

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046602.D
 Acq On : 15 Jul 2024 18:50
 Operator : MA/JU
 Sample : P3035-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CD0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:24:42 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	3732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	10412	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	7114	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.903	188	15984m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	12098	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	11463m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7279	2.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.865	152	3823	0.228	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9942	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	666	0.021	ng/ul#	70
15) Phenanthrene	16.941	178	6958	0.153	ng/ul	99
16) Anthracene	17.034	178	1221	0.027	ng/ul#	86
19) Fluoranthene	18.968	202	19830	0.399	ng/ul	99
20) Pyrene	19.335	202	15991m	0.297	ng/ul	
21) Benzo(a)anthracene	21.091	228	7654	0.143	ng/ul	98
22) Chrysene	21.143	228	9315	0.180	ng/ul	98
24) Benzo(b)fluoranthene	22.616	252	13114m	0.286	ng/ul	
25) Benzo(k)fluoranthene	22.654	252	4582m	0.102	ng/ul	
26) Benzo(a)pyrene	23.157	252	7400	0.196	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.367	276	6777	0.118	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.377	278	1599	0.035	ng/ul#	3
29) Benzo(g,h,i)perylene	26.014	276	6501	0.142	ng/ul#	91

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

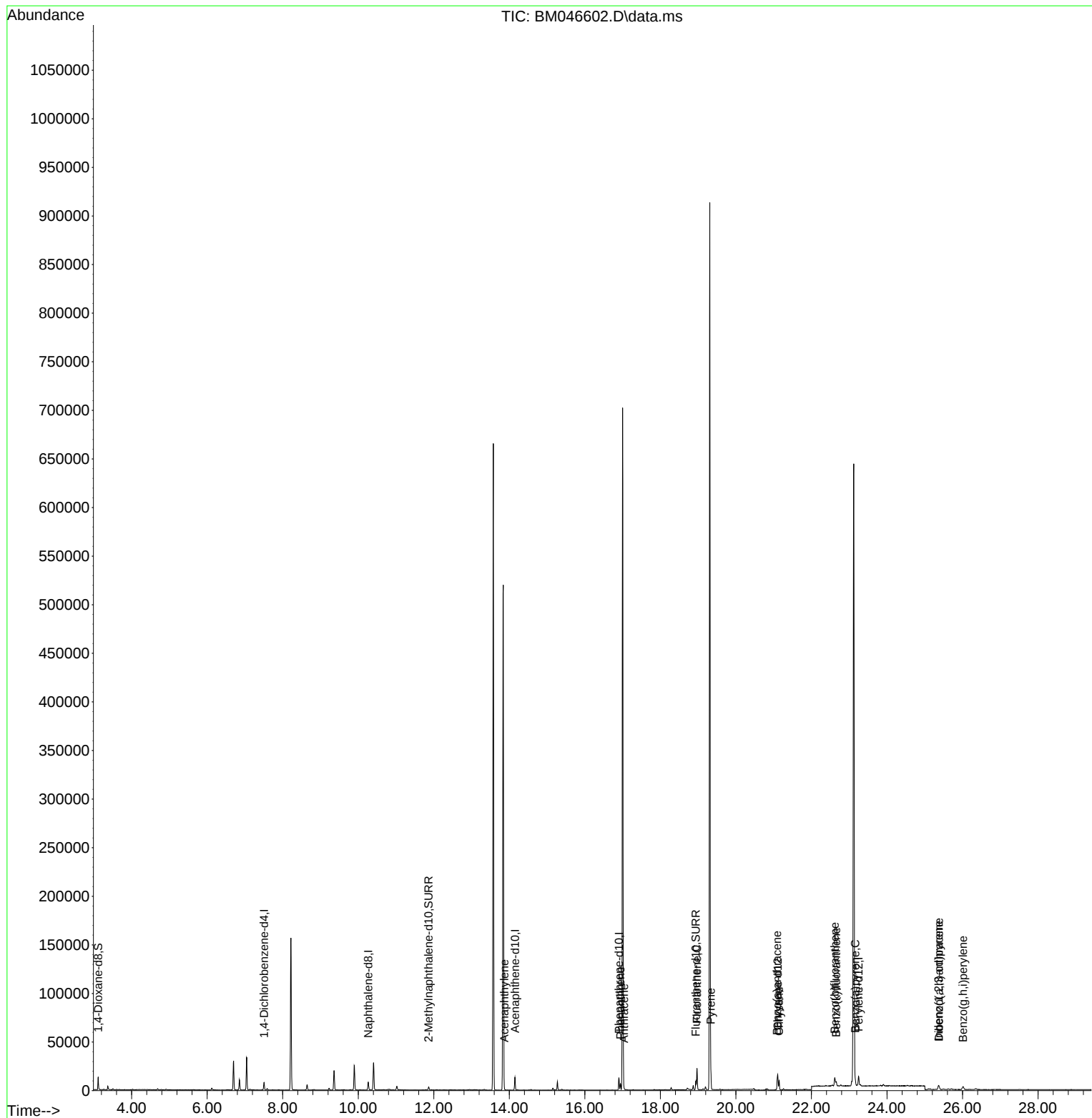
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046602.D
Acq On : 15 Jul 2024 18:50
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ALS Vial : 12 Sample Multiplier: 1

