

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046390.D
 Acq On : 05 Jul 2024 20:12
 Operator : MA/JU
 Sample : P3010-18
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB3

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:11:07 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	5751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	16319	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	9759	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	20434m	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12924	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	12253m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	21287	3.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	6288	0.261	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	12427	0.275	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	13.895	152	3887	0.078	ng/ul	95
15) Phenanthrene	16.975	178	14290	0.234	ng/ul	99
16) Anthracene	17.064	178	7315	0.123	ng/ul	97
19) Fluoranthene	19.001	202	56702	0.868	ng/ul	99
20) Pyrene	19.363	202	65312	0.972	ng/ul	97
21) Benzo(a)anthracene	21.123	228	28914	0.501	ng/ul	97
22) Chrysene	21.172	228	27126	0.472	ng/ul	98
24) Benzo(b)fluoranthene	22.657	252	30566m	0.587	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	12303m	0.234	ng/ul	
26) Benzo(a)pyrene	23.200	252	25303	0.615	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.434	276	15475	0.278	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.450	278	3461	0.080	ng/ul#	80
29) Benzo(g,h,i)perylene	26.084	276	16198	0.365	ng/ul	99

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

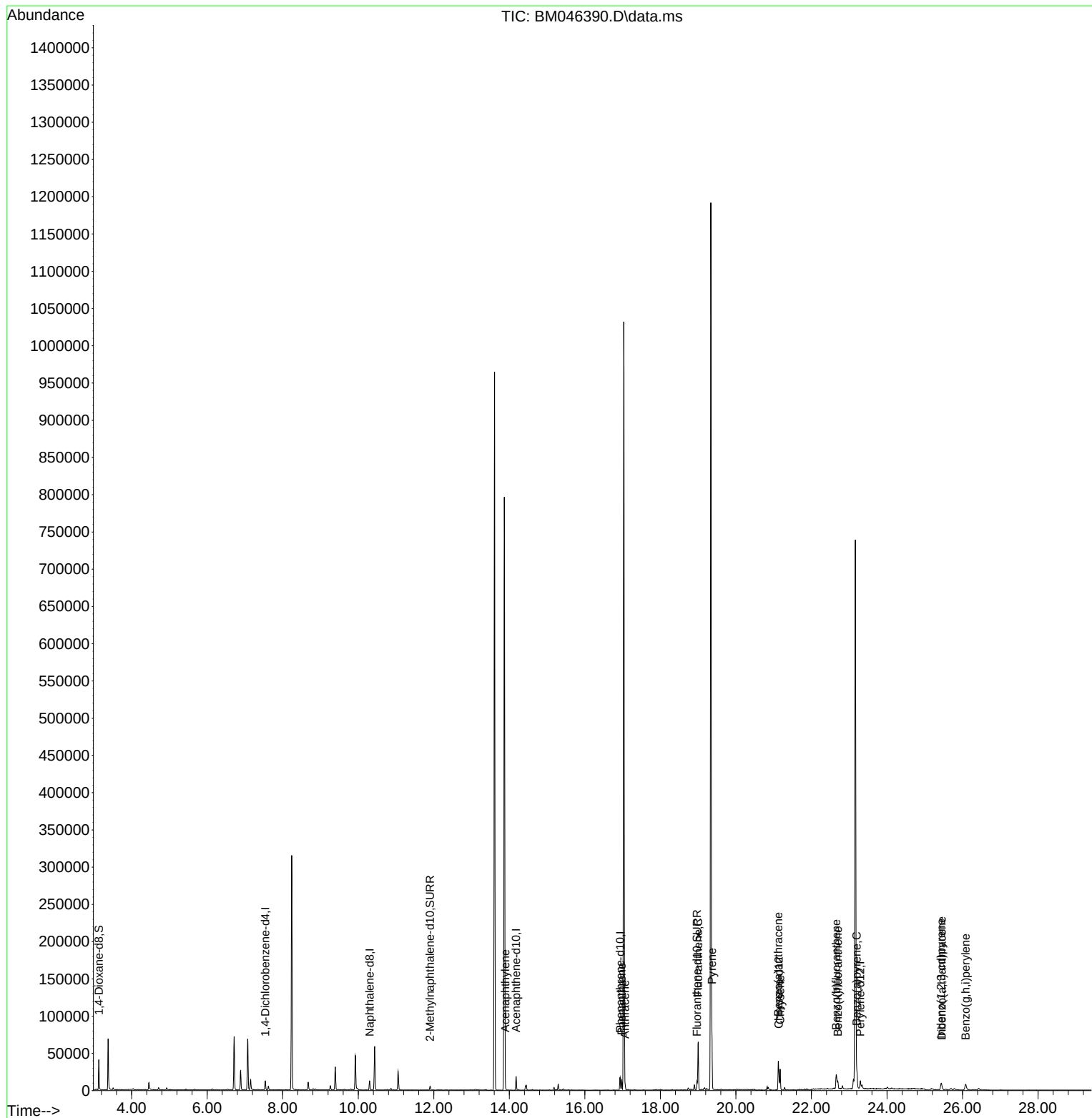
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046390.D
Acq On : 05 Jul 2024 20:12
Operator : MA/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

