

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046267.D
 Acq On : 24 Jun 2024 23:35
 Operator : MA/JU
 Sample : P2776-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA6DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 02:28:15 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	2507	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.222	136	7029	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.067	164	4120	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7683	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	6250	0.400	ng/ul	-0.03
23) Perylene-d12	23.095	264	7138m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2153	0.626	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	410	0.043	ng/ul	-0.02
18) Fluoranthene-d10	18.844	212	881	0.047	ng/ul	-0.04
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.790	152	660	0.034	ng/ul#	54
15) Phenanthrene	16.854	178	3877	0.180	ng/ul	96
16) Anthracene	16.947	178	840	0.052	ng/ul#	61
19) Fluoranthene	18.872	202	9194	0.340	ng/ul	100
20) Pyrene	19.230	202	8646	0.295	ng/ul#	93
21) Benzo(a)anthracene	20.997	228	3944	0.163	ng/ul#	90
22) Chrysene	21.049	228	4278	0.139	ng/ul#	93
24) Benzo(b)fluoranthene	22.481	252	7342m	0.285	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	2682m	0.088	ng/ul	
26) Benzo(a)pyrene	23.001	252	4305	0.181	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.148	276	3900	0.100	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.158	278	799	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	25.769	276	4068	0.122	ng/ul#	82

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

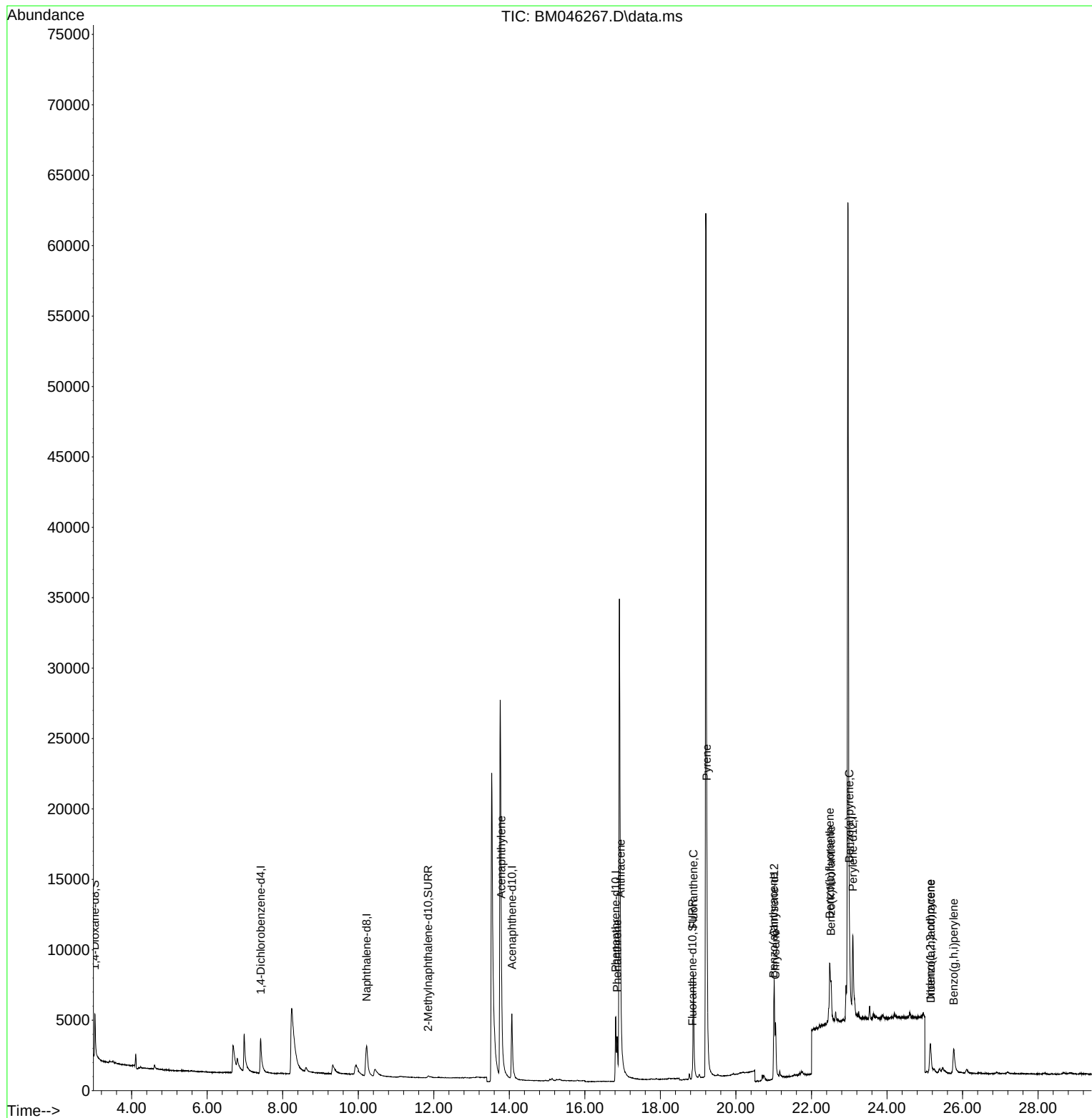
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046267.D
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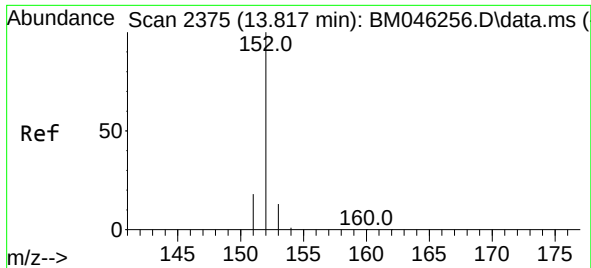
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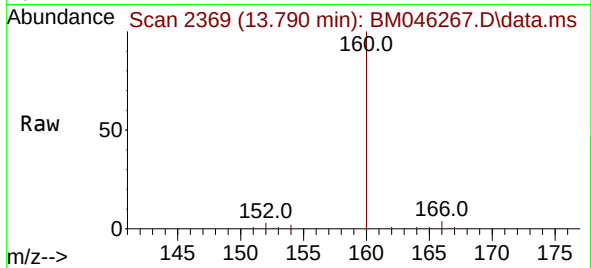
Quant Time: Jun 25 02:28:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.790 min Scan# 21
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

