

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046272.D
 Acq On : 25 Jun 2024 02:37
 Operator : MA/JU
 Sample : P2776-21DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C74DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 03:09:40 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 : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2275	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.215	136	6863	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.066	164	4027	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.815	188	7668	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	6130	0.400	ng/ul	-0.03
23) Perylene-d12	23.093	264	6479m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2464	0.789	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	474	0.051	ng/ul	-0.02
18) Fluoranthene-d10	18.843	212	1011	0.055	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.784	152	598	0.031	ng/ul#	53
15) Phenanthrene	16.853	178	3086	0.143	ng/ul	95
16) Anthracene	16.950	178	768	0.048	ng/ul#	65
19) Fluoranthene	18.871	202	7967	0.300	ng/ul	98
20) Pyrene	19.229	202	7674	0.267	ng/ul#	90
21) Benzo(a)anthracene	21.000	228	3573	0.151	ng/ul#	89
22) Chrysene	21.047	228	3829	0.127	ng/ul	93
24) Benzo(b)fluoranthene	22.482	252	6031m	0.258	ng/ul	
25) Benzo(k)fluoranthene	22.517	252	2490m	0.090	ng/ul	
26) Benzo(a)pyrene	23.002	252	4041	0.187	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.159	276	3506	0.099	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.162	278	841	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	25.769	276	3677	0.121	ng/ul#	86

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

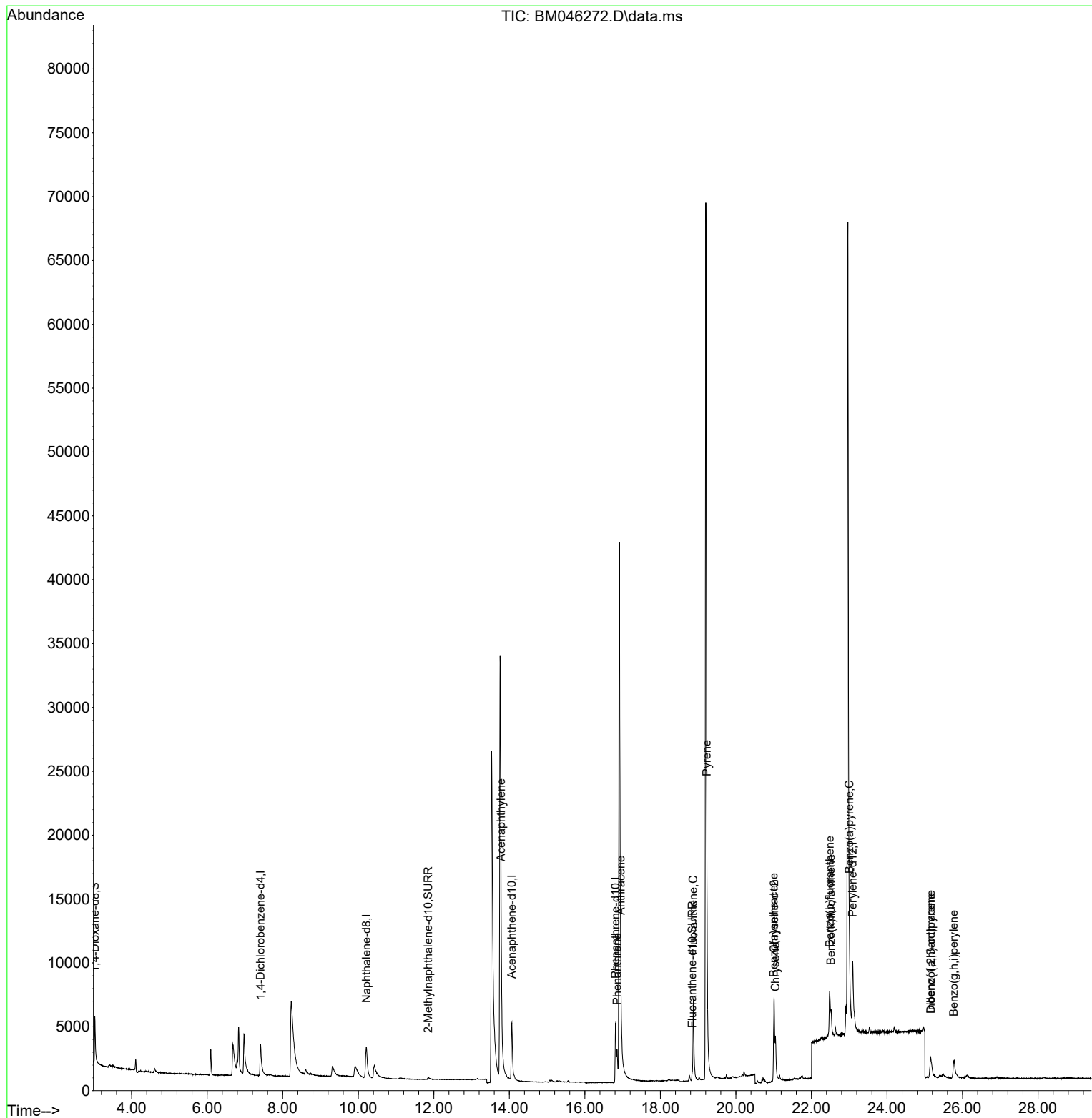
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046272.D
Acq On : 25 Jun 2024 02:37
Operator : MA/JU
Sample : P2776-21DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