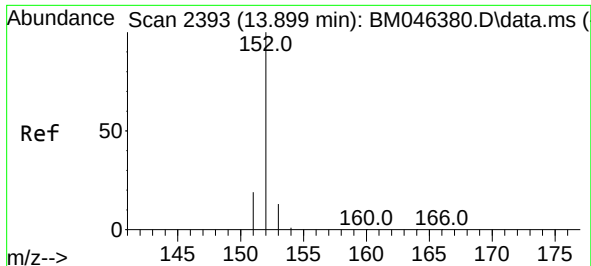
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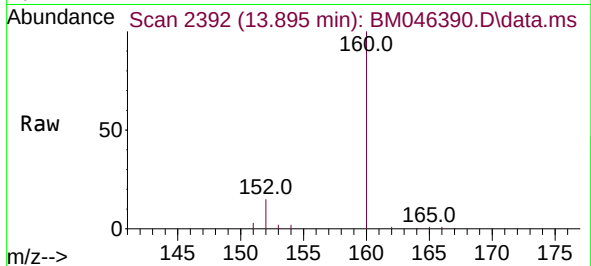
Quant Time: Jul 05 23:11:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.895 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

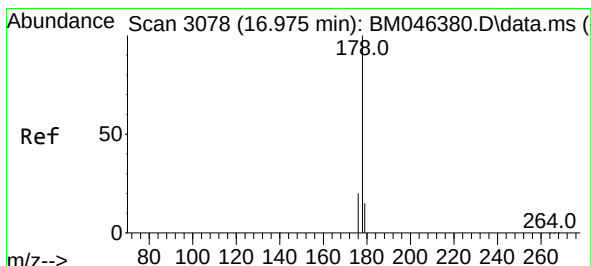
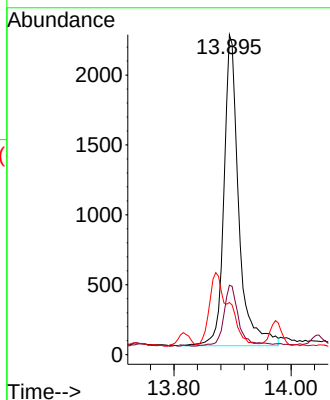
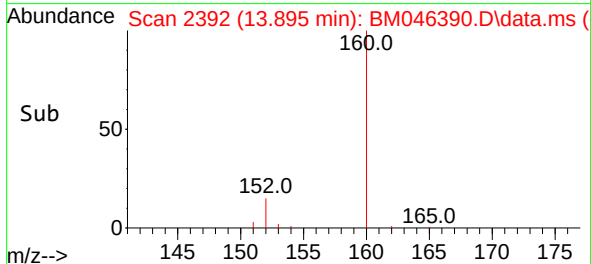
Instrument :
BNA_M
ClientSampleId :
A4BB3



Tgt Ion:152 Resp: 388
Ion Ratio Lower Upper
152 100
151 21.7 15.9 23.9
153 16.3 11.0 16.6

