

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046263.D
 Acq On : 24 Jun 2024 21:10
 Operator : MA/JU
 Sample : P2776-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B95DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 02:27:26 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	7.417	152	2252	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.238	136	6226	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.072	164	3701	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	6655	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	5224	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264	6239m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1922	0.622	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.877	152	389	0.047	ng/ul	0.01
18) Fluoranthene-d10	18.854	212	726	0.046	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.790	152	395	0.023	ng/ul#	43
15) Phenanthrene	16.863	178	3711	0.198	ng/ul	94
16) Anthracene	16.956	178	800	0.057	ng/ul#	64
19) Fluoranthene	18.881	202	10439	0.462	ng/ul	99
20) Pyrene	19.239	202	6392	0.261	ng/ul#	95
21) Benzo(a)anthracene	21.006	228	4192m	0.208	ng/ul	
22) Chrysene	21.058	228	4905	0.190	ng/ul	96
24) Benzo(b)fluoranthene	22.493	252	7917m	0.352	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	3229m	0.121	ng/ul	
26) Benzo(a)pyrene	23.013	252	2121	0.102	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.175	276	2414	0.071	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.169	278	920	0.036	ng/ul#	12

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

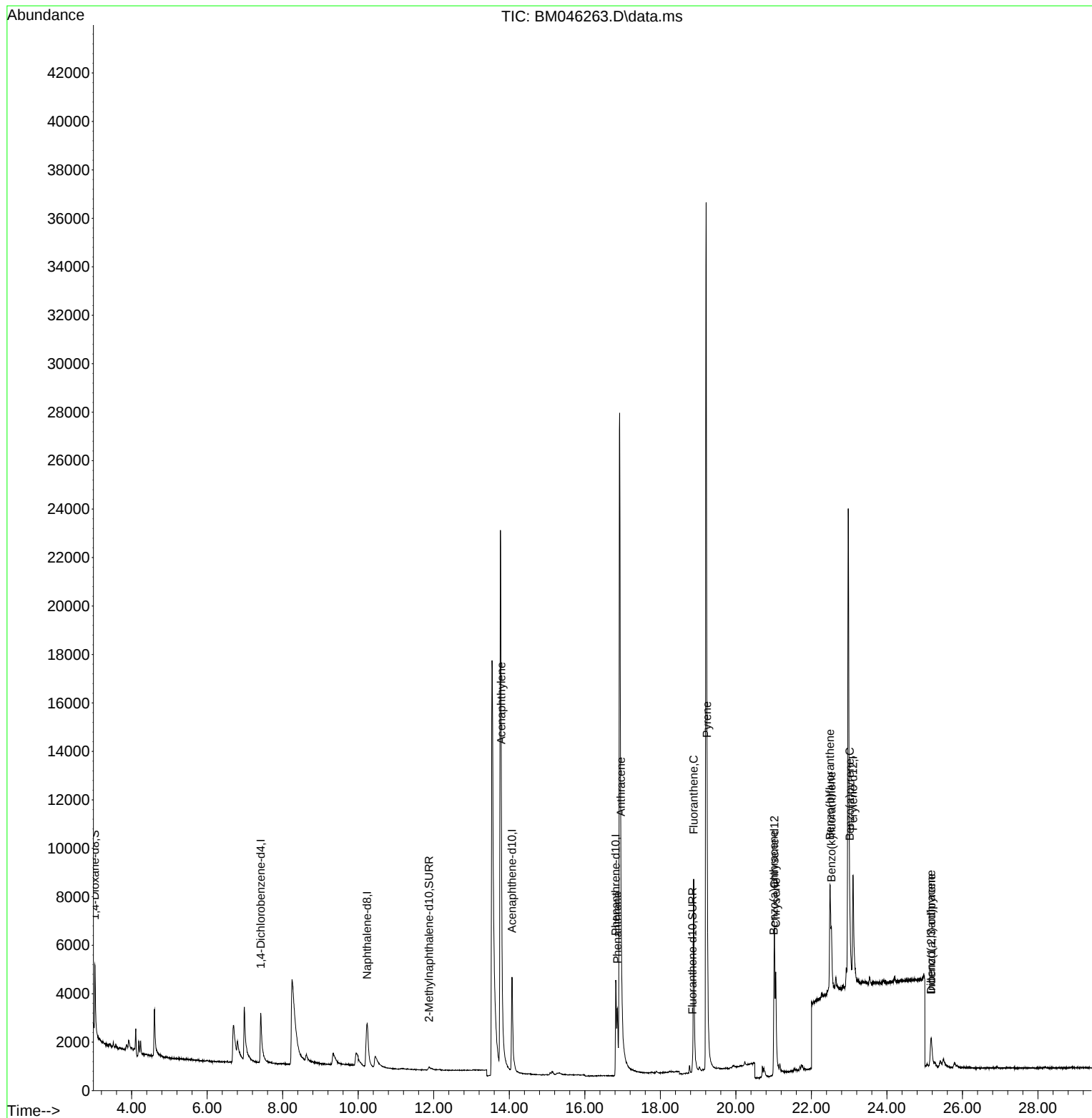
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046263.D
Acq On : 24 Jun 2024 21:10
Operator : MA/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

