

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046101.D
 Acq On : 20 Jun 2024 00:19
 Operator : MA/JU
 Sample : P2695-14DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 00:49:09 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	7.438	152	2927	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.233	136	7991	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	4582	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.833	188	9027	0.400	ng/ul	-0.03
17) Chrysene-d12	21.026	240	6981	0.400	ng/ul	-0.02
23) Perylene-d12	23.118	264	8062m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	3223	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	512	0.048	ng/ul	0.01
18) Fluoranthene-d10	18.863	212	1262	0.060	ng/ul	-0.02
Target Compounds						
					Qvalue	
15) Phenanthrene	16.871	178	6532	0.258	ng/ul	99
16) Anthracene	16.964	178	1187	0.063	ng/ul#	75
19) Fluoranthene	18.891	202	15119	0.500	ng/ul	99
20) Pyrene	19.253	202	10641	0.326	ng/ul	99
21) Benzo(a)anthracene	21.014	228	5552	0.206	ng/ul	96
22) Chrysene	21.064	228	6352	0.185	ng/ul	97
24) Benzo(b)fluoranthene	22.502	252	10127m	0.349	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	3833m	0.111	ng/ul	
26) Benzo(a)pyrene	23.025	252	3368	0.125	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.175	276	3938	0.089	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.175	278	1170	0.036	ng/ul#	26

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

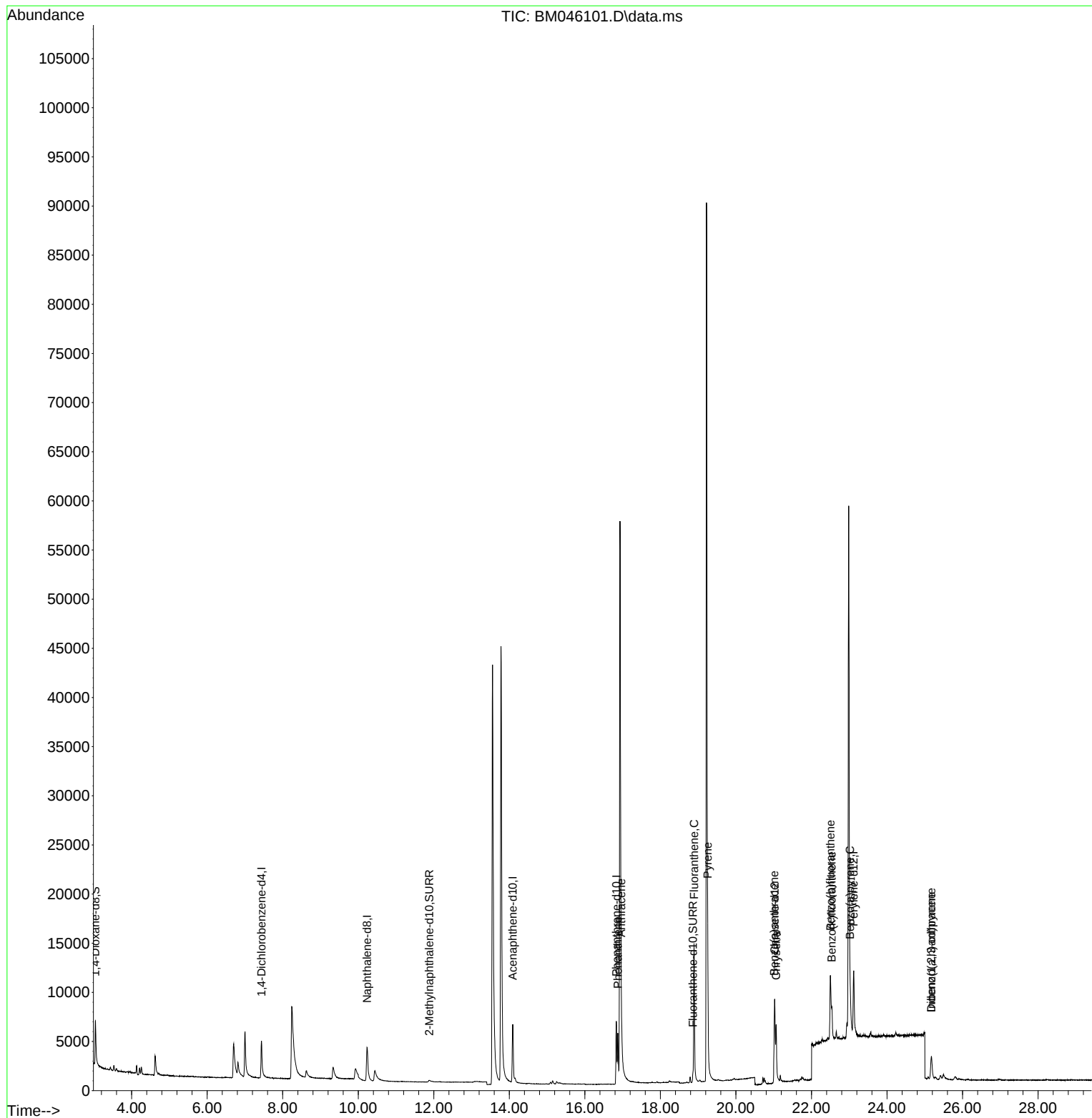
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046101.D
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ALS Vial : 17 Sample Multiplier: 1

