

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046406.D
 Acq On : 06 Jul 2024 06:39
 Operator : MA/JU
 Sample : P3010-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW3

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 00:46:30 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	10056	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	28656	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	15915	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	29969	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	14716	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	15245	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	22923	2.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	8951	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	13187	0.256	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.347	128	3607	0.047	ng/ul#	90
7) 2-Methylnaphthalene	11.975	142	1457	0.028	ng/ul	98
10) Acenaphthylene	13.899	152	10464	0.130	ng/ul	97
11) Acenaphthene	14.242	153	2670	0.051	ng/ul	96
12) Fluorene	15.241	166	3758	0.060	ng/ul#	95
15) Phenanthrene	16.975	178	69196	0.771	ng/ul	99
16) Anthracene	17.064	178	14128	0.162	ng/ul	96
19) Fluoranthene	19.001	202	146215	1.966	ng/ul	99
20) Pyrene	19.363	202	115958	1.515	ng/ul	97
21) Benzo(a)anthracene	21.123	228	48241m	0.734	ng/ul	
22) Chrysene	21.172	228	60099	0.919	ng/ul	95
24) Benzo(b)fluoranthene	22.660	252	88304m	1.362	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	26938m	0.412	ng/ul	
26) Benzo(a)pyrene	23.204	252	49049	0.957	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.441	276	45058	0.651	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.454	278	10254	0.192	ng/ul#	53
29) Benzo(g,h,i)perylene	26.088	276	44885	0.813	ng/ul	96

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

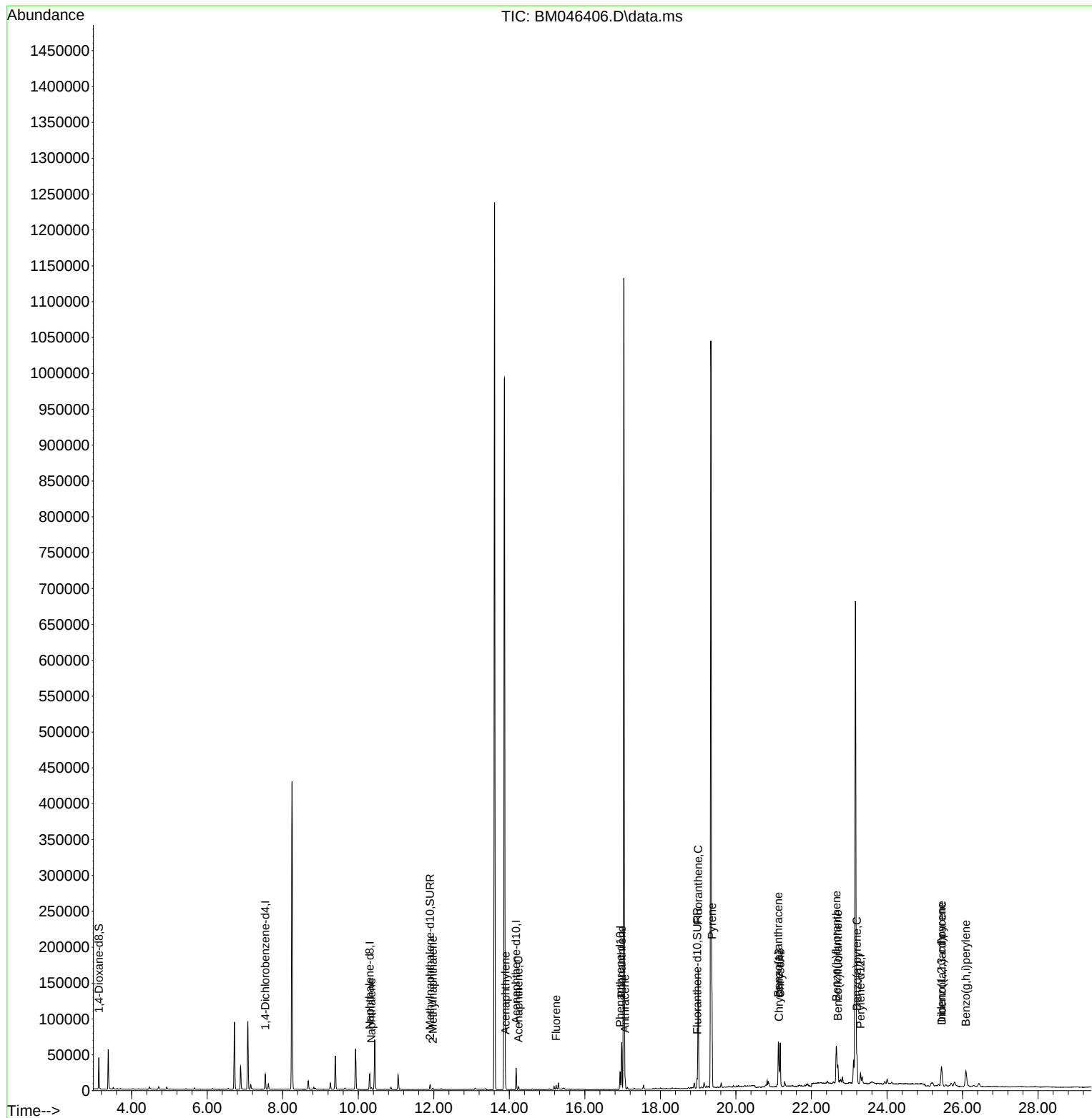
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046406.D
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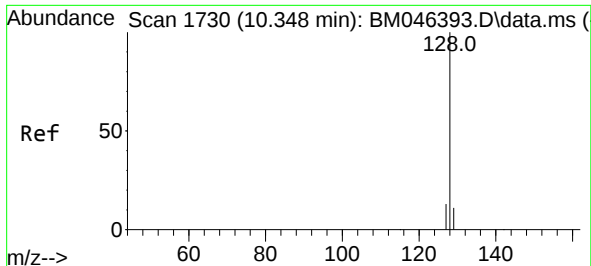
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
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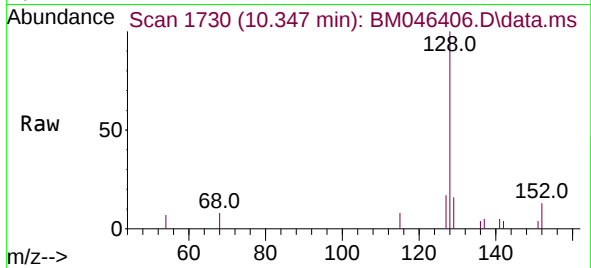
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.347 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

