

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046519.D
 Acq On : 11 Jul 2024 15:59
 Operator : MA/JU
 Sample : P3035-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:21:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 04:18:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	7332	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	4787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	10551m	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	8598	0.400	ng/ul	0.00
23) Perylene-d12	23.262	264	9352m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	6609	2.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2540	0.215	ng/ul	0.00
18) Fluoranthene-d10	18.951	212	6583	0.252	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.951	178	4657	0.155	ng/ul	98
16) Anthracene	17.040	178	909	0.031	ng/ul#	84
19) Fluoranthene	18.979	202	13440	0.381	ng/ul	99
20) Pyrene	19.341	202	11135m	0.291	ng/ul	
21) Benzo(a)anthracene	21.102	228	5784	0.152	ng/ul	96
22) Chrysene	21.155	228	6891	0.187	ng/ul	97
24) Benzo(b)fluoranthene	22.630	252	10543m	0.282	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	3662m	0.100	ng/ul	
26) Benzo(a)pyrene	23.171	252	6168	0.201	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.386	276	5907	0.126	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	1447	0.039	ng/ul#	23
29) Benzo(g,h,i)perylene	26.034	276	5936	0.159	ng/ul#	92

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

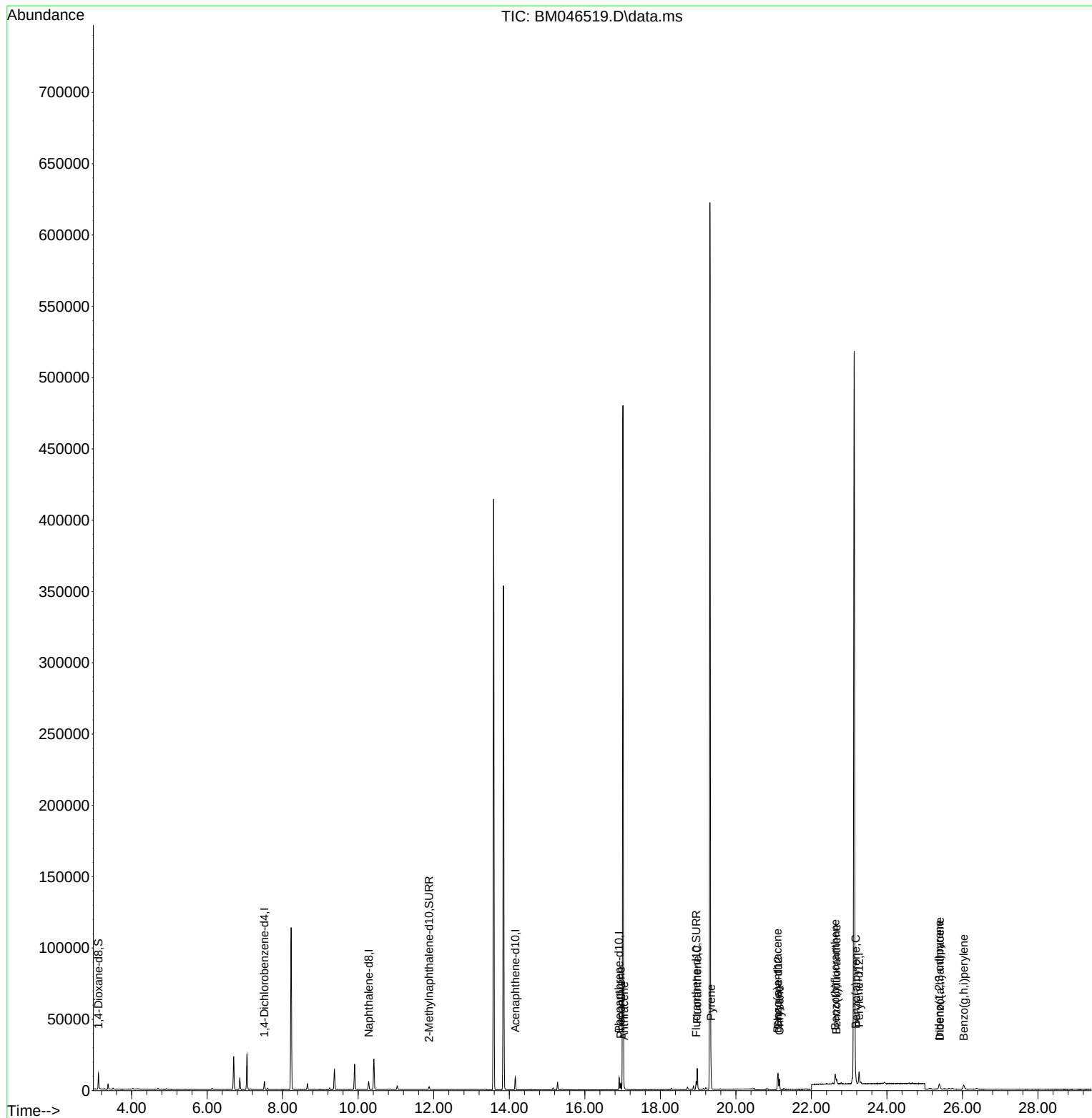
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046519.D
Acq On : 11 Jul 2024 15:59
Operator : MA/JU
Sample : P3035-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