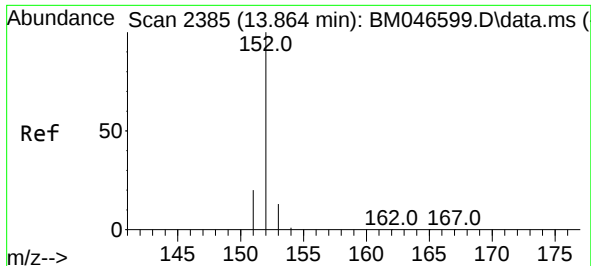
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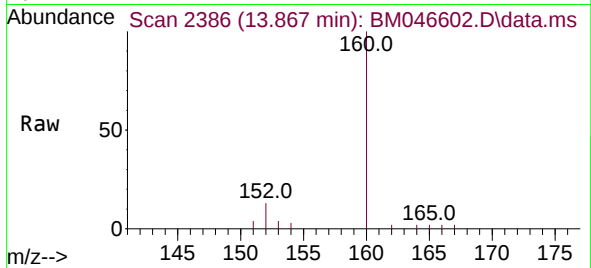
Quant Time: Jul 16 00:24:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

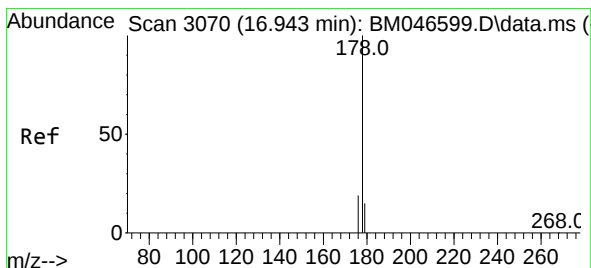
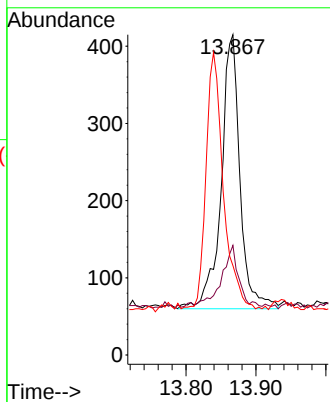
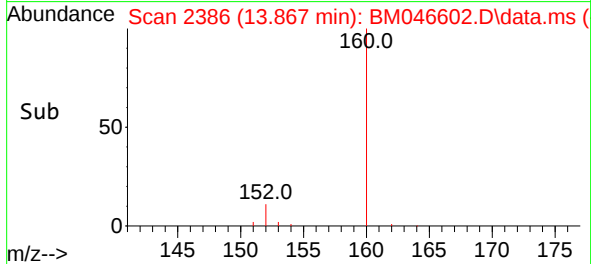
Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:152 Resp: 660
Ion Ratio Lower Upper
152 100
151 34.2 16.4 24.6
153 28.0 12.4 18.6