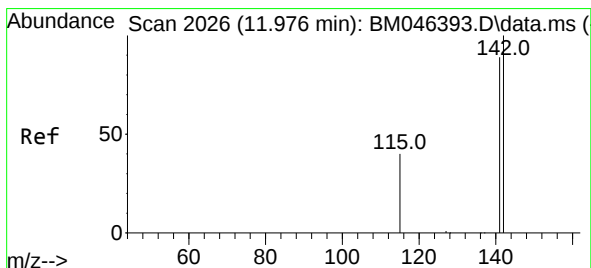
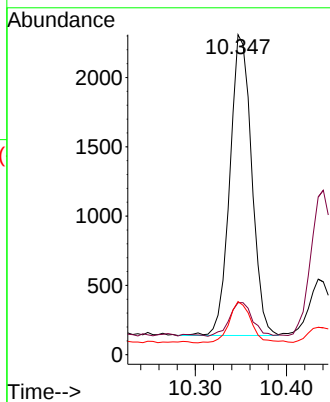
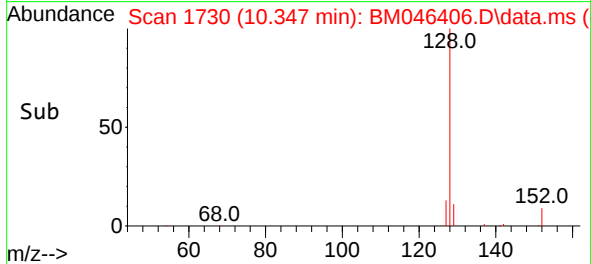
Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:128 Resp: 360
Ion Ratio Lower Upper
128 100
129 16.3 9.4 14.0
127 16.6 10.8 16.2

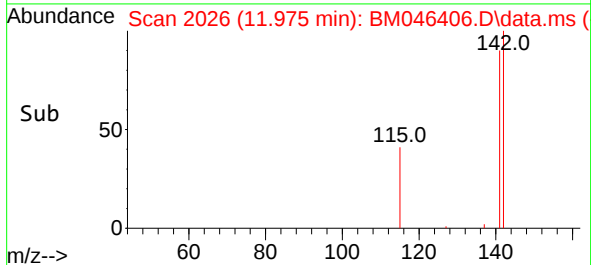
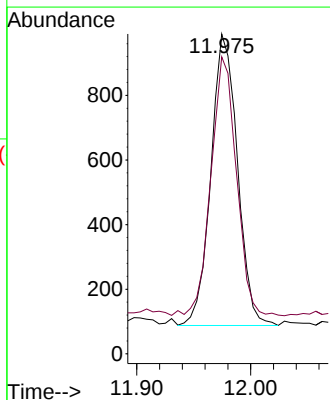
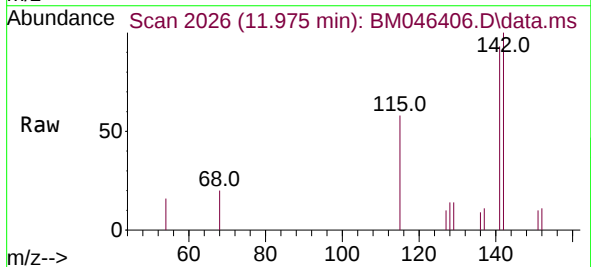
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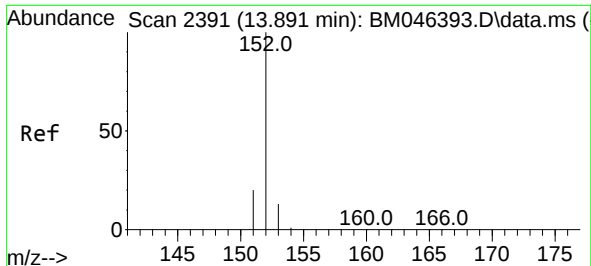
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

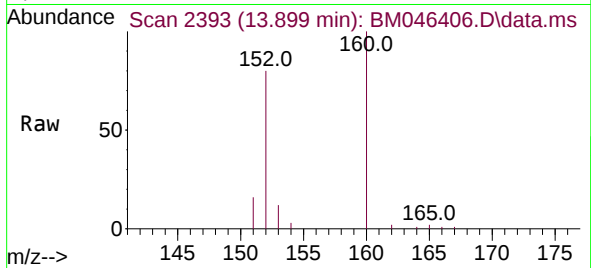
Tgt Ion:142 Resp: 1457
Ion Ratio Lower Upper
142 100
141 85.4 69.8 104.6





#10
Acenaphthylene
Concen: 0.130 ng/u1
RT: 13.899 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