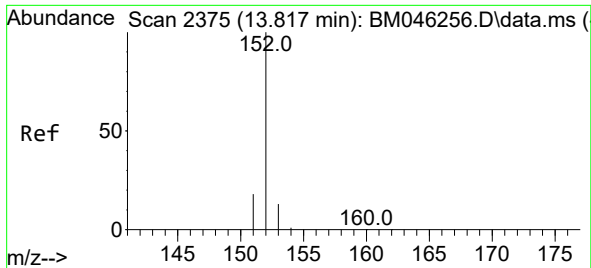
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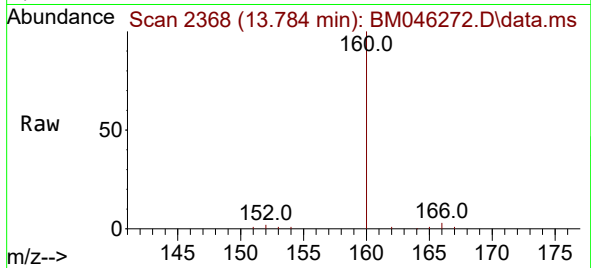
Quant Time: Jun 25 03:09:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.784 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

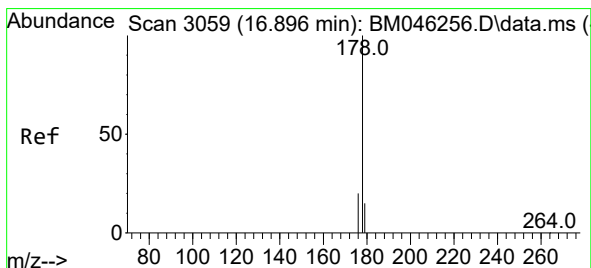
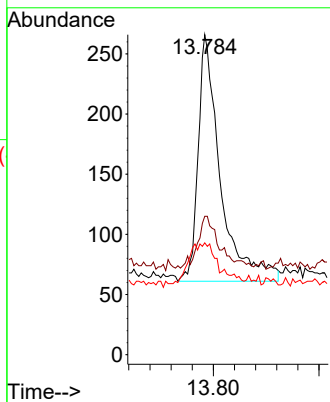
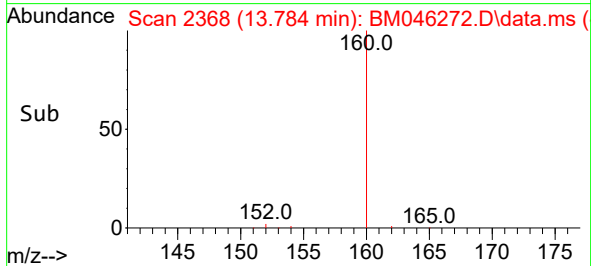
Instrument :
BNA_M
ClientSampleId :
A4C74DL



Tgt Ion:152 Resp: 598
Ion Ratio Lower Upper
152 100
151 43.2 17.4 26.2
153 35.0 11.8 17.8

