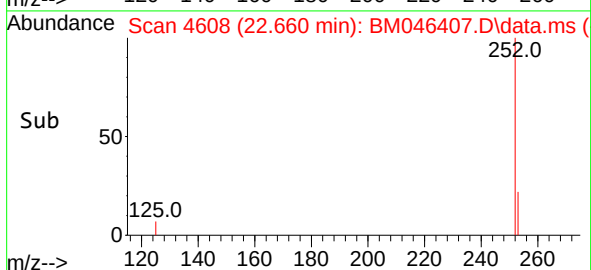
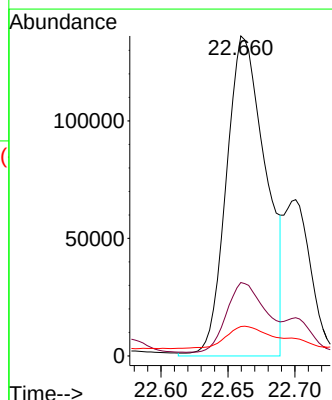
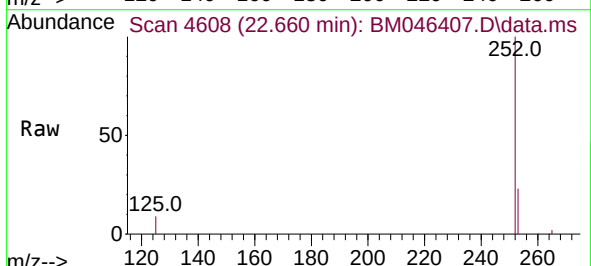
Tgt Ion:252 Resp: 278766

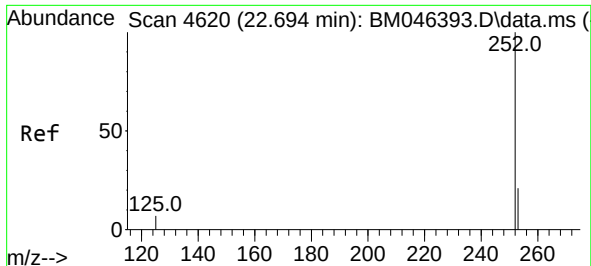
Ion Ratio Lower Upper

252 100

253 23.0 0.0 47.0

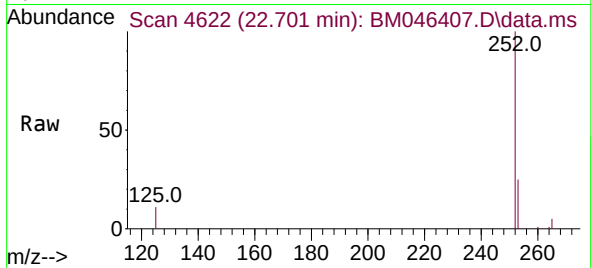
125 9.2 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 1.387 ng/ul m
RT: 22.701 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

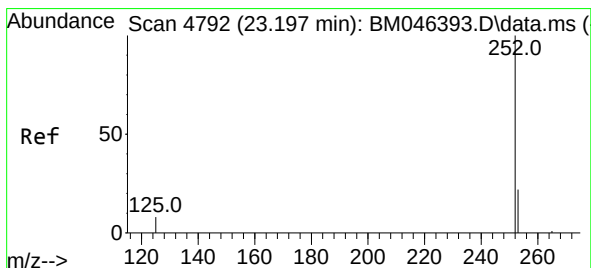
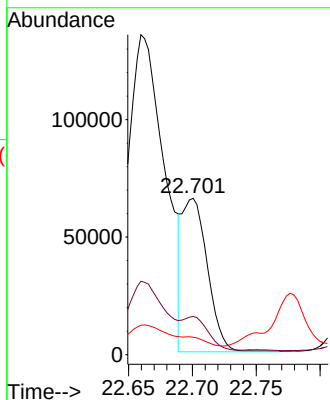
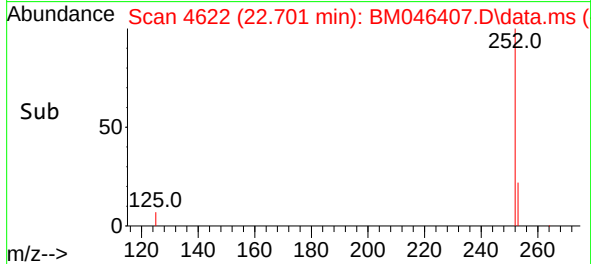
Instrument :
BNA_M
ClientSampleId :
A4CW6