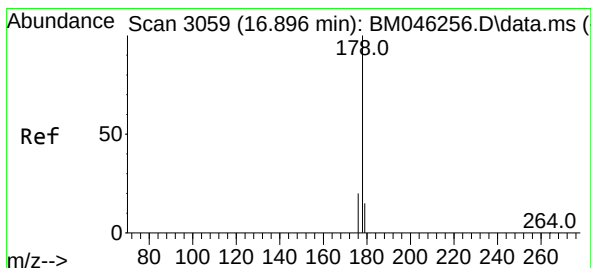
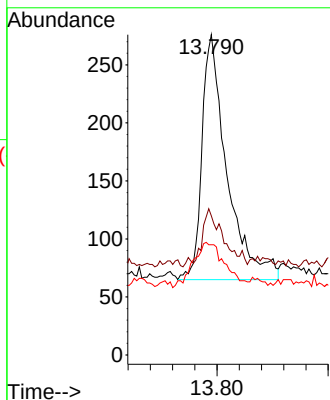
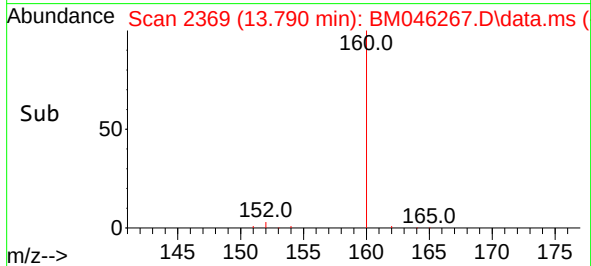
Instrument :
BNA_M
ClientSampleId :
A4CA6DL



Tgt Ion:152 Resp: 660
Ion Ratio Lower Upper
152 100
151 43.5 17.4 26.2
153 34.4 11.8 17.8