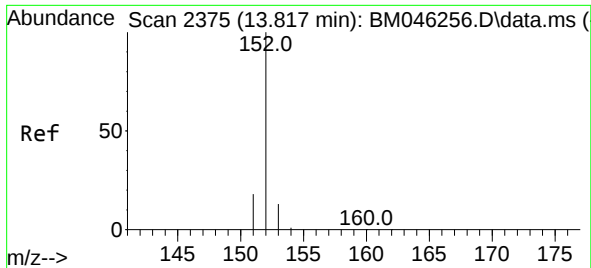
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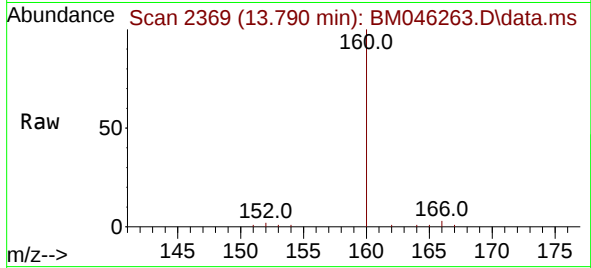
Quant Time: Jun 25 02:27:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 13.790 min Scan# 21
Delta R.T. -0.045 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

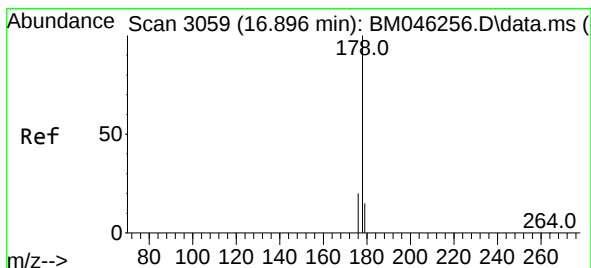
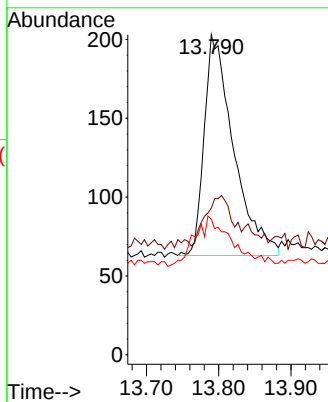
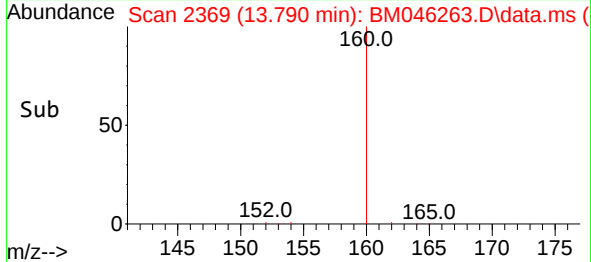
Instrument :
BNA_M
ClientSampleId :
A4B95DL



Tgt Ion:152 Resp: 39
Ion Ratio Lower Upper
152 100
151 45.8 17.4 26.2
153 42.4 11.8 17.8