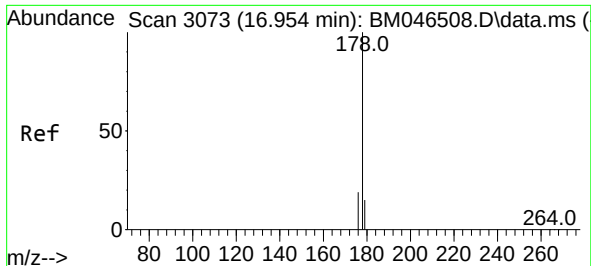
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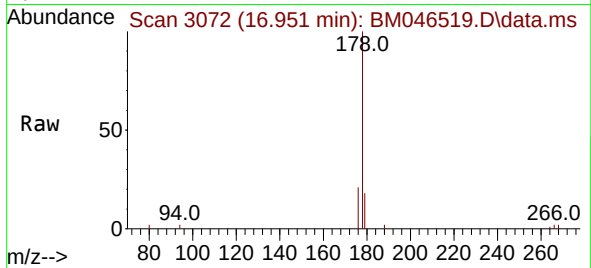
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.155 ng/ul
RT: 16.951 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

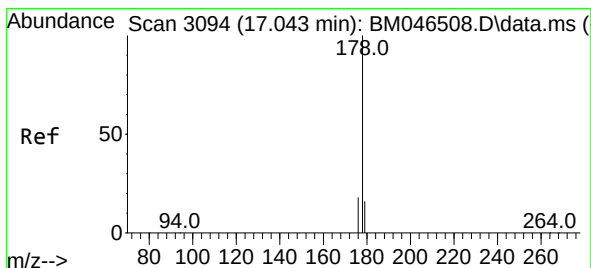
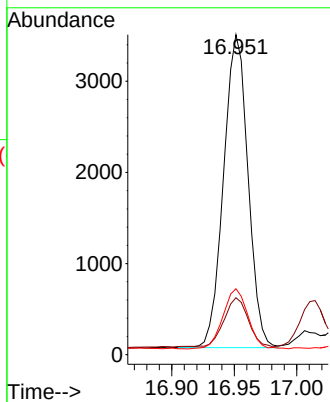
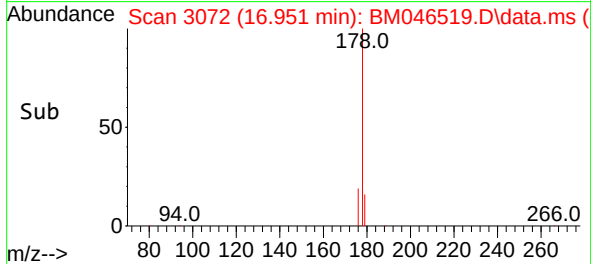
Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:178 Resp: 465
Ion Ratio Lower Upper
178 100
179 17.8 13.1 19.7
176 20.6 16.0 24.0