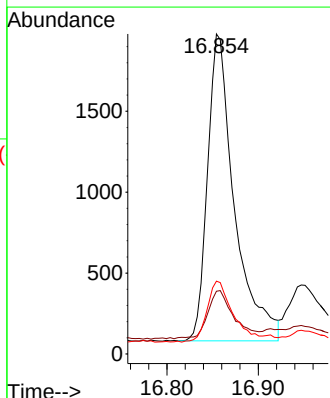
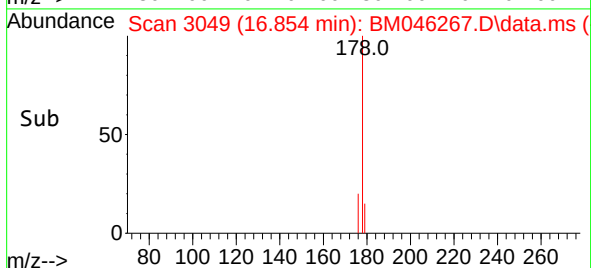
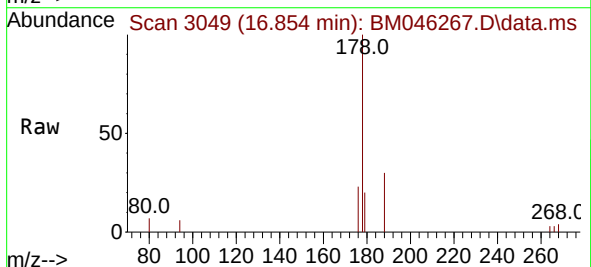
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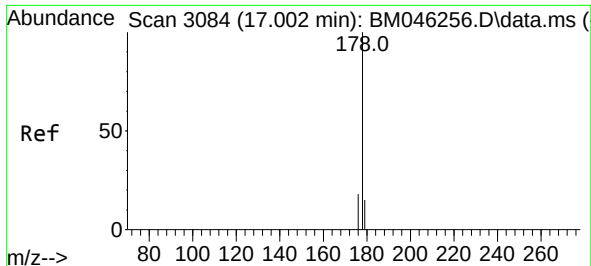
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.180 ng/ul
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

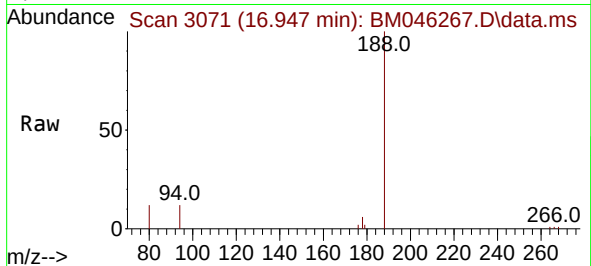
Tgt Ion:178 Resp: 3877
Ion Ratio Lower Upper
178 100
179 19.6 14.2 21.2
176 22.8 17.1 25.7





#16
Anthracene
Concen: 0.052 ng/ul
RT: 16.947 min Scan# 3084
Delta R.T. -0.058 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

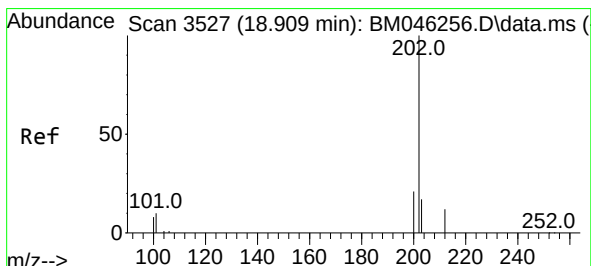
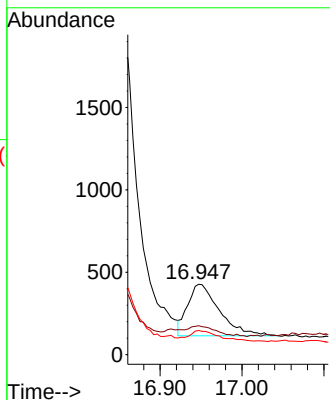
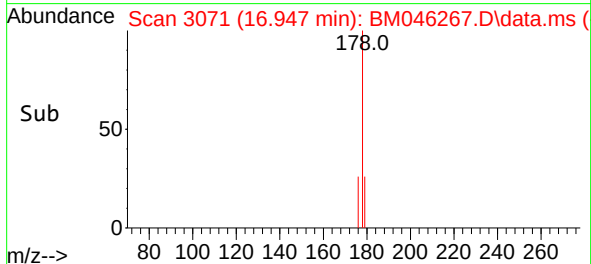
Instrument :
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ClientSampleId :
A4CA6DL



Tgt Ion:178 Resp: 840
Ion Ratio Lower Upper
178 100
179 41.2 14.9 22.3
176 34.4 17.0 25.4

