

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046071.D
 Acq On : 19 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2696-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 08:25:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4090	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.205	136	11232	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.081	164	5983	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	12661m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.029	240	10382m	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	11772m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	15179	2.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	3221	0.214	ng/ul	-0.03
18) Fluoranthene-d10	18.858	212	7770	0.250	ng/ul	-0.03
Target Compounds						Qvalue
15) Phenanthrene	16.863	178	1280m	0.036	ng/ul	
19) Fluoranthene	18.886	202	4323	0.096	ng/ul#	94
20) Pyrene	19.248	202	3762	0.077	ng/ul#	80
21) Benzo(a)anthracene	21.014	228	2168	0.054	ng/ul#	85
22) Chrysene	21.064	228	2326	0.045	ng/ul#	86
24) Benzo(b)fluoranthene	22.504	252	3547m	0.084	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	1591m	0.032	ng/ul	
26) Benzo(a)pyrene	23.028	252	2046	0.052	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	25.185	276	2104	0.033	ng/ul#	99
29) Benzo(g,h,i)perylene	25.806	276	2195	0.040	ng/ul#	59

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

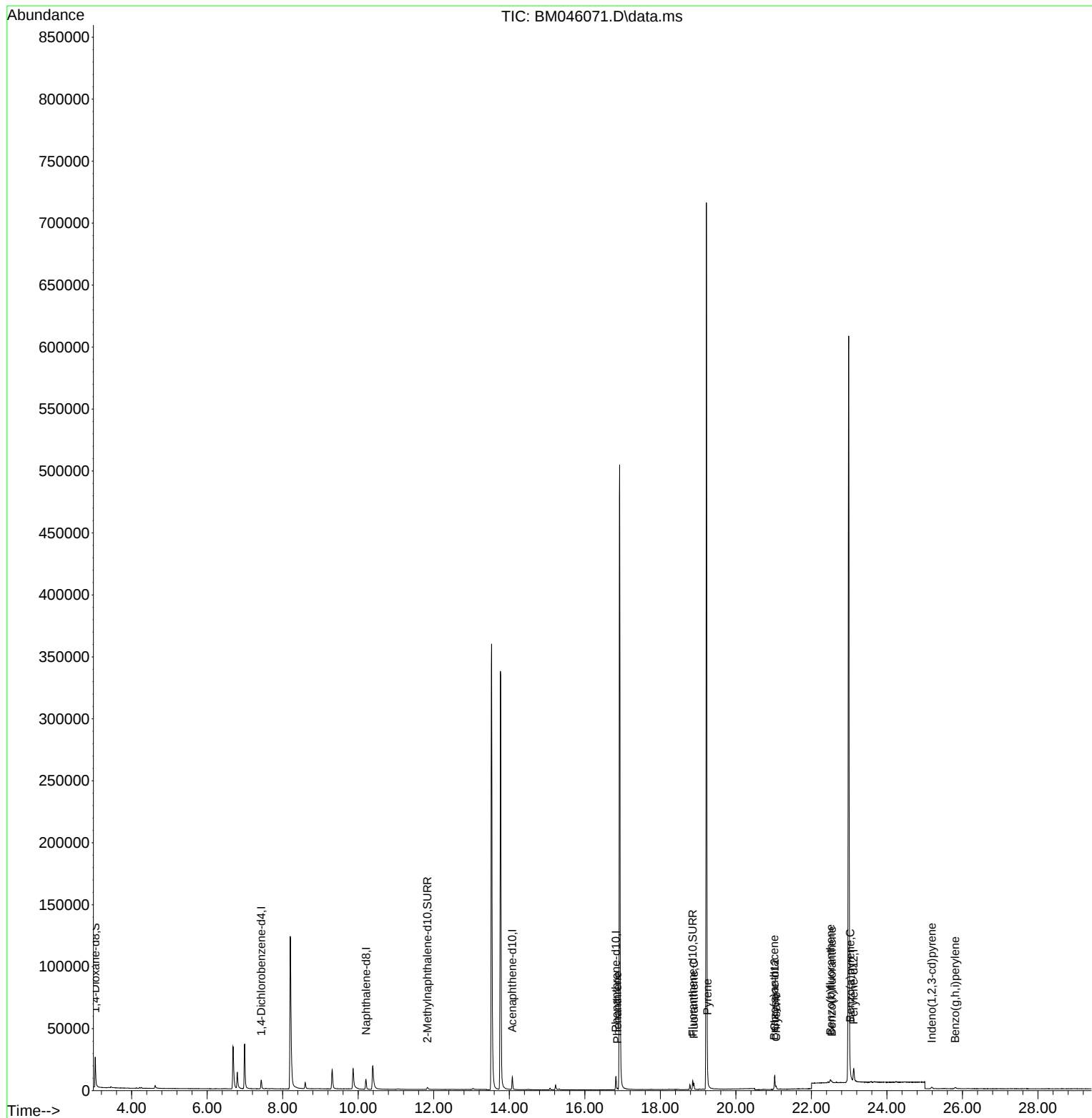
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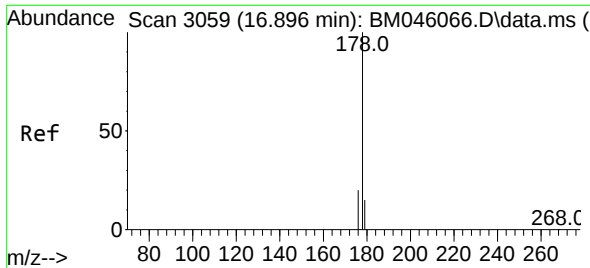
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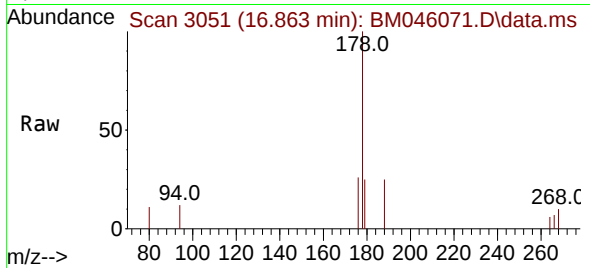
Quant Time: Jun 19 08:25:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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#15
Phenanthrene
Concen: 0.036 ng/ul m
RT: 16.863 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