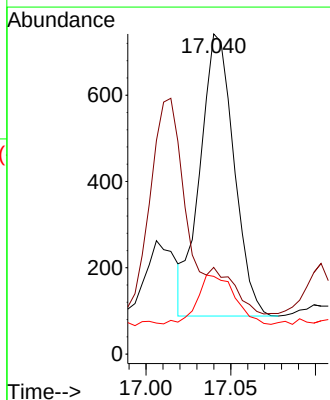
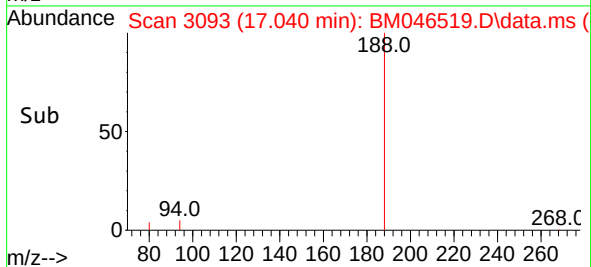
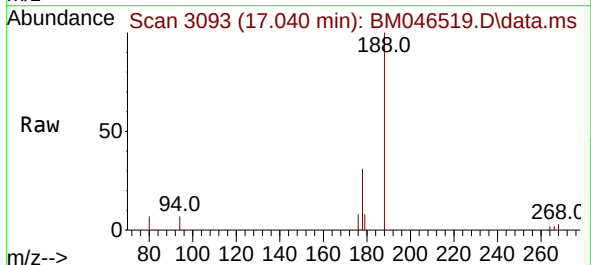
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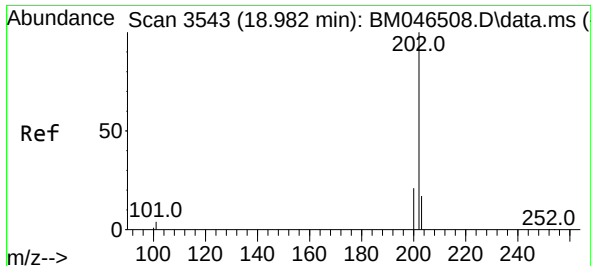
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.040 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

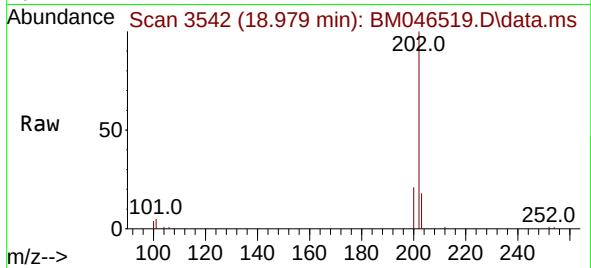
Tgt Ion:178 Resp: 909
Ion Ratio Lower Upper
178 100
179 27.1 13.5 20.3#
176 24.3 15.7 23.5#





#19
Fluoranthene
Concen: 0.381 ng/ul
RT: 18.979 min Scan# 3543
Delta R.T. -0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

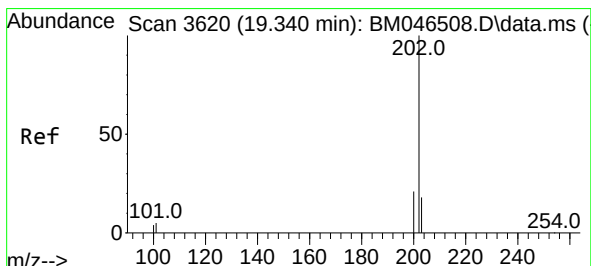
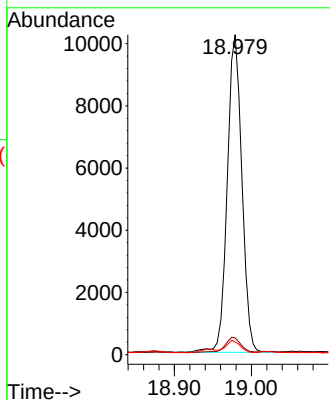
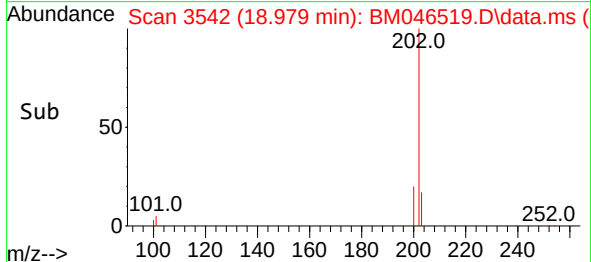
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BNA_M
ClientSampleId :
A4CD0