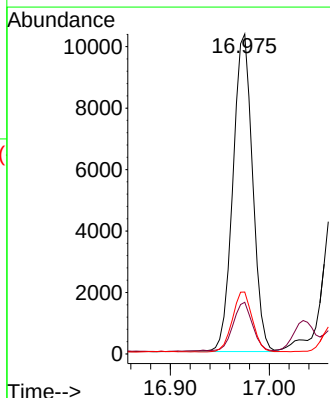
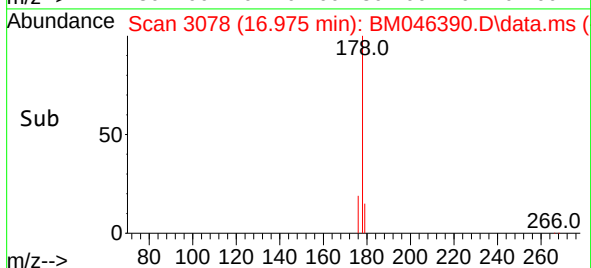
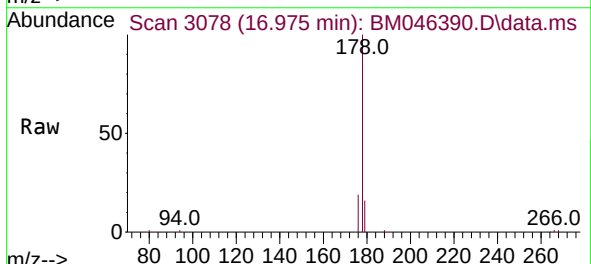
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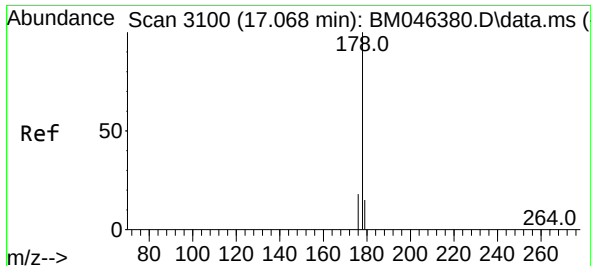
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 16.975 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

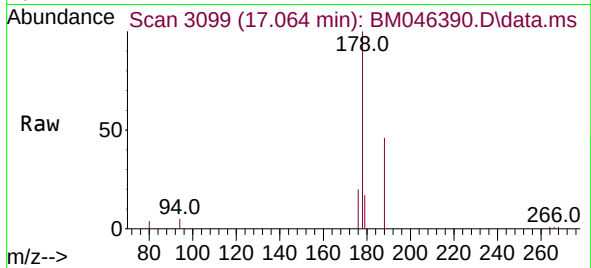
Tgt Ion:178 Resp: 14290
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.4 16.0 24.0





#16
 Anthracene
 Concen: 0.123 ng/ul
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046390.D
 Acq: 05 Jul 2024 20:12

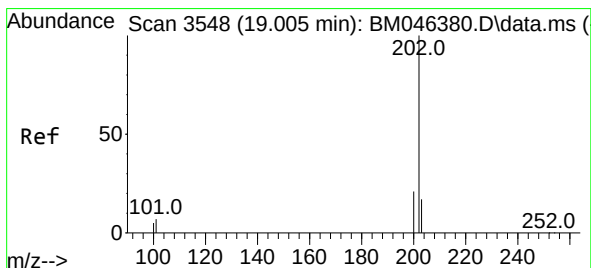
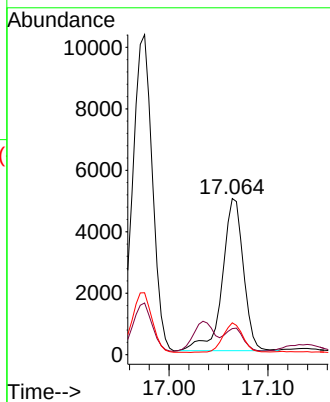
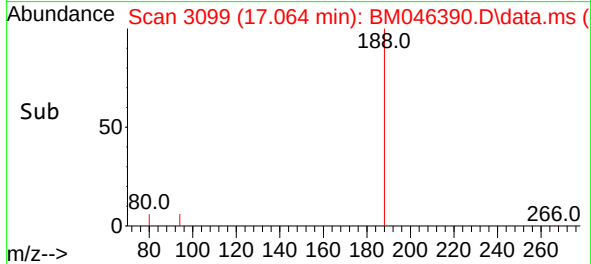
Instrument :
 BNA_M
 ClientSampleId :
 A4BB3



Tgt Ion:178 Resp: 7315
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.6 18.8
 176 20.4 14.9 22.3

