

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046389.D
 Acq On : 05 Jul 2024 19:35
 Operator : MA/JU
 Sample : P3010-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG4

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:11:03 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	5981	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	17346	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	10763	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	23227	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	16011	0.400	ng/ul	# 0.00
23) Perylene-d12	23.294	264	14971m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	18438	2.985	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	5288	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	11685	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.896	152	1377	0.025	ng/ul#	85
15) Phenanthrene	16.972	178	6933	0.100	ng/ul	100
16) Anthracene	17.065	178	1527	0.023	ng/ul#	87
19) Fluoranthene	18.997	202	21704	0.268	ng/ul	99
20) Pyrene	19.365	202	18010m	0.216	ng/ul	
21) Benzo(a)anthracene	21.122	228	9837m	0.138	ng/ul	
22) Chrysene	21.175	228	10111	0.142	ng/ul	98
24) Benzo(b)fluoranthene	22.659	252	12187m	0.191	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	5006m	0.078	ng/ul	
26) Benzo(a)pyrene	23.206	252	7475	0.149	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.437	276	5079	0.075	ng/ul	100
28) Dibenzo(a,h)anthracene	25.457	278	1303	0.025	ng/ul#	42
29) Benzo(g,h,i)perylene	26.087	276	4873	0.090	ng/ul#	92

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

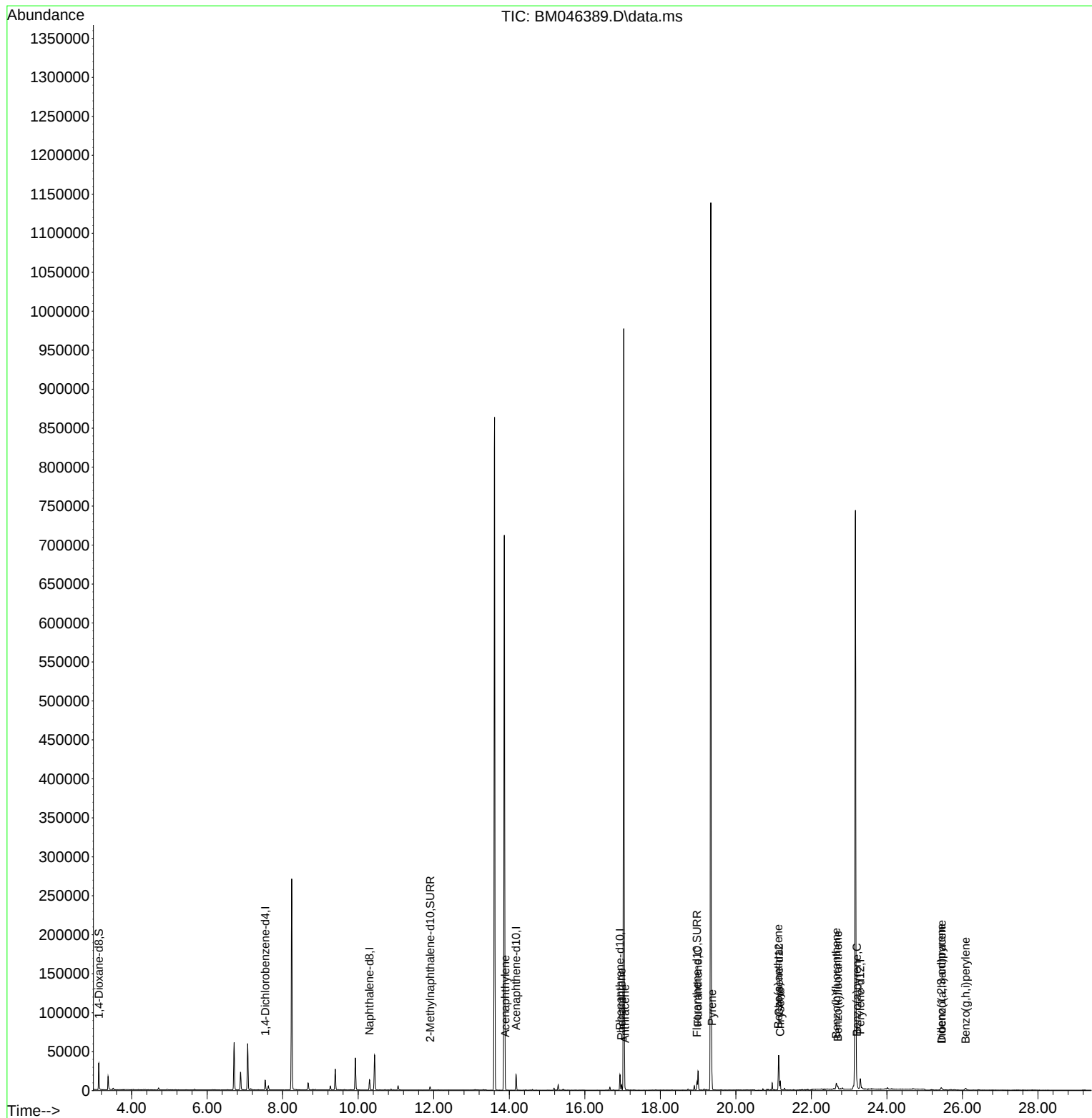
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046389.D
Acq On : 05 Jul 2024 19:35
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ALS Vial : 13 Sample Multiplier: 1