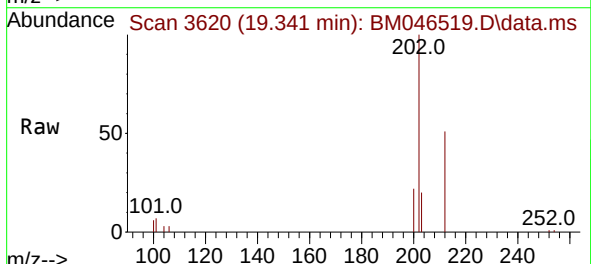
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Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.0 3.0 4.6

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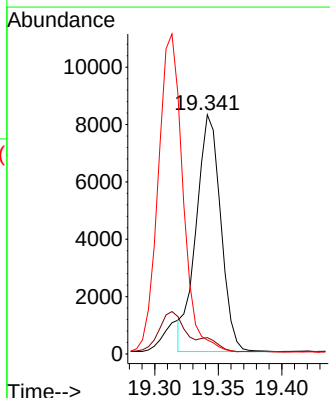
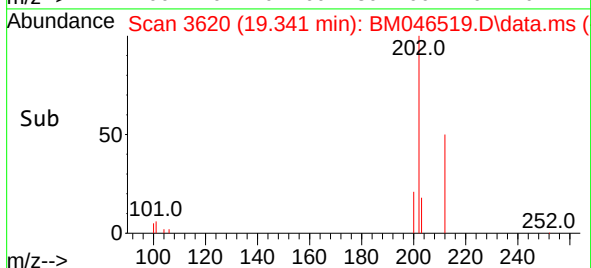
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

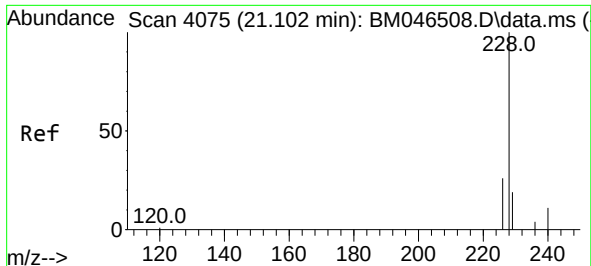


#20
Pyrene
Concen: 0.291 ng/ul m
RT: 19.341 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59



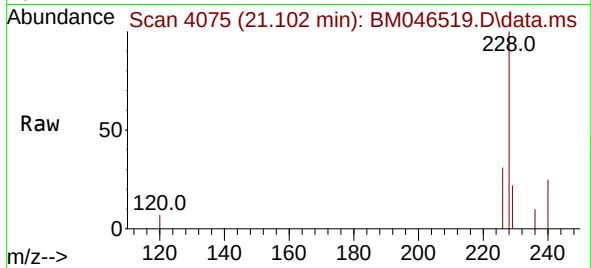
Tgt Ion:202 Resp: 11135
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.9 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.000 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