Tgt Ion:252 Resp: 9033
Ion Ratio Lower Upper
252 100
253 24.5 18.4 27.6
125 11.2 7.5 11.3

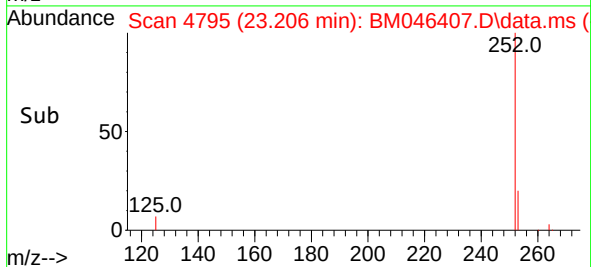
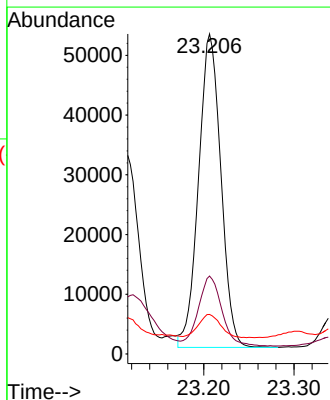
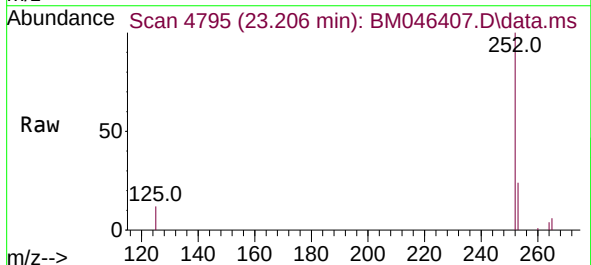
Manual Integrations
APPROVED

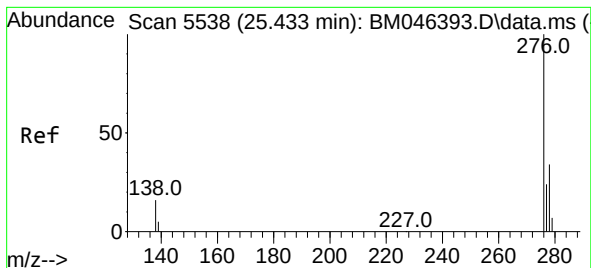
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 1.767 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Tgt Ion:252 Resp: 90113
Ion Ratio Lower Upper
252 100
253 24.3 18.9 28.3
125 12.3 8.1 12.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.483 ng/ul

RT: 25.447 min Scan# 5542

Delta R.T. 0.000 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

Instrument :

BNA_M

ClientSampleId :

A4CW6

Tgt Ion:276 Resp: 10214

Ion Ratio Lower Upper

276 100

138 15.7 15.7 23.5

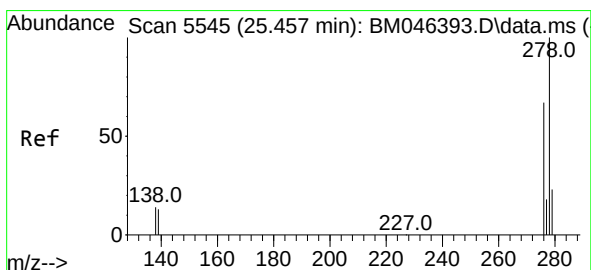
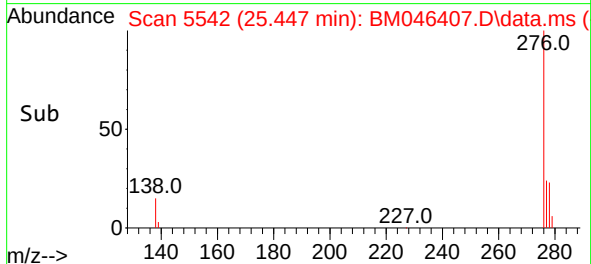
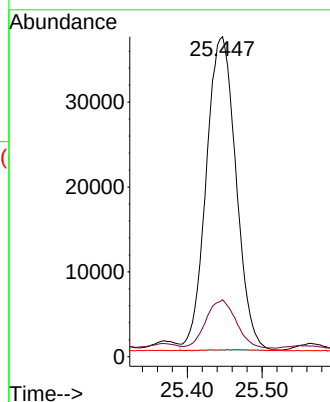
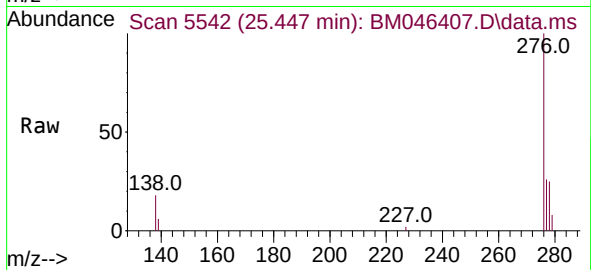
227 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.614 ng/ul