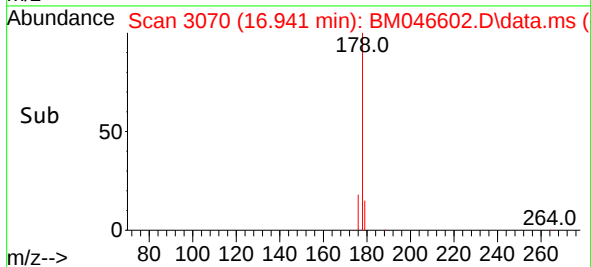
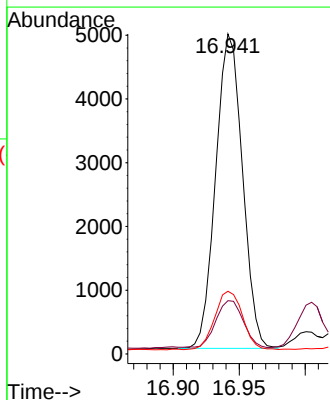
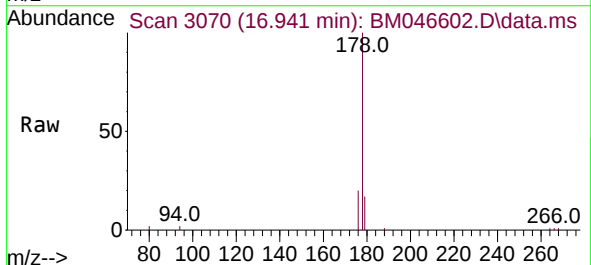
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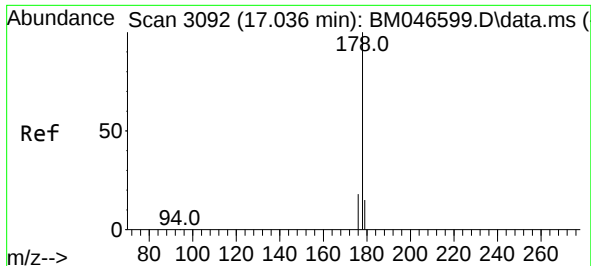
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 0.153 ng/ul
RT: 16.941 min Scan# 3070
Delta R.T. -0.002 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

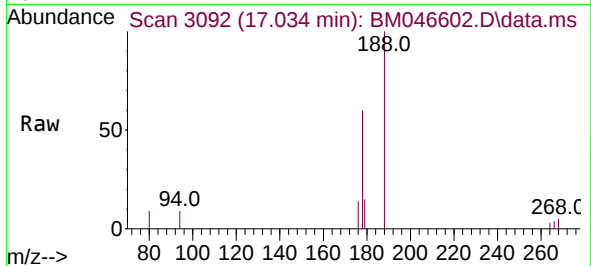
Tgt Ion:178 Resp: 6958
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 19.6 16.0 24.0





#16
 Anthracene
 Concen: 0.027 ng/u1
 RT: 17.034 min Scan# 3092
 Delta R.T. 0.002 min
 Lab File: BM046602.D
 Acq: 15 Jul 2024 18:50

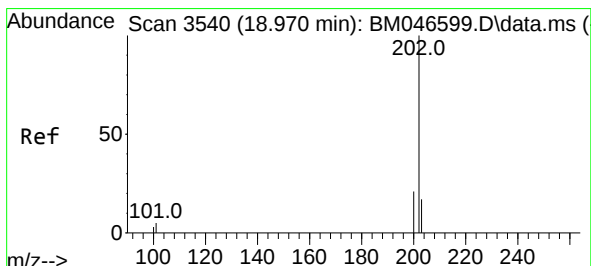
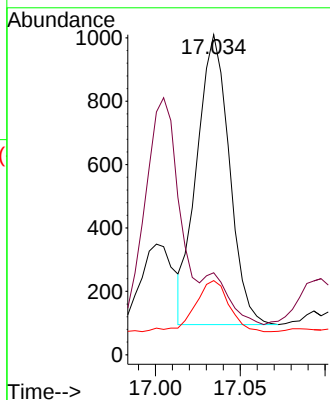
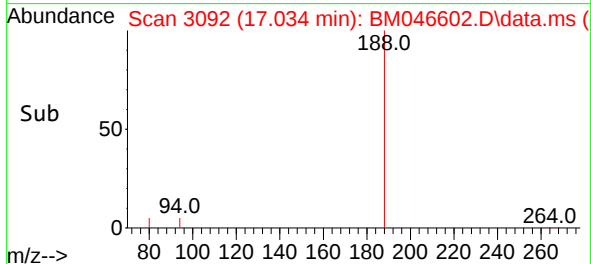
Instrument :
 BNA_M
 ClientSampleId :
 A4CD0



Tgt Ion:178 Resp: 122
 Ion Ratio Lower Upper
 178 100
 179 25.6 13.5 20.3
 176 23.2 15.7 23.5