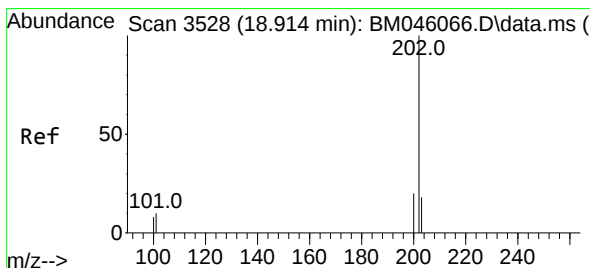
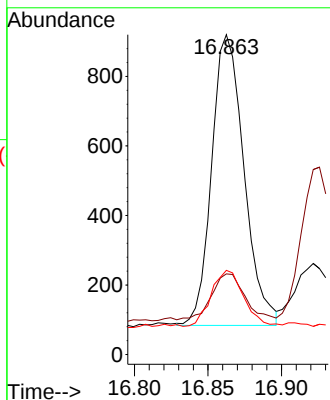
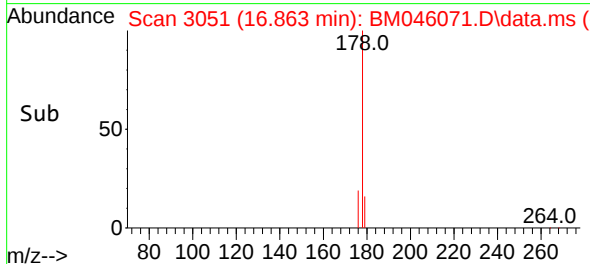
Instrument :
BNA_M
ClientSampleId :
A4BK6



