

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046105.D
 Acq On : 20 Jun 2024 03:20
 Operator : MA/JU
 Sample : P2696-26DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP0DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 03:49:24 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	7.442	152	2102	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.259	136	5708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.094	164	3349	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.836	188	6531	0.400	ng/ul	-0.03
17) Chrysene-d12	21.029	240	5367	0.400	ng/ul	-0.01
23) Perylene-d12	23.119	264	6345m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2064	0.716	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	293	0.038	ng/ul	0.04
18) Fluoranthene-d10	18.866	212	800	0.050	ng/ul	-0.02
Target Compounds					Qvalue	
10) Acenaphthylene	13.816	152	498	0.031	ng/ul#	57
15) Phenanthrene	16.878	178	5245	0.286	ng/ul	99
16) Anthracene	16.971	178	975	0.071	ng/ul#	72
19) Fluoranthene	18.894	202	16318	0.702	ng/ul	98
20) Pyrene	19.252	202	12374	0.492	ng/ul	98
21) Benzo(a)anthracene	21.015	228	6593	0.318	ng/ul	95
22) Chrysene	21.064	228	8147	0.308	ng/ul	98
24) Benzo(b)fluoranthene	22.505	252	14446m	0.632	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	4869m	0.179	ng/ul	
26) Benzo(a)pyrene	23.028	252	4307	0.203	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.172	276	5585	0.161	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.179	278	1590	0.062	ng/ul#	50
29) Benzo(g,h,i)perylene	25.799	276	942	0.032	ng/ul#	41

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

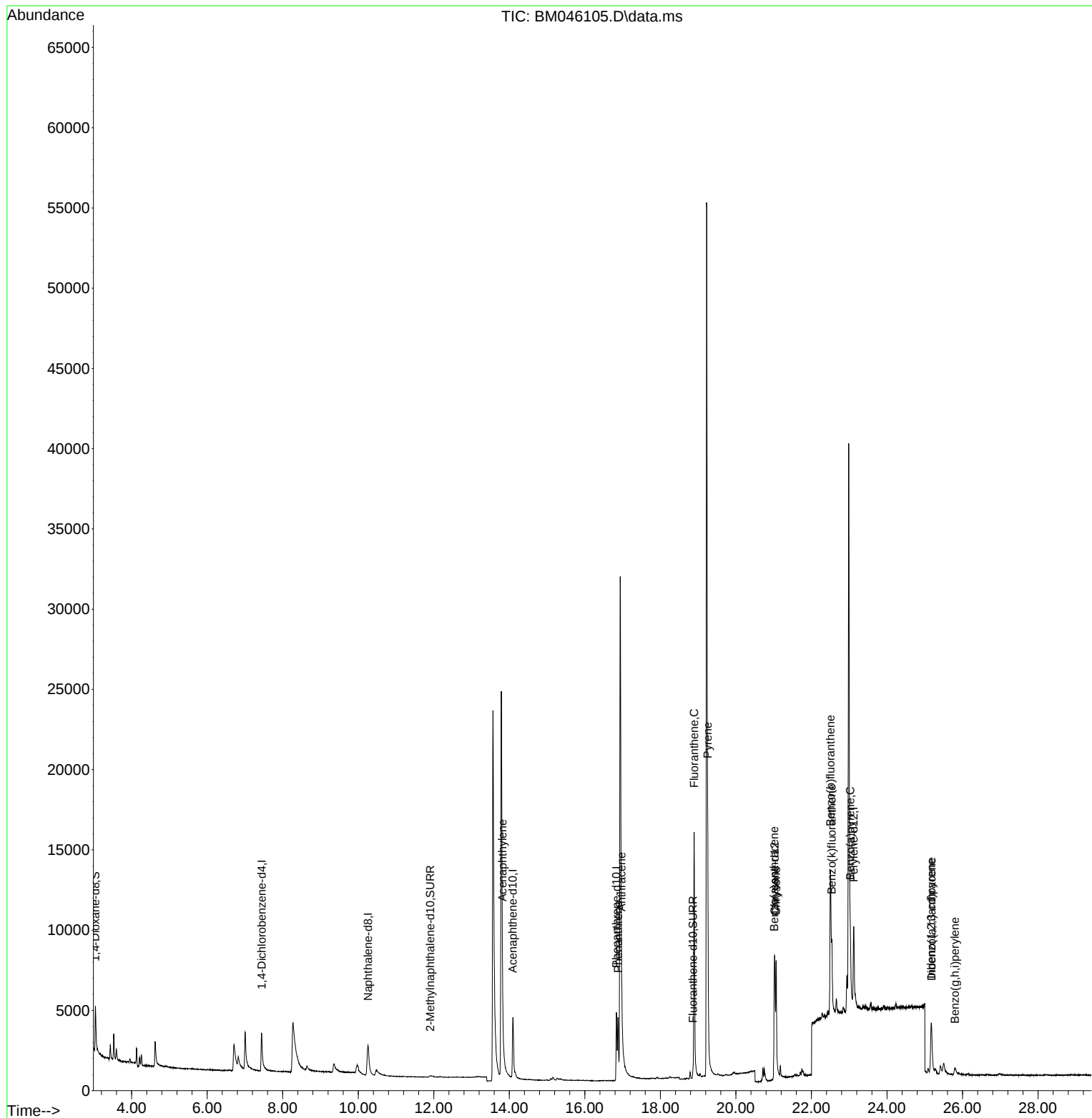
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046105.D
Acq On : 20 Jun 2024 03:20
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ALS Vial : 22 Sample Multiplier: 1

