

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046402.D
 Acq On : 06 Jul 2024 04:13
 Operator : MA/JU
 Sample : P3010-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG2

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 04:42:10 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	7.535	152	8833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	25123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	14431	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	27402	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	11868	0.400	ng/ul	# 0.00
23) Perylene-d12	23.300	264	16491	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	26429	2.897	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	9473	0.255	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	14069	0.338	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.347	128	57669	0.865	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	25750	0.571	ng/ul	99
8) 1-Methylnaphthalene	12.194	142	16253	0.350	ng/ul	98
10) Acenaphthylene	13.895	152	257901	3.521	ng/ul	99
11) Acenaphthene	14.242	153	25034	0.524	ng/ul	98
12) Fluorene	15.236	166	52353	0.929	ng/ul	98
14) Pentachlorophenol	16.583	266	1074	0.134	ng/ul	99
15) Phenanthrene	16.971	178	968574	11.803	ng/ul	99
16) Anthracene	17.064	178	384514	4.831	ng/ul	99
19) Fluoranthene	19.001	202	2503026	41.725	ng/ul	99
20) Pyrene	19.363	202	1728617	28.005	ng/ul	96
21) Benzo(a)anthracene	21.123	228	1134332m	21.392	ng/ul	
22) Chrysene	21.175	228	1093408	20.739	ng/ul	97
24) Benzo(b)fluoranthene	22.666	252	1327994m	18.942	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	456595m	6.452	ng/ul	
26) Benzo(a)pyrene	23.209	252	486654	8.782	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.454	276	470170	6.280	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.464	278	172403	2.977	ng/ul	98
29) Benzo(g,h,i)perylene	26.101	276	69689	1.168	ng/ul#	91

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

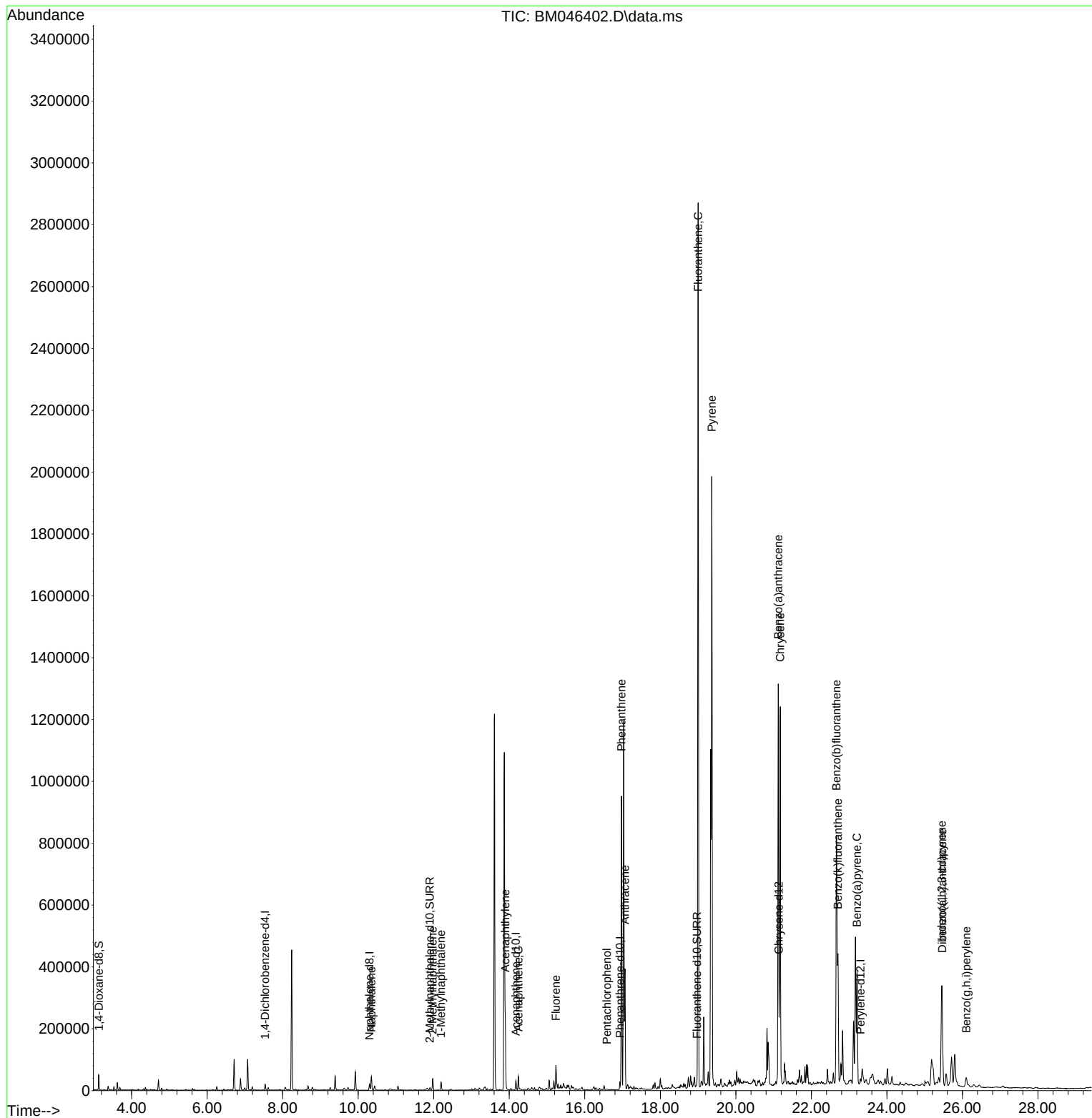
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046402.D
Acq On : 06 Jul 2024 04:13
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