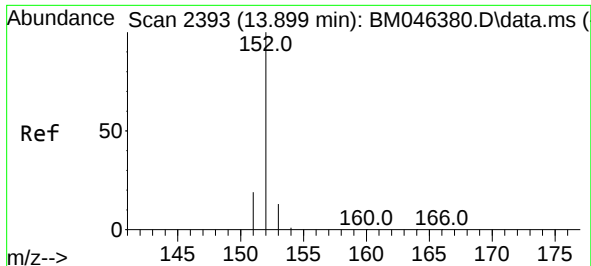
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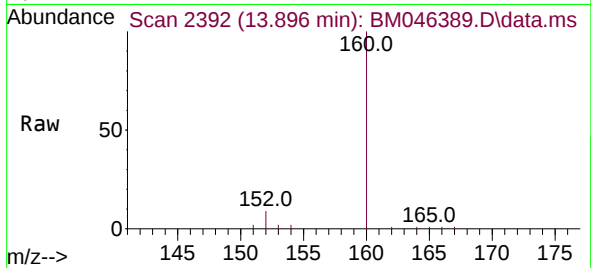
Quant Time: Jul 05 23:11:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
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#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

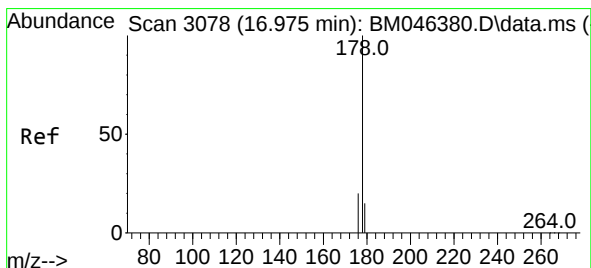
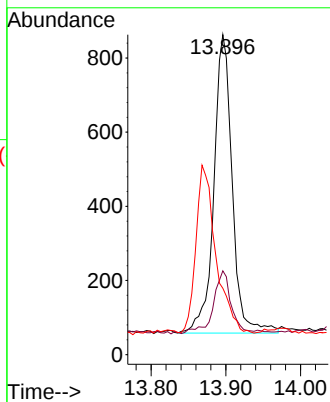
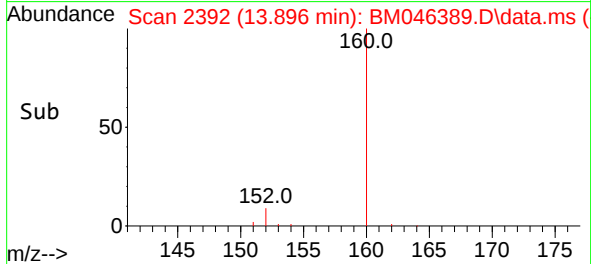
Instrument :
BNA_M
ClientSampleId :
A4CG4



Tgt Ion:152 Resp: 137
Ion Ratio Lower Upper
152 100
151 26.2 15.9 23.9
153 20.7 11.0 16.6