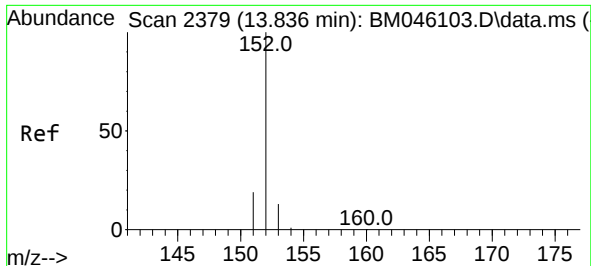
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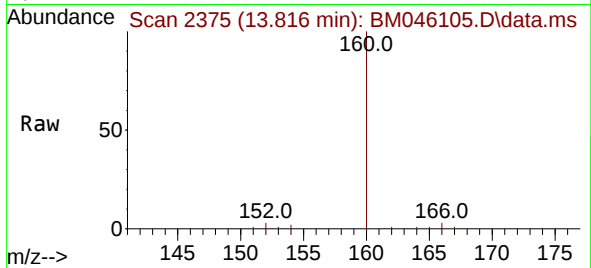
Quant Time: Jun 20 03:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.816 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

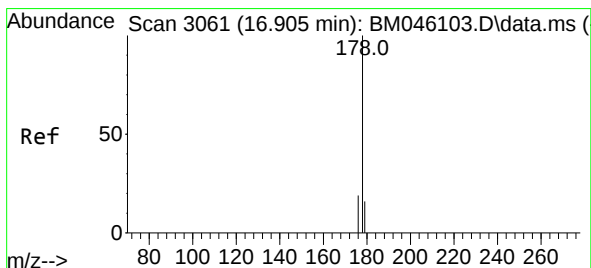
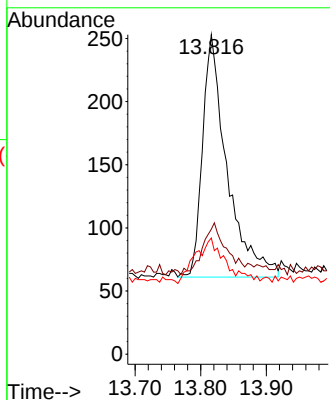
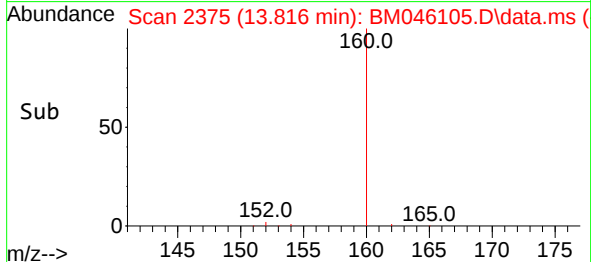
Instrument :
BNA_M
ClientSampleId :
A4BP0DL



Tgt Ion:152 Resp: 498
Ion Ratio Lower Upper
152 100
151 39.1 17.4 26.2
153 36.4 11.8 17.8