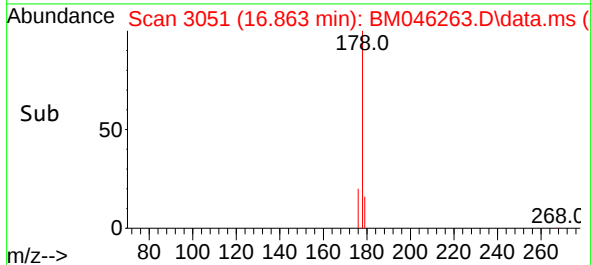
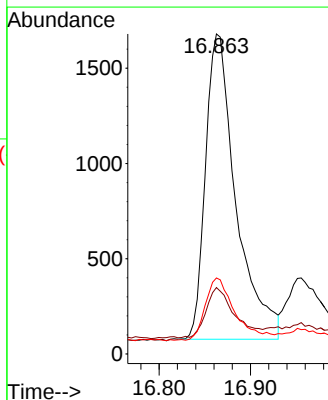
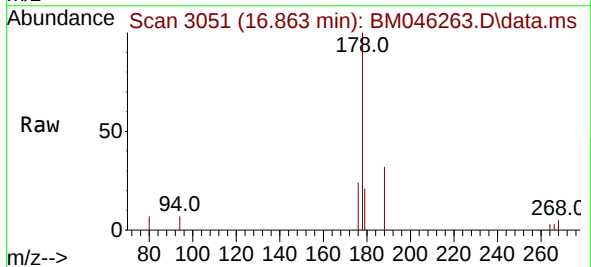
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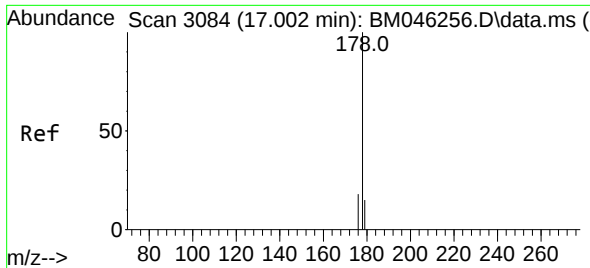
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.198 ng/u1
RT: 16.863 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

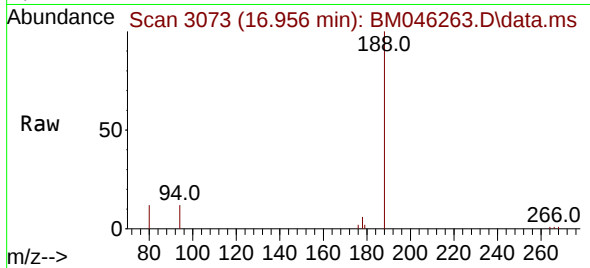
Tgt Ion:178 Resp: 3711
Ion Ratio Lower Upper
178 100
179 20.8 14.2 21.2
176 23.8 17.1 25.7





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 16.956 min Scan# 3084
 Delta R.T. -0.049 min
 Lab File: BM046263.D
 Acq: 24 Jun 2024 21:10

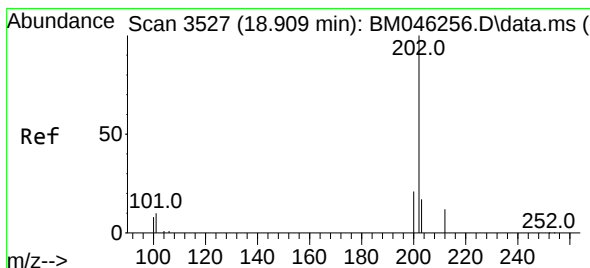
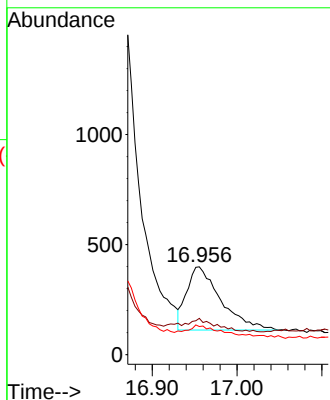
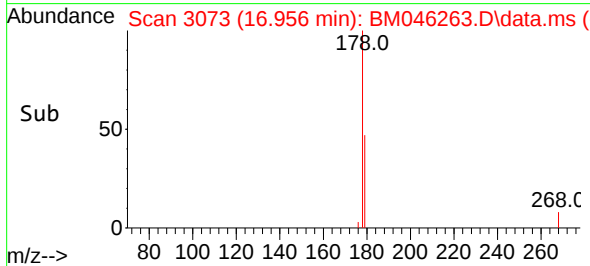
Instrument :
 BNA_M
 ClientSampleId :
 A4B95DL