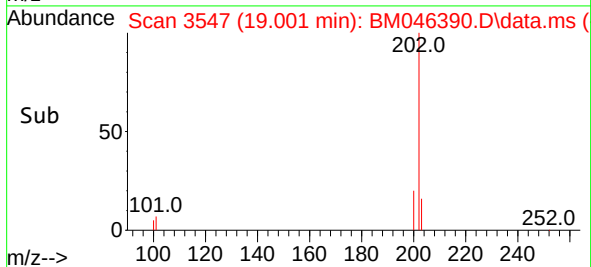
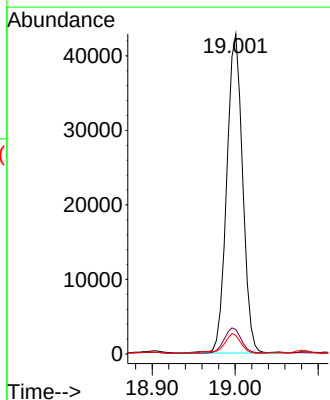
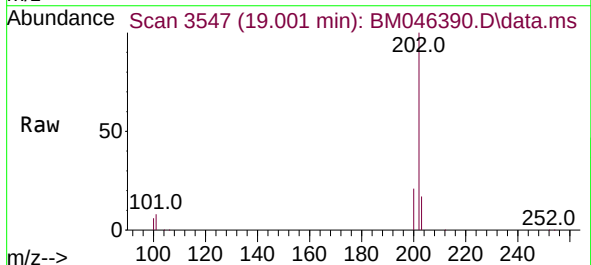
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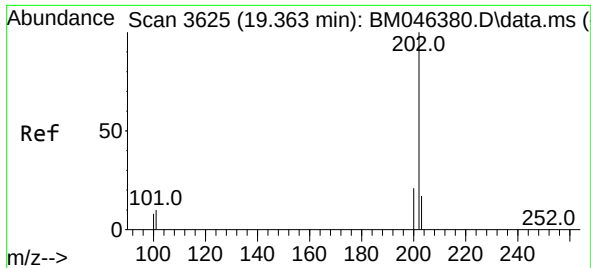
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 0.868 ng/ul
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046390.D
 Acq: 05 Jul 2024 20:12

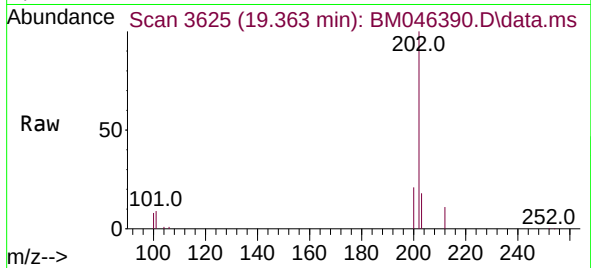
Tgt Ion:202 Resp: 56702
 Ion Ratio Lower Upper
 202 100
 101 7.7 6.3 9.5
 100 5.8 5.0 7.6





#20
Pyrene
Concen: 0.972 ng/u1
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

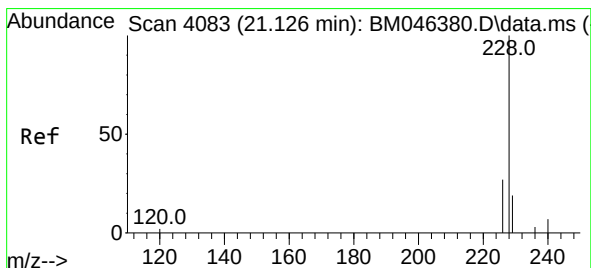
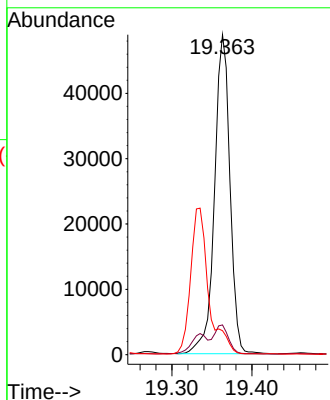
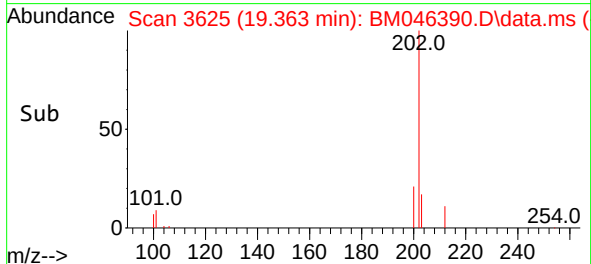
Instrument :
BNA_M
ClientSampleId :
A4BB3