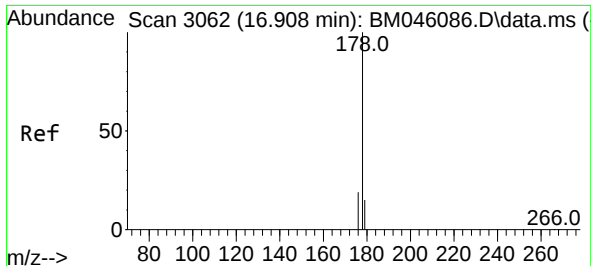
Instrument :
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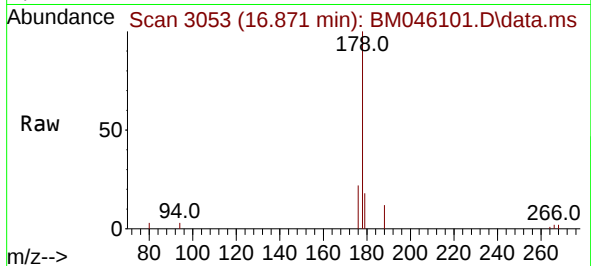
Quant Time: Jun 20 00:49:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.258 ng/ul
RT: 16.871 min Scan# 3053
Delta R.T. -0.032 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

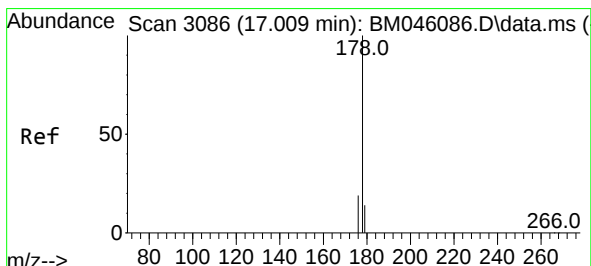
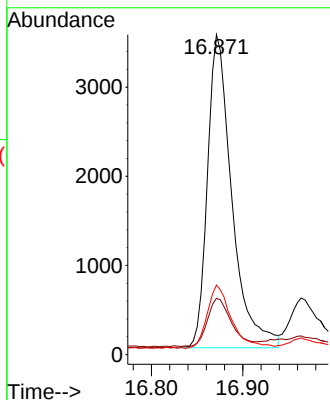
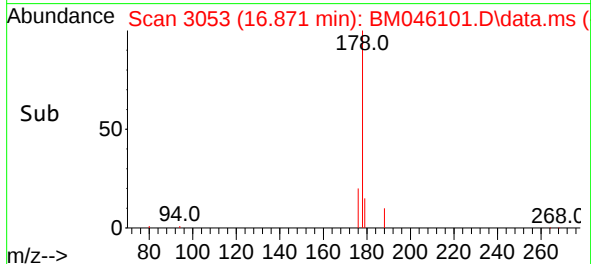
Instrument :
BNA_M
ClientSampleId :
A4BL3DL



