

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046171.D
 Acq On : 21 Jun 2024 21:56
 Operator : MA/JU
 Sample : P2754-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:28:25 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	7.417	152	2402	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	6870	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.066	164	3799	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.811	188	8020m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.015	240	6597m	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264	7626m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11313	3.433	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.821	152	2317	0.251	ng/ul	-0.04
18) Fluoranthene-d10	18.848	212	4734	0.240	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	566	0.030	ng/ul#	59
7) 2-Methylnaphthalene	11.892	142	282	0.026	ng/ul	92
10) Acenaphthylene	13.788	152	1089	0.060	ng/ul#	75
11) Acenaphthene	14.131	153	360	0.028	ng/ul#	92
12) Fluorene	15.121	166	401	0.029	ng/ul#	93
15) Phenanthrene	16.853	178	9190m	0.408	ng/ul	
16) Anthracene	16.946	178	1580m	0.094	ng/ul	
19) Fluoranthene	18.875	202	23373	0.818	ng/ul	99
20) Pyrene	19.238	202	21767	0.705	ng/ul	99
21) Benzo(a)anthracene	21.000	228	10314m	0.405	ng/ul	
22) Chrysene	21.050	228	11527	0.354	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	20899m	0.761	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	6767m	0.207	ng/ul	
26) Benzo(a)pyrene	23.011	252	11703	0.460	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.152	276	11349	0.272	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.159	278	2386	0.077	ng/ul#	1
29) Benzo(g,h,i)perylene	25.773	276	12007	0.336	ng/ul	98

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

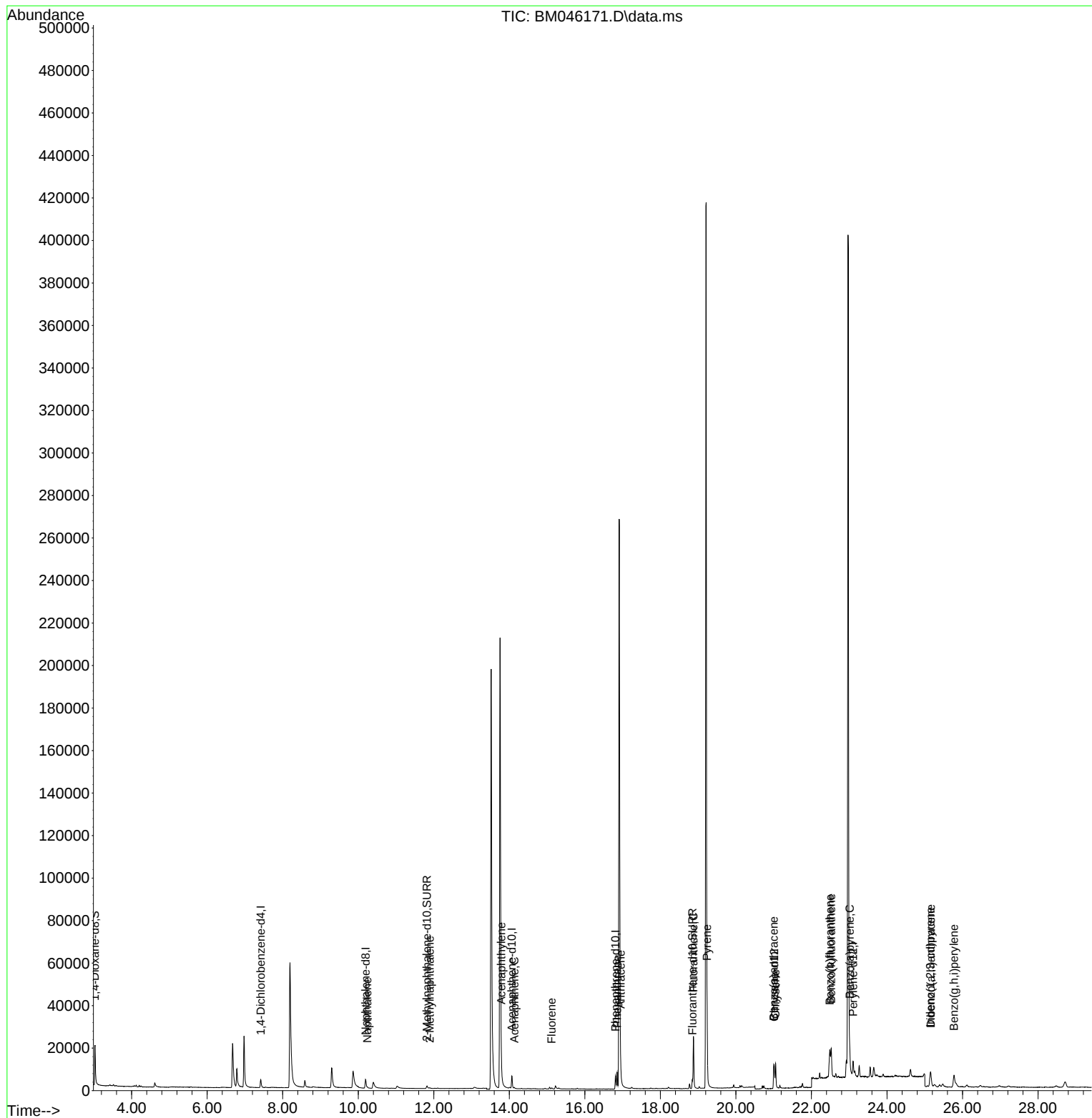
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046171.D
Acq On : 21 Jun 2024 21:56
Operator : MA/JU
Sample : P2754-21
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ALS Vial : 23 Sample Multiplier: 1