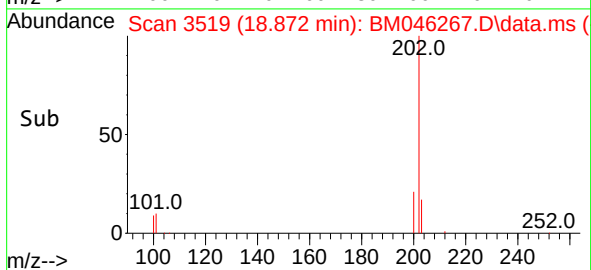
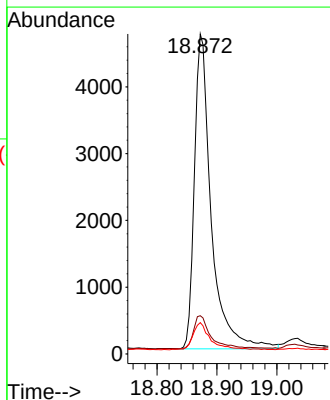
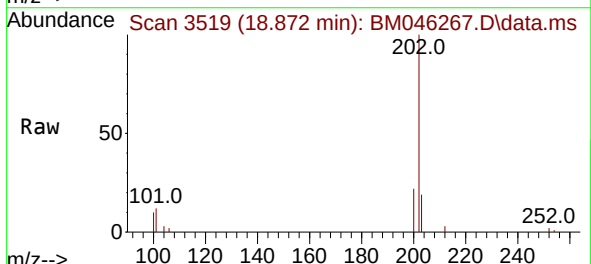
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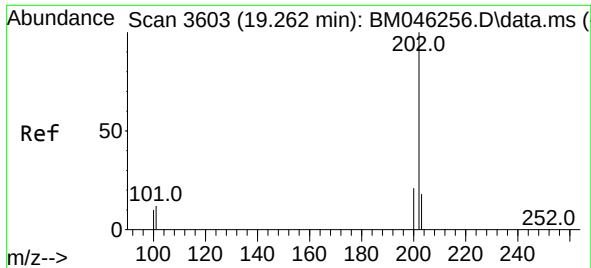
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

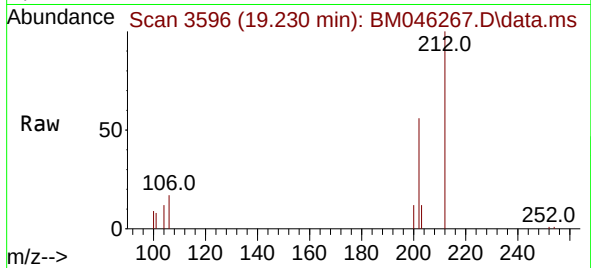
Tgt Ion:202 Resp: 9194
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
100 9.8 7.6 11.4





#20
Pyrene
Concen: 0.295 ng/ul
RT: 19.230 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

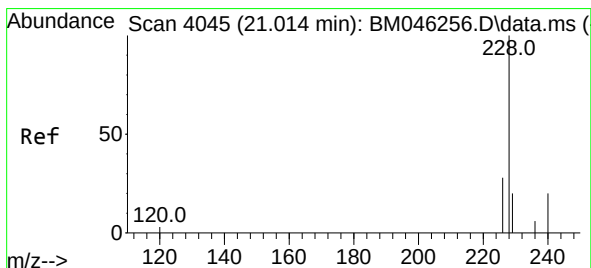
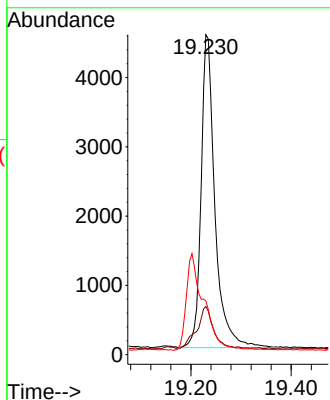
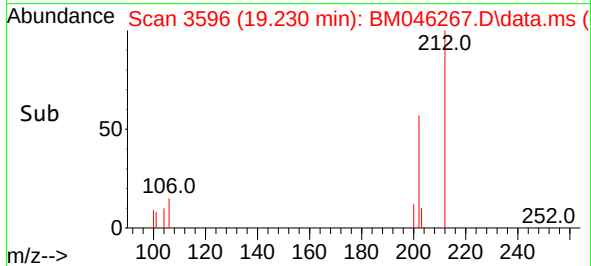
Instrument :
BNA_M
ClientSampleId :
A4CA6DL



Tgt Ion:202 Resp: 8640
Ion Ratio Lower Upper
202 100
101 15.0 11.3 16.9
100 16.8 9.8 14.6