Tgt Ion:178 Resp: 6532
Ion Ratio Lower Upper
178 100
179 17.6 14.2 21.2
176 21.7 17.1 25.7

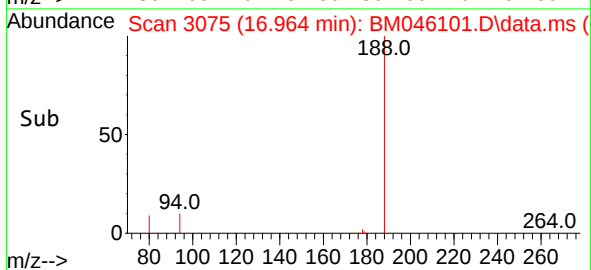
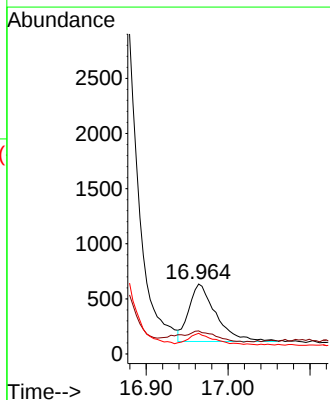
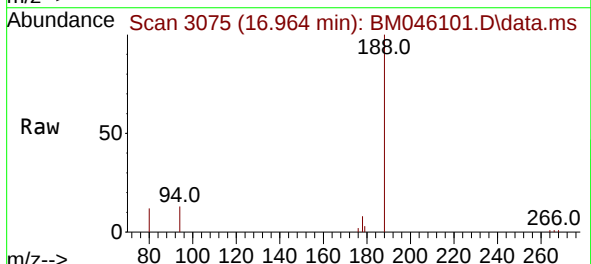
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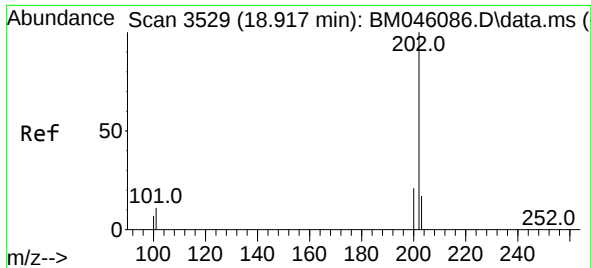
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.063 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.041 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

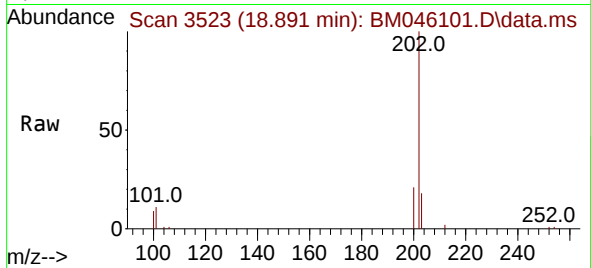
Tgt Ion:178 Resp: 1187
Ion Ratio Lower Upper
178 100
179 33.0 14.9 22.3#
176 29.7 17.0 25.4#





#19
Fluoranthene
Concen: 0.500 ng/u1
RT: 18.891 min Scan# 3523
Delta R.T. -0.026 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