Tgt Ion:178 Resp: 1280
Ion Ratio Lower Upper
178 100
179 25.2 14.2 21.2
176 26.3 17.1 25.7

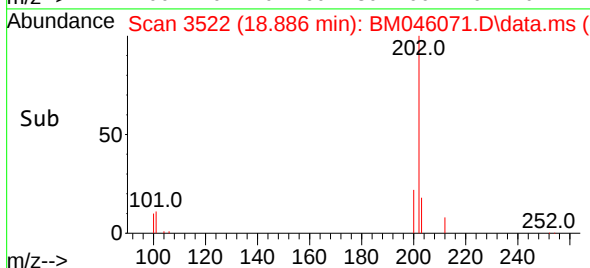
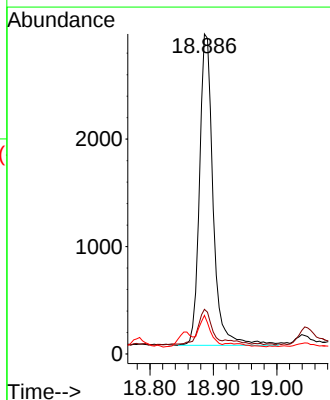
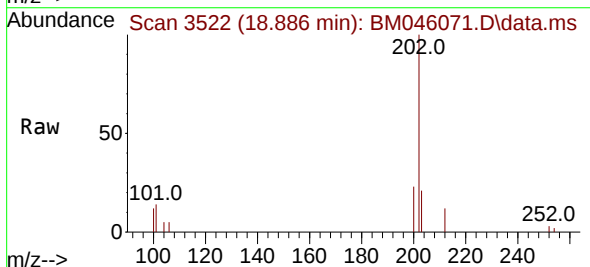
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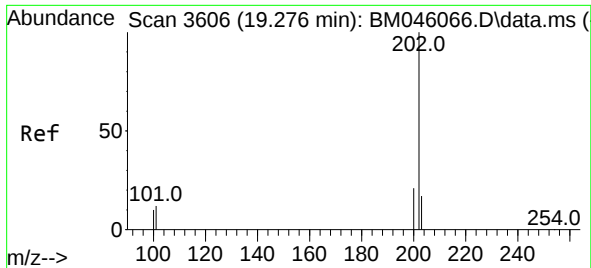
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#19
Fluoranthene
Concen: 0.096 ng/ul
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

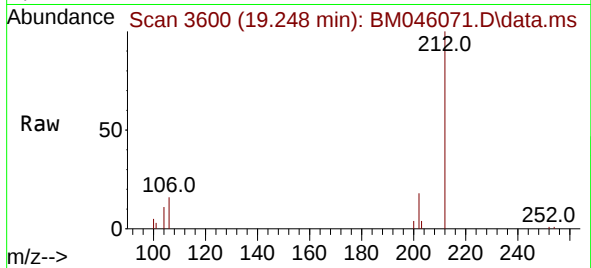
Tgt Ion:202 Resp: 4323
Ion Ratio Lower Upper
202 100
101 14.0 9.6 14.4
100 12.1 7.6 11.4





#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.248 min Scan# 3600
Delta R.T. -0.027 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