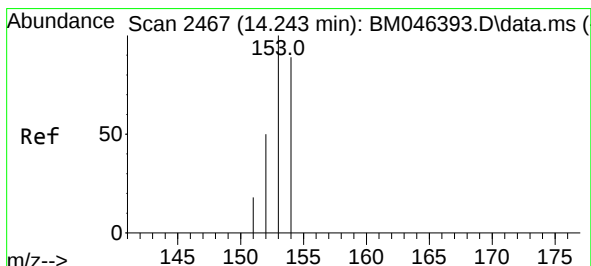
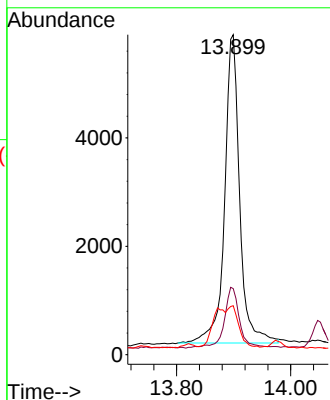
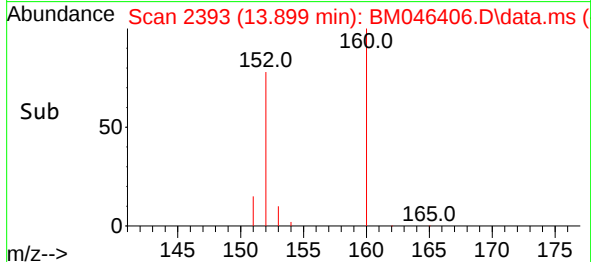
Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:152 Resp: 1046
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 15.3 11.0 16.6

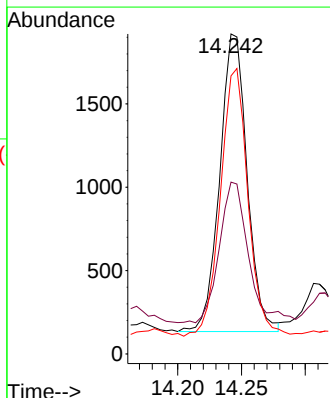
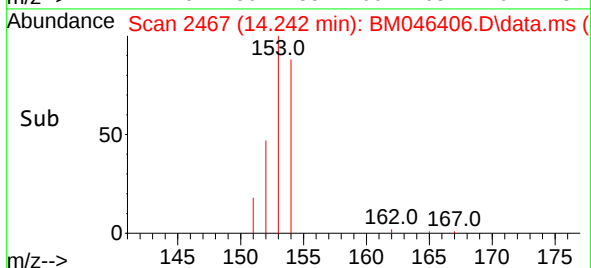
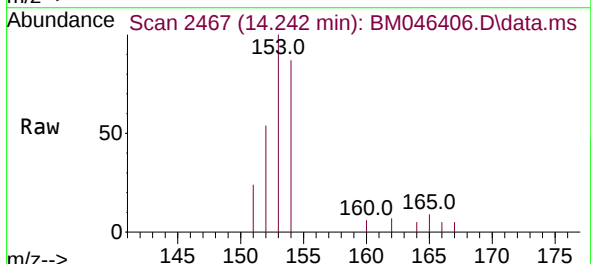
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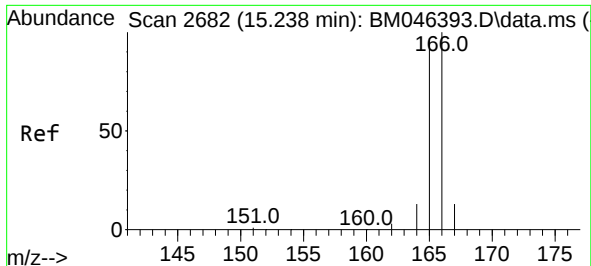
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

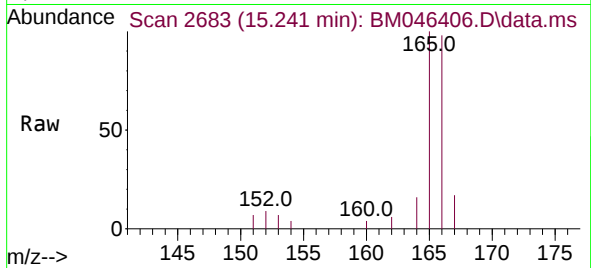
Tgt Ion:153 Resp: 2670
Ion Ratio Lower Upper
153 100
152 53.7 40.4 60.6
154 86.9 72.1 108.1





#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.241 min Scan# 2683
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

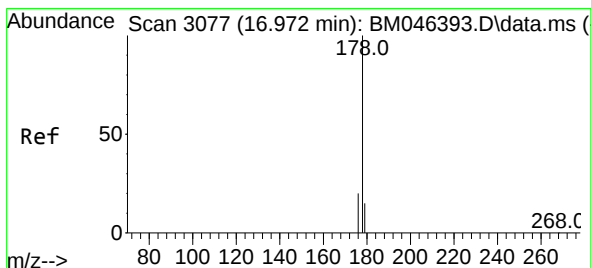
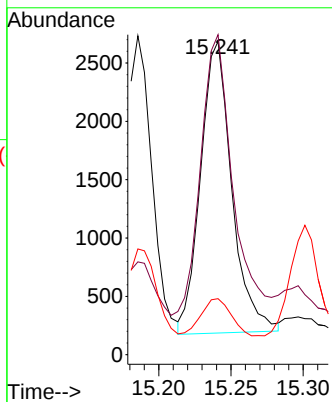
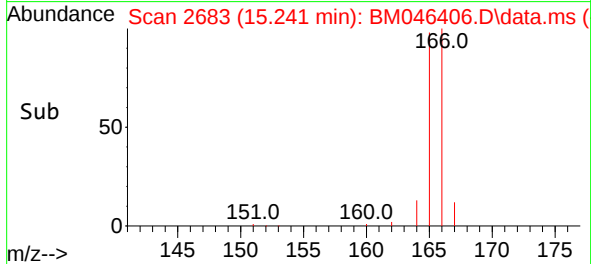
Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:166 Resp: 375
Ion Ratio Lower Upper
166 100
165 102.2 78.0 117.0
167 17.9 11.4 17.0