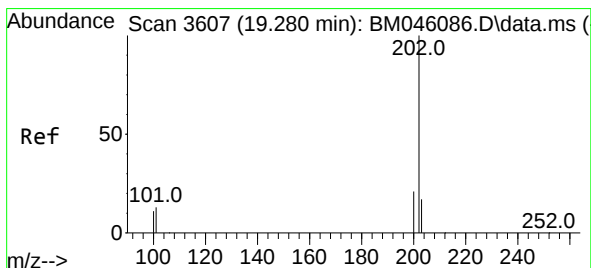
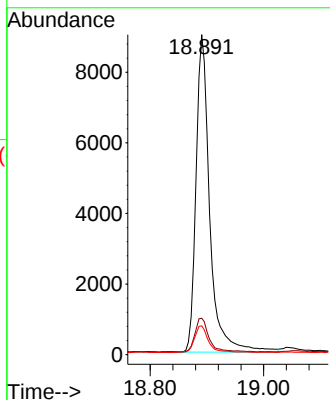
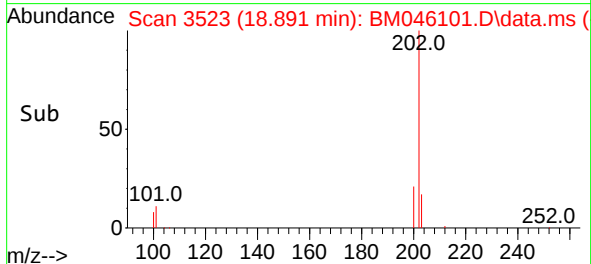
Instrument :
BNA_M
ClientSampleId :
A4BL3DL



Tgt Ion:202 Resp: 15119
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 9.0 7.6 11.4

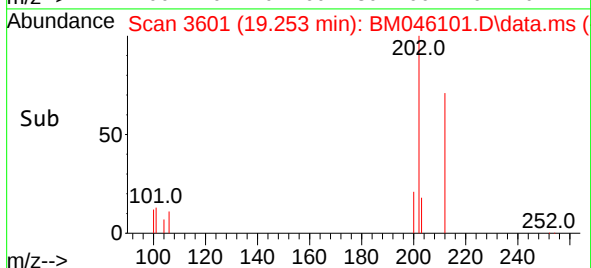
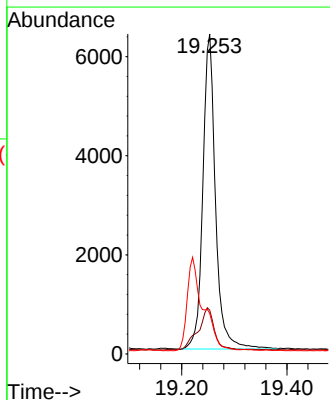
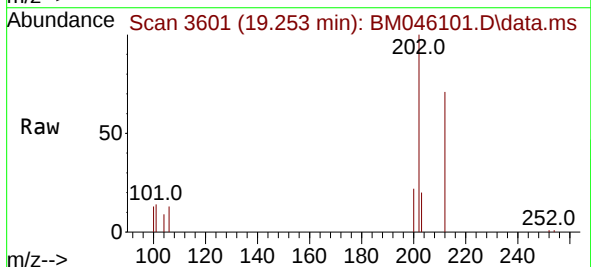
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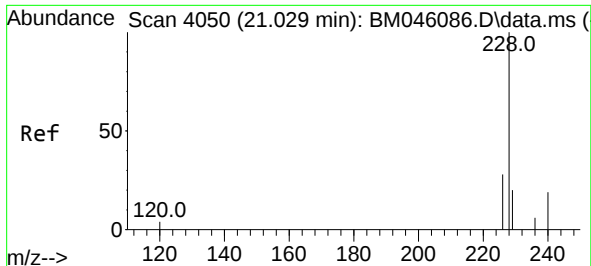
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 0.326 ng/u1
RT: 19.253 min Scan# 3601
Delta R.T. -0.022 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