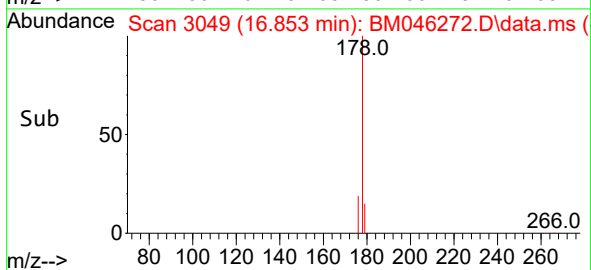
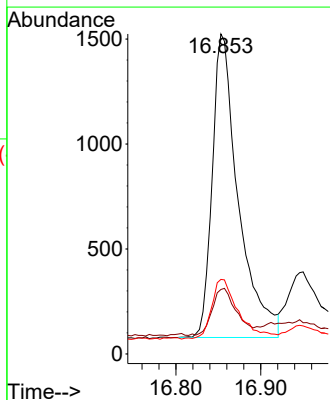
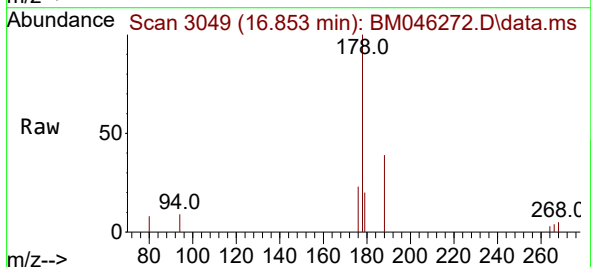
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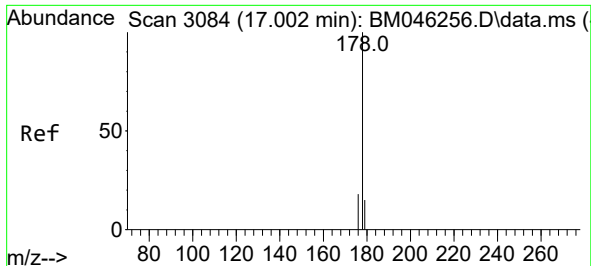
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.143 ng/ul
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

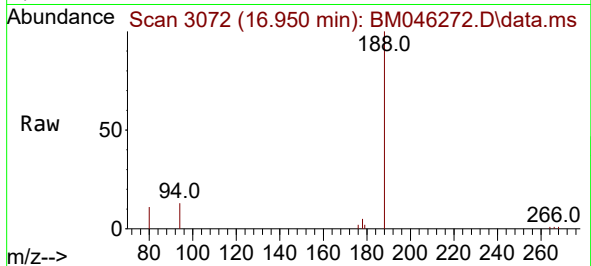
Tgt Ion:178 Resp: 3086
Ion Ratio Lower Upper
178 100
179 20.1 14.2 21.2
176 23.3 17.1 25.7





#16
 Anthracene
 Concen: 0.048 ng/ul
 RT: 16.950 min Scan# 3084
 Delta R.T. -0.055 min
 Lab File: BM046272.D
 Acq: 25 Jun 2024 02:37

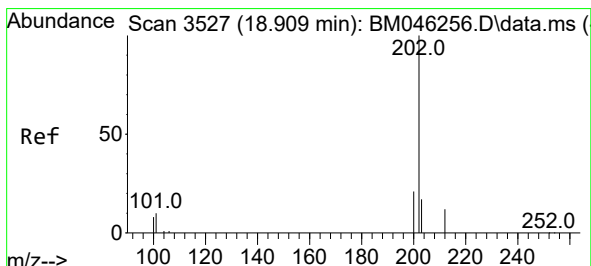
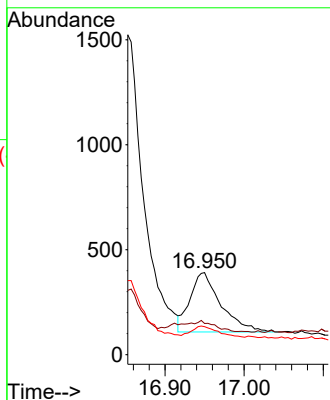
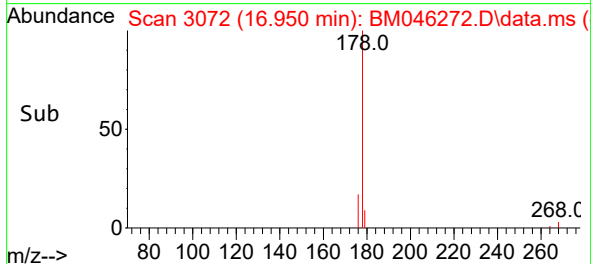
Instrument :
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 A4C74DL



Tgt Ion:178 Resp: 768
 Ion Ratio Lower Upper
 178 100
 179 37.9 14.9 22.3
 176 34.0 17.0 25.4