RT: 25.461 min Scan# 5546

Delta R.T. -0.013 min

Lab File: BM046407.D

Acq: 06 Jul 2024 07:16

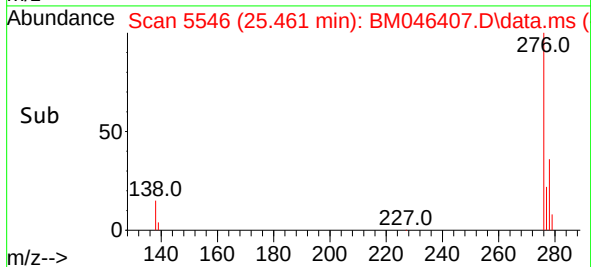
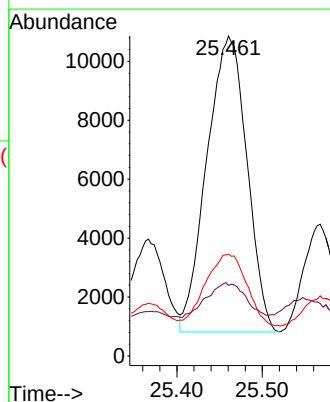
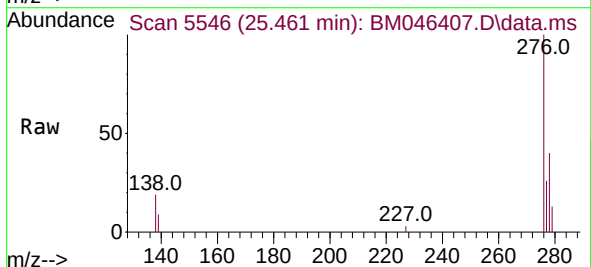
Tgt Ion:278 Resp: 32706

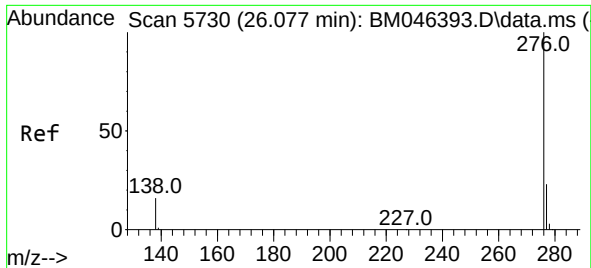
Ion Ratio Lower Upper

278 100

139 22.0 12.6 18.8#

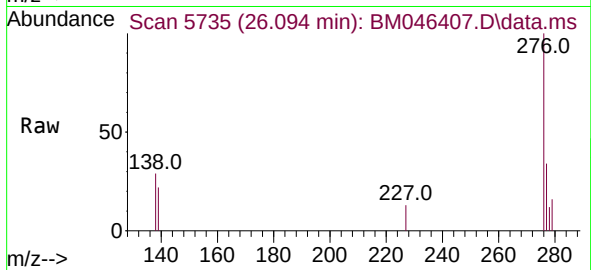
279 31.8 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.293 ng/ul
RT: 26.094 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046407.D
Acq: 06 Jul 2024 07:16

Instrument :
BNA_M
ClientSampleId :
A4CW6



Tgt Ion: 276 Resp: 1612
Ion Ratio Lower Upper
276 100
138 29.1 15.4 23.0
277 33.6 19.7 29.5

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/08/2024
Supervised By : mohammad ahmed 07/08/2024