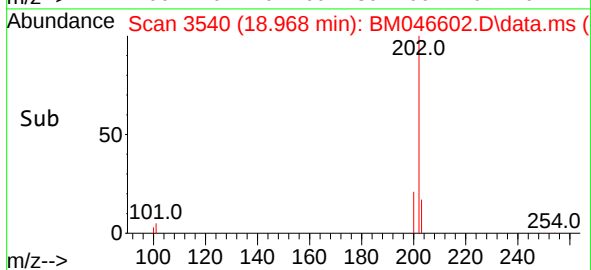
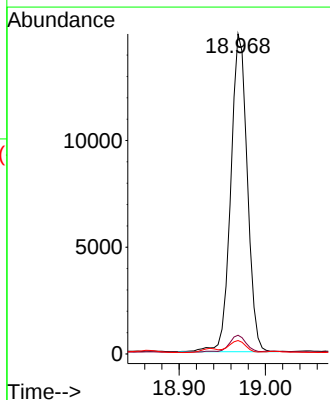
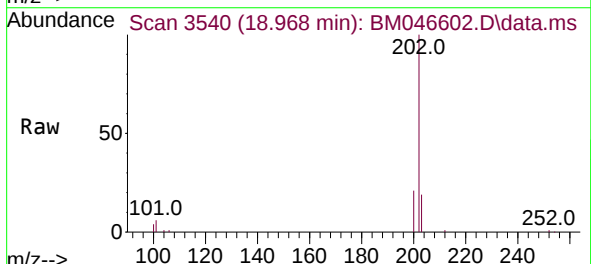
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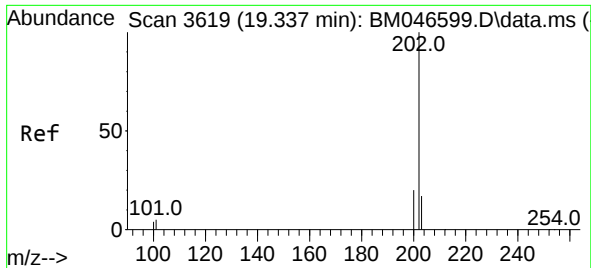
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 0.399 ng/u1
 RT: 18.968 min Scan# 3540
 Delta R.T. -0.002 min
 Lab File: BM046602.D
 Acq: 15 Jul 2024 18:50

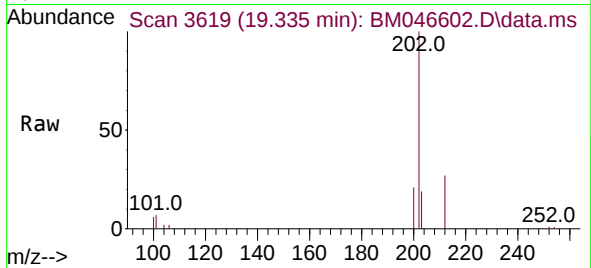
Tgt Ion:202 Resp: 19830
 Ion Ratio Lower Upper
 202 100
 101 5.9 4.6 6.8
 100 4.2 3.0 4.6





#20
Pyrene
Concen: 0.297 ng/ul m
RT: 19.335 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

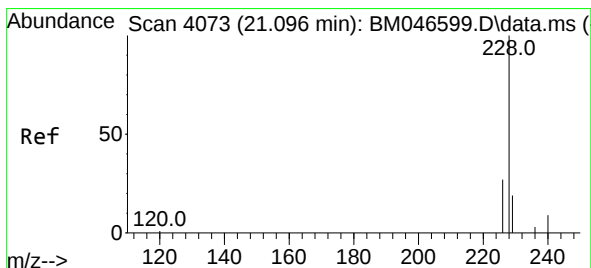
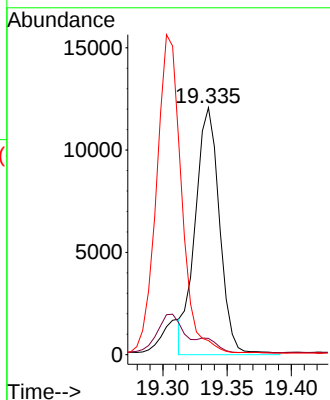
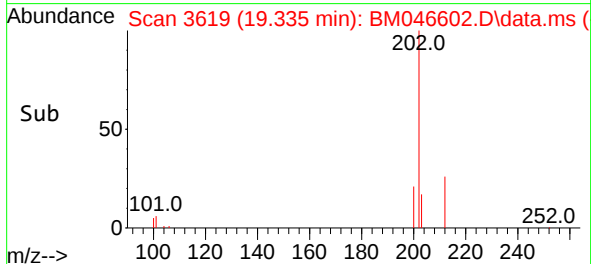
Instrument :
BNA_M
ClientSampleId :
A4CD0