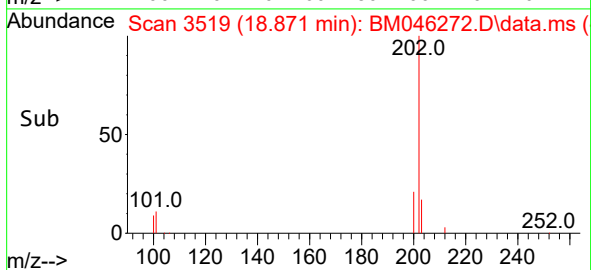
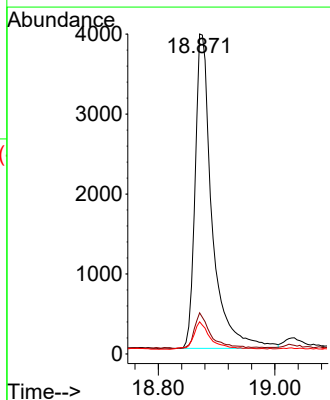
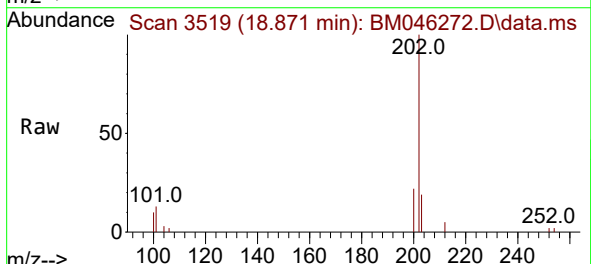
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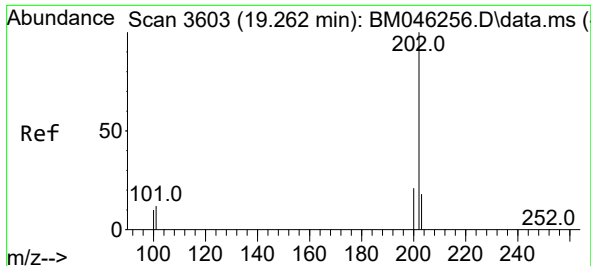
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.300 ng/ul
 RT: 18.871 min Scan# 3519
 Delta R.T. -0.046 min
 Lab File: BM046272.D
 Acq: 25 Jun 2024 02:37

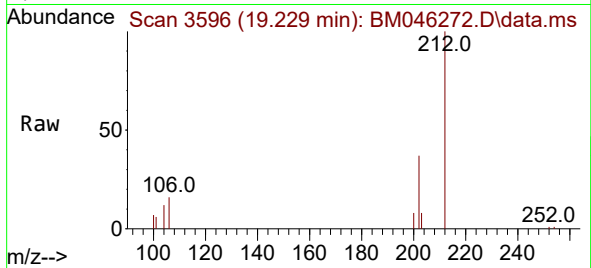
Tgt Ion:202 Resp: 7967
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.6 14.4
 100 10.1 7.6 11.4





#20
Pyrene
Concen: 0.267 ng/ul
RT: 19.229 min Scan# 3596
Delta R.T. -0.046 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

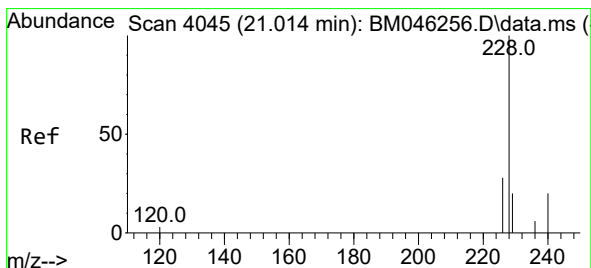
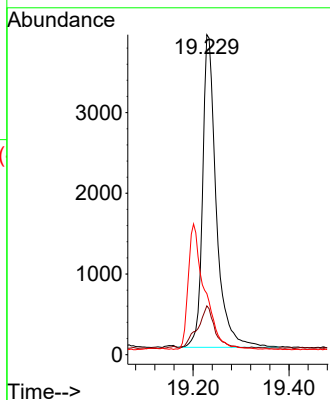
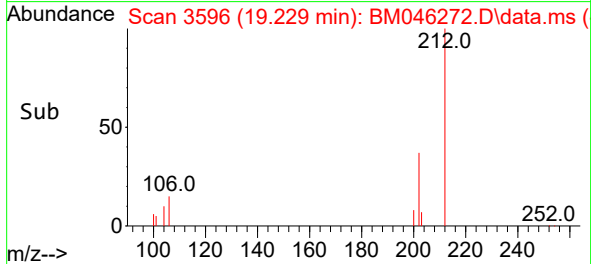
Instrument :
BNA_M
ClientSampleId :
A4C74DL