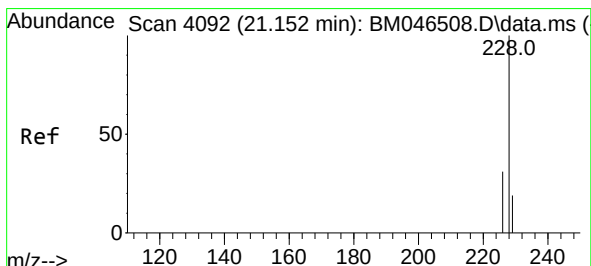
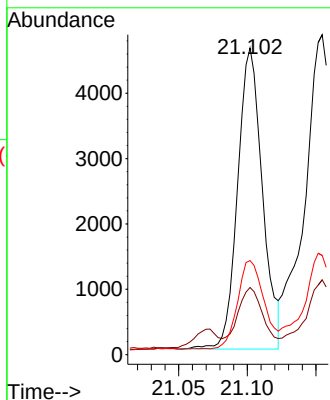
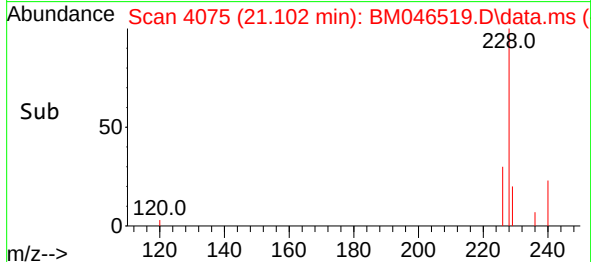
Instrument :
BNA_M
ClientSampleId :
A4CD0



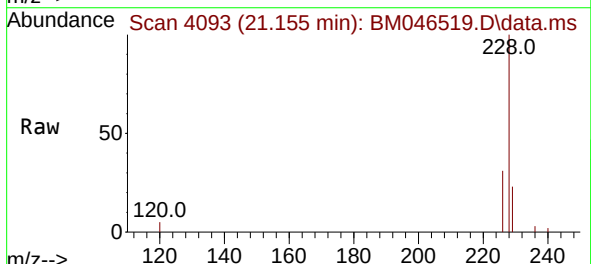
Tgt Ion:228 Resp: 5784
Ion Ratio Lower Upper
228 100
229 21.9 16.5 24.7
226 30.7 22.5 33.7

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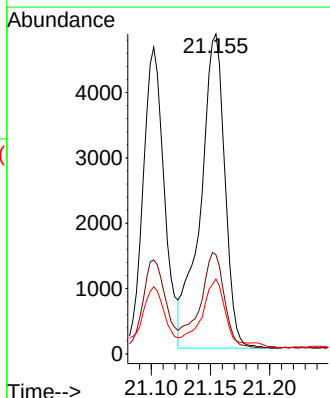
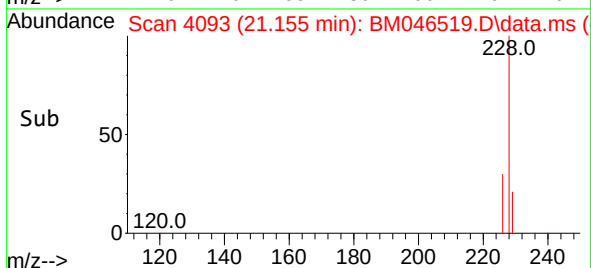
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

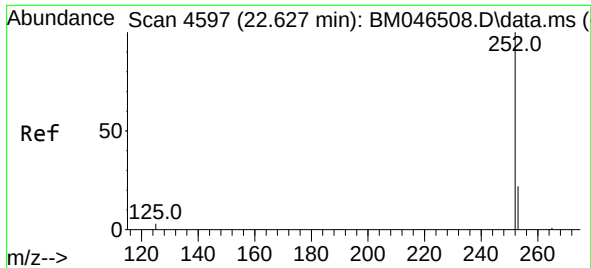


#22
Chrysene
Concen: 0.187 ng/ul
RT: 21.155 min Scan# 4093
Delta R.T. 0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59



Tgt Ion:228 Resp: 6891
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.4 16.4 24.6