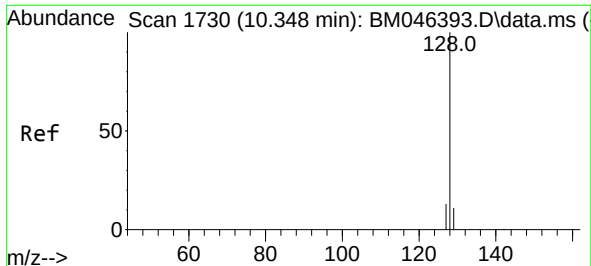
Instrument :
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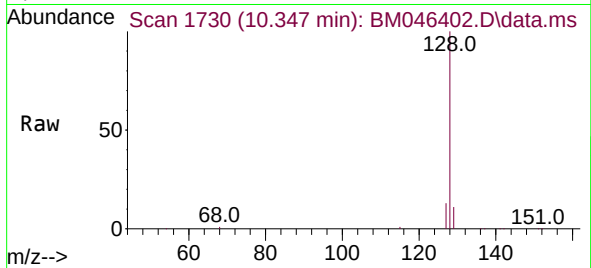
Quant Time: Jul 06 04:42:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.865 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

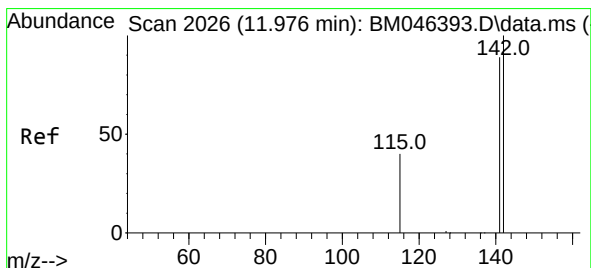
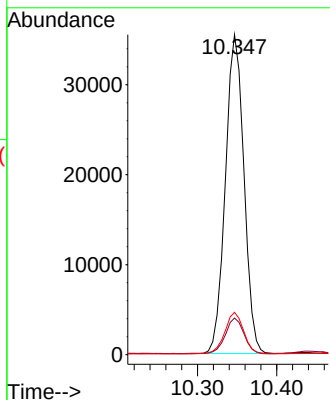
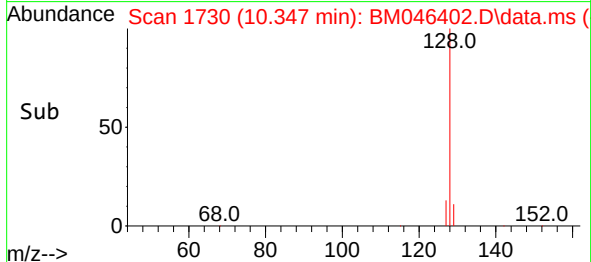
Instrument :
BNA_M
ClientSampleId :
A4CG2



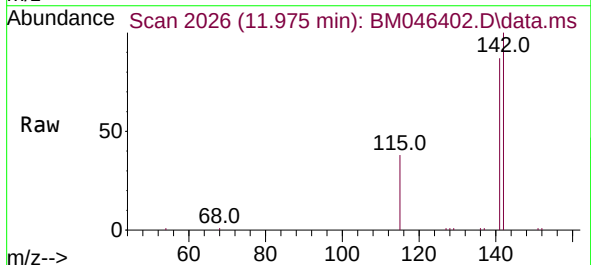
Tgt Ion:128 Resp: 5766
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.2 10.8 16.2

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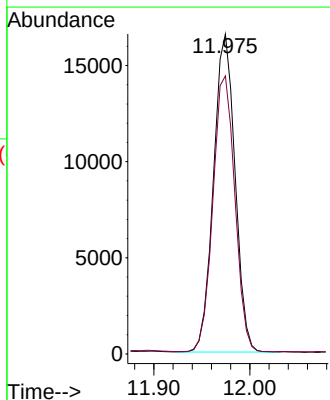
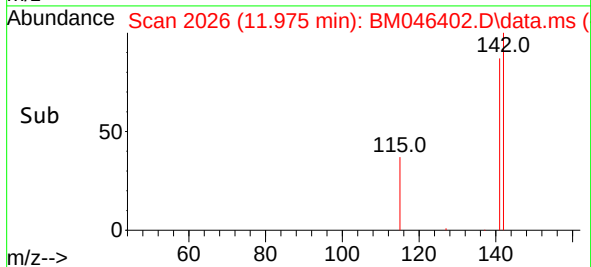
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

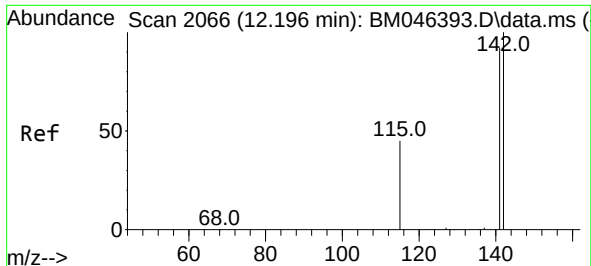


#7
2-Methylnaphthalene
Concen: 0.571 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13



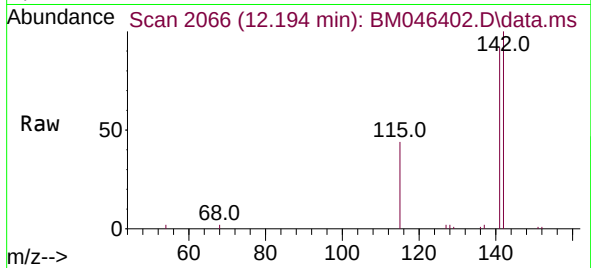
Tgt Ion:142 Resp: 25750
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.194 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

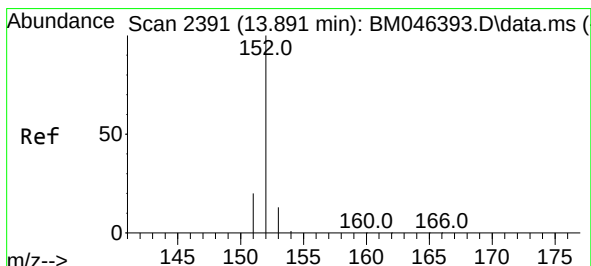
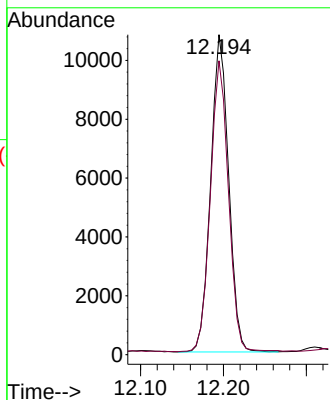
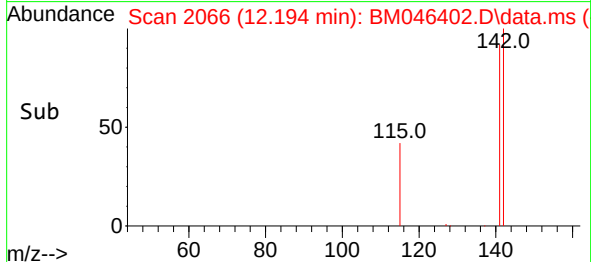
Instrument :
BNA_M
ClientSampleId :
A4CG2