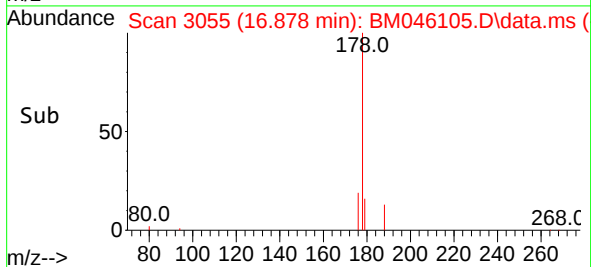
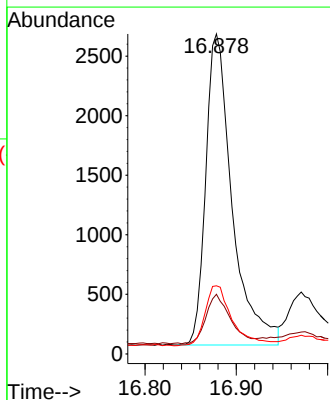
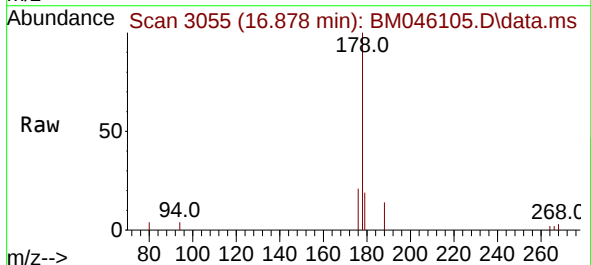
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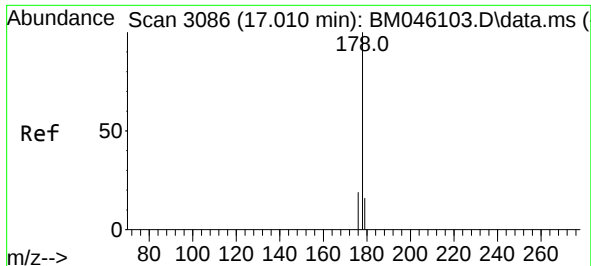
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 16.878 min Scan# 3055
Delta R.T. -0.025 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

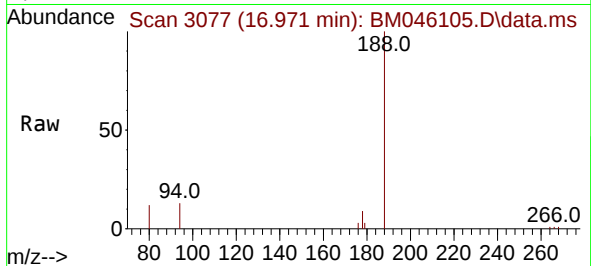
Tgt Ion:178 Resp: 5245
Ion Ratio Lower Upper
178 100
179 18.6 14.2 21.2
176 21.3 17.1 25.7





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 16.971 min Scan# 3086
 Delta R.T. -0.034 min
 Lab File: BM046105.D
 Acq: 20 Jun 2024 03:20

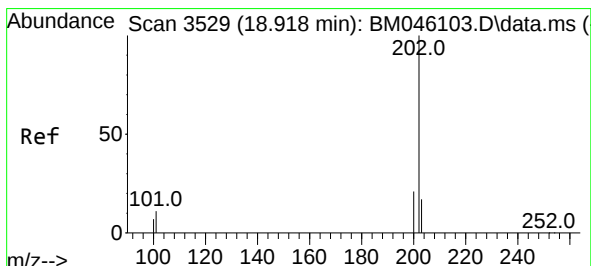
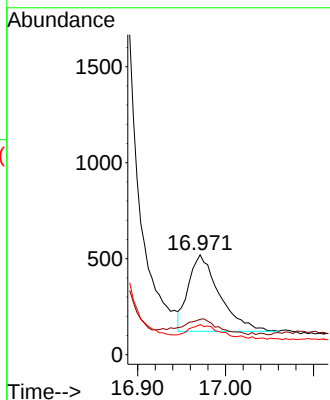
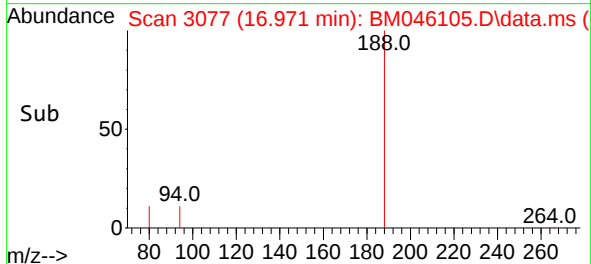
Instrument :
 BNA_M
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 A4BP0DL



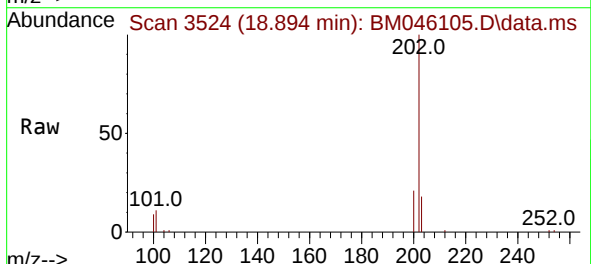
Tgt Ion:178 Resp: 975
 Ion Ratio Lower Upper
 178 100
 179 35.4 14.9 22.3
 176 30.2 17.0 25.4