Tgt Ion:178 Resp: 800
 Ion Ratio Lower Upper
 178 100
 179 41.4 14.9 22.3
 176 32.1 17.0 25.4

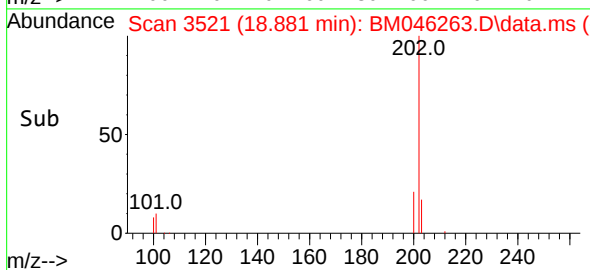
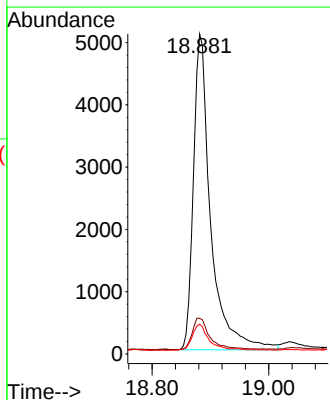
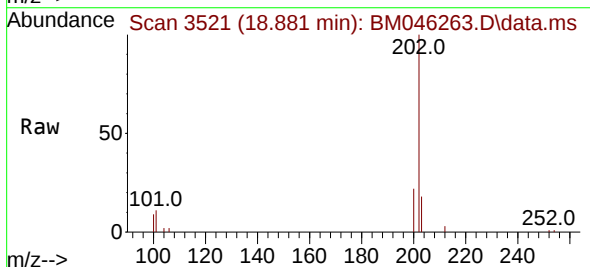
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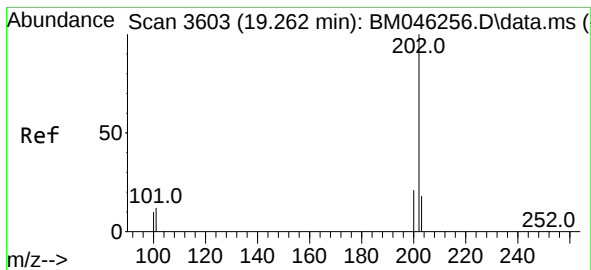
Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 0.462 ng/ul
 RT: 18.881 min Scan# 3521
 Delta R.T. -0.036 min
 Lab File: BM046263.D
 Acq: 24 Jun 2024 21:10

Tgt Ion:202 Resp: 10439
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.6 14.4
 100 9.3 7.6 11.4





#20

Pyrene

Concen: 0.261 ng/ul

RT: 19.239 min Scan# 3598

Delta R.T. -0.036 min

Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

Instrument :

BNA_M

ClientSampleId :