Tgt Ion:142 Resp: 1625
Ion Ratio Lower Upper
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141 92.3 72.4 108.6

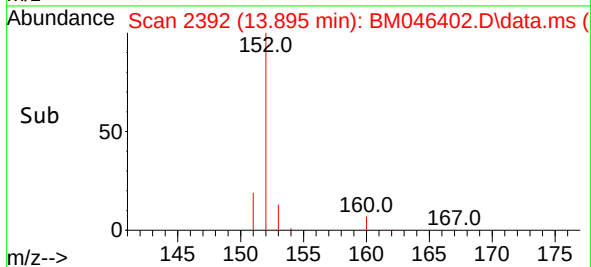
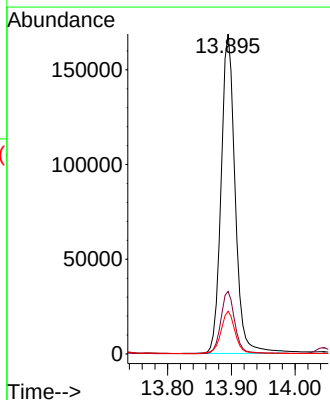
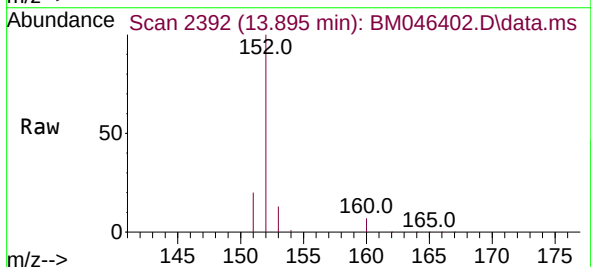
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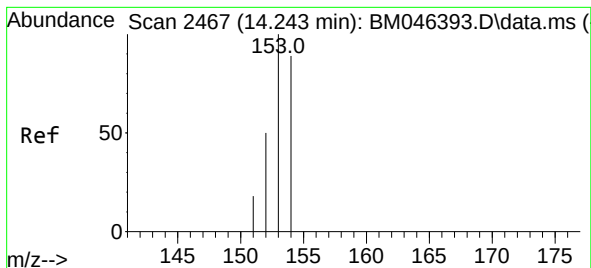
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 3.521 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

Tgt Ion:152 Resp: 257901
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.3 11.0 16.6





#11

Acenaphthene

Concen: 0.524 ng/ul

RT: 14.242 min Scan# 2467

Delta R.T. -0.005 min

Lab File: BM046402.D

Acq: 06 Jul 2024 04:13

Instrument :

BNA_M

ClientSampleId :

A4CG2

Tgt Ion:153 Resp: 25034

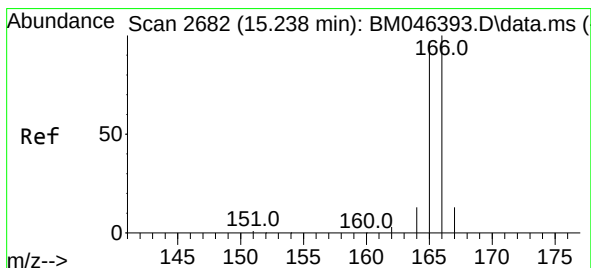
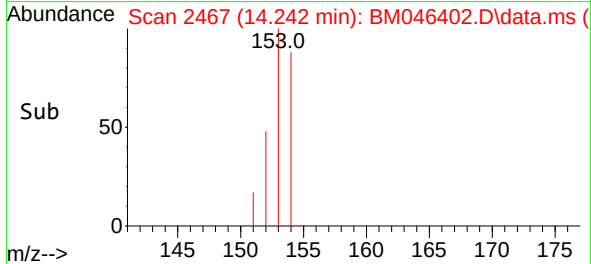
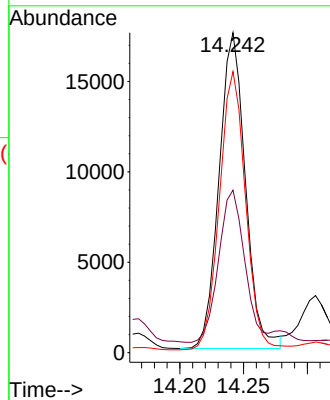
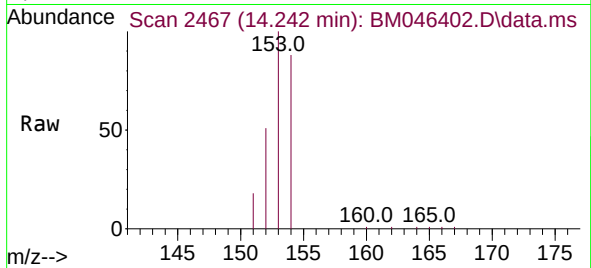
Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.4	60.6
154	87.8	72.1	108.1

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Supervised By :mohammad ahmed 07/08/2024



#12

Fluorene

Concen: 0.929 ng/ul

RT: 15.236 min Scan# 2682

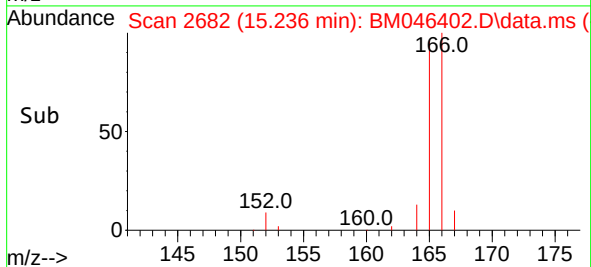
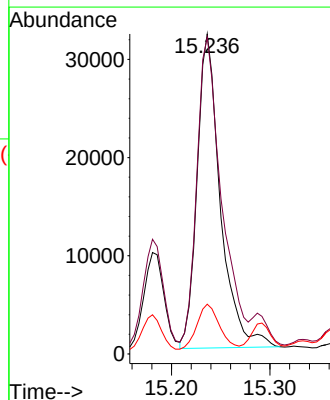
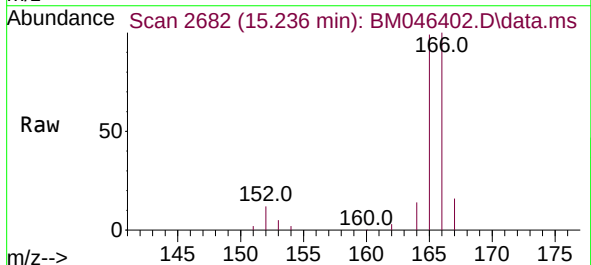
Delta R.T. -0.005 min