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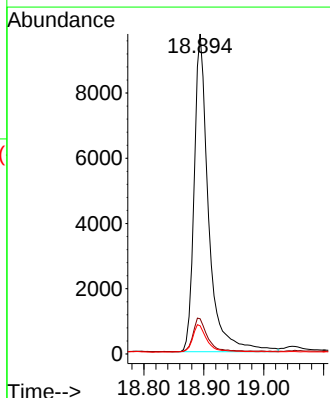
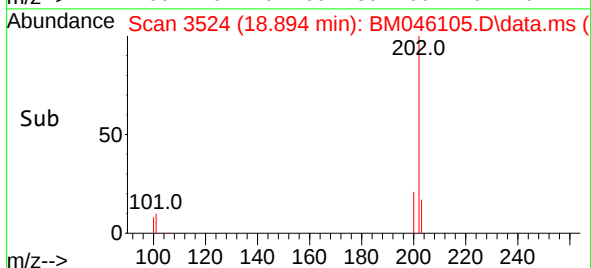
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

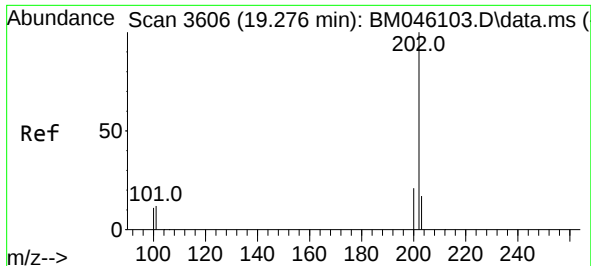


#19
 Fluoranthene
 Concen: 0.702 ng/ul
 RT: 18.894 min Scan# 3524
 Delta R.T. -0.023 min
 Lab File: BM046105.D
 Acq: 20 Jun 2024 03:20



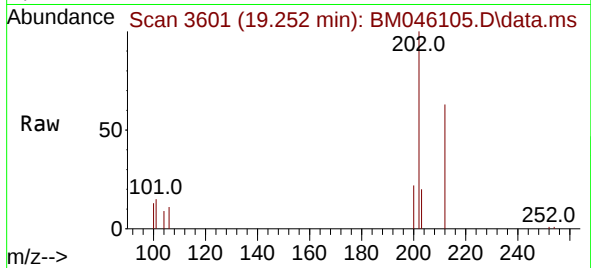
Tgt Ion:202 Resp: 16318
 Ion Ratio Lower Upper
 202 100
 101 11.0 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.252 min Scan# 3601
Delta R.T. -0.023 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

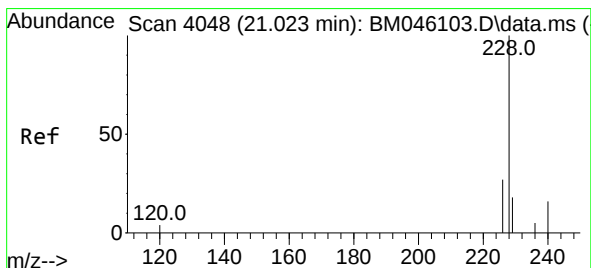
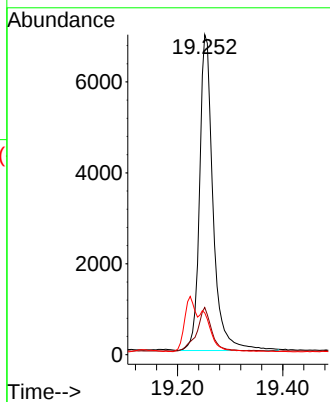
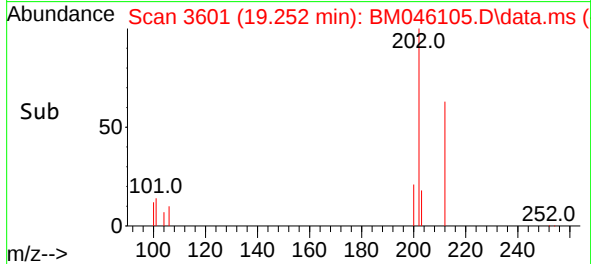
Instrument :
BNA_M
ClientSampleId :
A4BP0DL