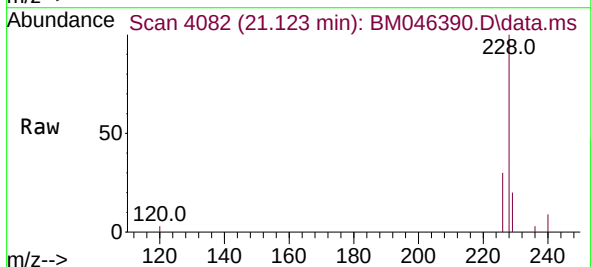
Tgt Ion:202 Resp: 65312
Ion Ratio Lower Upper
202 100
101 9.3 8.2 12.4
100 7.5 6.9 10.3

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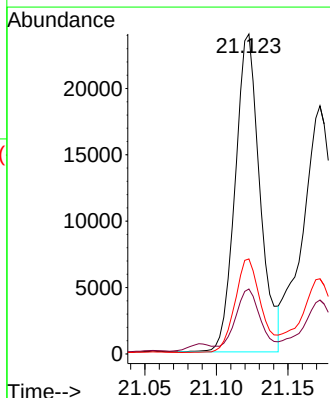
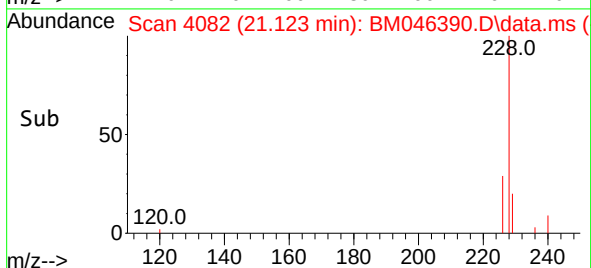
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

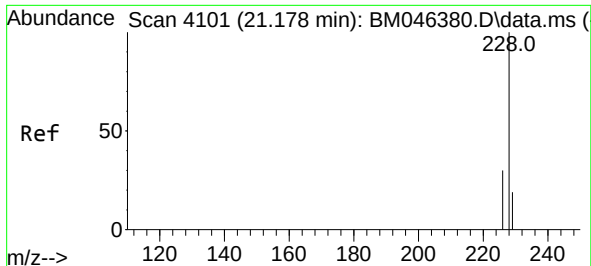


#21
Benzo(a)anthracene
Concen: 0.501 ng/u1
RT: 21.123 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12



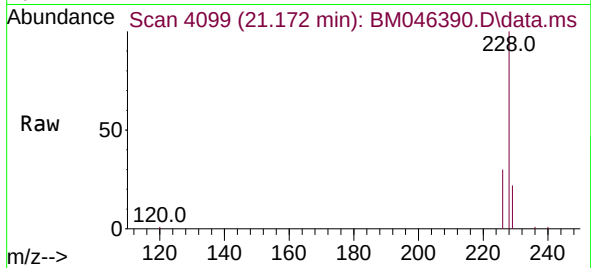
Tgt Ion:228 Resp: 28914
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.7 22.0 33.0





#22
Chrysene
Concen: 0.472 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

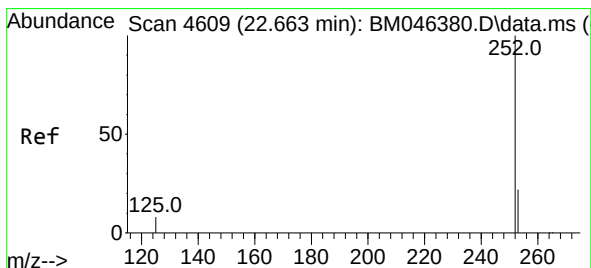
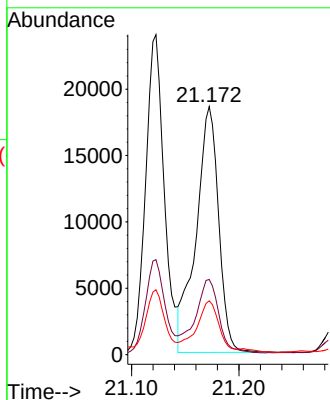
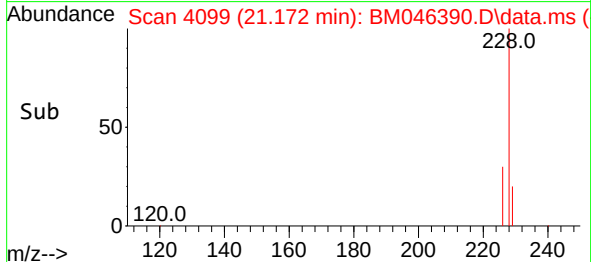
Instrument :
BNA_M
ClientSampleId :
A4BB3