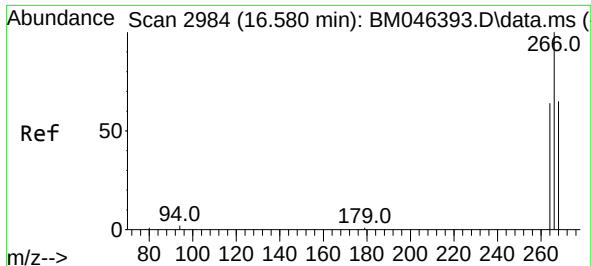
Lab File: BM046402.D

Acq: 06 Jul 2024 04:13

Tgt Ion:166 Resp: 52353

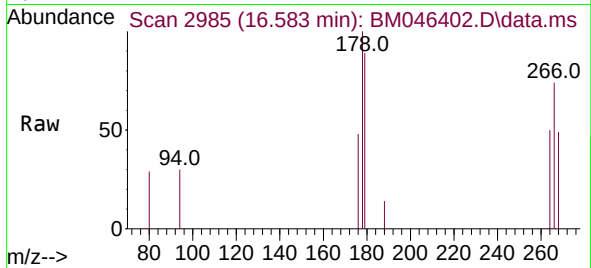
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.0	117.0
167	15.5	11.4	17.0





#14
Pentachlorophenol
Concen: 0.134 ng/ul
RT: 16.583 min Scan# 2984
Delta R.T. -0.004 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

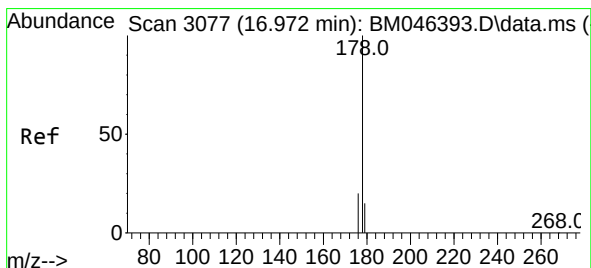
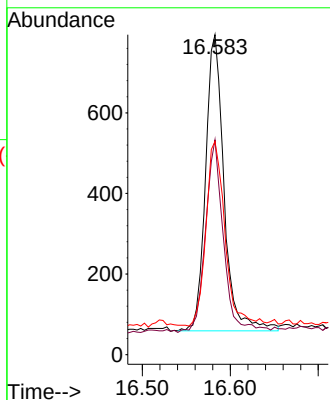
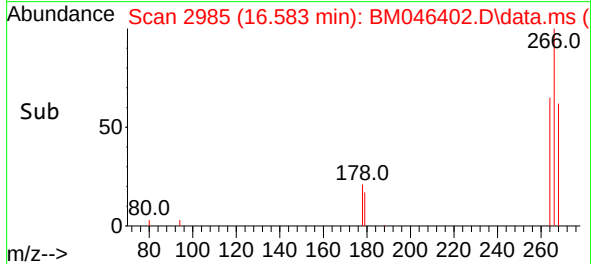
Instrument :
BNA_M
ClientSampleId :
A4CG2



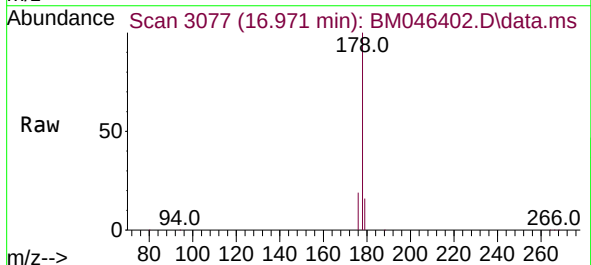
Tgt Ion:266 Resp: 1074
Ion Ratio Lower Upper
266 100
264 63.4 51.0 76.6
268 64.1 50.8 76.2

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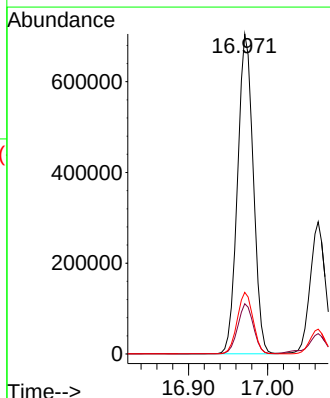
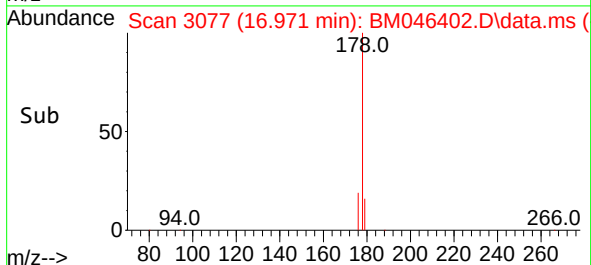
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

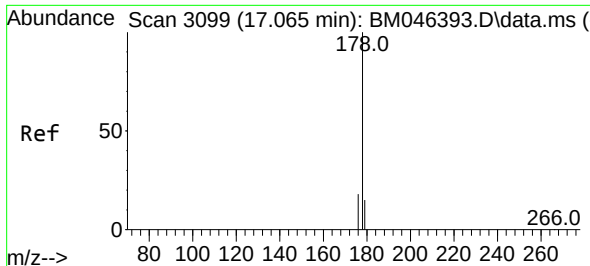


#15
Phenanthrene
Concen: 11.803 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13