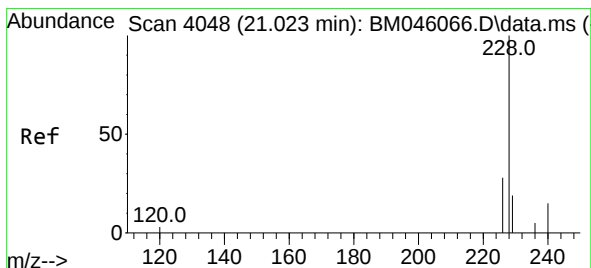
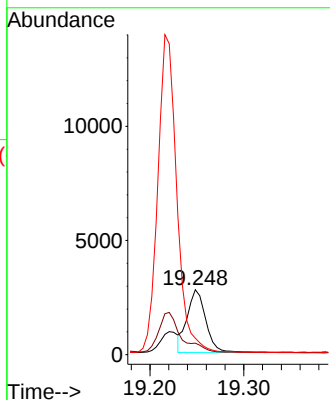
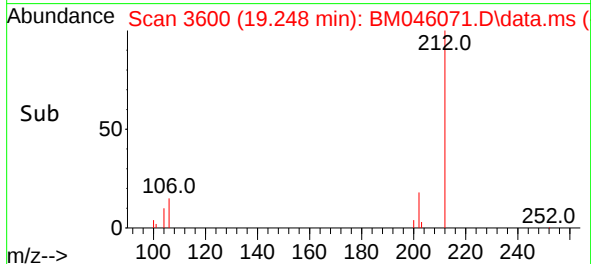
Instrument :
BNA_M
ClientSampleId :
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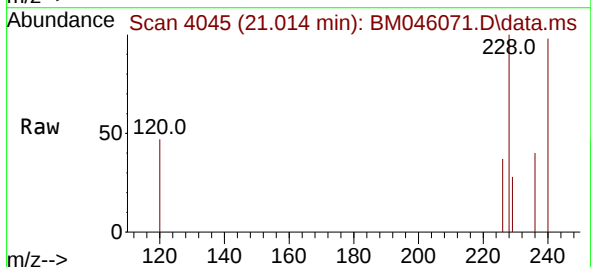
Tgt Ion:202 Resp: 3762
Ion Ratio Lower Upper
202 100
101 17.8 11.3 16.9#
100 25.3 9.8 14.6#

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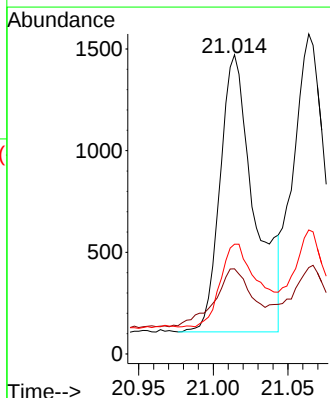
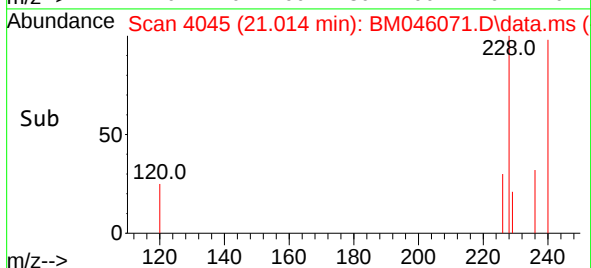
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Supervised By :mohammad ahmed 06/21/2024

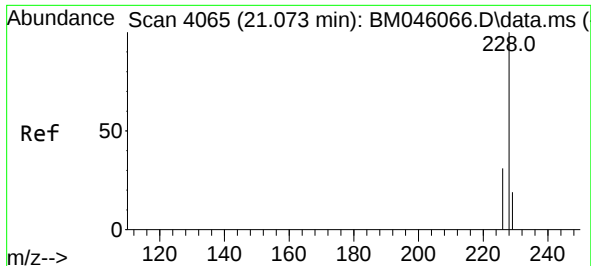


#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.014 min Scan# 4045
Delta R.T. -0.015 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54



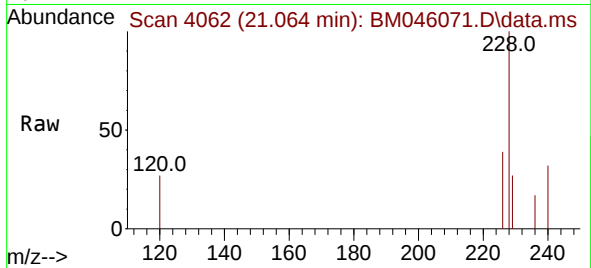
Tgt Ion:228 Resp: 2168
Ion Ratio Lower Upper
228 100
229 28.5 16.4 24.6#
226 36.7 23.4 35.2#