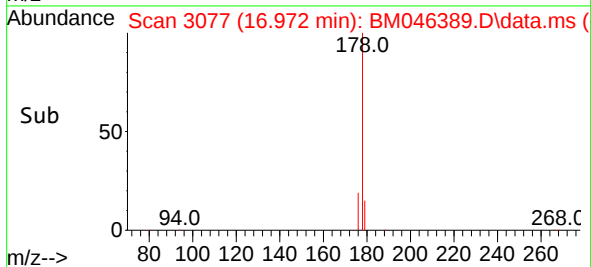
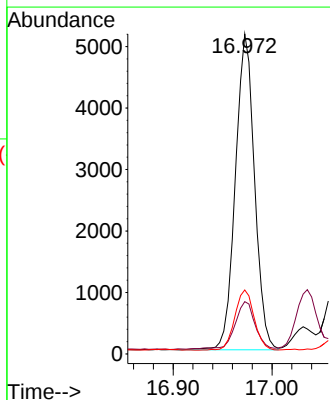
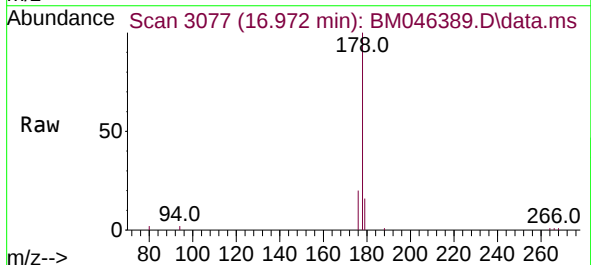
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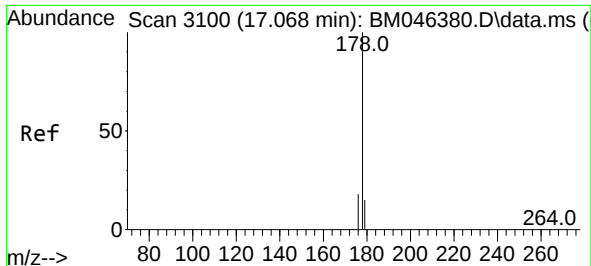
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.100 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

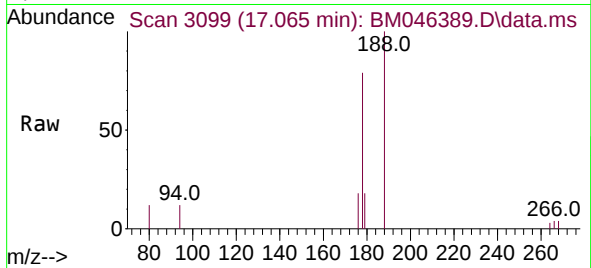
Tgt Ion:178 Resp: 6933
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.065 min Scan# 3099
 Delta R.T. -0.003 min
 Lab File: BM046389.D
 Acq: 05 Jul 2024 19:35

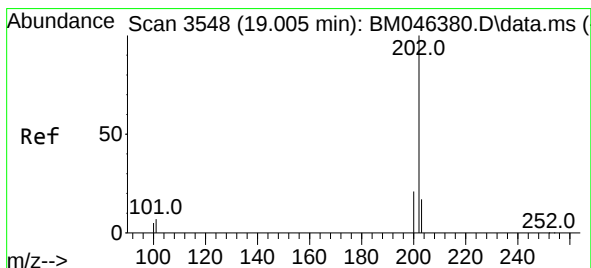
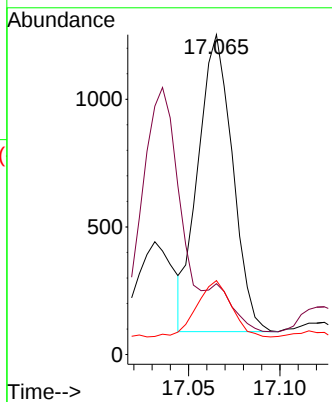
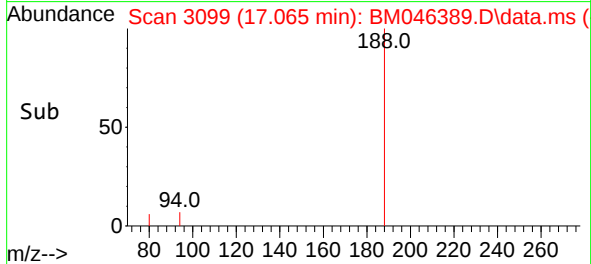
Instrument :
 BNA_M
 ClientSampleId :
 A4CG4



Tgt Ion:178 Resp: 152
 Ion Ratio Lower Upper
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 179 22.2 12.6 18.8
 176 23.1 14.9 22.3