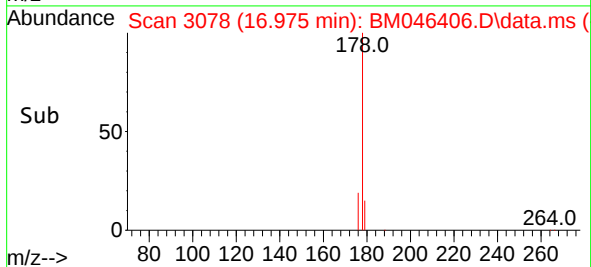
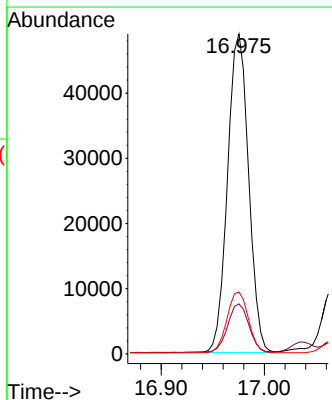
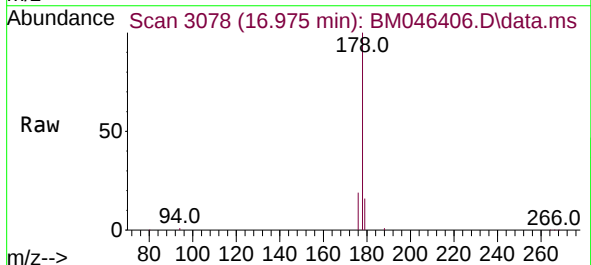
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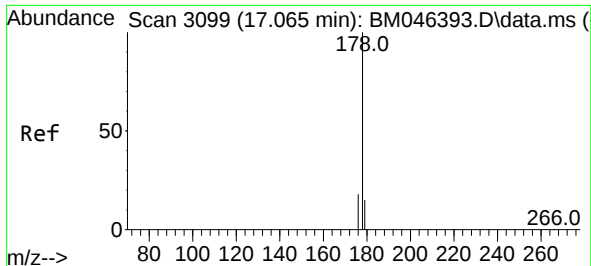
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.771 ng/ul
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

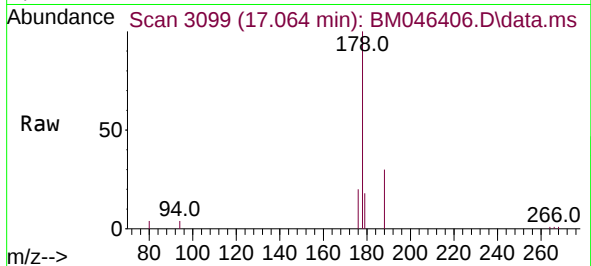
Tgt Ion:178 Resp: 69196
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.162 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39

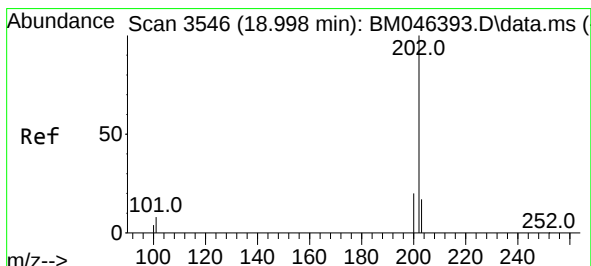
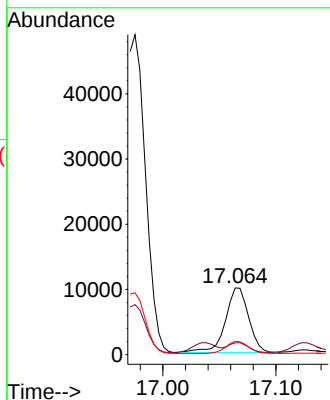
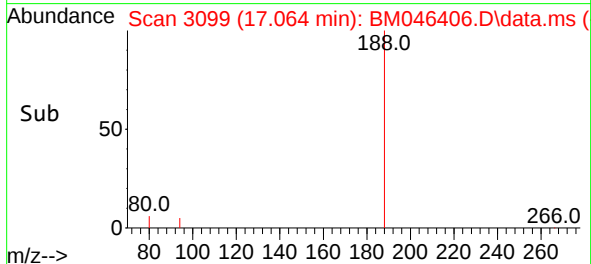
Instrument :
 BNA_M
 ClientSampleId :
 A4CW3



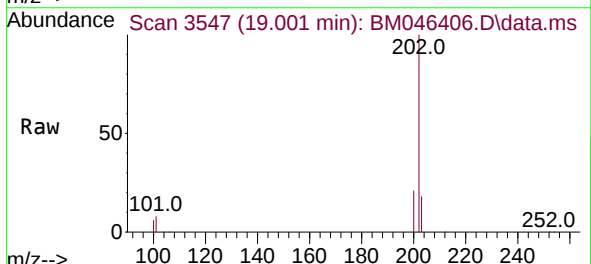
Tgt Ion:178 Resp: 14128
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.6 18.8
 176 20.2 14.9 22.3