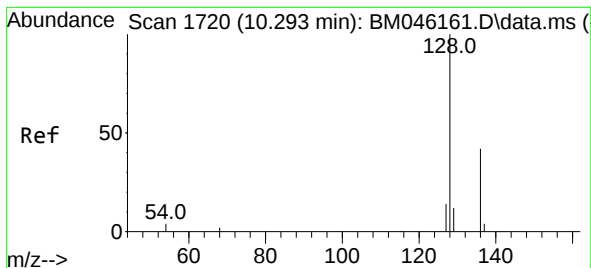
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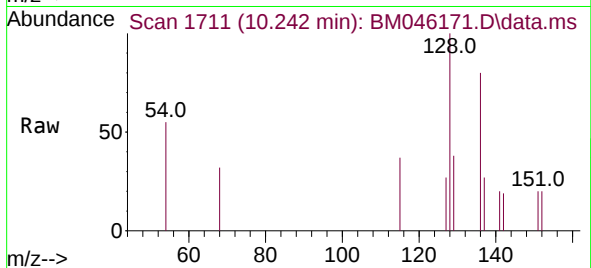
Quant Time: Jun 21 22:28:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.242 min Scan# 1711
Delta R.T. -0.060 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

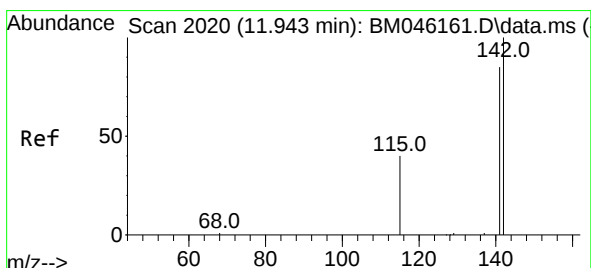
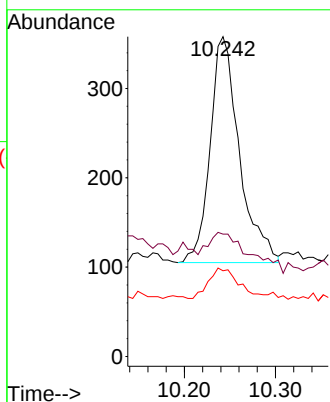
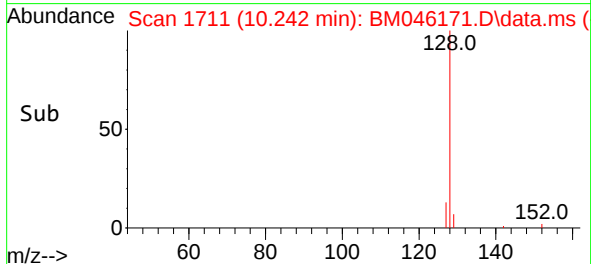
Instrument :
BNA_M
ClientSampleId :
A4CX9



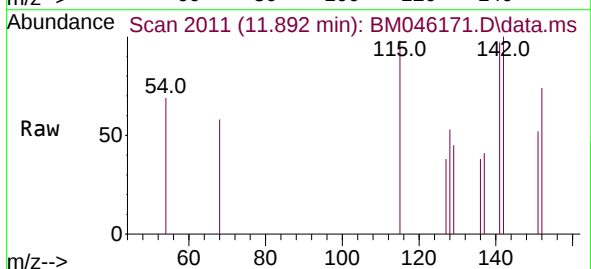
Tgt Ion:128 Resp: 560
Ion Ratio Lower Upper
128 100
129 38.3 11.8 17.6
127 26.8 12.8 19.2

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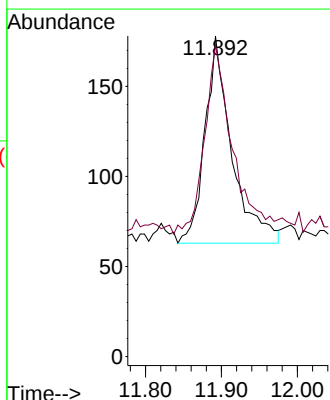
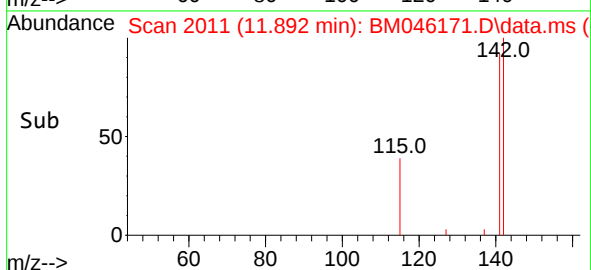
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