Tgt Ion:202 Resp: 7674
Ion Ratio Lower Upper
202 100
101 15.2 11.3 16.9
100 19.1 9.8 14.6

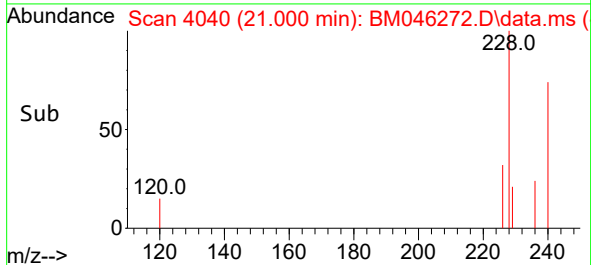
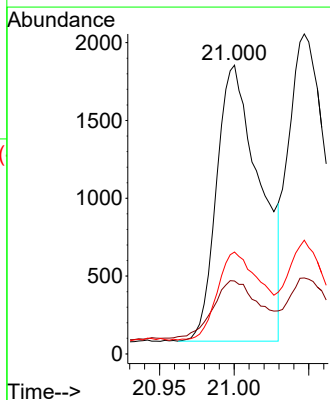
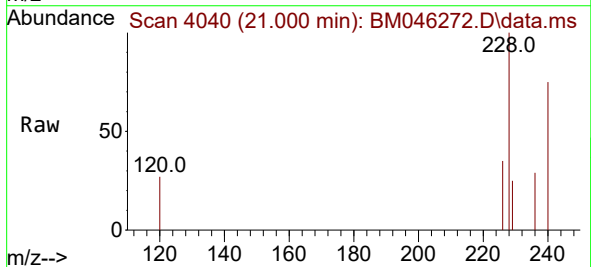
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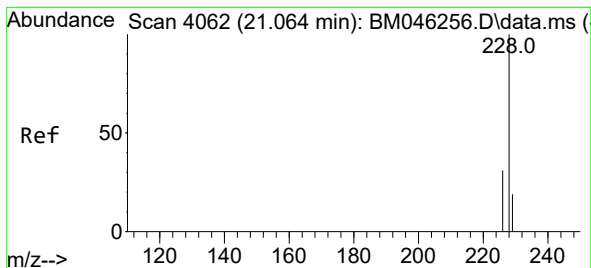
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.151 ng/ul
RT: 21.000 min Scan# 4040
Delta R.T. -0.029 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

Tgt Ion:228 Resp: 3573
Ion Ratio Lower Upper
228 100
229 25.3 16.4 24.6#
226 35.3 23.4 35.2#





#22

Chrysene

Concen: 0.127 ng/ul

RT: 21.047 min Scan# 4062

Delta R.T. -0.029 min

Lab File: BM046272.D

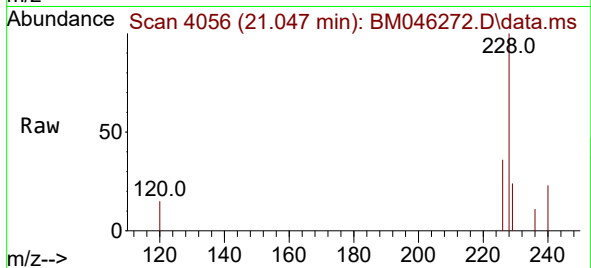
Acq: 25 Jun 2024 02:37

Instrument :

BNA_M

ClientSampleId :

A4C74DL



Tgt Ion:228 Resp: 3829

Ion Ratio Lower Upper

228 100

226 35.6 25.2 37.8

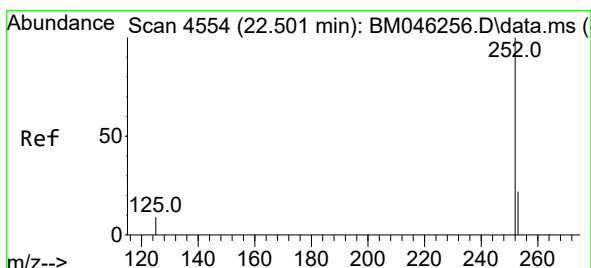
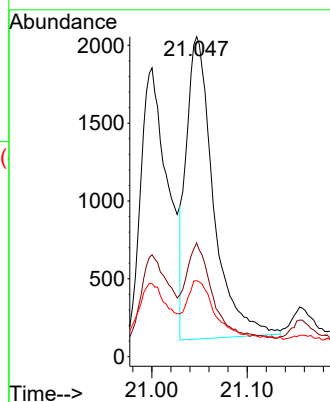
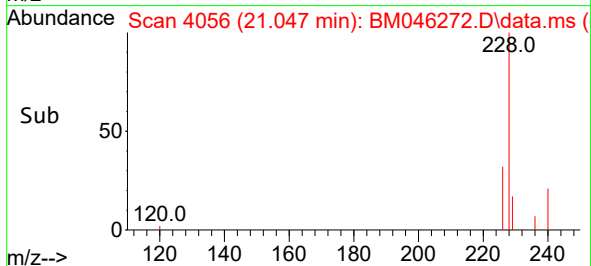
229 23.7 16.3 24.5