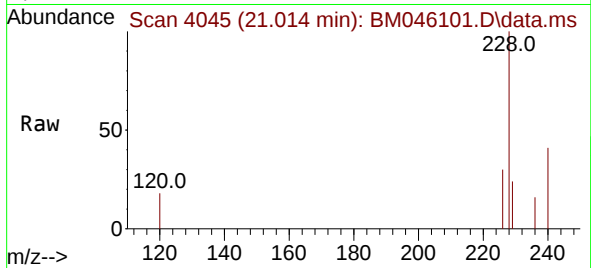
Tgt Ion:202 Resp: 10641
Ion Ratio Lower Upper
202 100
101 13.7 11.3 16.9
100 12.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.206 ng/ul
RT: 21.014 min Scan# 4050
Delta R.T. -0.015 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

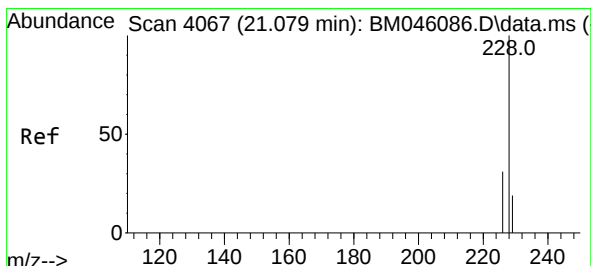
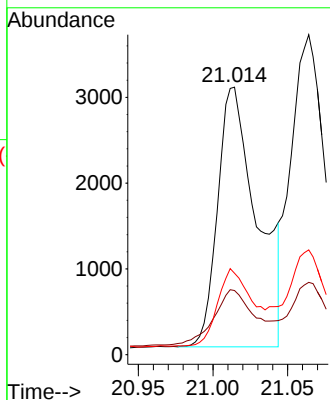
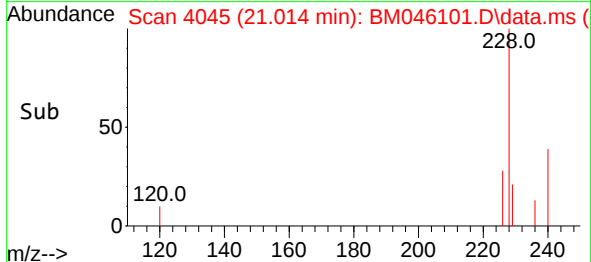
Instrument :
BNA_M
ClientSampleId :
A4BL3DL



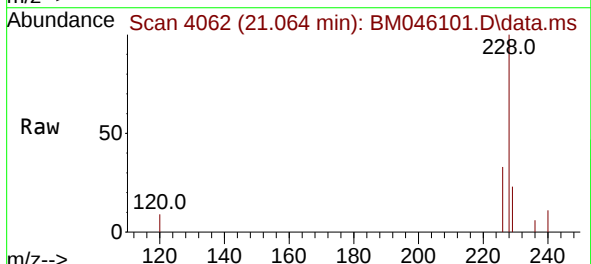
Tgt Ion:228 Resp: 5552
Ion Ratio Lower Upper
228 100
229 24.0 16.4 24.6
226 30.4 23.4 35.2

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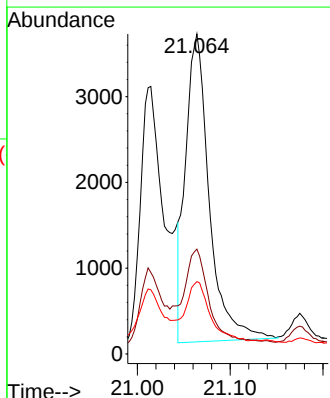
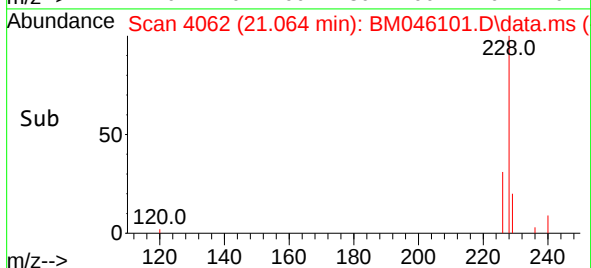
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