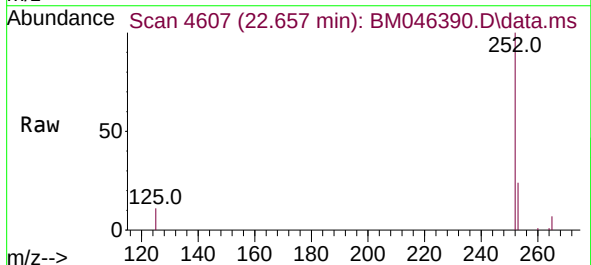
Tgt Ion:228 Resp: 27120
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.7 15.8 23.6

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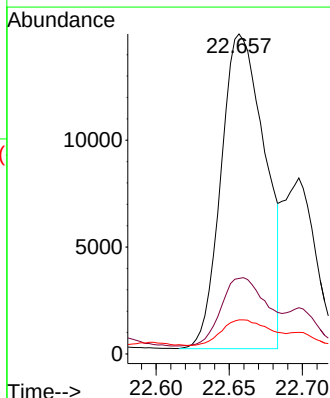
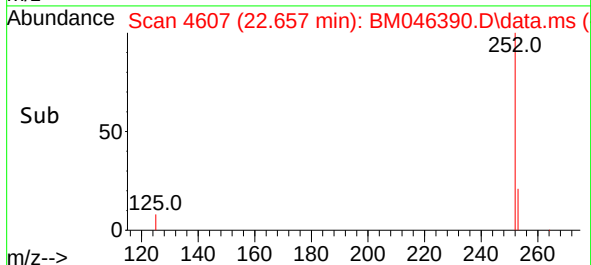
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

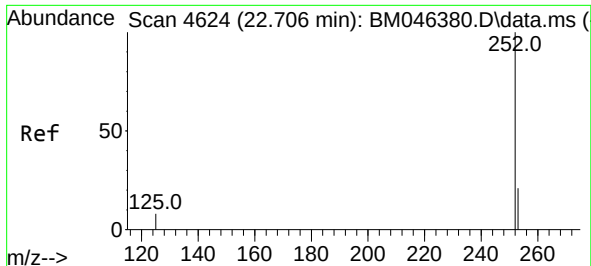


#24
Benzo(b)fluoranthene
Concen: 0.587 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12



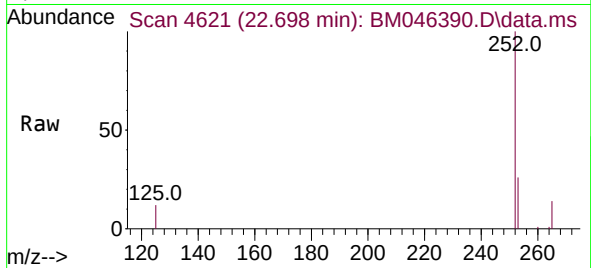
Tgt Ion:252 Resp: 30566
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.0
125 10.7 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

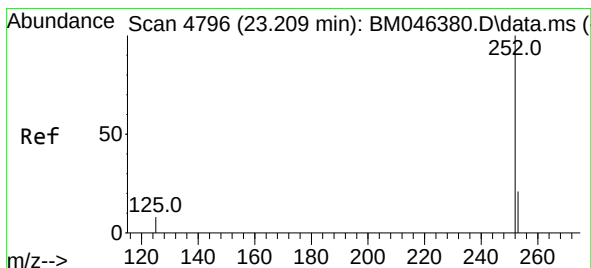
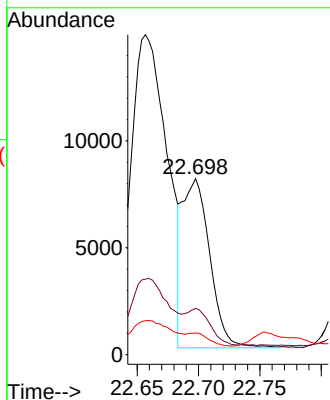
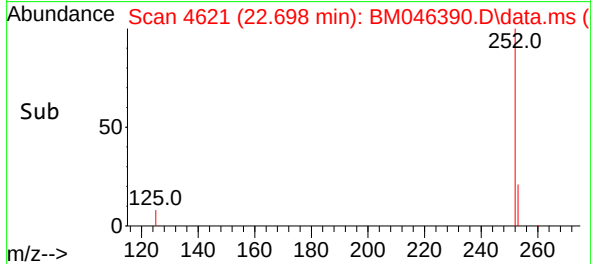
Instrument :
BNA_M
ClientSampleId :
A4BB3