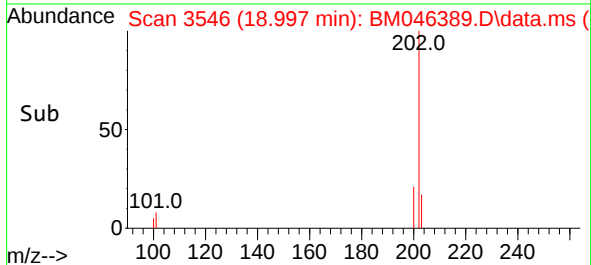
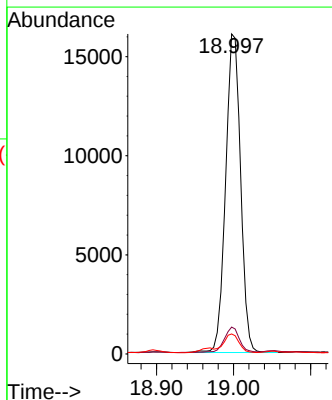
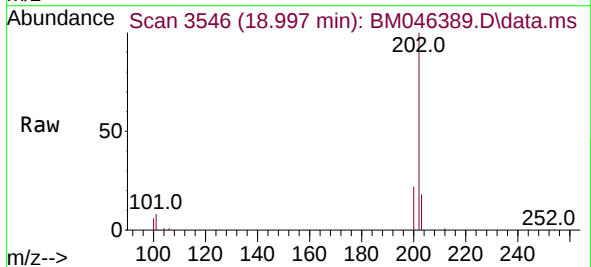
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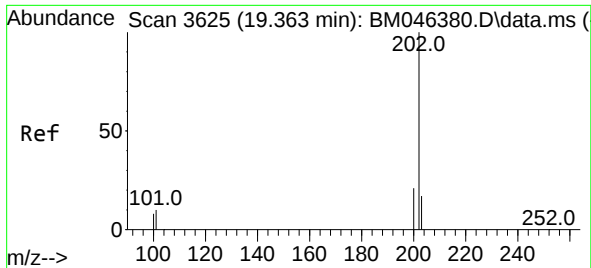
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 0.268 ng/ul
 RT: 18.997 min Scan# 3546
 Delta R.T. -0.008 min
 Lab File: BM046389.D
 Acq: 05 Jul 2024 19:35

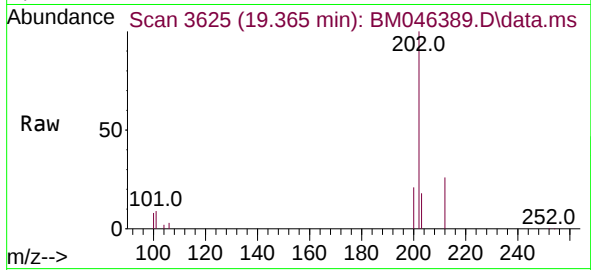
Tgt Ion:202 Resp: 21704
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.3 9.5
 100 6.3 5.0 7.6





#20
Pyrene
Concen: 0.216 ng/ul m
RT: 19.365 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

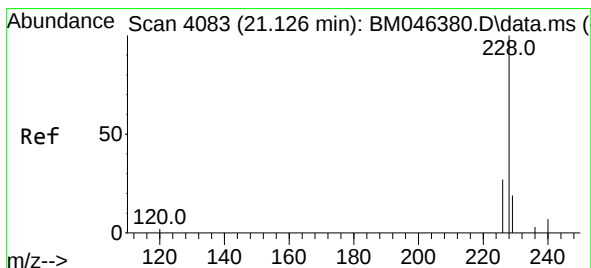
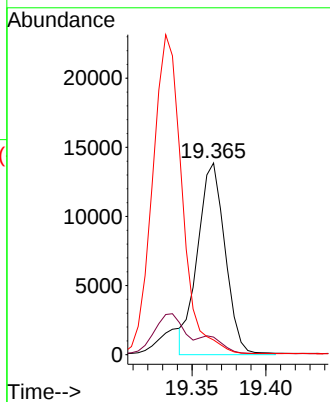
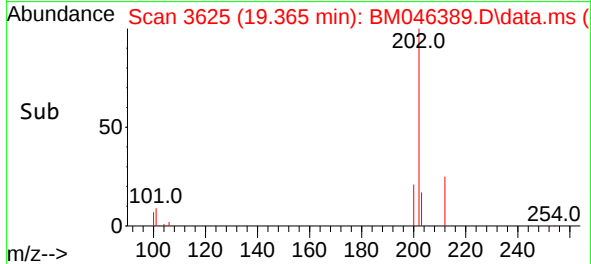
Instrument :
BNA_M
ClientSampleId :
A4CG4