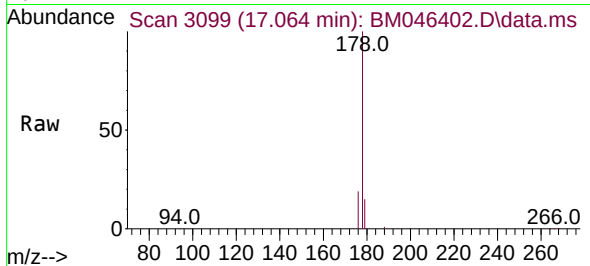
Tgt Ion:178 Resp: 968574
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.2 16.0 24.0





#16
 Anthracene
 Concen: 4.831 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046402.D
 Acq: 06 Jul 2024 04:13

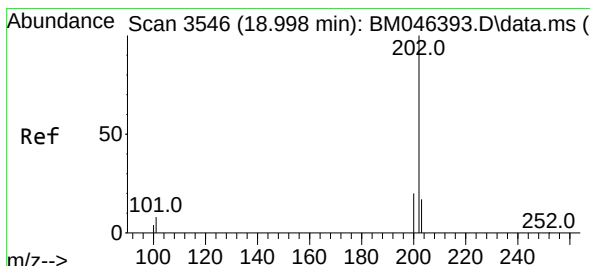
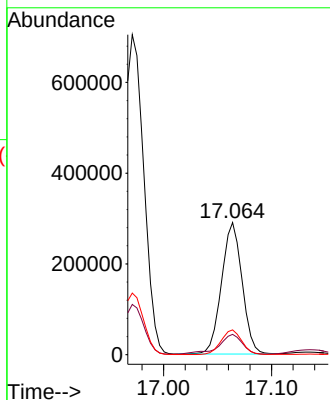
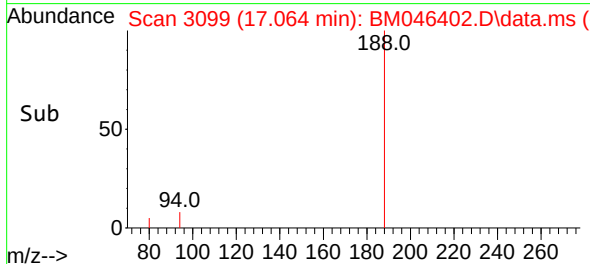
Instrument :
 BNA_M
 ClientSampleId :
 A4CG2



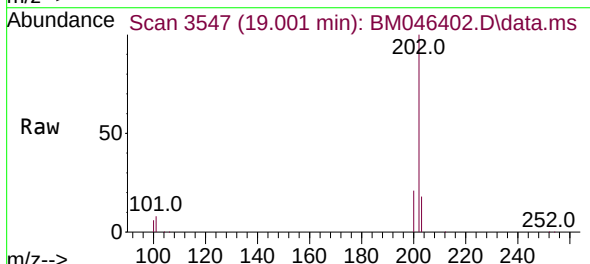
Tgt Ion:178 Resp: 384514
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 18.8 14.9 22.3

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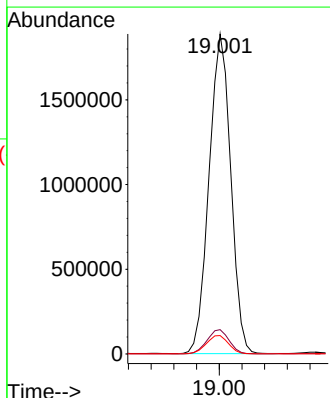
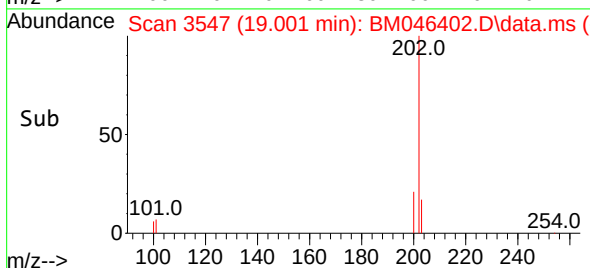
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

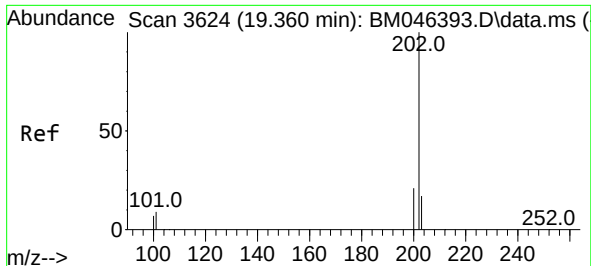


#19
 Fluoranthene
 Concen: 41.725 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046402.D
 Acq: 06 Jul 2024 04:13



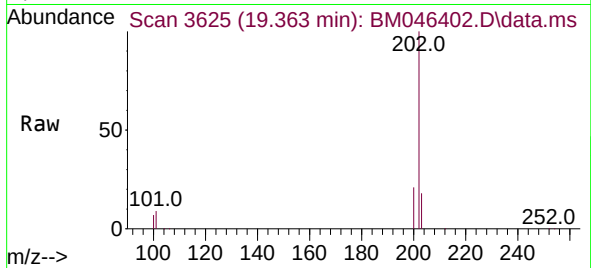
Tgt Ion:202 Resp: 2503026
 Ion Ratio Lower Upper
 202 100
 101 7.6 6.3 9.5
 100 5.8 5.0 7.6





#20
Pyrene
Concen: 28.005 ng/ul
RT: 19.363 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