Tgt Ion:252 Resp: 12303
Ion Ratio Lower Upper
252 100
253 26.2 18.4 27.6
125 12.3 7.5 11.3

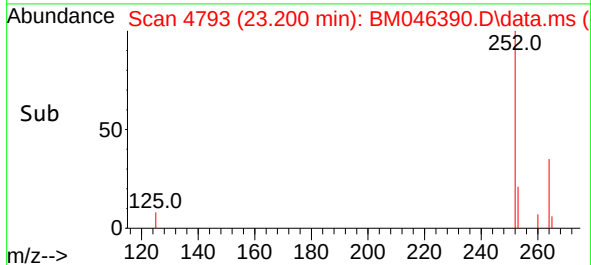
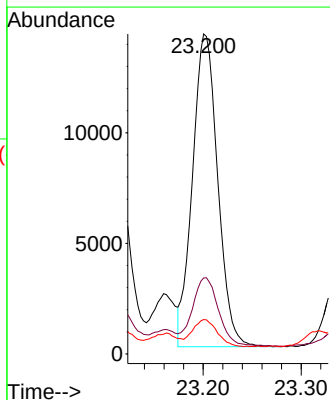
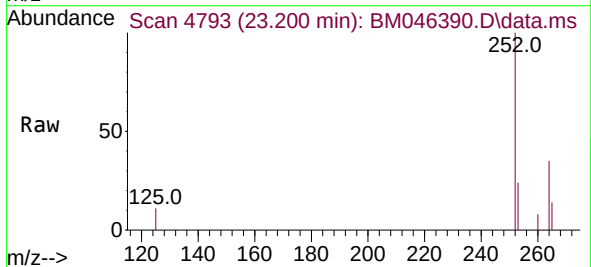
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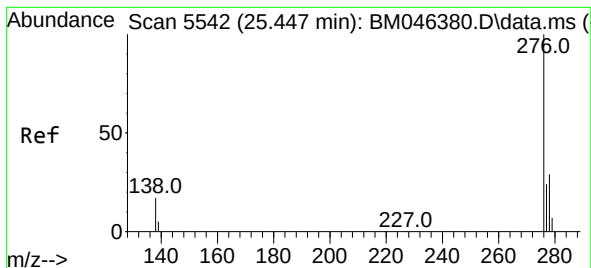
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 0.615 ng/ul
RT: 23.200 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

Tgt Ion:252 Resp: 25303
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 10.7 8.1 12.1





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.278 ng/ul

RT: 25.434 min Scan# 5538

Delta R.T. -0.013 min

Lab File: BM046390.D

Acq: 05 Jul 2024 20:12

Instrument :

BNA_M

ClientSampleId :

A4BB3

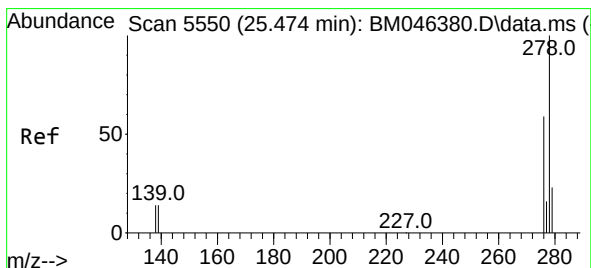
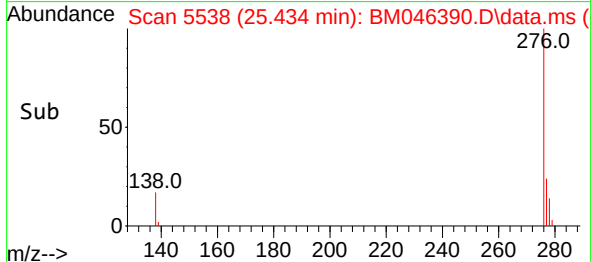
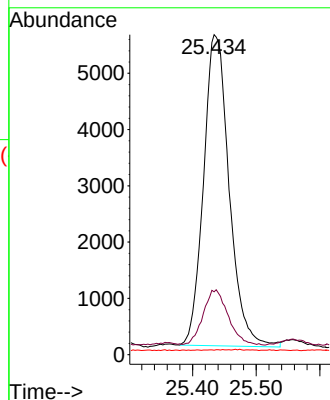
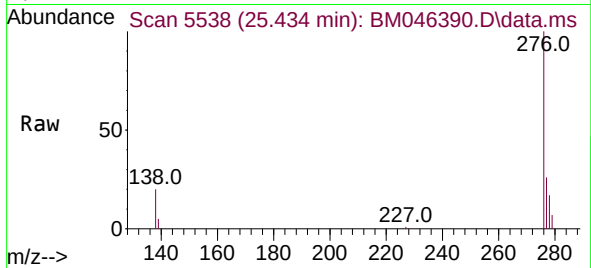
Tgt Ion:	276	Resp:	1547
Ion Ratio	Lower	Upper	
276	100		
138	17.4	15.7	23.5
227	0.0	0.1	0.1