Tgt Ion:202 Resp: 18010
Ion Ratio Lower Upper
202 100
101 9.1 8.2 12.4
100 7.7 6.9 10.3

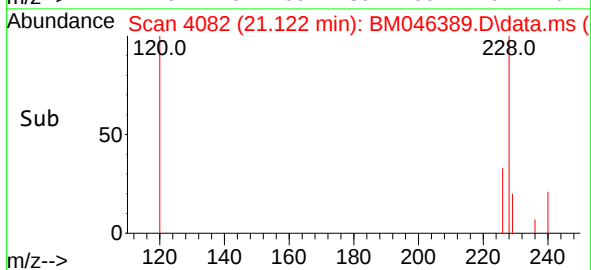
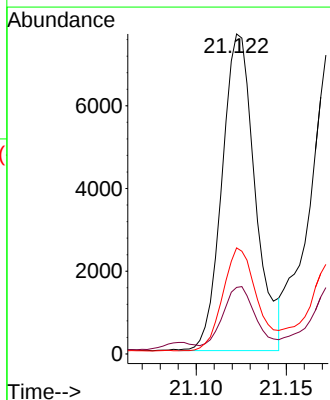
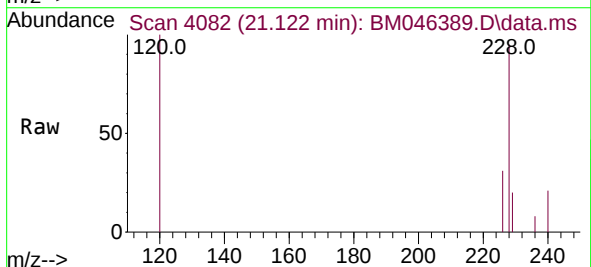
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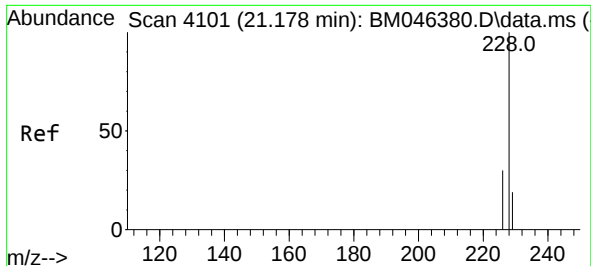
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Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 0.138 ng/ul m
RT: 21.122 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

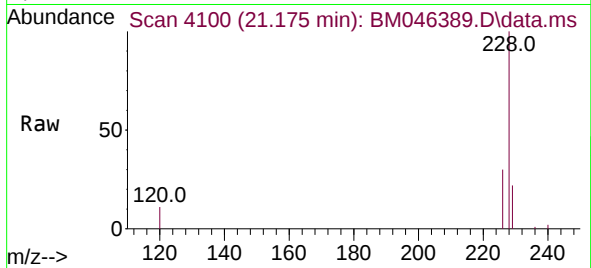
Tgt Ion:228 Resp: 9837
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 33.1 22.0 33.0#





#22
Chrysene
Concen: 0.142 ng/ul
RT: 21.175 min Scan# 4101
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

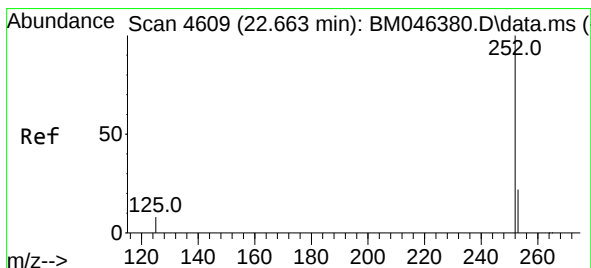
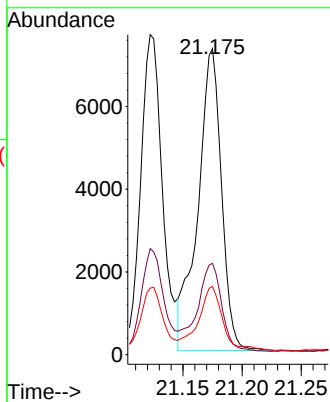
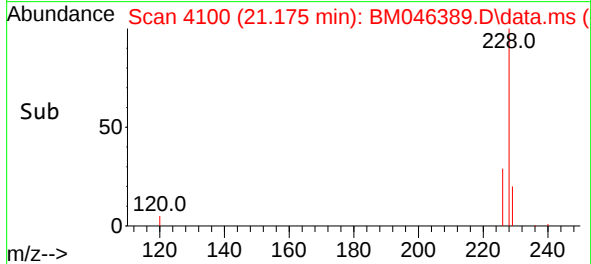
Instrument :
BNA_M
ClientSampleId :
A4CG4