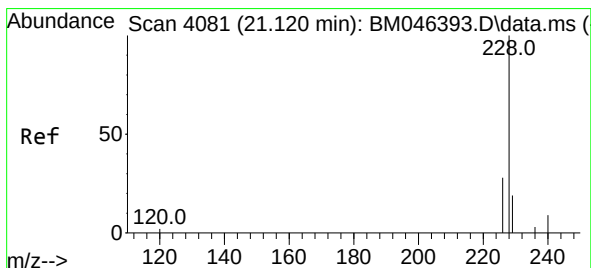
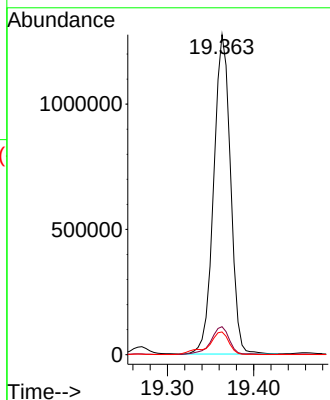
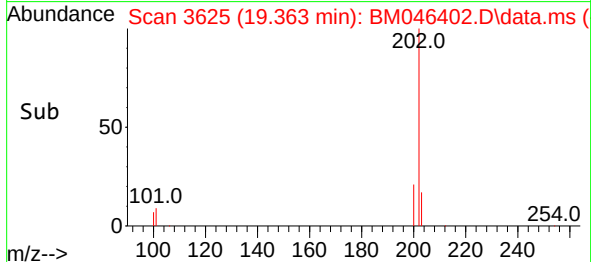
Instrument :
BNA_M
ClientSampleId :
A4CG2



Tgt Ion:202 Resp: 172861
Ion Ratio Lower Upper
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101 8.8 8.2 12.4
100 7.1 6.9 10.3

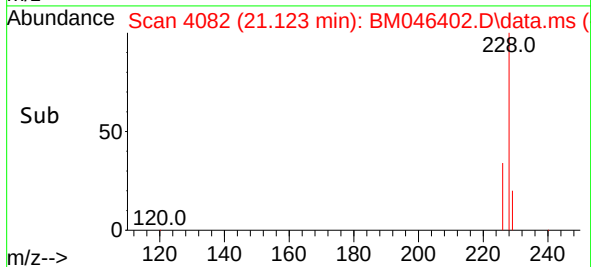
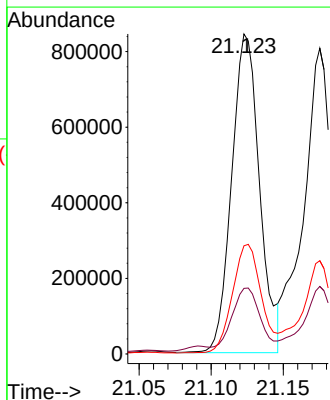
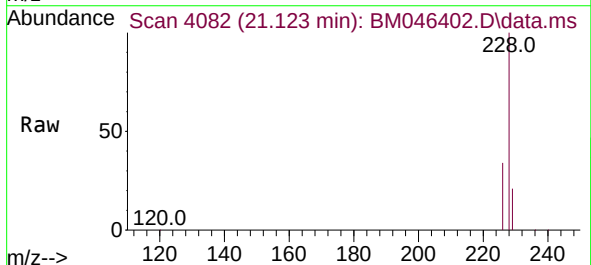
Manual Integrations
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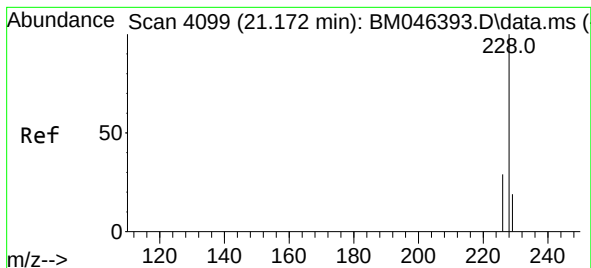
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 21.392 ng/ul m
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

Tgt Ion:228 Resp: 1134332
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 33.8 22.0 33.0#





#22

Chrysene

Concen: 20.739 ng/ul

RT: 21.175 min Scan# 4100

Delta R.T. -0.003 min

Lab File: BM046402.D

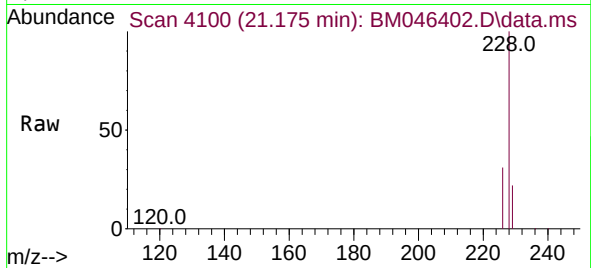
Acq: 06 Jul 2024 04:13

Instrument :

BNA_M

ClientSampleId :

A4CG2



Tgt Ion:228 Resp: 1093408

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

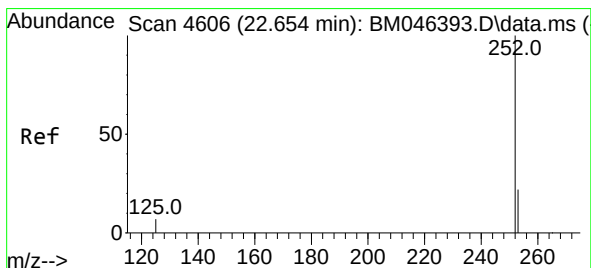
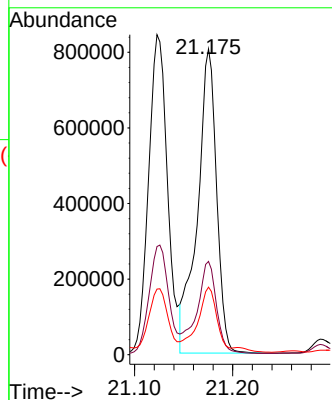
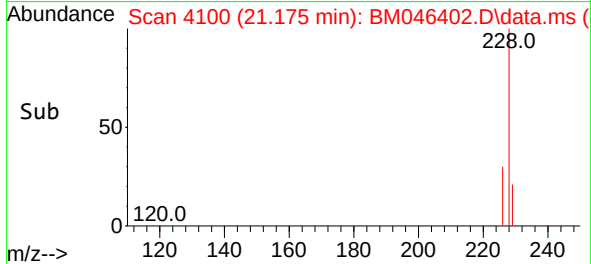
229 22.1 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 18.942 ng/ul m