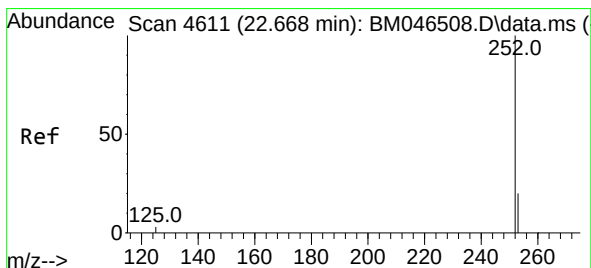
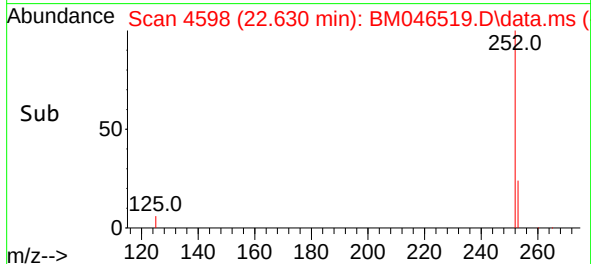
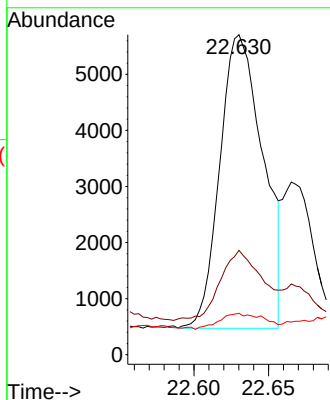
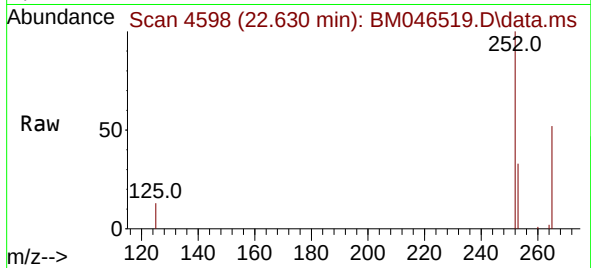
#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.630 min Scan# 4598
Delta R.T. 0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

Instrument :
BNA_M
ClientSampleId :
A4CD0

Tgt Ion:252 Resp: 1054
Ion Ratio Lower Upper
252 100
253 32.6 0.0 56.2
125 13.0 0.0 17.8

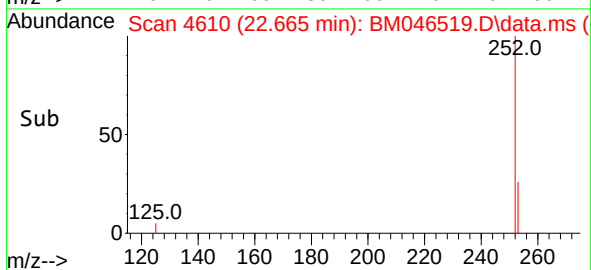
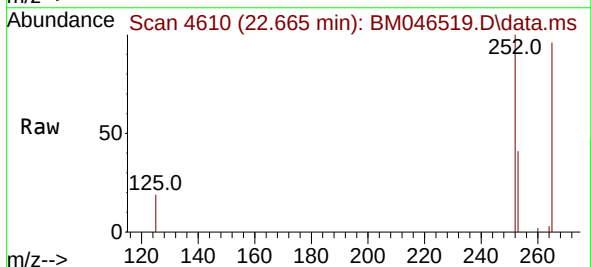
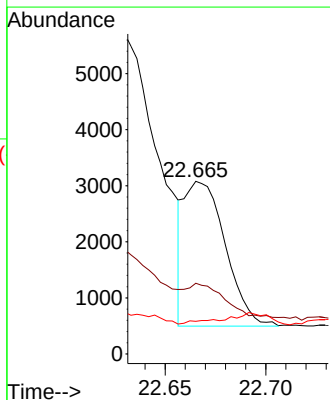
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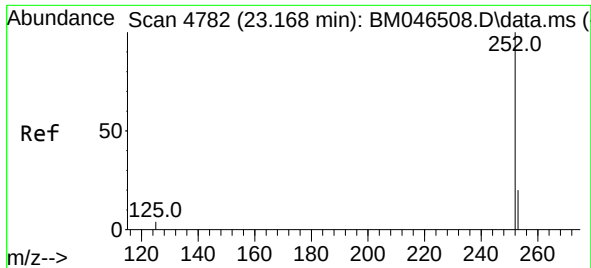
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.100 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. -0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