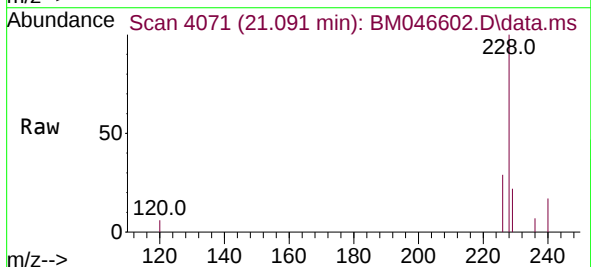
Tgt Ion:202 Resp: 1599
Ion Ratio Lower Upper
202 100
101 6.6 5.1 7.7
100 5.7 3.8 5.6

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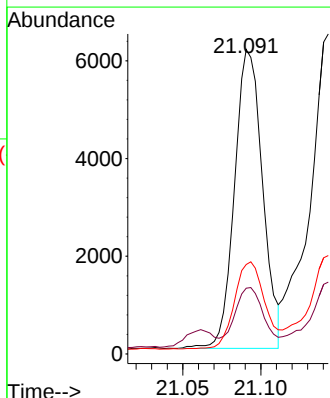
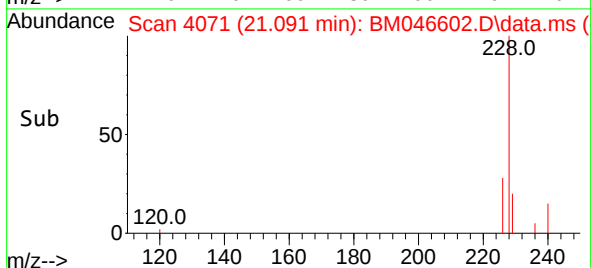
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

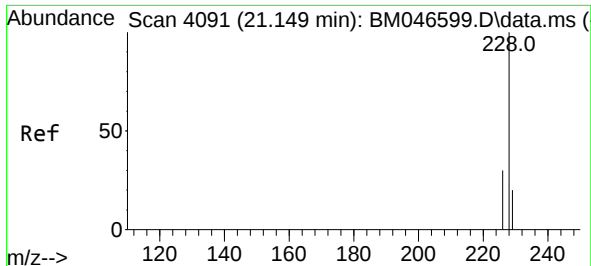


#21
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.091 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50



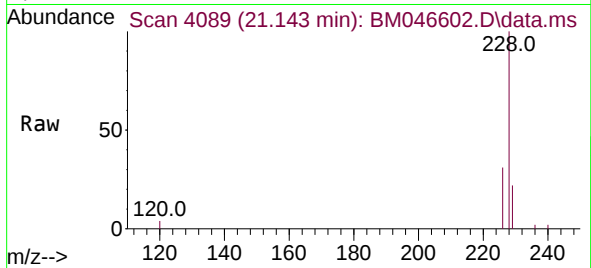
Tgt Ion:228 Resp: 7654
Ion Ratio Lower Upper
228 100
229 21.6 16.5 24.7
226 29.4 22.5 33.7





#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.143 min Scan# 4091
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

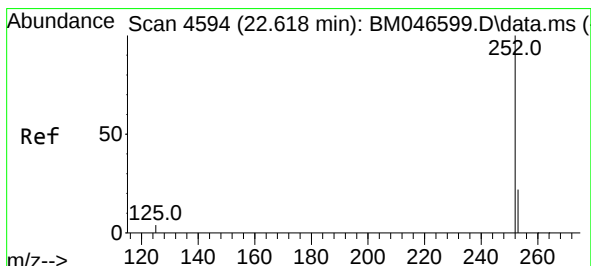
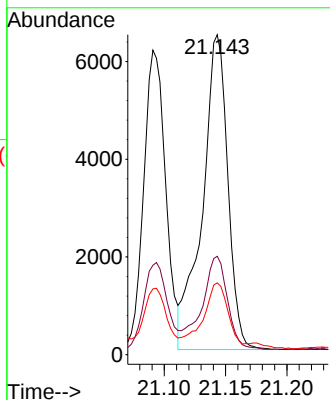
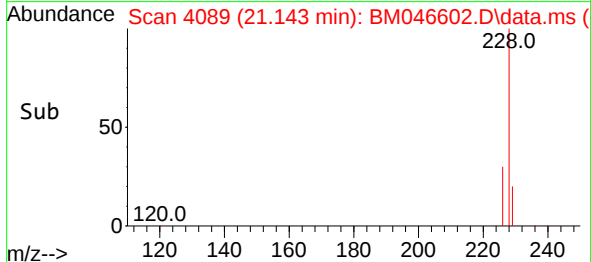
Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:228 Resp: 931
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.4 16.4 24.6