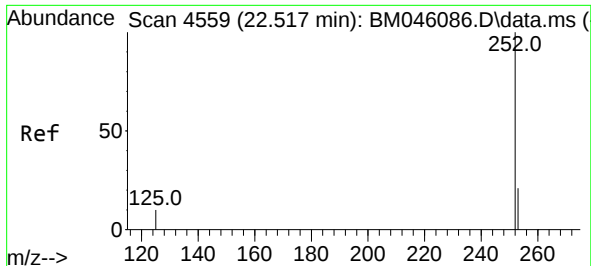


#22
Chrysene
Concen: 0.185 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19



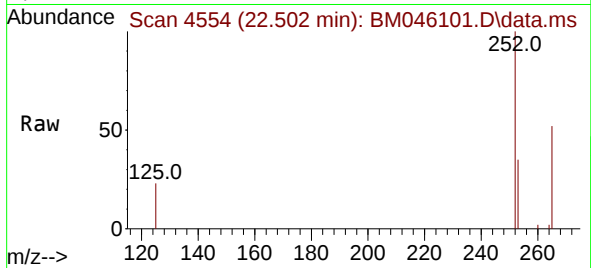
Tgt Ion:228 Resp: 6352
Ion Ratio Lower Upper
228 100
226 32.7 25.2 37.8
229 22.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

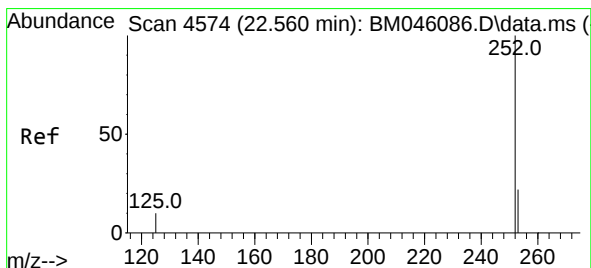
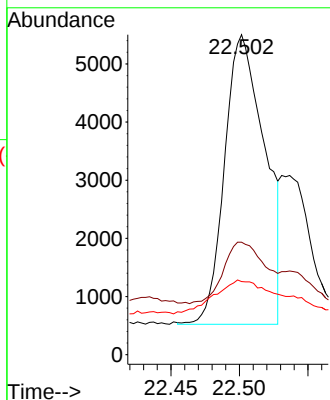
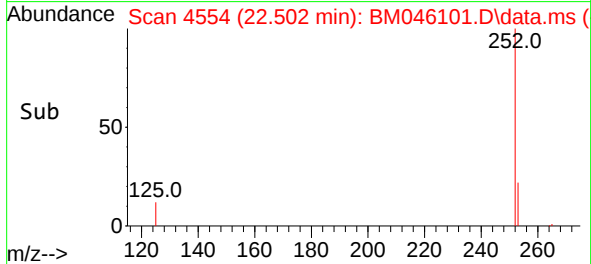
Instrument :
BNA_M
ClientSampleId :
A4BL3DL



Tgt Ion:252 Resp: 1012
Ion Ratio Lower Upper
252 100
253 35.1 0.0 65.8
125 22.8 0.0 40.2