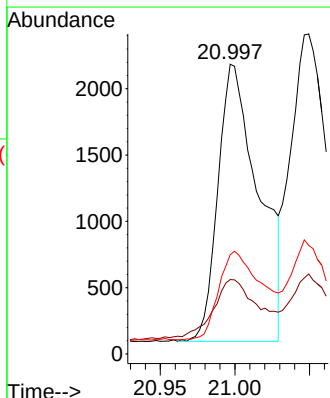
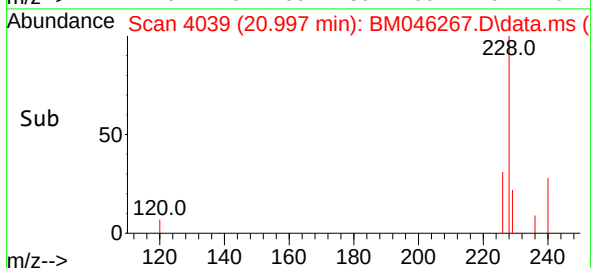
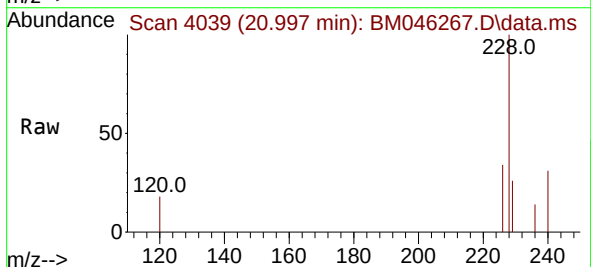
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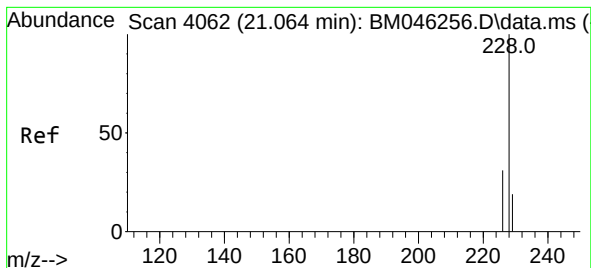
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#21
Benzo(a)anthracene
Concen: 0.163 ng/ul
RT: 20.997 min Scan# 4039
Delta R.T. -0.033 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

Tgt Ion:228 Resp: 3944
Ion Ratio Lower Upper
228 100
229 25.7 16.4 24.6#
226 34.2 23.4 35.2





#22

Chrysene

Concen: 0.139 ng/ul

RT: 21.049 min Scan# 4062

Delta R.T. -0.027 min

Lab File: BM046267.D

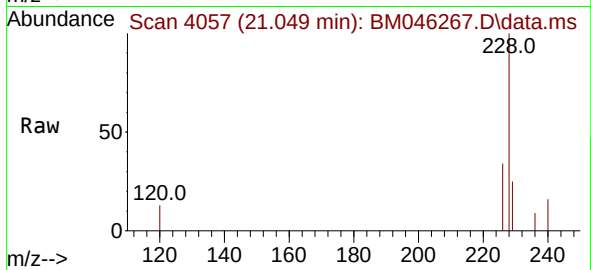
Acq: 24 Jun 2024 23:35

Instrument :

BNA_M

ClientSampleId :

A4CA6DL



Tgt Ion:228 Resp: 4278

Ion Ratio Lower Upper

228 100

226 33.9 25.2 37.8

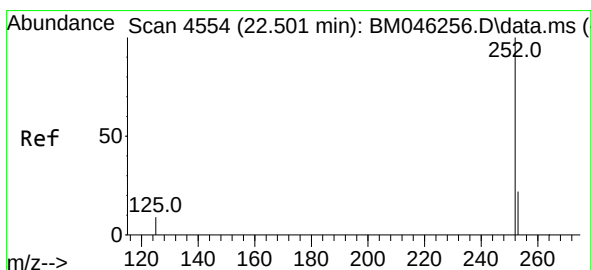
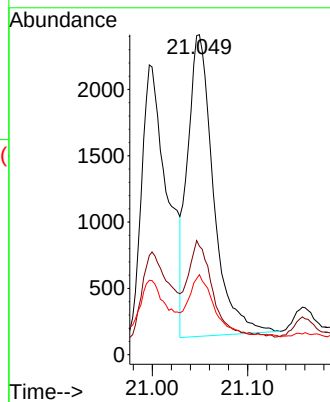
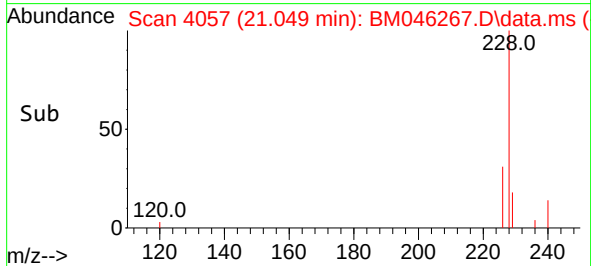
229 25.0 16.3 24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#24