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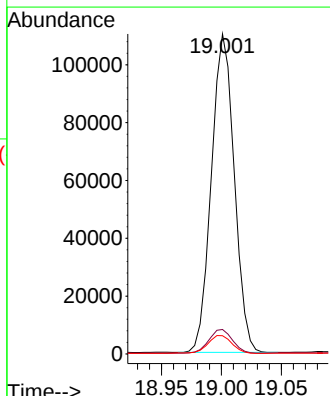
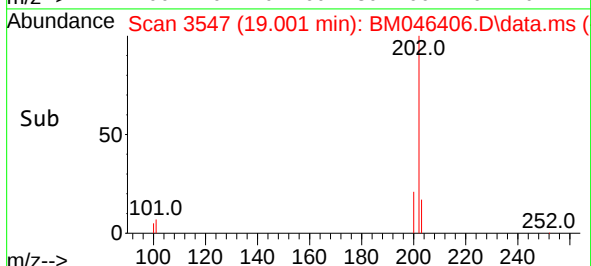
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

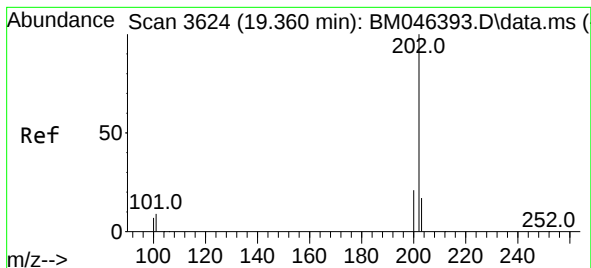


#19
 Fluoranthene
 Concen: 1.966 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BM046406.D
 Acq: 06 Jul 2024 06:39



Tgt Ion:202 Resp: 146215
 Ion Ratio Lower Upper
 202 100
 101 7.7 6.3 9.5
 100 5.7 5.0 7.6





#20

Pyrene

Concen: 1.515 ng/ul

RT: 19.363 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

Instrument :

BNA_M

ClientSampleId :

A4CW3

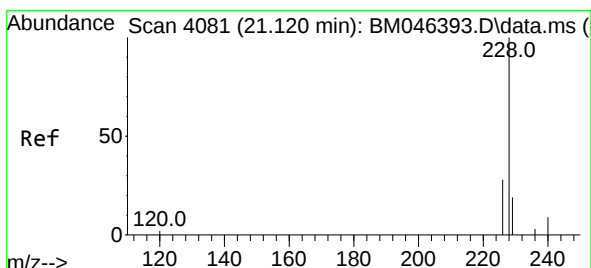
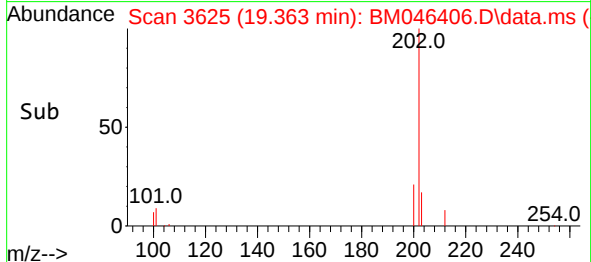
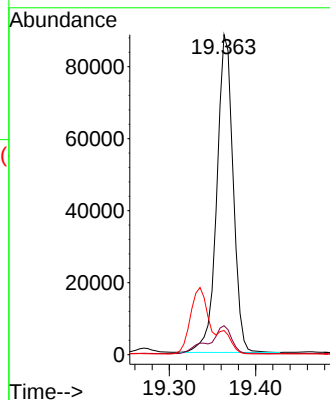
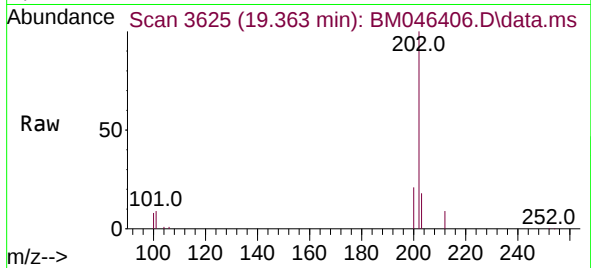
Tgt Ion:202 Resp: 115958
Ion Ratio Lower Upper
202 100
101 9.0 8.2 12.4
100 7.6 6.9 10.3

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Supervised By :mohammad ahmed 07/08/2024



#21

Benzo(a)anthracene

Concen: 0.734 ng/ul m

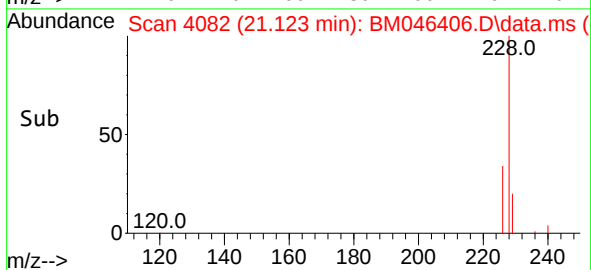
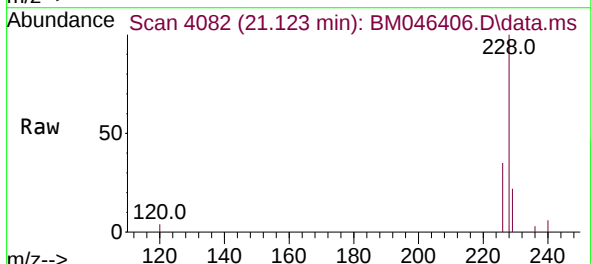
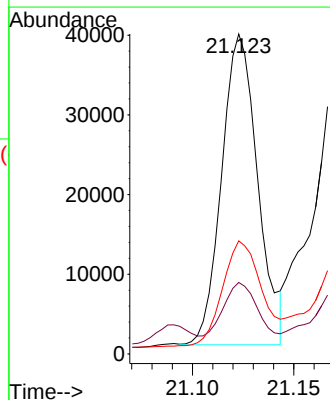
RT: 21.123 min Scan# 4082