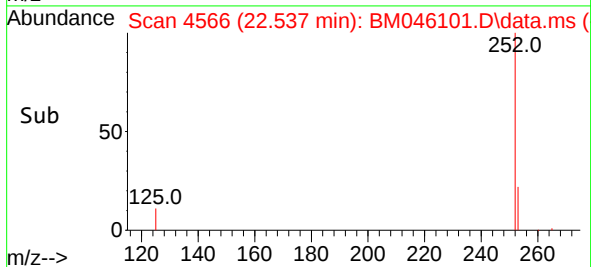
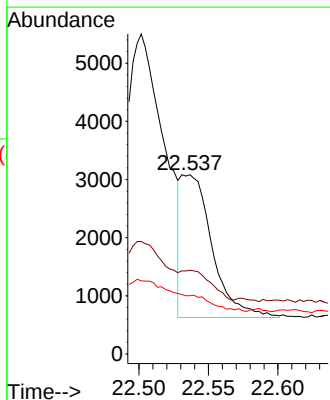
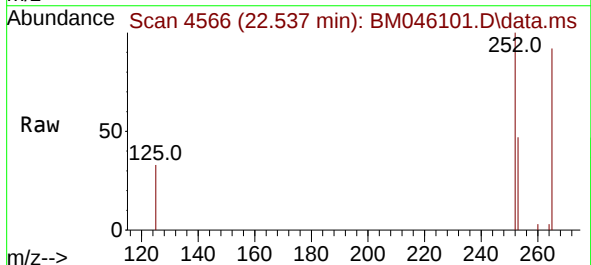
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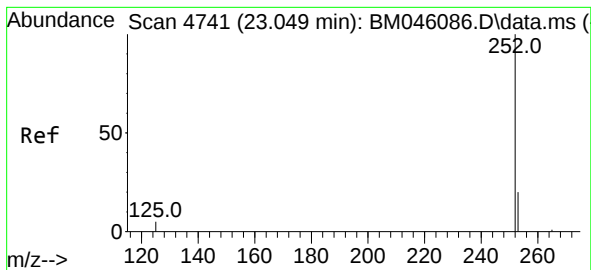
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.027 min
Lab File: BM046101.D
Acq: 20 Jun 2024 00:19

Tgt Ion:252 Resp: 3833
Ion Ratio Lower Upper
252 100
253 46.7 27.2 40.8#
125 32.5 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.125 ng/ul

RT: 23.025 min Scan# 41

Delta R.T. -0.030 min

Lab File: BM046101.D

Acq: 20 Jun 2024 00:19

Instrument :

BNL_M

ClientSampleId :

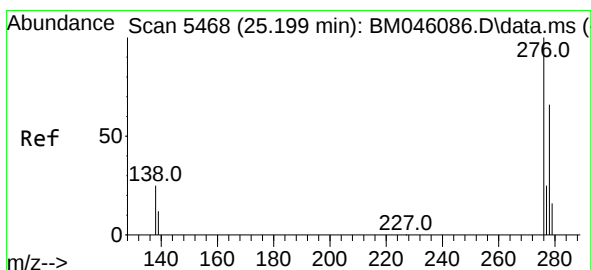
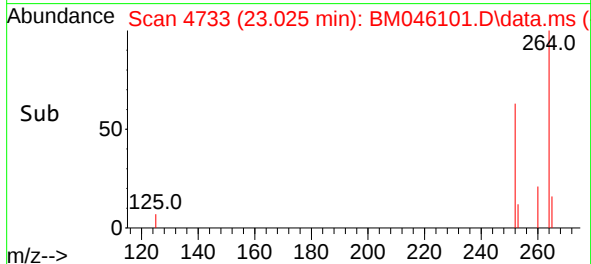
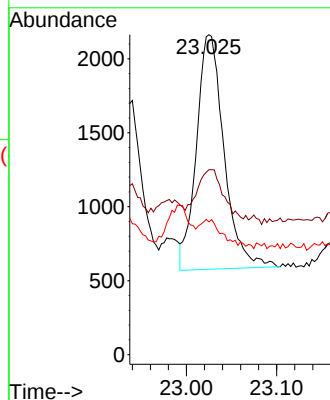
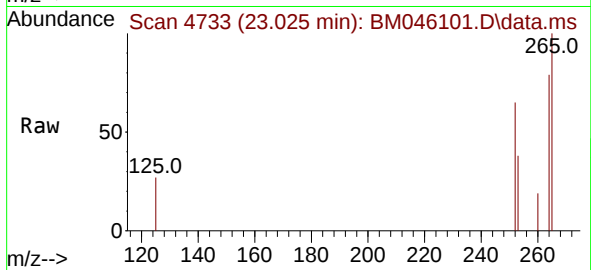
A4BL3DL