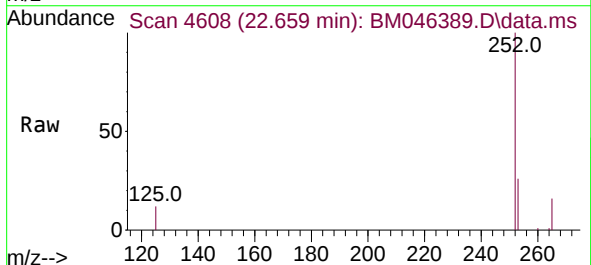
Tgt Ion:228 Resp: 1011
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 22.3 15.8 23.6

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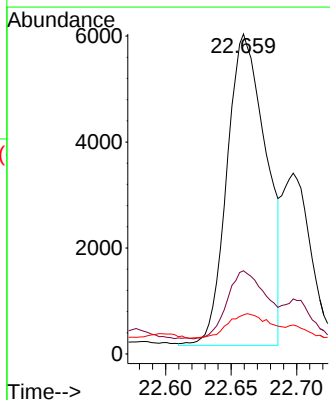
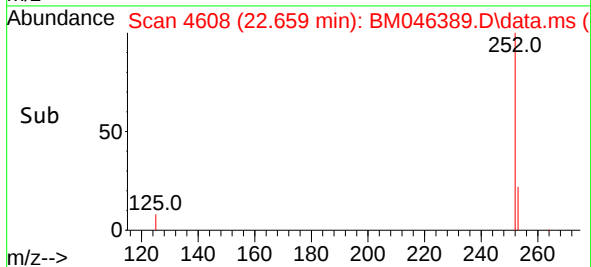
Reviewed By :Yogesh Patel 07/08/2024
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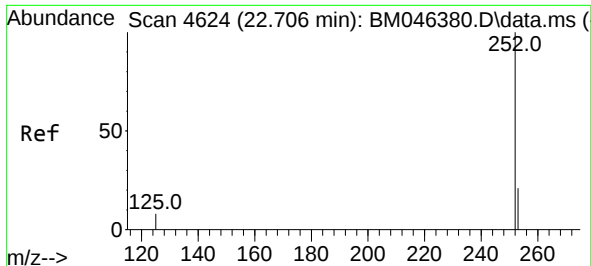


#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35



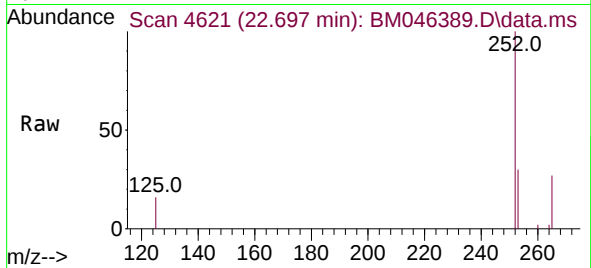
Tgt Ion:252 Resp: 12187
Ion Ratio Lower Upper
252 100
253 26.0 0.0 47.0
125 12.2 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

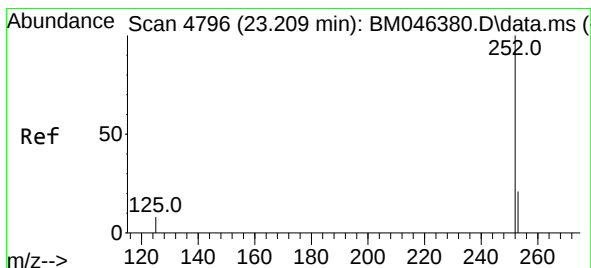
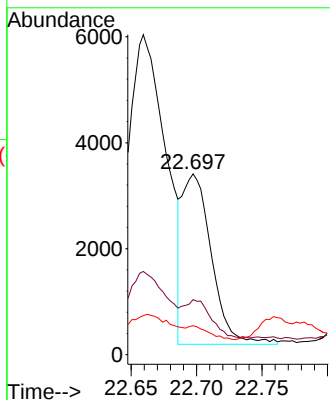
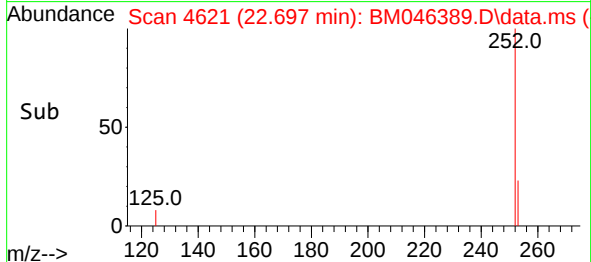
Instrument :
BNA_M
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A4CG4