RT: 22.666 min Scan# 4610

Delta R.T. 0.003 min

Lab File: BM046402.D

Acq: 06 Jul 2024 04:13

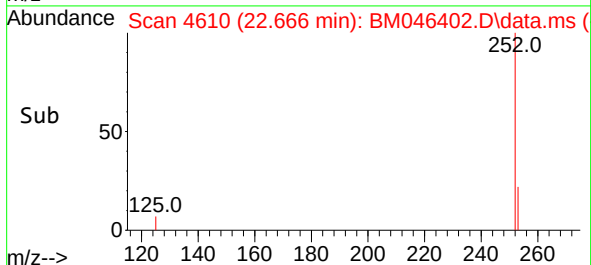
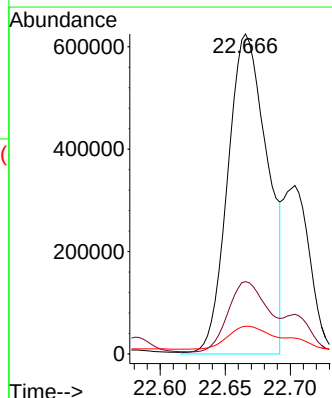
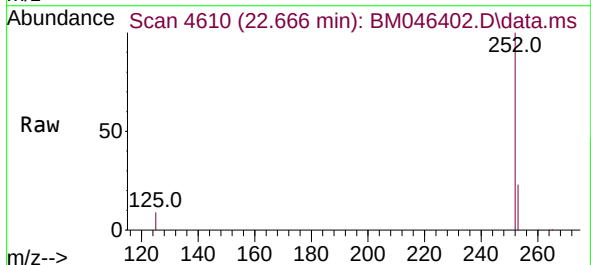
Tgt Ion:252 Resp: 1327994

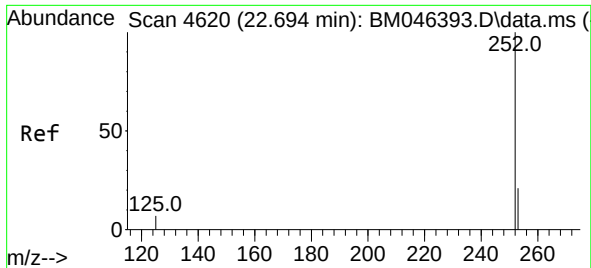
Ion Ratio Lower Upper

252 100

253 22.6 0.0 47.0

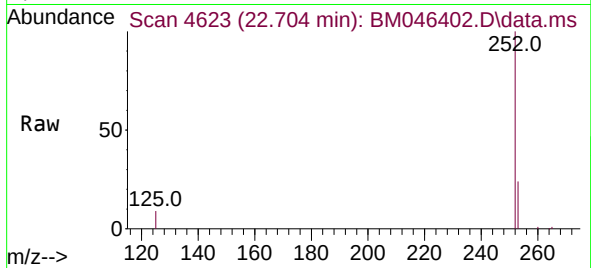
125 8.6 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 6.452 ng/ul m
RT: 22.704 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

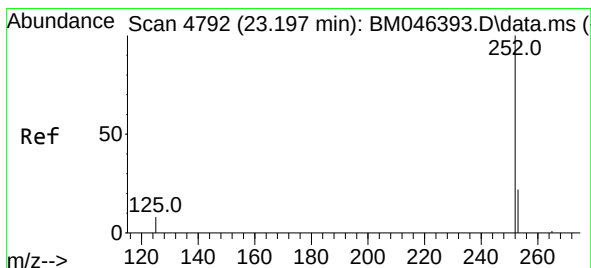
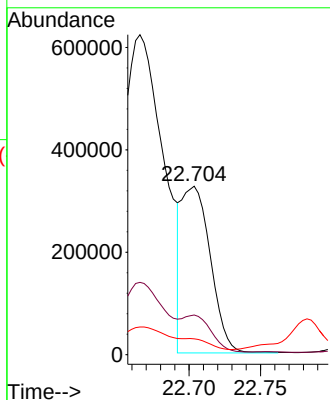
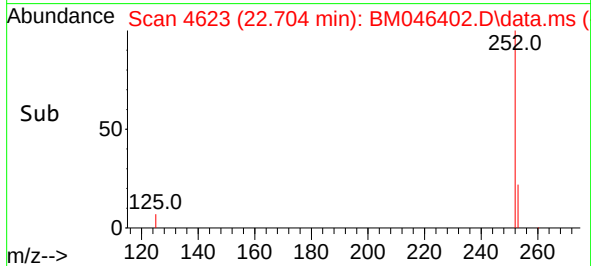
Instrument :
BNA_M
ClientSampleId :
A4CG2



Tgt Ion:252 Resp: 45659
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 9.4 7.5 11.3

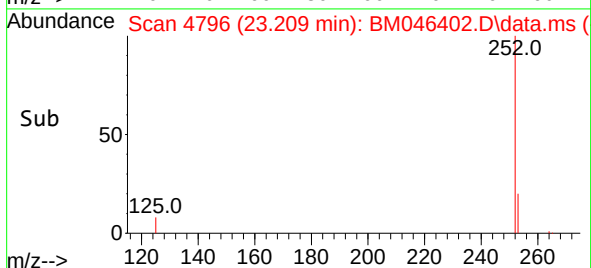
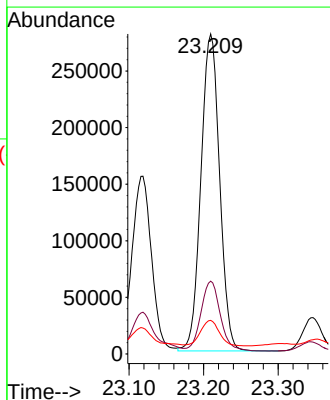
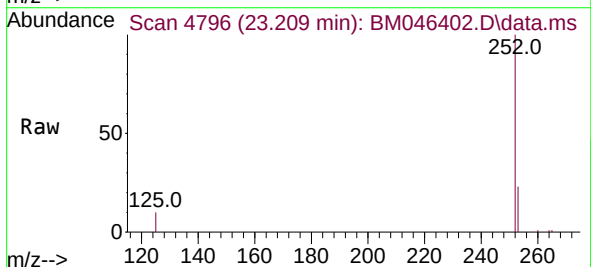
Manual Integrations
APPROVED

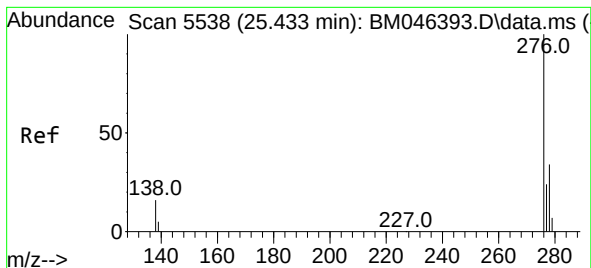
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 8.782 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