Tgt Ion:	252	Resp:	336
Ion Ratio	Lower	Upper	
252	100		
253	57.8	32.1	48.1
125	41.5	21.2	31.8

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.089 ng/ul

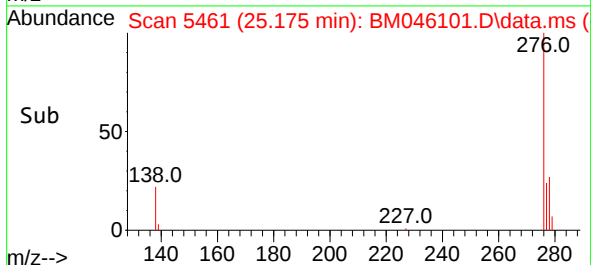
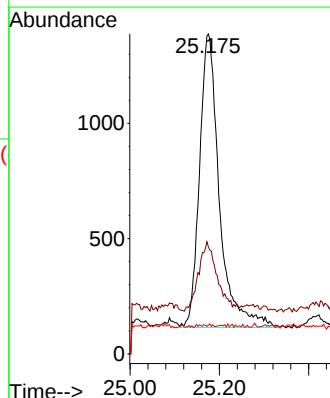
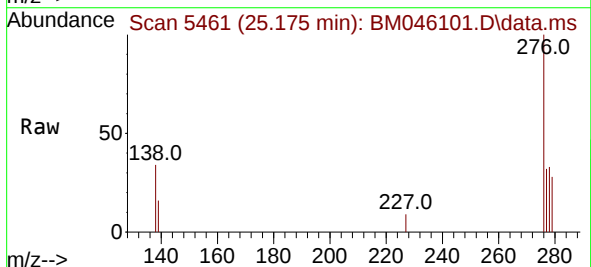
RT: 25.175 min Scan# 5461

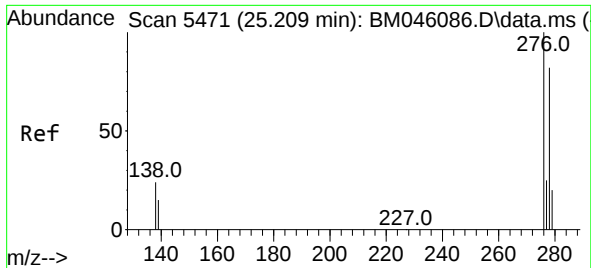
Delta R.T. -0.027 min

Lab File: BM046101.D

Acq: 20 Jun 2024 00:19

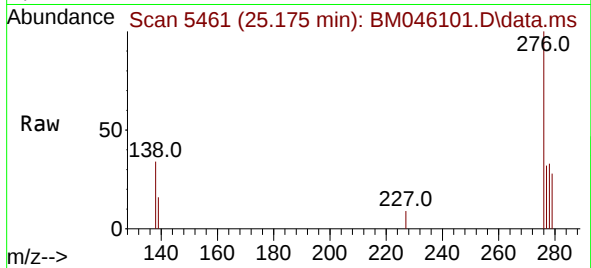
Tgt Ion:	276	Resp:	3938
Ion Ratio	Lower	Upper	
276	100		
138	23.0	21.0	31.4
227	0.2	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 25.175 min Scan# 54
 Delta R.T. -0.041 min
 Lab File: BM046101.D
 Acq: 20 Jun 2024 00:19

Instrument :
 BNA_M
 ClientSampleId :
 A4BL3DL



Tgt Ion:278 Resp: 1170
 Ion Ratio Lower Upper
 278 100
 139 46.7 17.6 26.4
 279 83.2 26.3 39.5

Manual Integrations
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