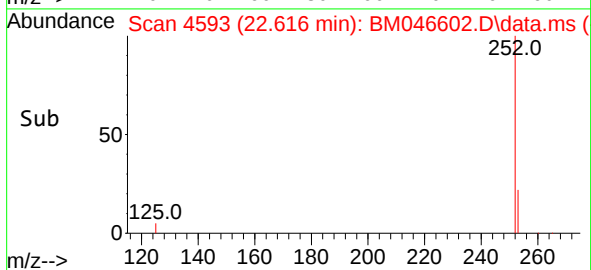
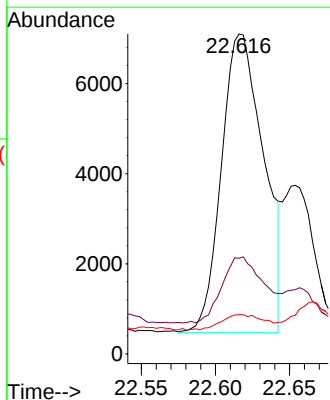
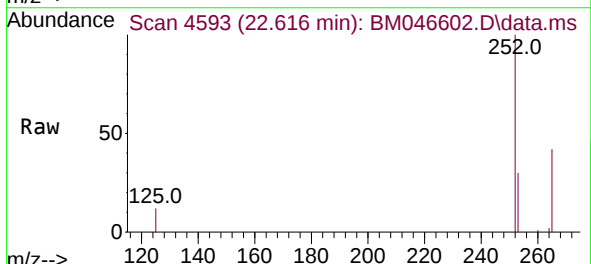
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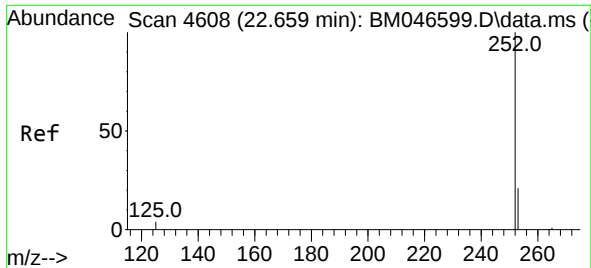
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.286 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. 0.006 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

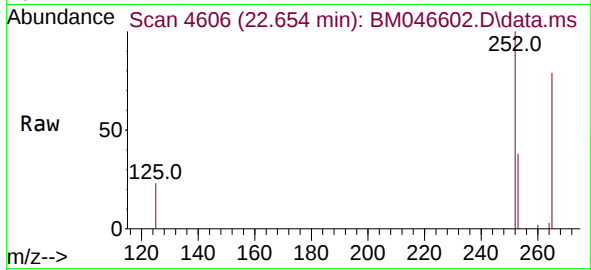
Tgt Ion:252 Resp: 13114
Ion Ratio Lower Upper
252 100
253 29.9 0.0 56.2
125 12.3 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

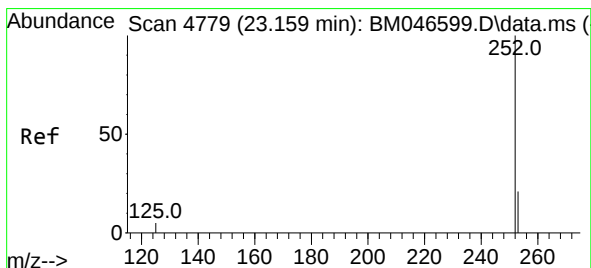
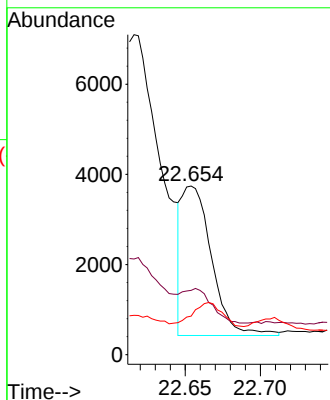
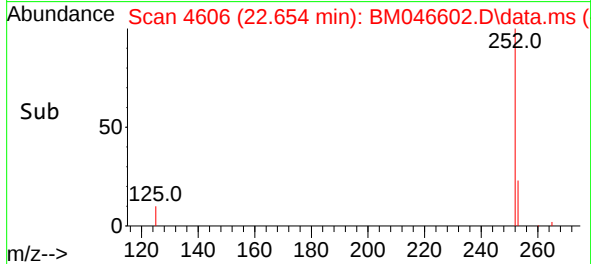
Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:252 Resp: 4582
Ion Ratio Lower Upper
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253 38.1 22.4 33.6
125 22.9 7.0 10.4