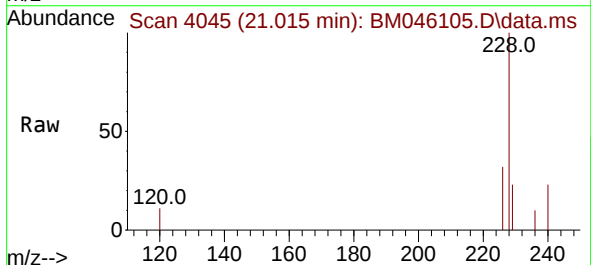
Tgt Ion:202 Resp: 12374
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 13.0 9.8 14.6

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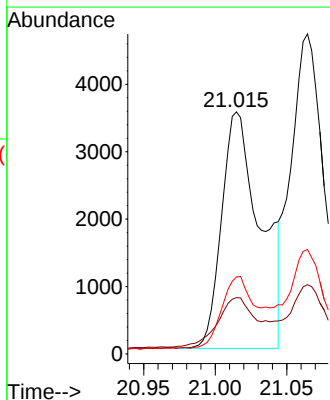
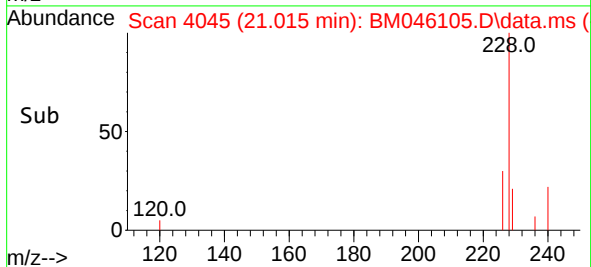
Reviewed By :Jagrut Upadhyay 06/20/2024
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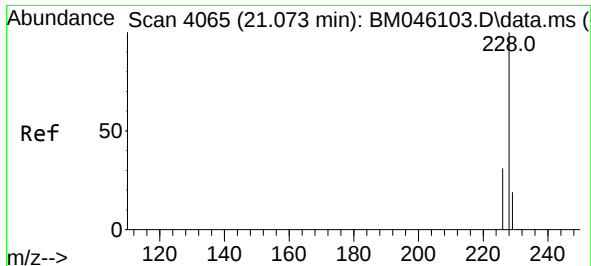


#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.015 min Scan# 4045
Delta R.T. -0.015 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20



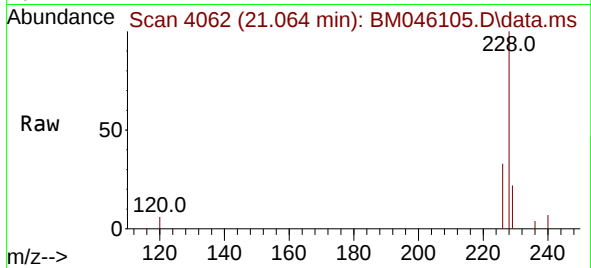
Tgt Ion:228 Resp: 6593
Ion Ratio Lower Upper
228 100
229 23.3 16.4 24.6
226 31.8 23.4 35.2





#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

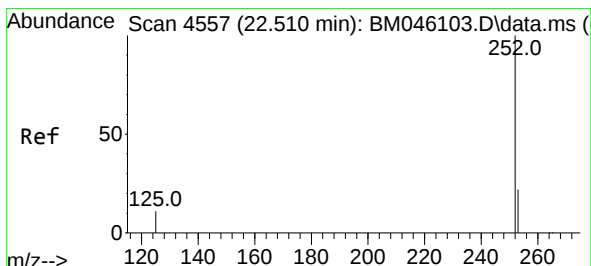
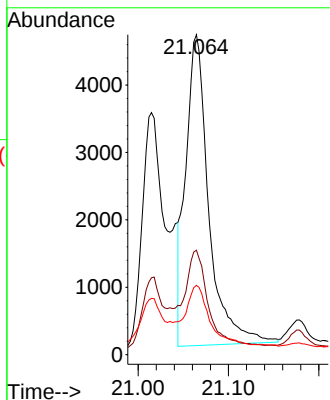
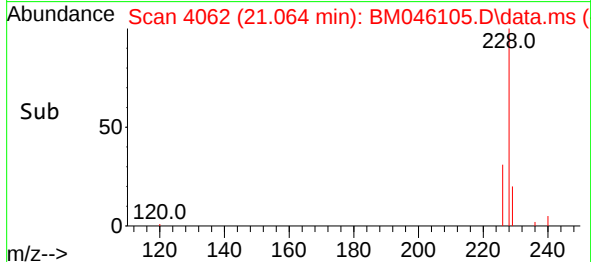
Instrument :
BNA_M
ClientSampleId :
A4BP0DL