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Supervised By :mohammad ahmed 06/27/2024



#24

Benzo(b)fluoranthene

Concen: 0.258 ng/ul m

RT: 22.482 min Scan# 4547

Delta R.T. -0.038 min

Lab File: BM046272.D

Acq: 25 Jun 2024 02:37

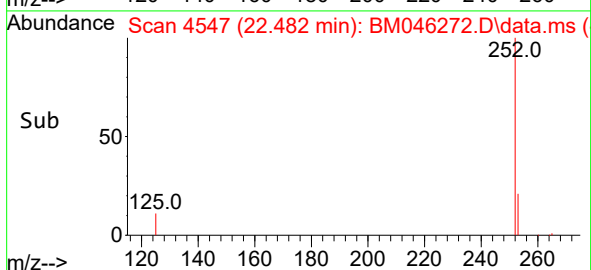
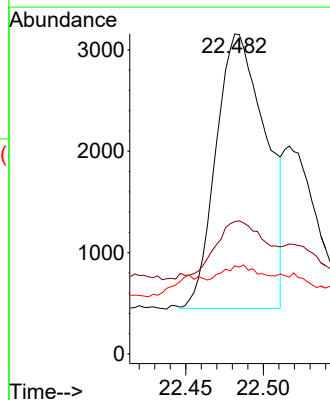
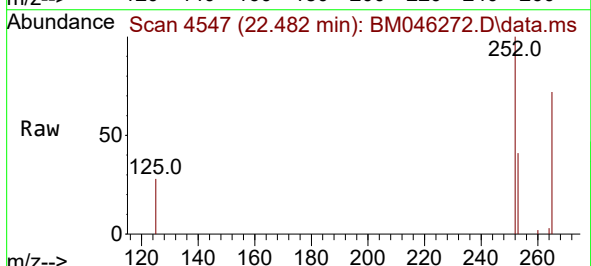
Tgt Ion:252 Resp: 6031

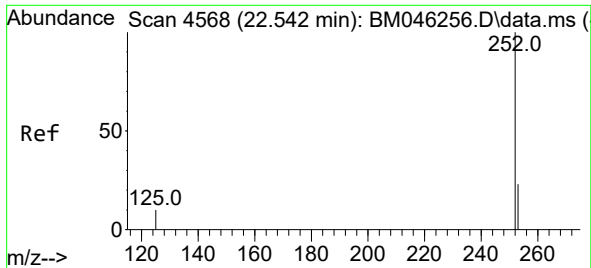
Ion Ratio Lower Upper

252 100

253 41.3 0.0 65.8

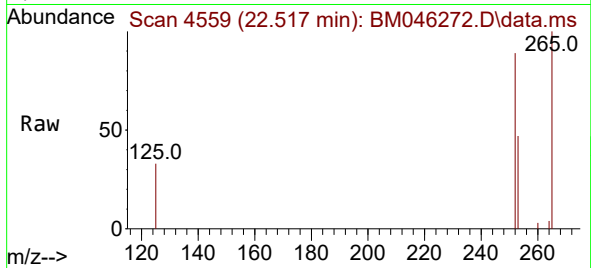
125 27.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.517 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