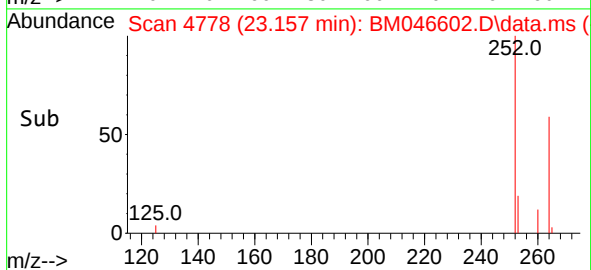
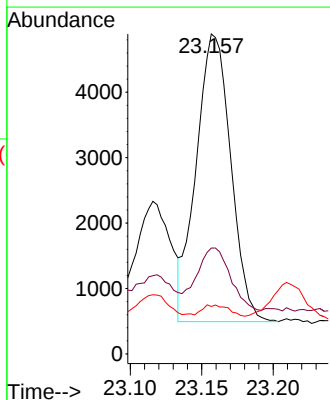
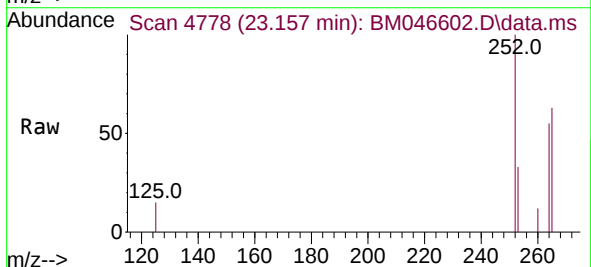
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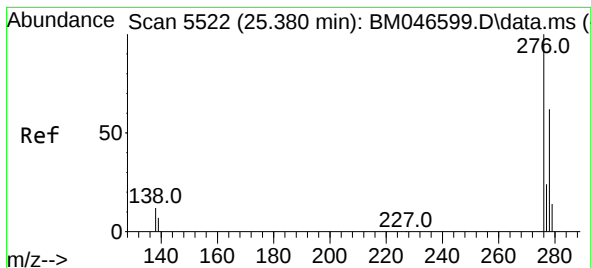
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.157 min Scan# 4778
Delta R.T. 0.006 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

Tgt Ion:252 Resp: 7400
Ion Ratio Lower Upper
252 100
253 33.1 24.0 36.0
125 14.8 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.118 ng/ul

RT: 25.367 min Scan# 5518

Delta R.T. 0.007 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

Instrument :

BNA_M

ClientSampleId :

A4CD0

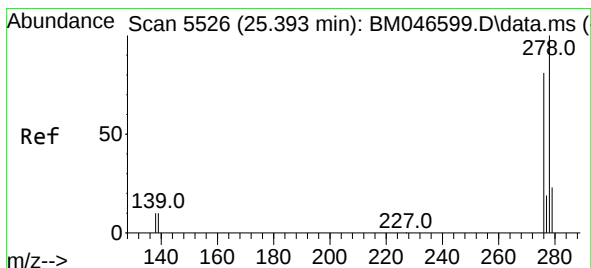
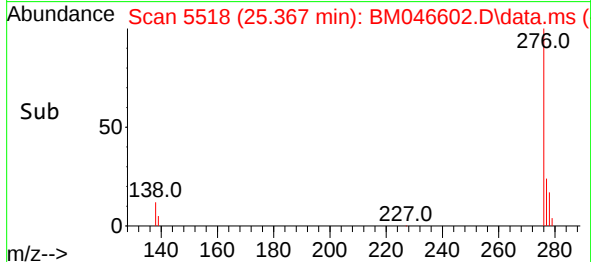
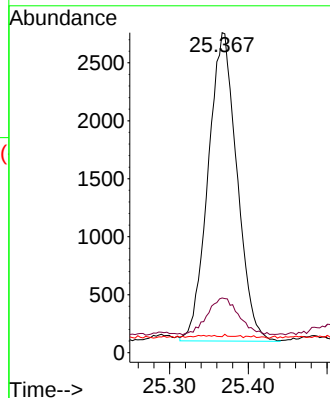
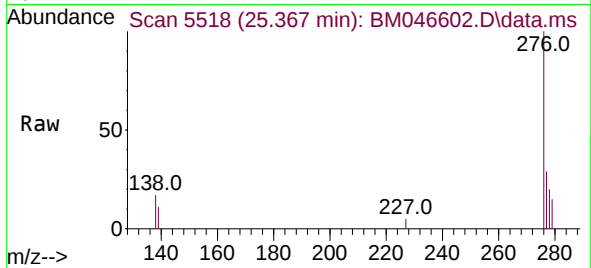
Tgt Ion:	276	Resp:	677
Ion Ratio	Lower	Upper	
276	100		
138	13.0	0.0	0.0
227	0.2	0.2	0.2