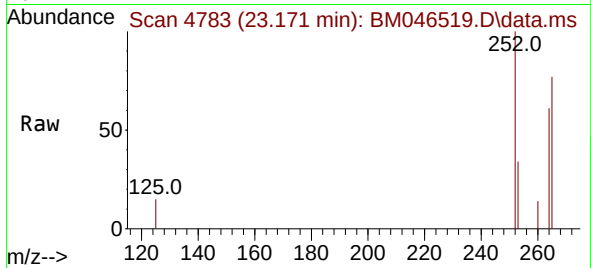
Tgt Ion:252 Resp: 3662
Ion Ratio Lower Upper
252 100
253 41.0 22.4 33.6#
125 18.9 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.171 min Scan# 4783
Delta R.T. 0.003 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59

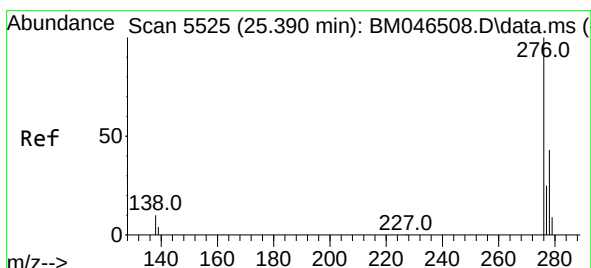
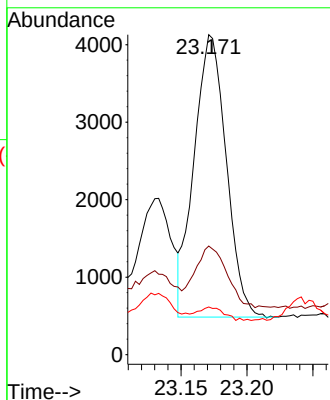
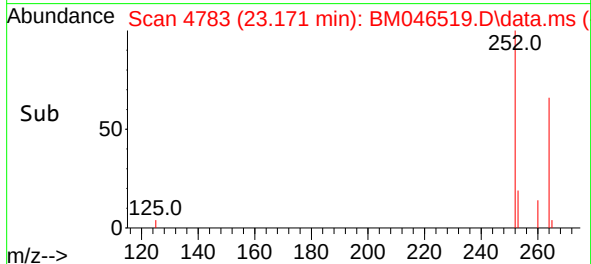
Instrument :
BNA_M
ClientSampleId :
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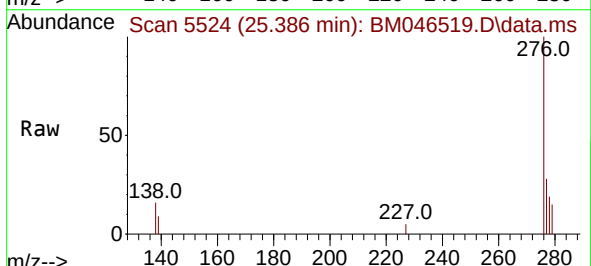
Tgt Ion:252 Resp: 6168
Ion Ratio Lower Upper
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253 34.0 24.0 36.0
125 14.9 8.2 12.2

Manual Integrations
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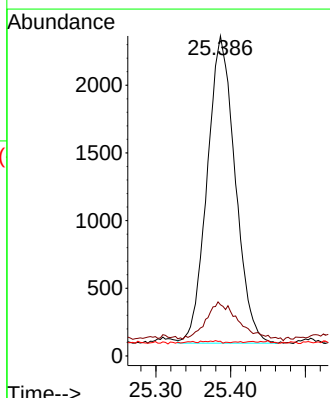
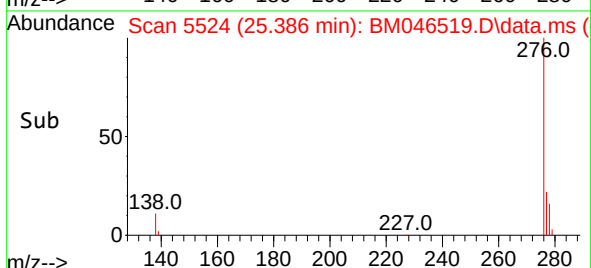
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