Tgt Ion:228 Resp: 814
Ion Ratio Lower Upper
228 100
226 32.7 25.2 37.8
229 21.7 16.3 24.5

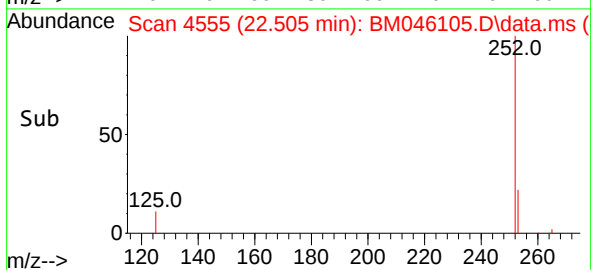
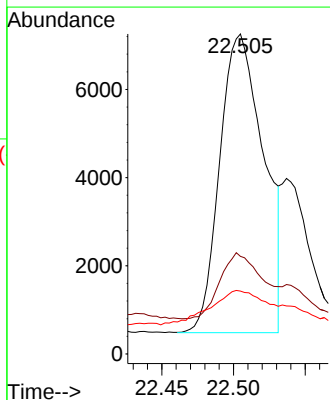
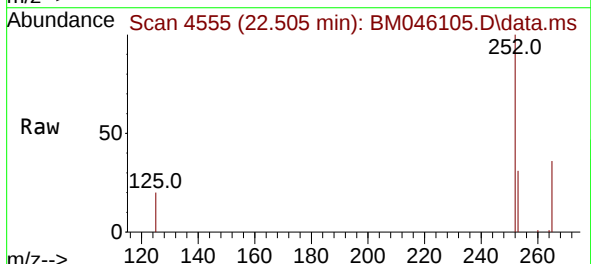
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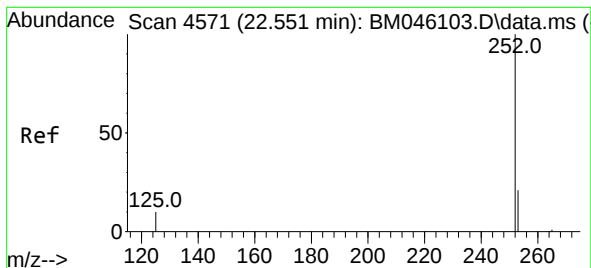
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#24
Benzo(b)fluoranthene
Concen: 0.632 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

Tgt Ion:252 Resp: 14446
Ion Ratio Lower Upper
252 100
253 30.5 0.0 65.8
125 19.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.179 ng/ul m

RT: 22.537 min Scan# 4

Delta R.T. -0.026 min

Lab File: BM046105.D

Acq: 20 Jun 2024 03:20

Instrument :

BNA_M

ClientSampleId :

A4BP0DL

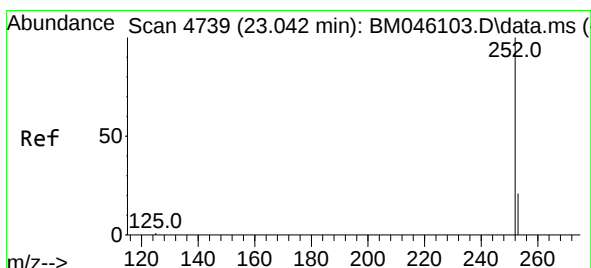
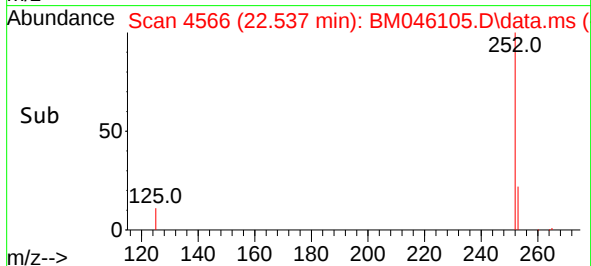
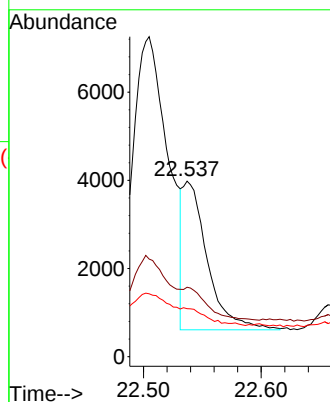
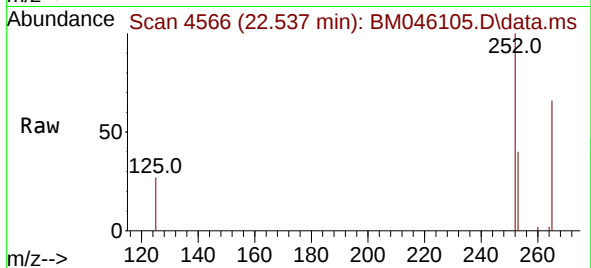
Tgt Ion:252 Resp: 4869