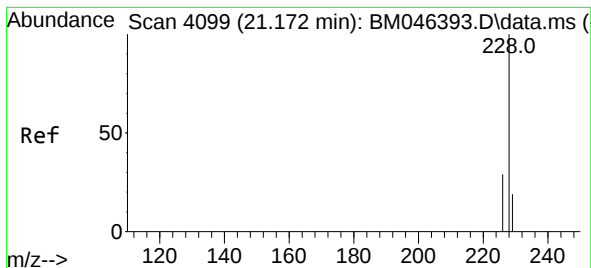
Delta R.T. -0.003 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

Tgt Ion:228 Resp: 48241
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 35.3 22.0 33.0#





#22

Chrysene

Concen: 0.919 ng/ul

RT: 21.172 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM046406.D

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ClientSampleId :

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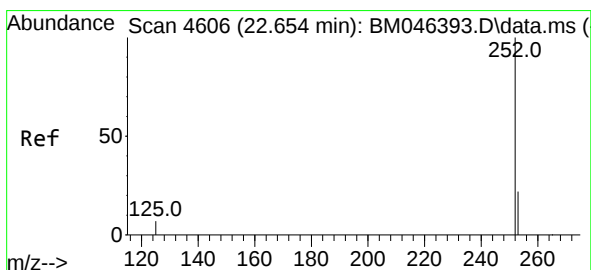
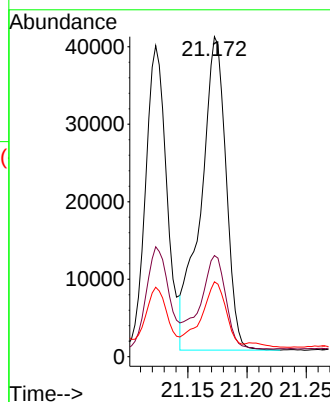
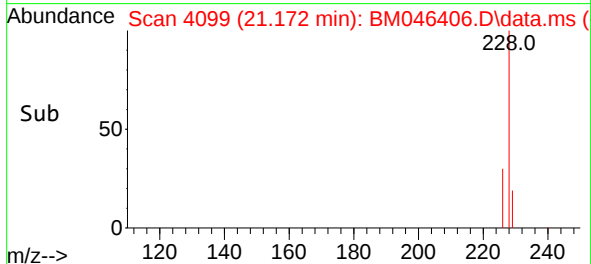
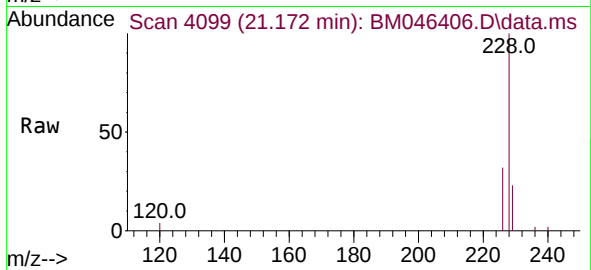
Tgt Ion:	228	Resp:	60099
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.1	36.1
229	23.4	15.8	23.6

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Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 1.362 ng/ul m

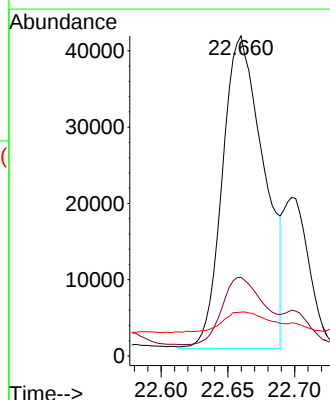
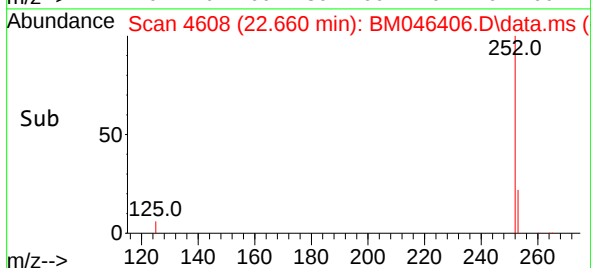
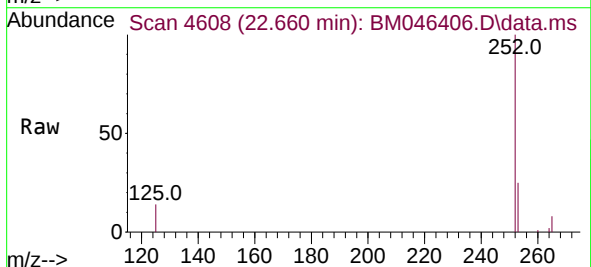
RT: 22.660 min Scan# 4608