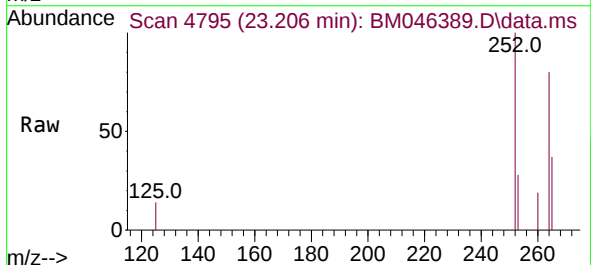
Tgt Ion:252 Resp: 5000
Ion Ratio Lower Upper
252 100
253 30.4 18.4 27.6
125 16.0 7.5 11.3

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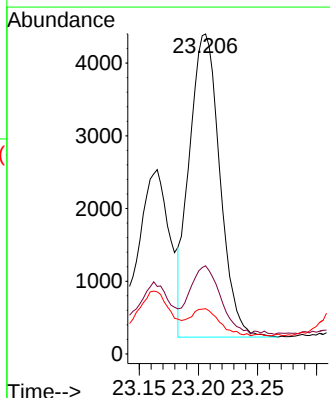
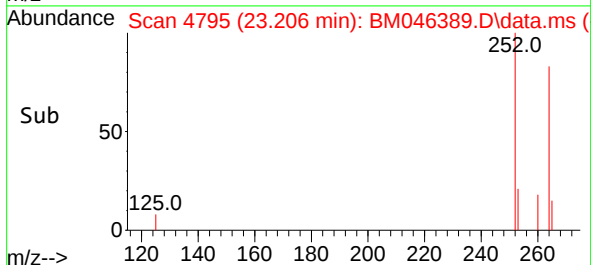
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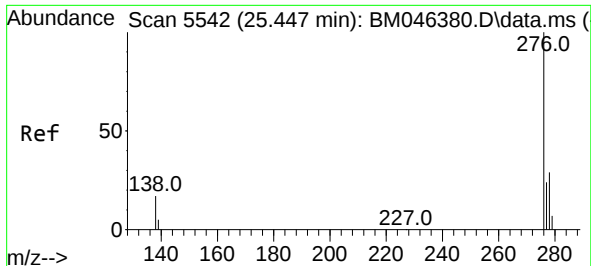


#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35



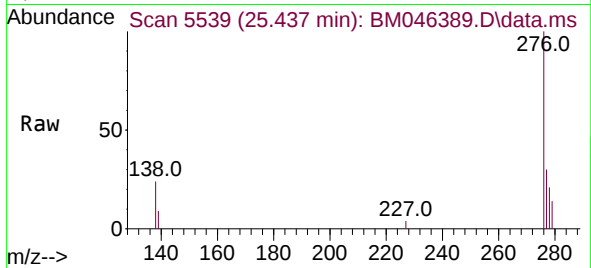
Tgt Ion:252 Resp: 7475
Ion Ratio Lower Upper
252 100
253 27.6 18.9 28.3
125 14.2 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35