Tgt Ion:252 Resp: 486654
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 10.5 8.1 12.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.280 ng/ul

RT: 25.454 min Scan# 5544

Delta R.T. 0.007 min

Lab File: BM046402.D

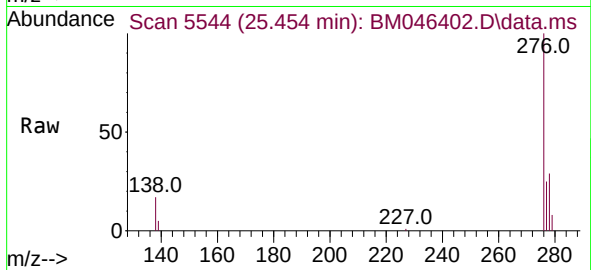
Acq: 06 Jul 2024 04:13

Instrument :

BNA_M

ClientSampleId :

A4CG2



Tgt Ion:276 Resp: 470170

Ion Ratio Lower Upper

276 100

138 16.6 15.7 23.5

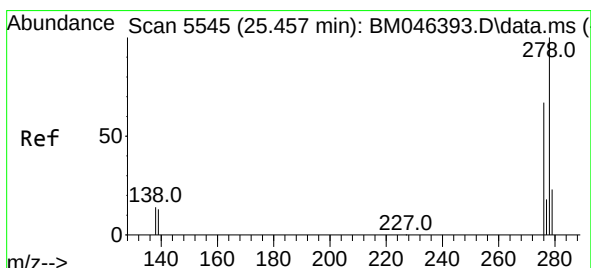
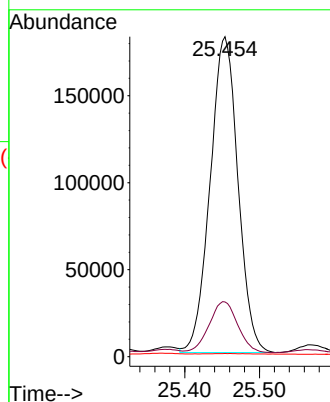
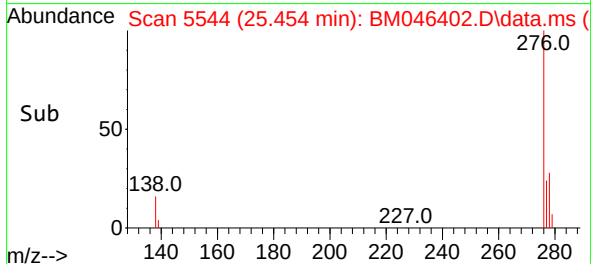
227 0.3 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#28

Dibenzo(a,h)anthracene

Concen: 2.977 ng/ul

RT: 25.464 min Scan# 5547

Delta R.T. -0.010 min

Lab File: BM046402.D

Acq: 06 Jul 2024 04:13

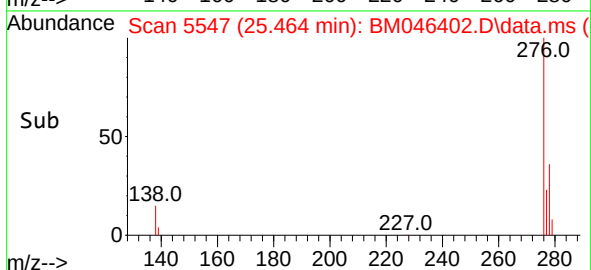
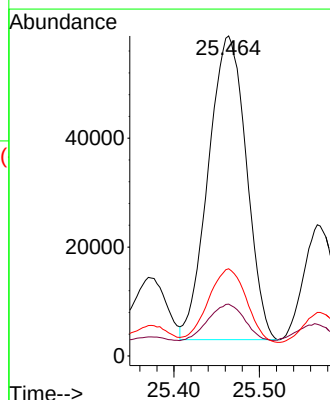
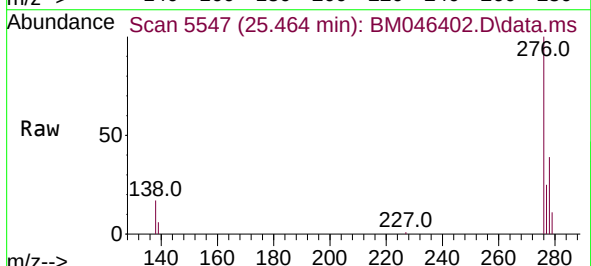
Tgt Ion:278 Resp: 172403

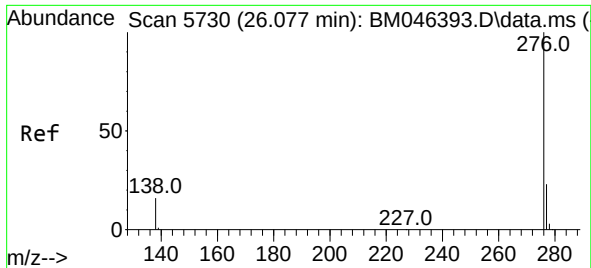
Ion Ratio Lower Upper

278 100

139 16.2 12.6 18.8

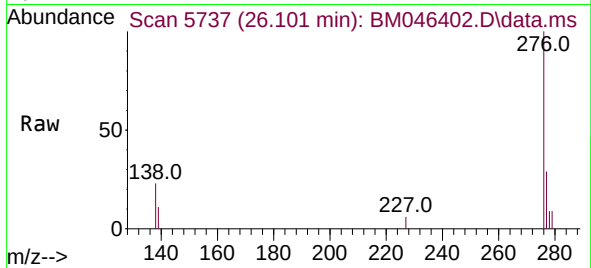
279 27.3 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 1.168 ng/ul
RT: 26.101 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046402.D
Acq: 06 Jul 2024 04:13

Instrument :
BNA_M
ClientSampleId :
A4CG2



Tgt Ion:276 Resp: 69689
Ion Ratio Lower Upper
276 100
138 23.4 15.4 23.0
277 29.0 19.7 29.5

Manual Integrations
APPROVED

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