#22
Chrysene
Concen: 0.045 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

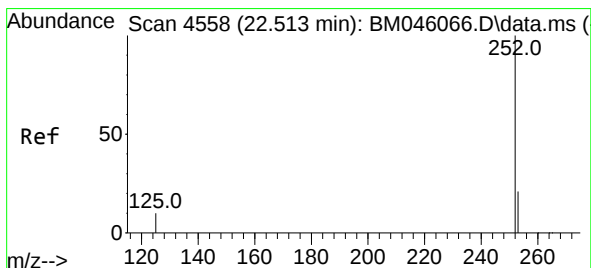
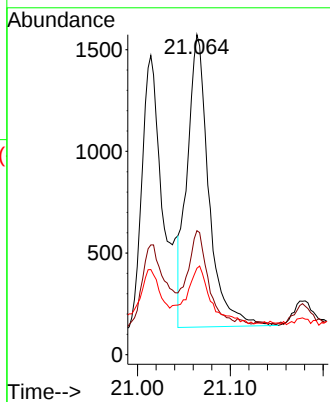
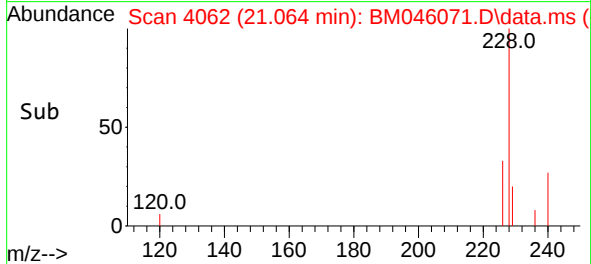
Instrument :
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Tgt Ion:228 Resp: 2320
Ion Ratio Lower Upper
228 100
226 38.8 25.2 37.8
229 27.0 16.3 24.5

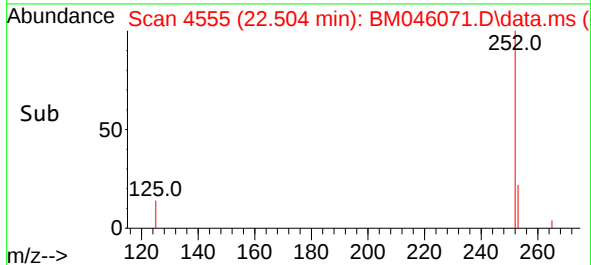
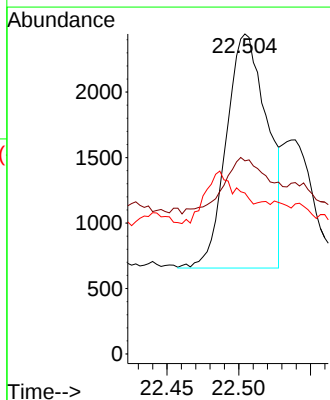
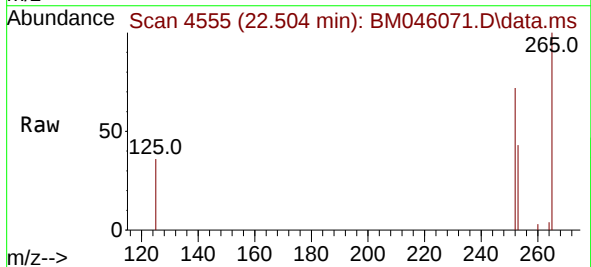
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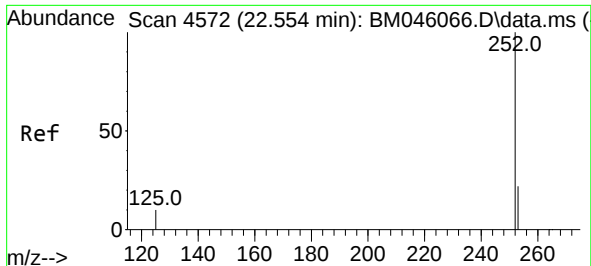
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