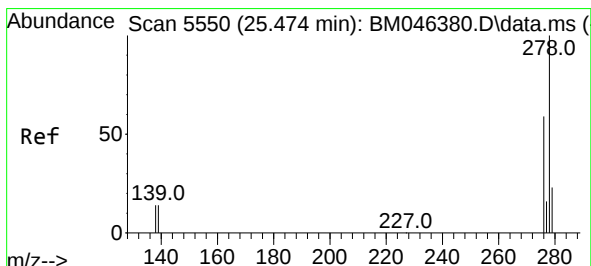
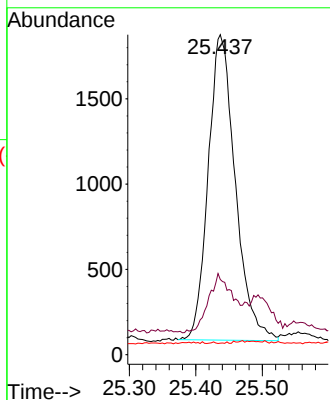
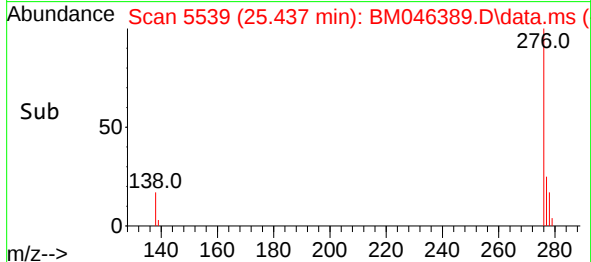
Instrument :
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A4CG4



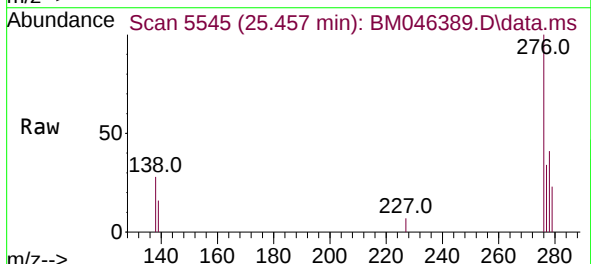
Tgt Ion:276 Resp: 5079
Ion Ratio Lower Upper
276 100
138 19.7 15.7 23.5
227 0.1 0.1 0.1

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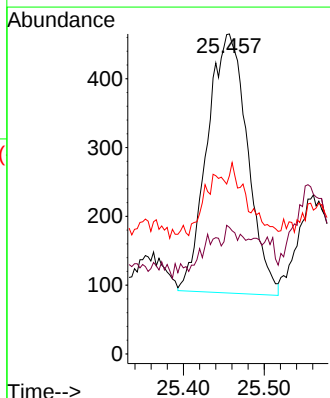
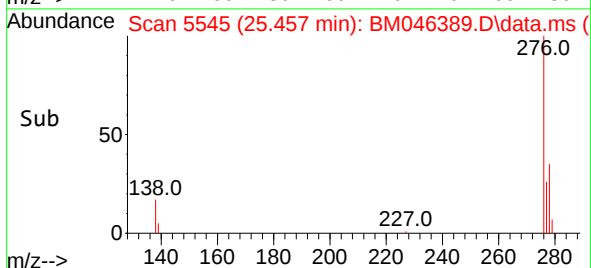
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

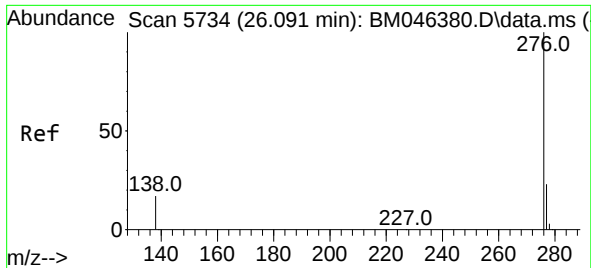


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.457 min Scan# 5545
Delta R.T. -0.017 min
Lab File: BM046389.D
Acq: 05 Jul 2024 19:35



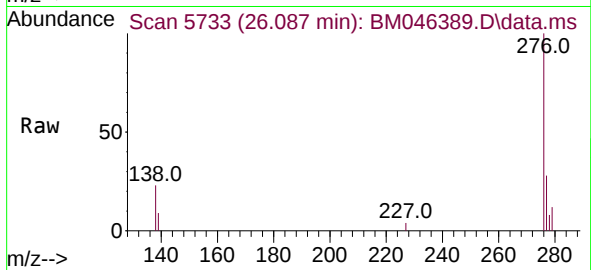
Tgt Ion:278 Resp: 1303
Ion Ratio Lower Upper
278 100
139 39.6 12.6 18.8#
279 55.7 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.090 ng/ul
 RT: 26.087 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM046389.D
 Acq: 05 Jul 2024 19:35

Instrument :
 BNA_M
 ClientSampleId :
 A4CG4



Tgt Ion:276 Resp: 487
 Ion Ratio Lower Upper
 276 100
 138 23.4 15.4 23.0
 277 28.4 19.7 29.5

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