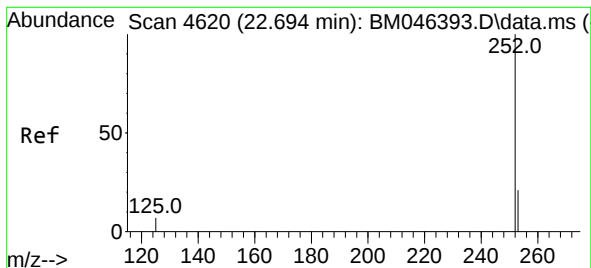
Delta R.T. -0.003 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

Tgt Ion:	252	Resp:	88304
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	47.0
125	13.7	0.0	18.4





#25

Benzo(k)fluoranthene

Concen: 0.412 ng/ul m

RT: 22.698 min Scan# 4621

Delta R.T. -0.009 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

Instrument :

BNA_M

ClientSampleId :

A4CW3

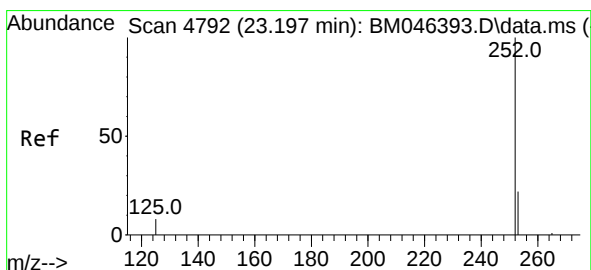
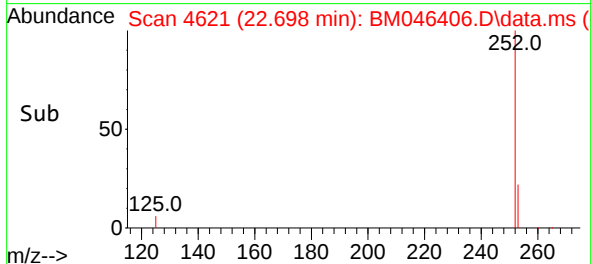
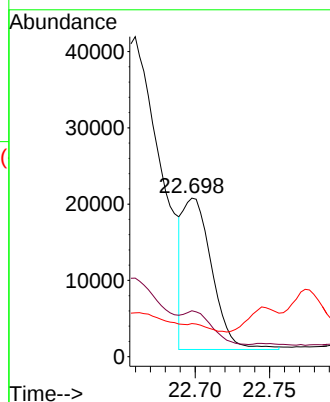
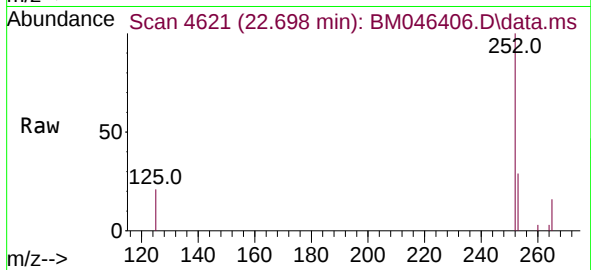
Tgt Ion:	252	Resp:	26938
Ion Ratio	Lower	Upper	
252	100		
253	29.0	18.4	27.6
125	20.9	7.5	11.3

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#26

Benzo(a)pyrene

Concen: 0.957 ng/ul

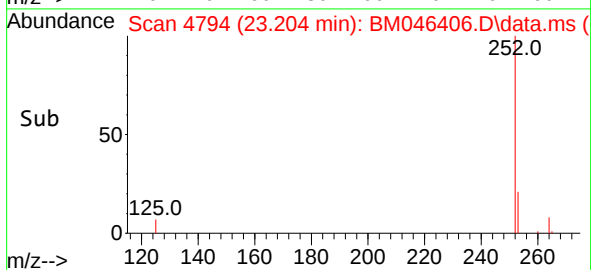
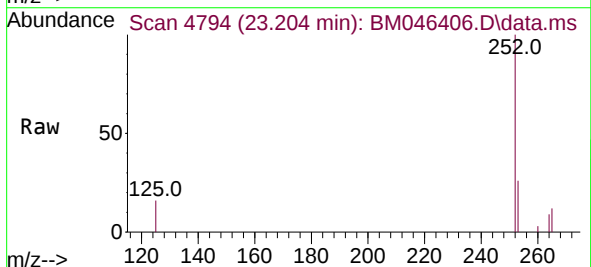
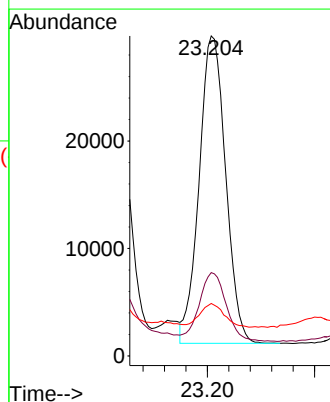
RT: 23.204 min Scan# 4794

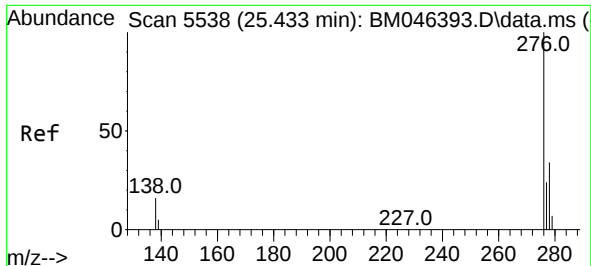
Delta R.T. -0.006 min

Lab File: BM046406.D

Acq: 06 Jul 2024 06:39

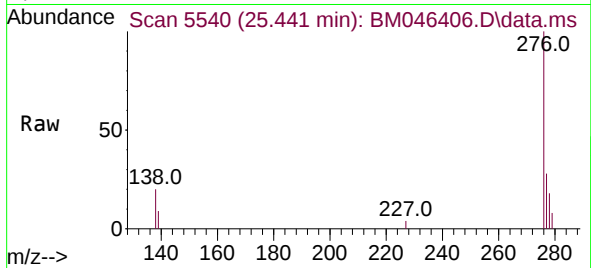
Tgt Ion:	252	Resp:	49049
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.9	28.3
125	16.4	8.1	12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.651 ng/ul
RT: 25.441 min Scan# 5540
Delta R.T. -0.007 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