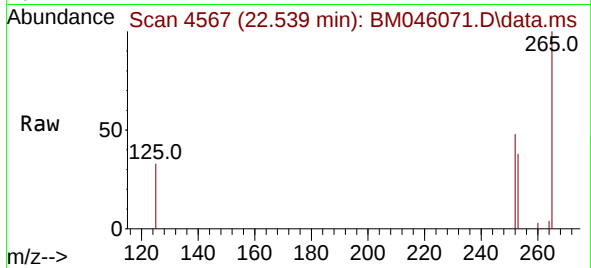
Tgt Ion:252 Resp: 3547
Ion Ratio Lower Upper
252 100
253 60.4 0.0 65.8
125 50.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

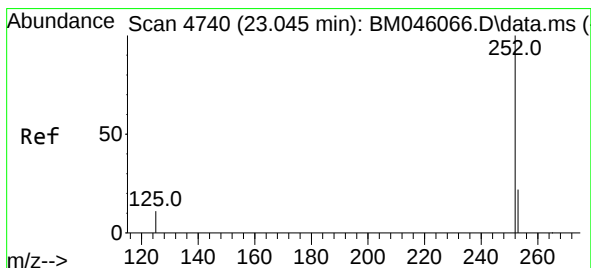
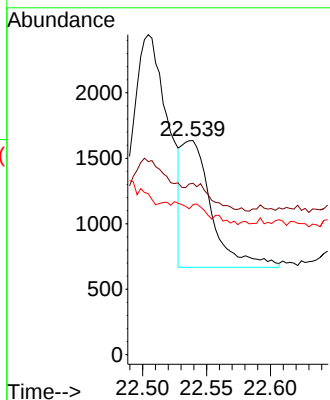
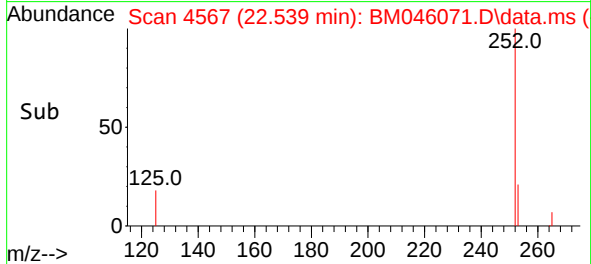
Instrument :
BNA_M
ClientSampleId :
A4BK6



Tgt Ion:252 Resp: 159
Ion Ratio Lower Upper
252 100
253 80.1 27.2 40.8
125 70.1 16.6 25.0

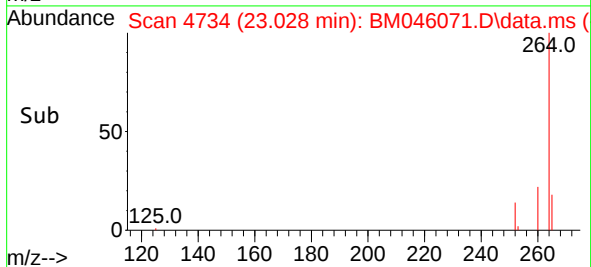
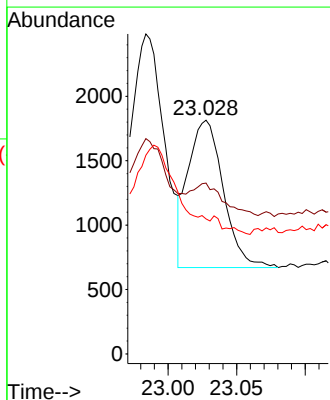
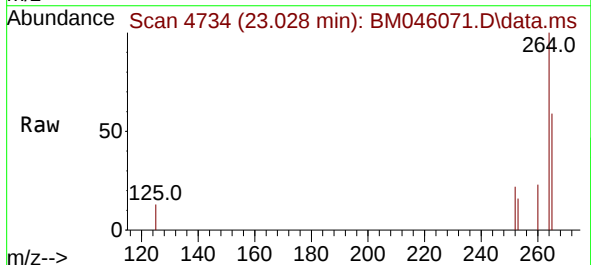
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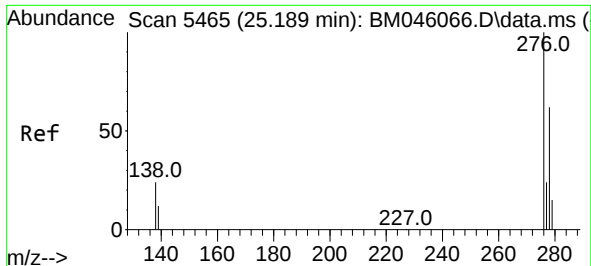
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