Ion	Ratio	Lower	Upper
252	100		
253	39.5	27.2	40.8
125	27.4	16.6	25.0

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#26

Benzo(a)pyrene

Concen: 0.203 ng/ul

RT: 23.028 min Scan# 4734

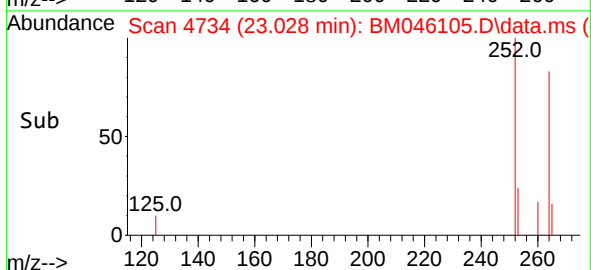
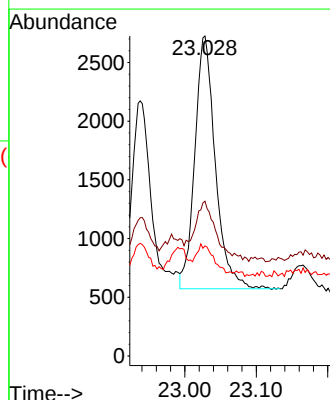
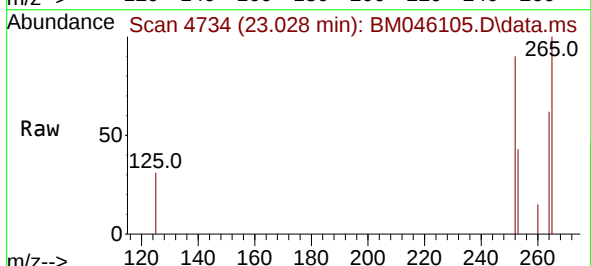
Delta R.T. -0.026 min

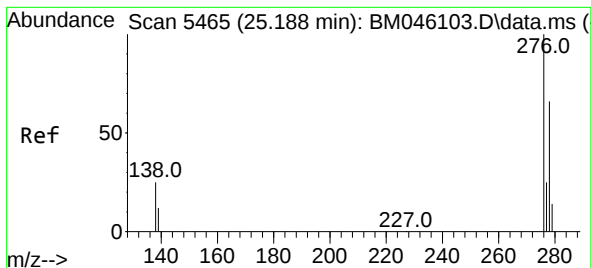
Lab File: BM046105.D

Acq: 20 Jun 2024 03:20

Tgt Ion:252 Resp: 4307

Ion	Ratio	Lower	Upper
252	100		
253	48.3	32.1	48.1#
125	34.4	21.2	31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.161 ng/ul

RT: 25.172 min Scan# 5465

Delta R.T. -0.030 min

Lab File: BM046105.D

Acq: 20 Jun 2024 03:20

Instrument :

BNA_M

ClientSampleId :

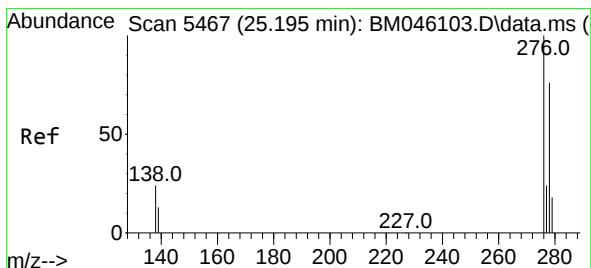
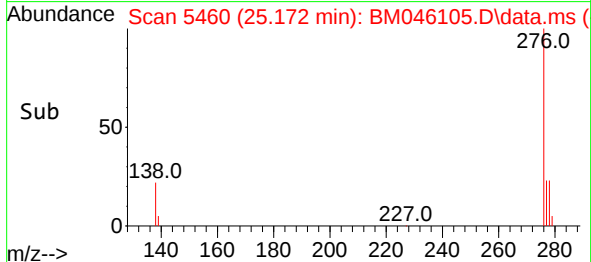
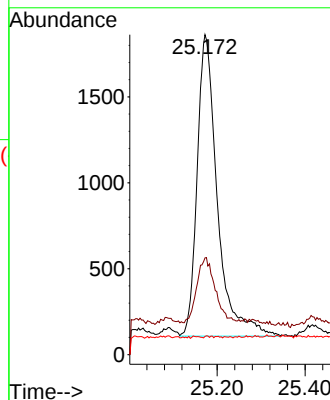
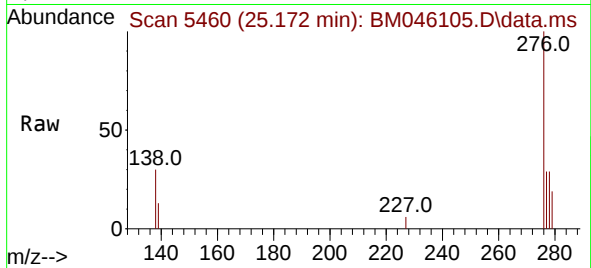
A4BP0DL