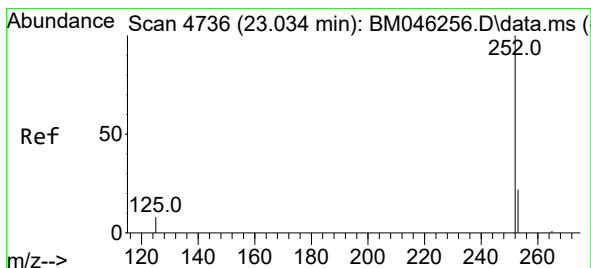
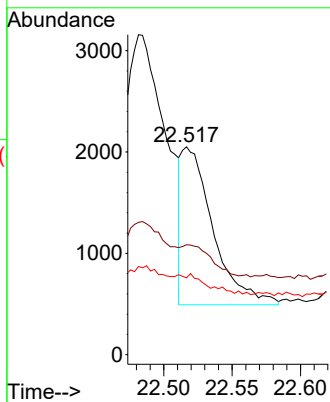
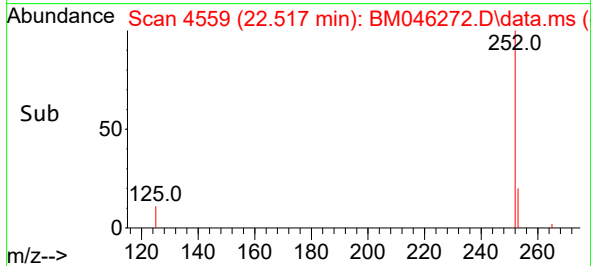
Instrument :
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A4C74DL



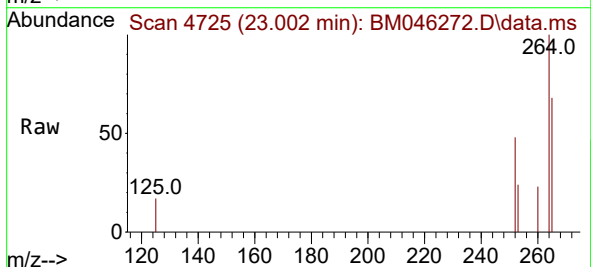
Tgt Ion:252 Resp: 2490
Ion Ratio Lower Upper
252 100
253 52.9 27.2 40.8
125 37.0 16.6 25.0

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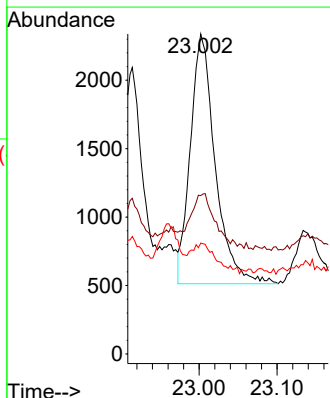
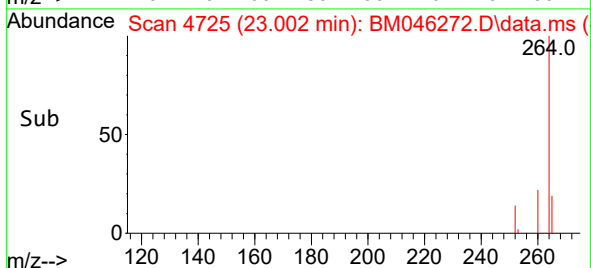
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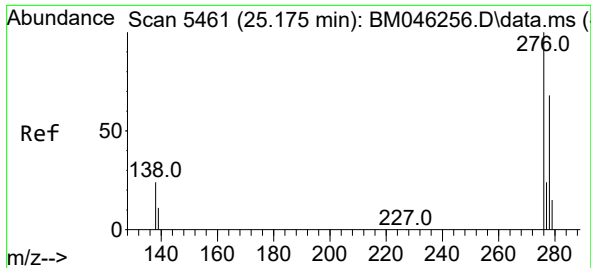


#26
Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.002 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37



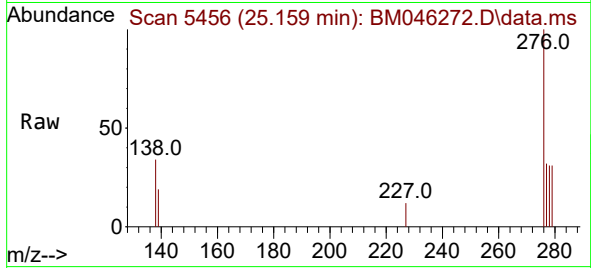
Tgt Ion:252 Resp: 4041
Ion Ratio Lower Upper
252 100
253 49.5 32.1 48.1#
125 34.6 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 25.159 min Scan# 5456
Delta R.T. -0.043 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