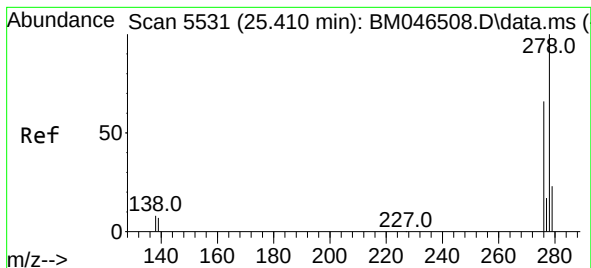


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 25.386 min Scan# 5524
Delta R.T. -0.004 min
Lab File: BM046519.D
Acq: 11 Jul 2024 15:59



Tgt Ion:276 Resp: 5907
Ion Ratio Lower Upper
276 100
138 15.0 0.0 0.0#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.039 ng/ul

RT: 25.400 min Scan# 5531

Delta R.T. -0.010 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

Instrument :

BNM

ClientSampleId :

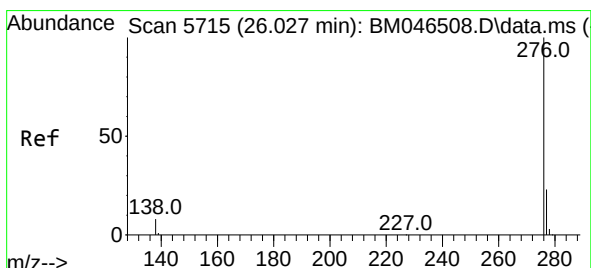
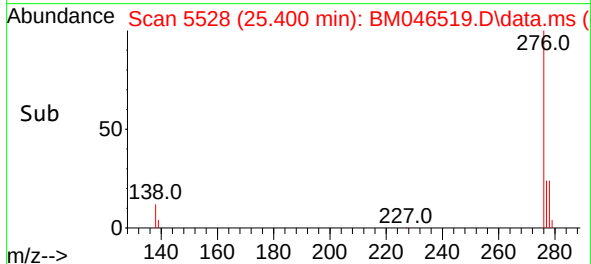
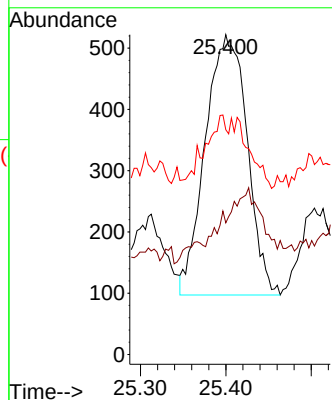
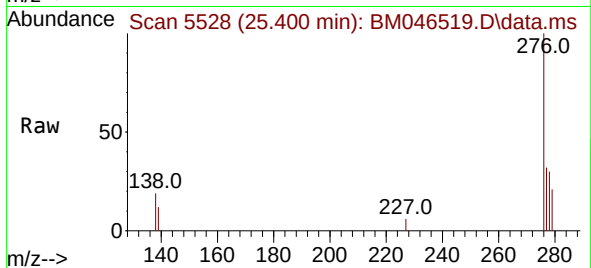
A4CD0

Tgt Ion:278	Resp:	144
Ion Ratio	Lower	Upper
278	100	
139	41.2	9.1 13.7
279	70.3	23.2 34.8

Manual Integrations

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Supervised By :mohammad ahmed 07/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.159 ng/ul

RT: 26.034 min Scan# 5717

Delta R.T. 0.006 min

Lab File: BM046519.D

Acq: 11 Jul 2024 15:59

Tgt Ion:276	Resp:	5936
Ion Ratio	Lower	Upper
276	100	
138	17.3	10.2 15.4
277	29.4	20.9 31.3