Benzo(b)fluoranthene

Concen: 0.285 ng/ul m

RT: 22.481 min Scan# 4547

Delta R.T. -0.038 min

Lab File: BM046267.D

Acq: 24 Jun 2024 23:35

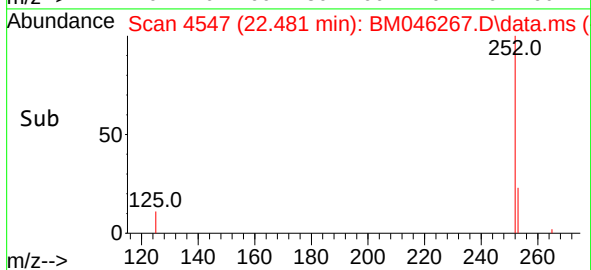
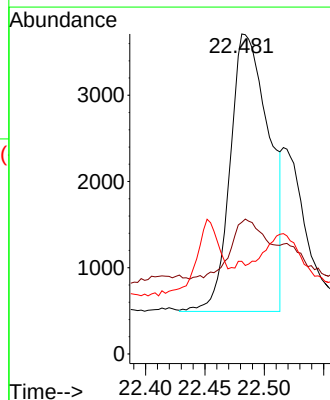
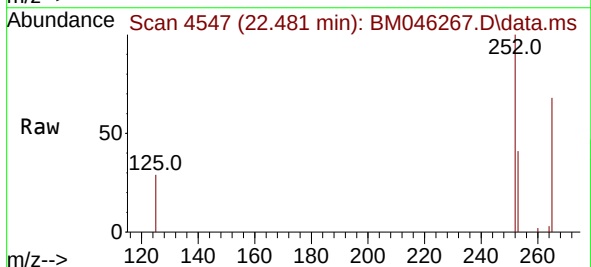
Tgt Ion:252 Resp: 7342

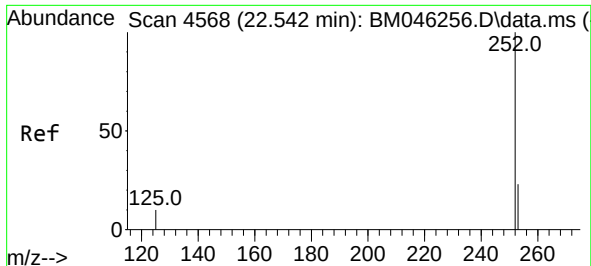
Ion Ratio Lower Upper

252 100

253 41.1 0.0 65.8

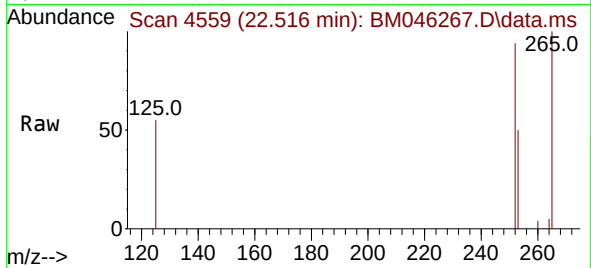
125 28.9 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.516 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

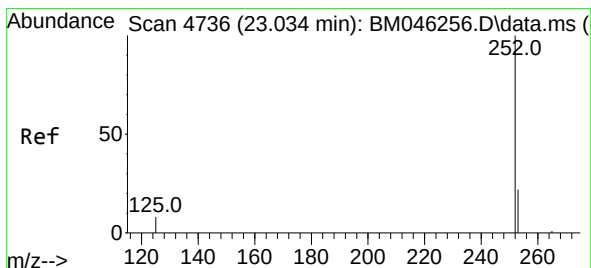
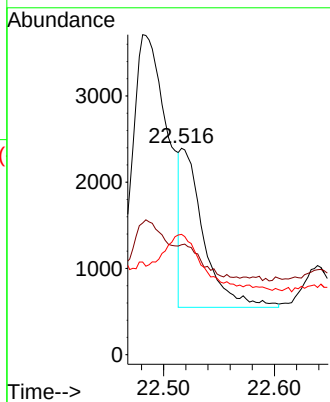
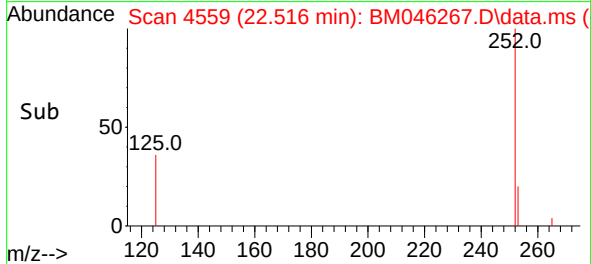
Instrument :
BNA_M
ClientSampleId :
A4CA6DL