Manual Integrations

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Supervised By :mohammad ahmed 07/08/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.080 ng/ul

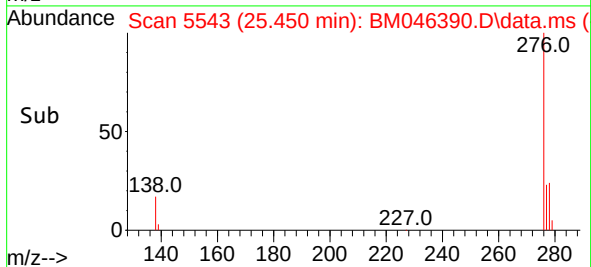
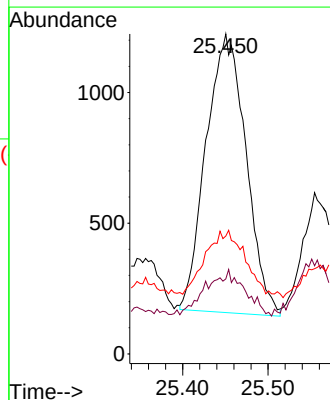
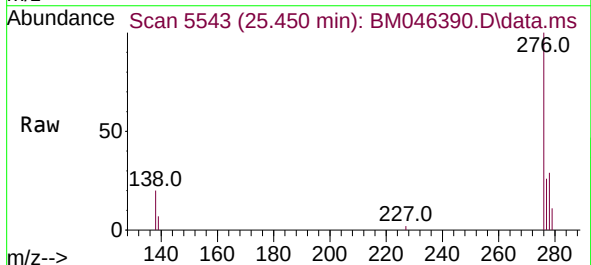
RT: 25.450 min Scan# 5543

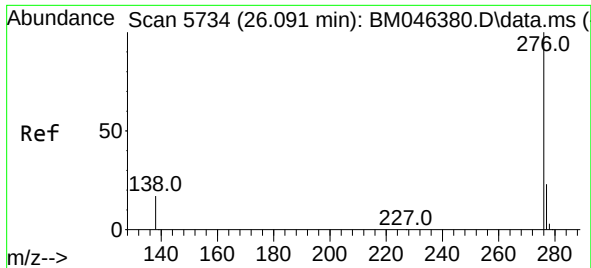
Delta R.T. -0.023 min

Lab File: BM046390.D

Acq: 05 Jul 2024 20:12

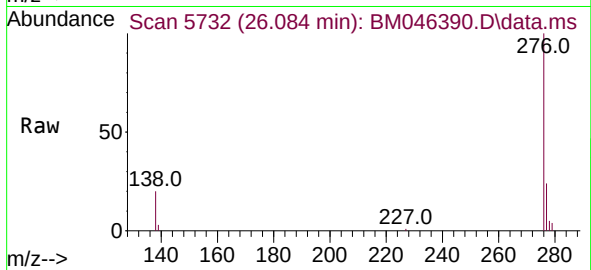
Tgt Ion:	278	Resp:	3461
Ion Ratio	Lower	Upper	
278	100		
139	23.4	12.6	18.8#
279	36.8	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.365 ng/ul
RT: 26.084 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046390.D
Acq: 05 Jul 2024 20:12

Instrument :
BNA_M
ClientSampleId :
A4BB3



Tgt Ion:276 Resp: 16198
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.0
277 24.4 19.7 29.5

Manual Integrations
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Supervised By :mohammad ahmed 07/08/2024