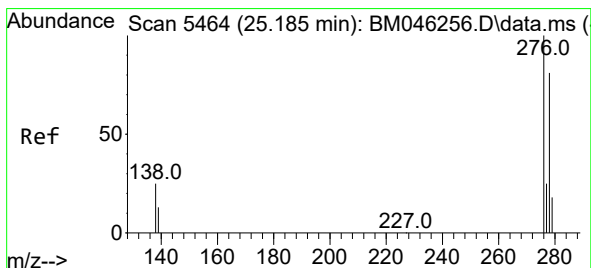
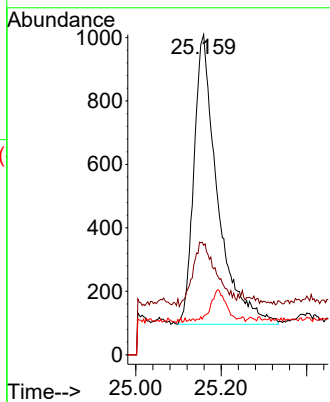
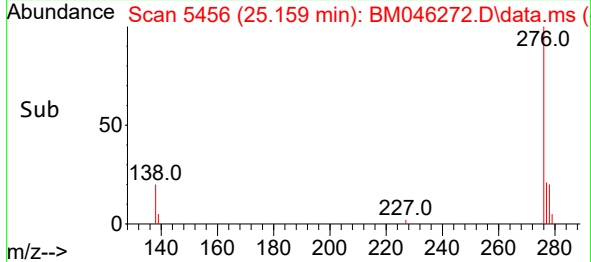
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A4C74DL



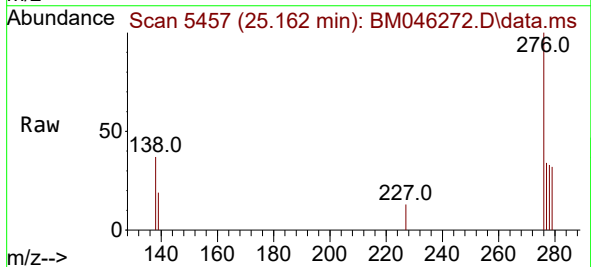
Tgt Ion:276 Resp: 3500
Ion Ratio Lower Upper
276 100
138 21.3 21.0 31.4
227 0.0 0.0 0.0

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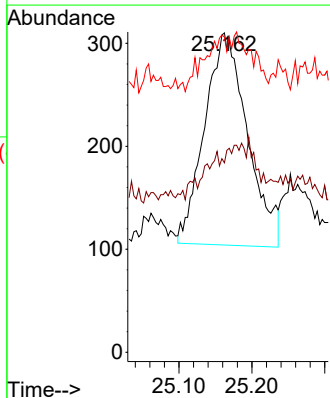
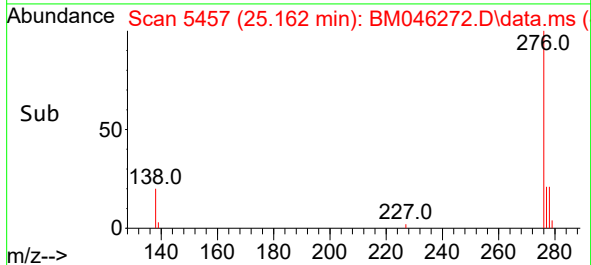
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

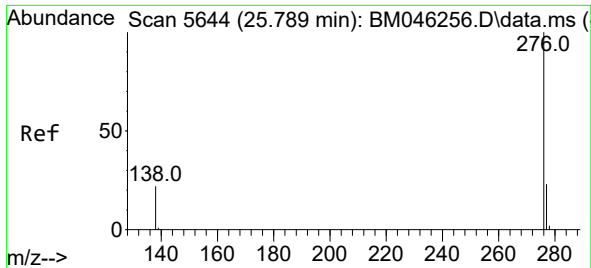


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.162 min Scan# 5457
Delta R.T. -0.054 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37



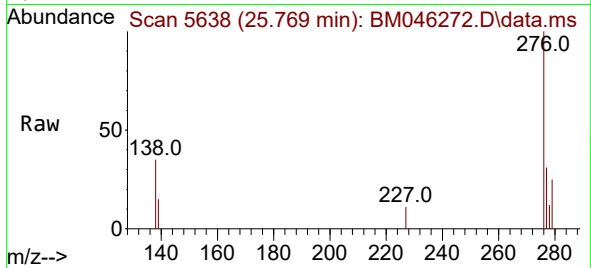
Tgt Ion:278 Resp: 841
Ion Ratio Lower Upper
278 100
139 59.4 17.6 26.4#
279 98.7 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 25.769 min Scan# 50
Delta R.T. -0.060 min
Lab File: BM046272.D
Acq: 25 Jun 2024 02:37

Instrument :
BNA_M
ClientSampleId :
A4C74DL



Tgt Ion:276 Resp: 367
Ion Ratio Lower Upper
276 100
138 35.1 21.7 32.5
277 31.3 20.4 30.6

Manual Integrations
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Supervised By :mohammad ahmed 06/27/2024