Tgt Ion:252 Resp: 268
Ion Ratio Lower Upper
252 100
253 53.3 27.2 40.8
125 58.3 16.6 25.0

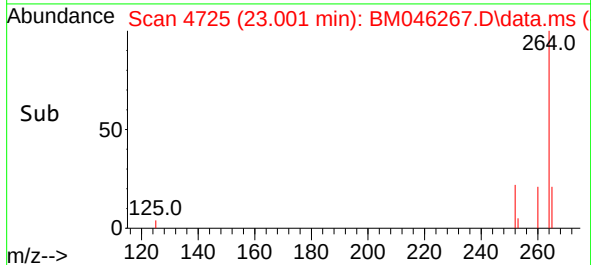
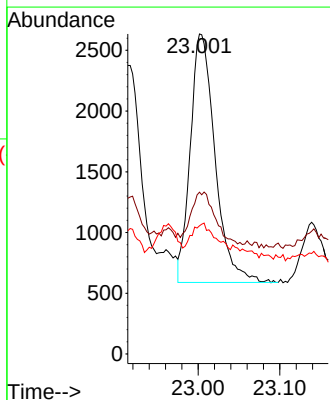
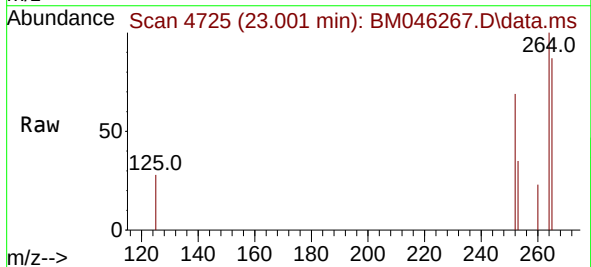
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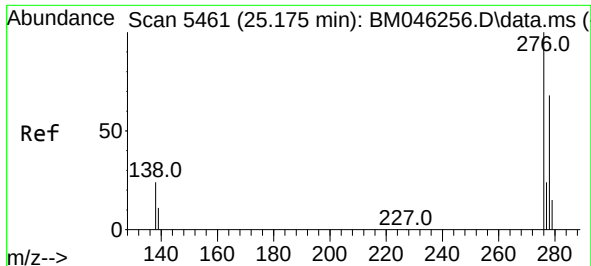
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.001 min Scan# 4725
Delta R.T. -0.053 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

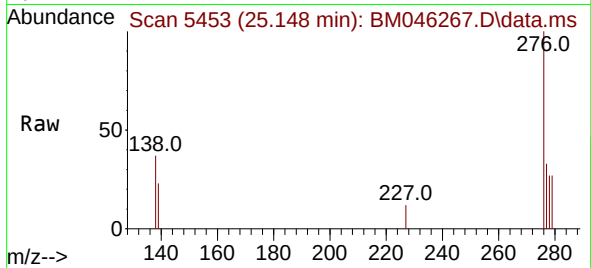
Tgt Ion:252 Resp: 4305
Ion Ratio Lower Upper
252 100
253 50.6 32.1 48.1#
125 40.1 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 25.148 min Scan# 5461
Delta R.T. -0.054 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35