A4B95DL

Tgt Ion:202 Resp: 6392

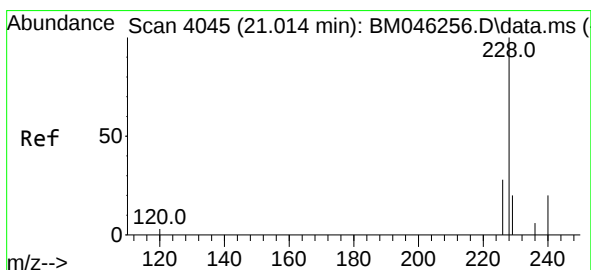
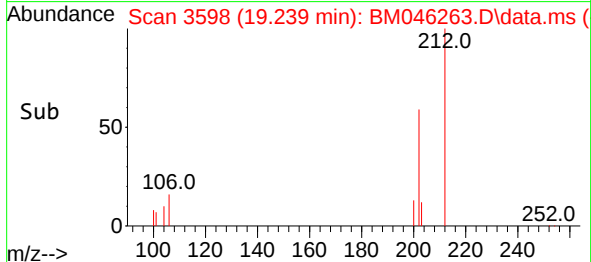
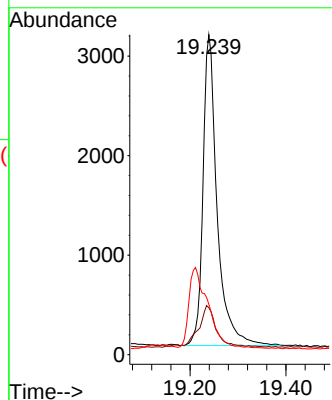
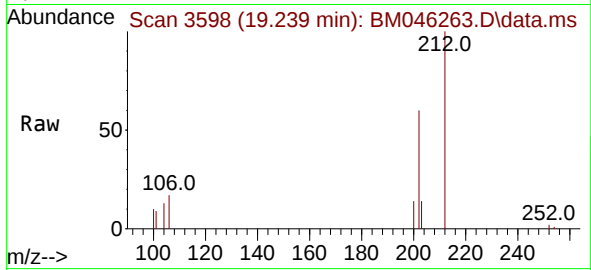
Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.3	16.9
100	15.7	9.8	14.6

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Supervised By :mohammad ahmed 06/27/2024



#21

Benzo(a)anthracene

Concen: 0.208 ng/ul m

RT: 21.006 min Scan# 4042

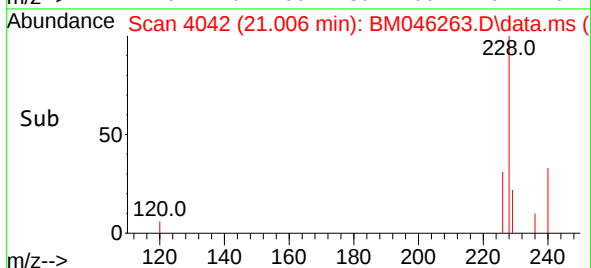
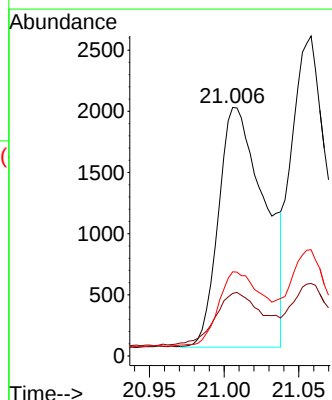
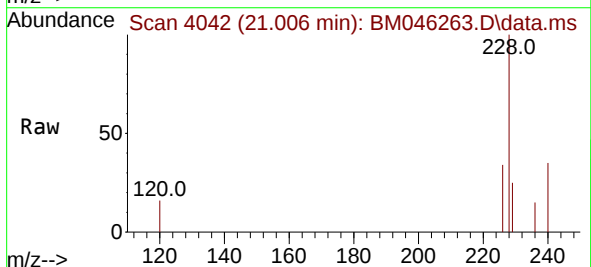
Delta R.T. -0.024 min

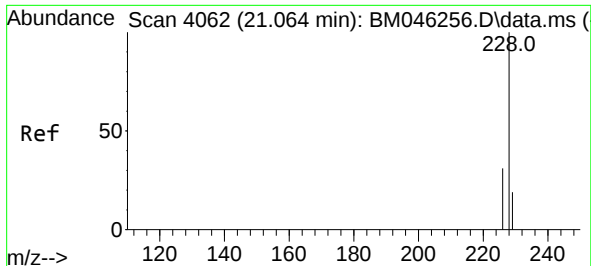
Lab File: BM046263.D

Acq: 24 Jun 2024 21:10

Tgt Ion:228 Resp: 4192

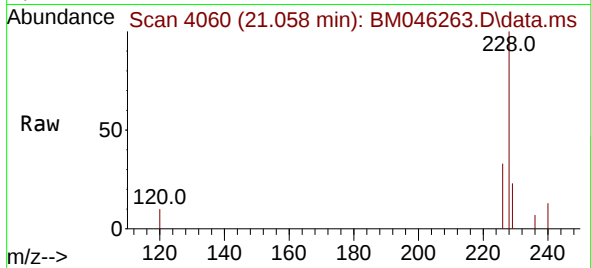
Ion	Ratio	Lower	Upper
228	100		
229	25.2	16.4	24.6
226	33.9	23.4	35.2