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

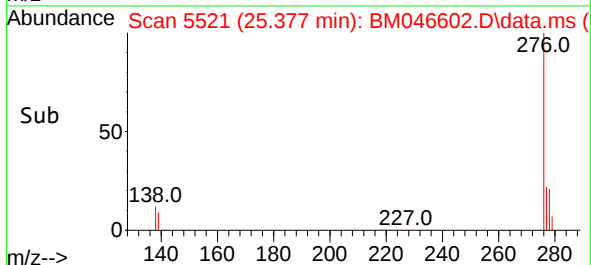
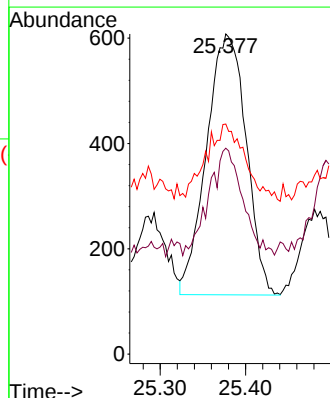
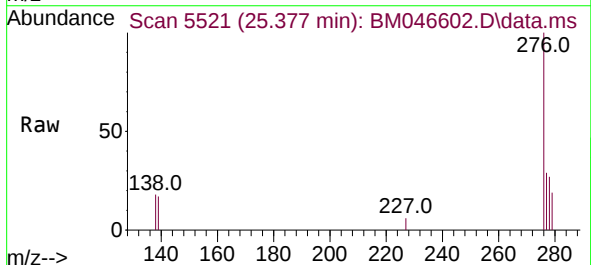
RT: 25.377 min Scan# 5521

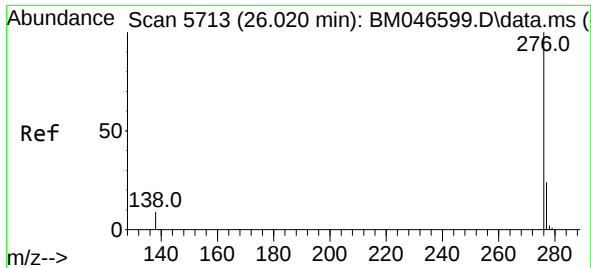
Delta R.T. -0.007 min

Lab File: BM046602.D

Acq: 15 Jul 2024 18:50

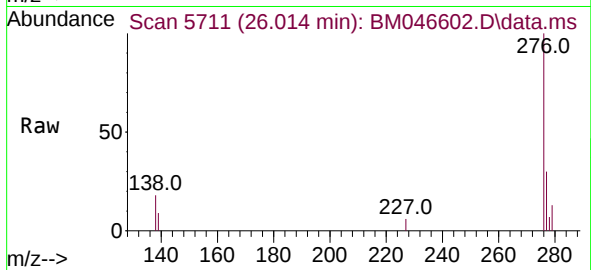
Tgt Ion:	278	Resp:	1599
Ion Ratio	Lower	Upper	
278	100		
139	64.3	9.1	13.7#
279	71.9	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.142 ng/ul
RT: 26.014 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046602.D
Acq: 15 Jul 2024 18:50

Instrument :
BNA_M
ClientSampleId :
A4CD0



Tgt Ion:276 Resp: 650
Ion Ratio Lower Upper
276 100
138 17.6 10.2 15.4
277 29.9 20.9 31.3

Manual Integrations
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Supervised By :mohammad ahmed 07/18/2024