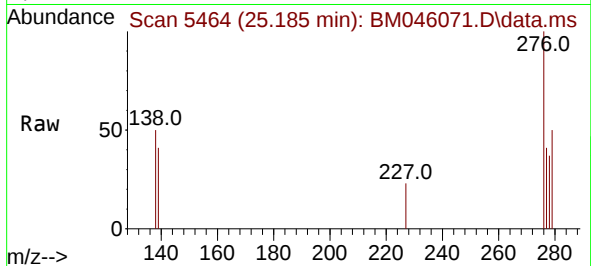
Tgt Ion:252 Resp: 2046
Ion Ratio Lower Upper
252 100
253 73.1 32.1 48.1#
125 57.7 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.185 min Scan# 5465
Delta R.T. -0.017 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54

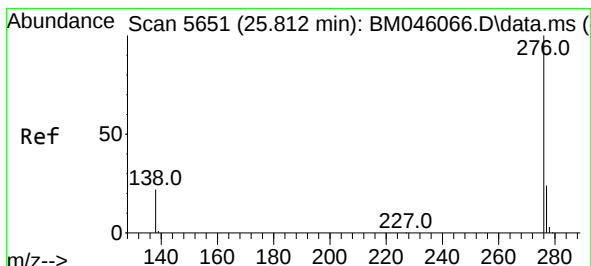
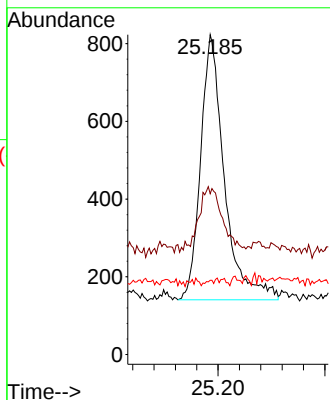
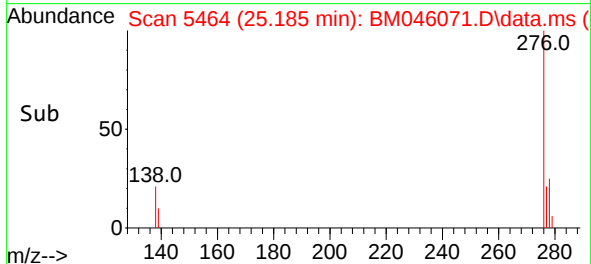
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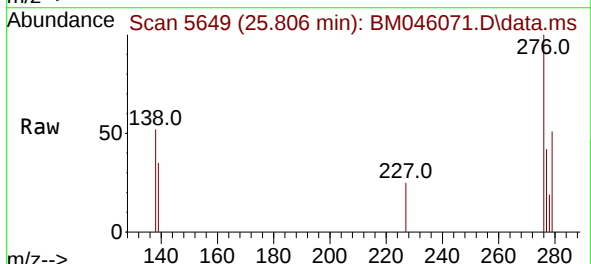
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Ion Ratio Lower Upper
276 100
138 26.6 21.0 31.4
227 0.7 0.0 0.0

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#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.024 min
Lab File: BM046071.D
Acq: 19 Jun 2024 03:54



Tgt Ion:276 Resp: 2195
Ion Ratio Lower Upper
276 100
138 52.1 21.7 32.5#
277 42.4 20.4 30.6#