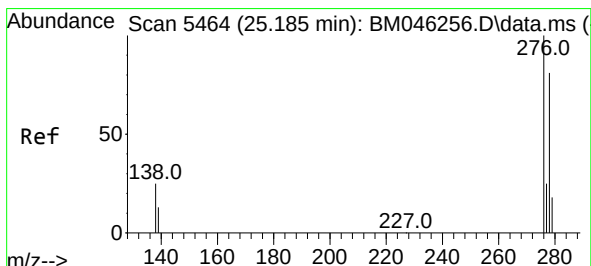
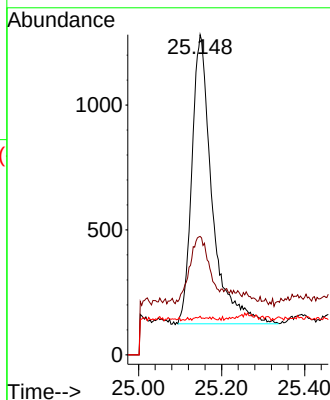
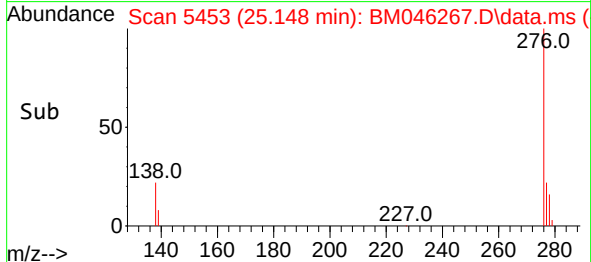
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A4CA6DL



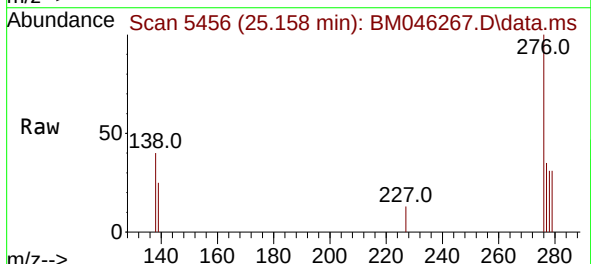
Tgt Ion:276 Resp: 3900
Ion Ratio Lower Upper
276 100
138 24.1 21.0 31.4
227 0.0 0.0 0.0

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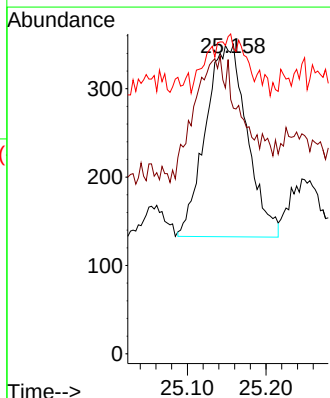
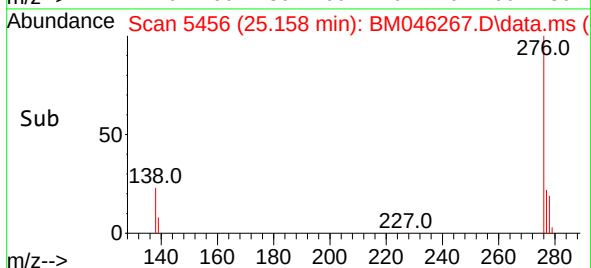
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

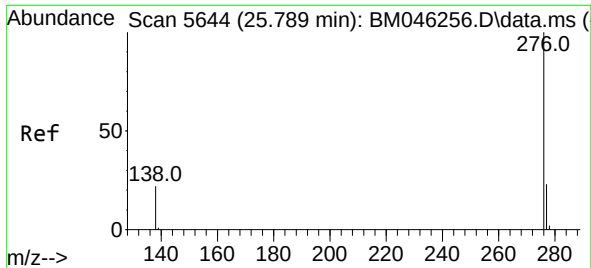


#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.158 min Scan# 5456
Delta R.T. -0.057 min
Lab File: BM046267.D
Acq: 24 Jun 2024 23:35



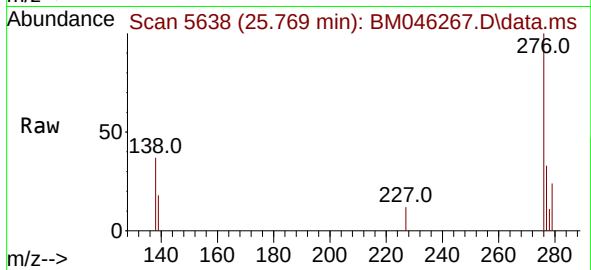
Tgt Ion:278 Resp: 799
Ion Ratio Lower Upper
278 100
139 79.4 17.6 26.4#
279 98.9 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.122 ng/ul
 RT: 25.769 min Scan# 50
 Delta R.T. -0.061 min
 Lab File: BM046267.D
 Acq: 24 Jun 2024 23:35

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 4068

Ion	Ratio	Lower	Upper
276	100		
138	37.4	21.7	32.5
277	33.4	20.4	30.6

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