#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

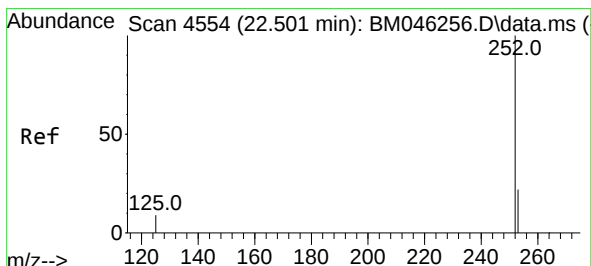
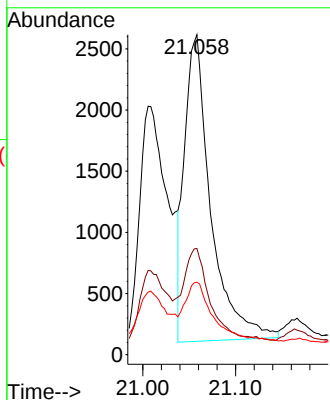
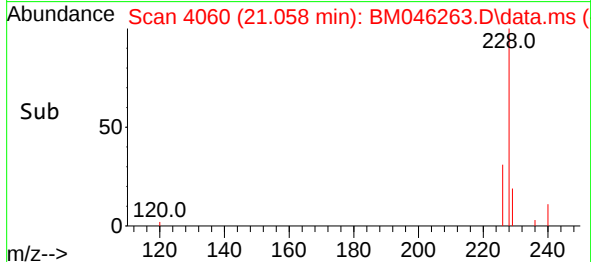
Instrument :
BNA_M
ClientSampleId :
A4B95DL



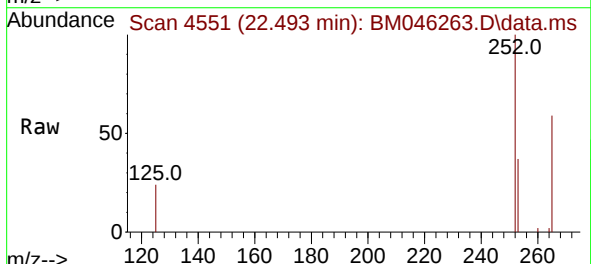
Tgt Ion:228 Resp: 4905
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 22.7 16.3 24.5

Manual Integrations
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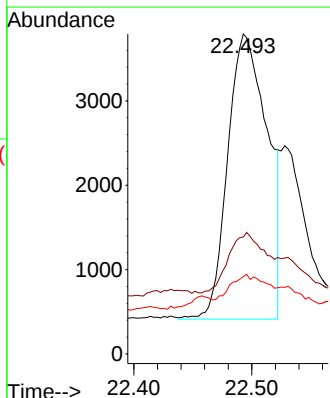
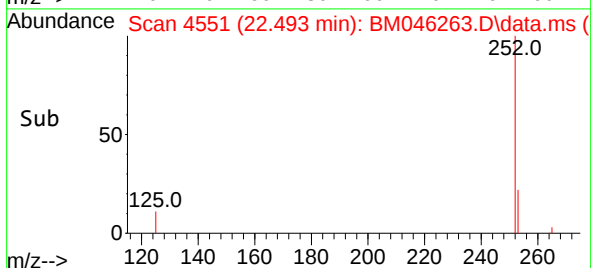
Reviewed By :Yogesh Patel 06/25/2024
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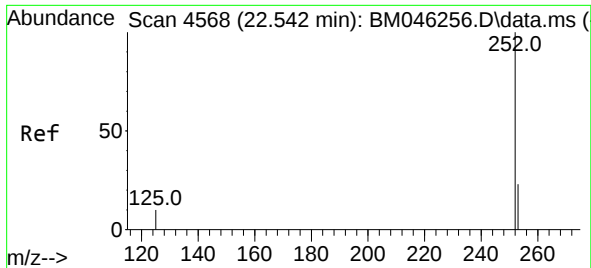