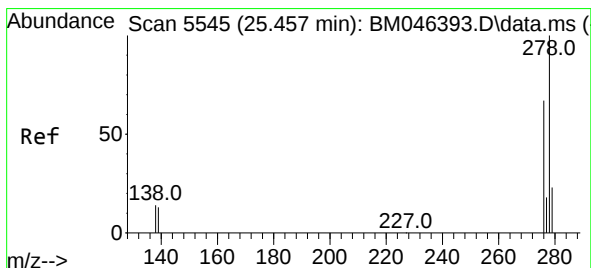
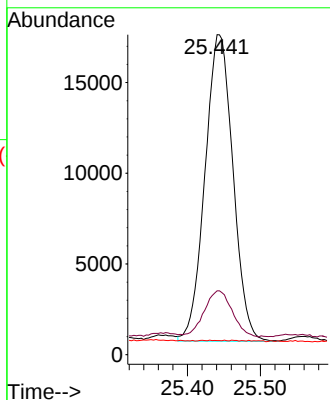
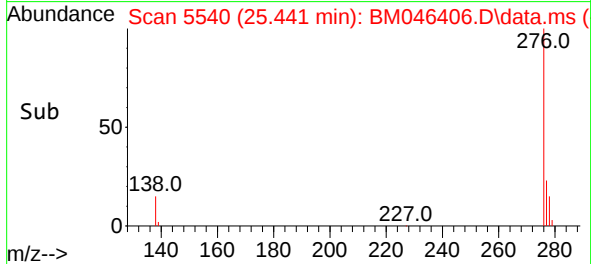
Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:276 Resp: 45058
Ion Ratio Lower Upper
276 100
138 15.2 15.7 23.5#
227 0.0 0.1 0.1#

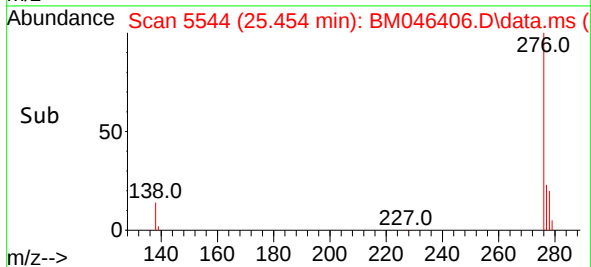
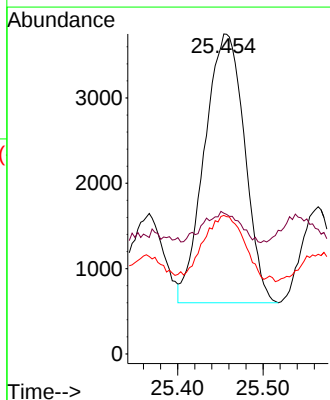
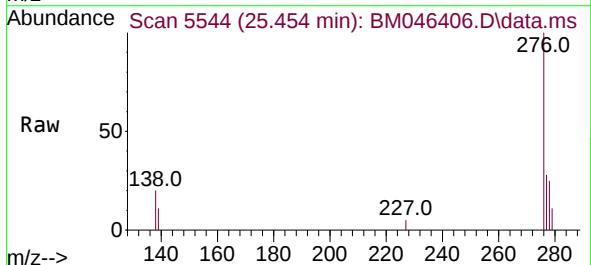
Manual Integrations
APPROVED

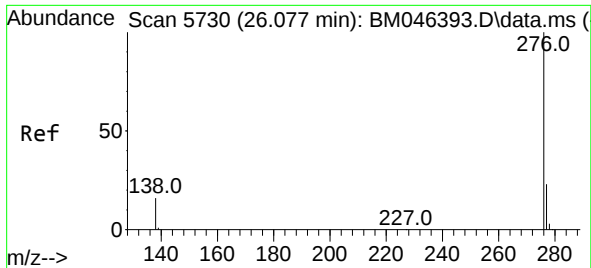
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 25.454 min Scan# 5544
Delta R.T. -0.020 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

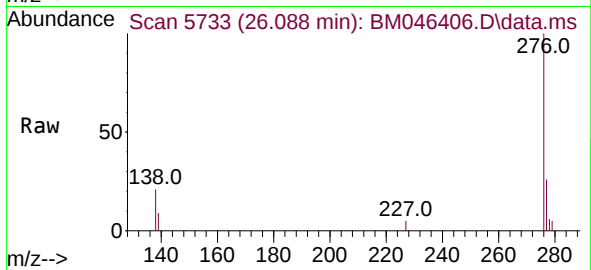
Tgt Ion:278 Resp: 10254
Ion Ratio Lower Upper
278 100
139 44.0 12.6 18.8#
279 43.3 20.7 31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.813 ng/ul
RT: 26.088 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM046406.D
Acq: 06 Jul 2024 06:39

Instrument :
BNA_M
ClientSampleId :
A4CW3



Tgt Ion:276 Resp: 4488
Ion Ratio Lower Upper
276 100
138 21.4 15.4 23.0
277 26.5 19.7 29.5

Manual Integrations
APPROVED

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