Tgt Ion:	276	Resp:	558
Ion Ratio	Lower	Upper	
276	100		
138	20.9	21.0	31.4
227	0.1	0.0	0.0

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.062 ng/ul

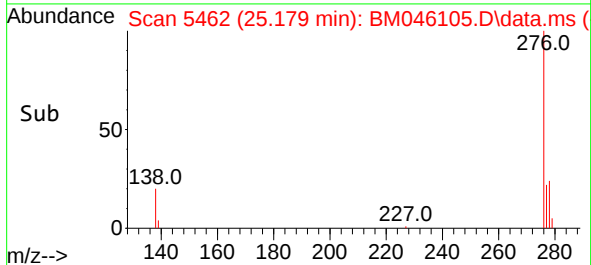
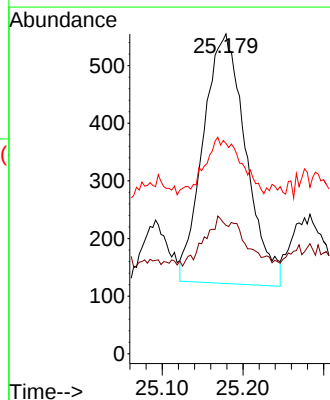
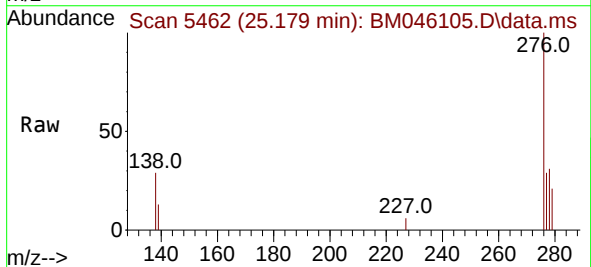
RT: 25.179 min Scan# 5462

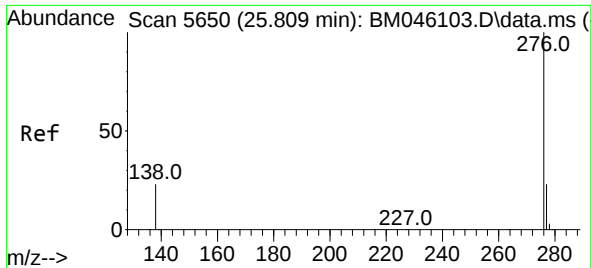
Delta R.T. -0.037 min

Lab File: BM046105.D

Acq: 20 Jun 2024 03:20

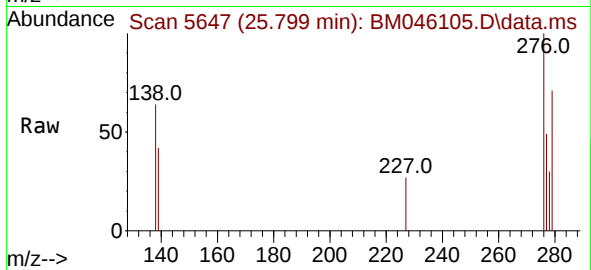
Tgt Ion:	278	Resp:	1590
Ion Ratio	Lower	Upper	
278	100		
139	40.2	17.6	26.4
279	65.8	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.032 ng/ul
RT: 25.799 min Scan# 50
Delta R.T. -0.030 min
Lab File: BM046105.D
Acq: 20 Jun 2024 03:20

Instrument :
BNA_M
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Tgt Ion: 276 Resp: 94
Ion Ratio Lower Upper
276 100
138 64.1 21.7 32.5
277 48.9 20.4 30.6

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