#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10



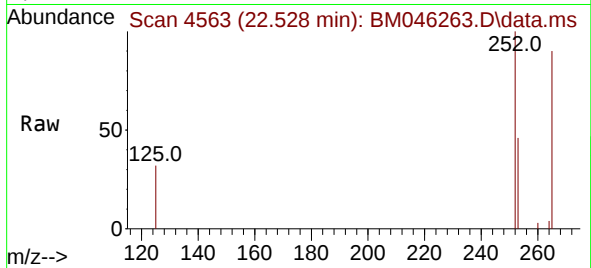
Tgt Ion:252 Resp: 7917
Ion Ratio Lower Upper
252 100
253 36.6 0.0 65.8
125 24.1 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.121 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

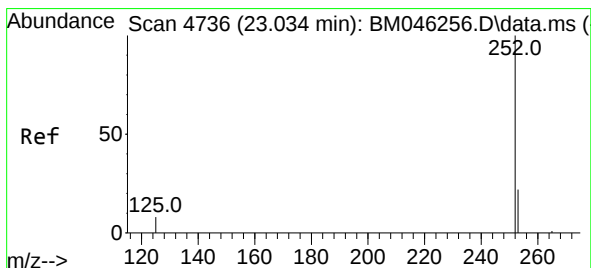
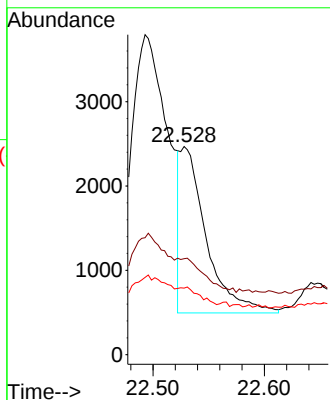
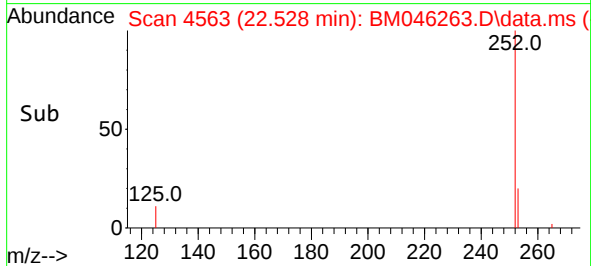
Instrument :
BNA_M
ClientSampleId :
A4B95DL



Tgt Ion:252 Resp: 3229
Ion Ratio Lower Upper
252 100
253 46.2 27.2 40.8#
125 32.0 16.6 25.0#

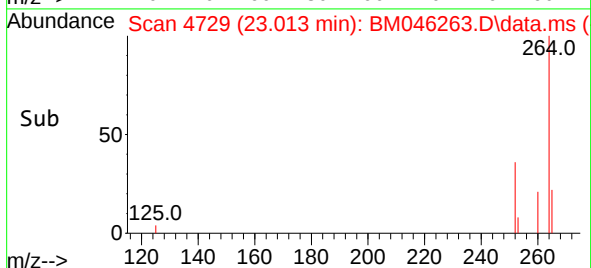
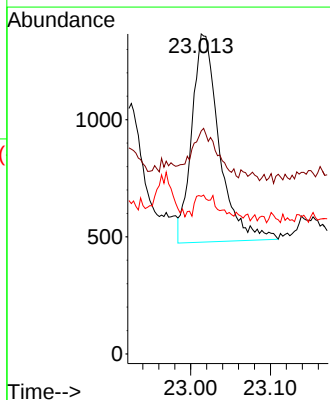
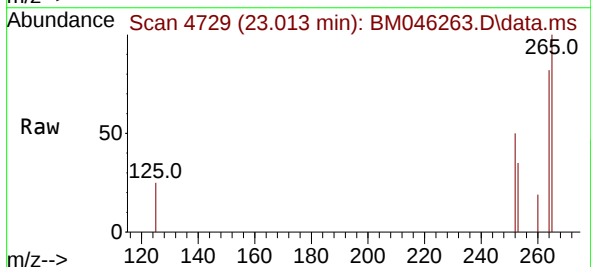
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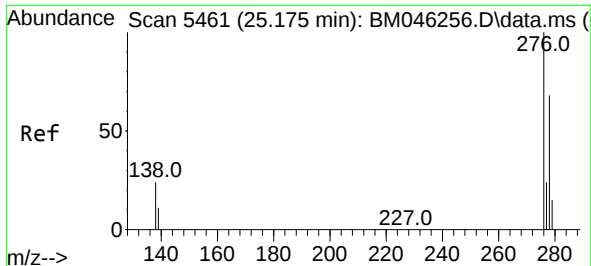
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.102 ng/ul
RT: 23.013 min Scan# 4729
Delta R.T. -0.041 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

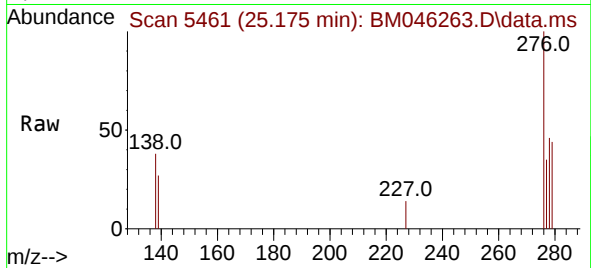
Tgt Ion:252 Resp: 2121
Ion Ratio Lower Upper
252 100
253 69.7 32.1 48.1#
125 49.3 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10

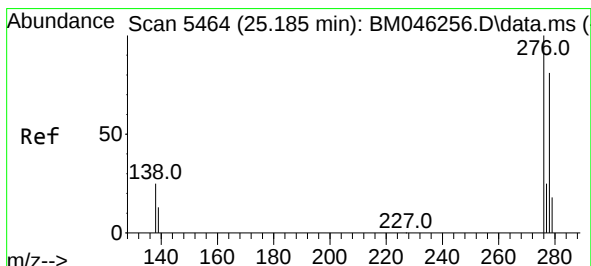
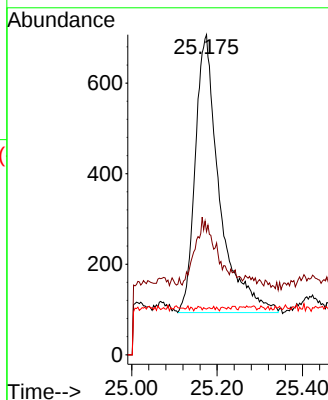
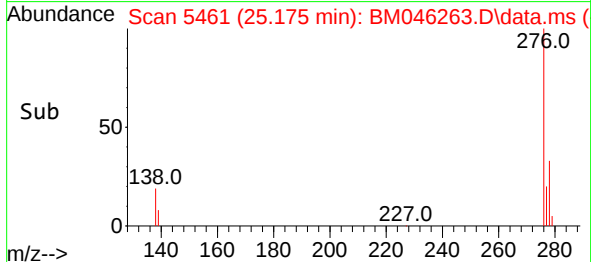
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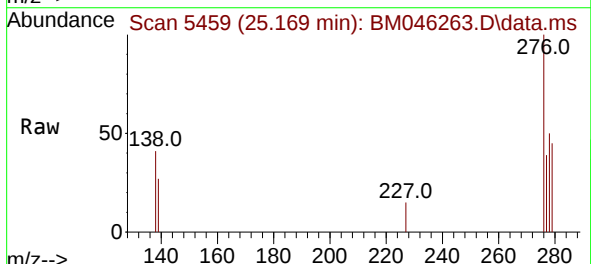
Tgt Ion:276 Resp: 2414
Ion Ratio Lower Upper
276 100
138 23.3 21.0 31.4
227 0.0 0.0 0.0

Manual Integrations
APPROVED

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



#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.169 min Scan# 5459
Delta R.T. -0.047 min
Lab File: BM046263.D
Acq: 24 Jun 2024 21:10



Tgt Ion:278 Resp: 920
Ion Ratio Lower Upper
278 100
139 53.4 17.6 26.4#
279 90.6 26.3 39.5#