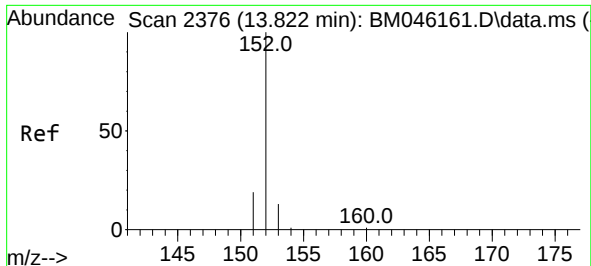


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.055 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56



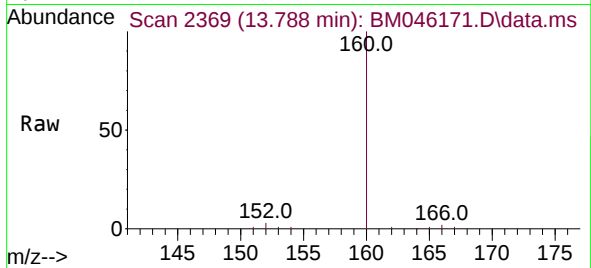
Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
141 100.7 74.6 111.8





#10
Acenaphthylene
Concen: 0.060 ng/u1
RT: 13.788 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

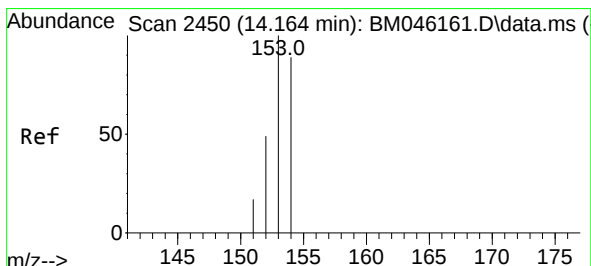
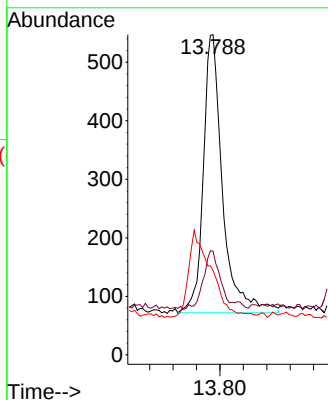
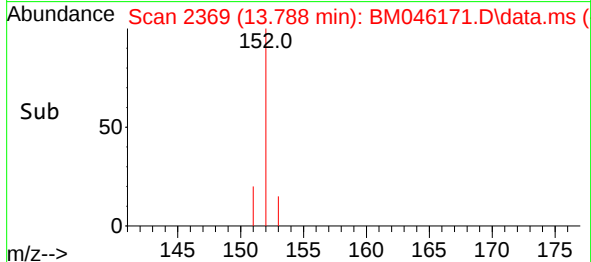
Instrument :
BNA_M
ClientSampleId :
A4CX9



Tgt Ion:152 Resp: 1089
Ion Ratio Lower Upper
152 100
151 32.4 17.4 26.2
153 26.3 11.8 17.8

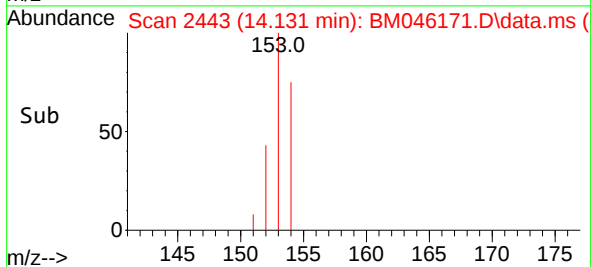
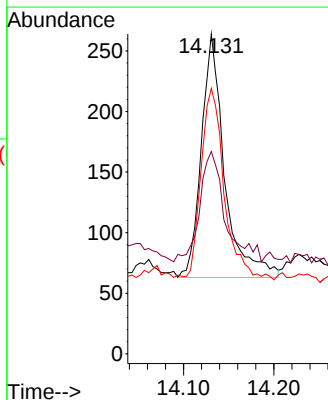
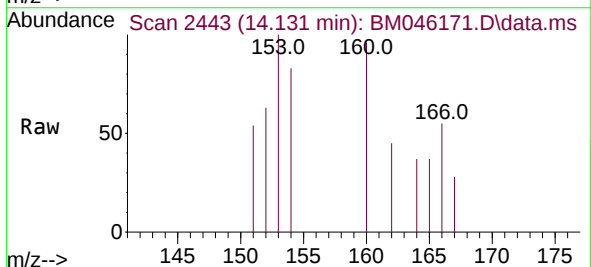
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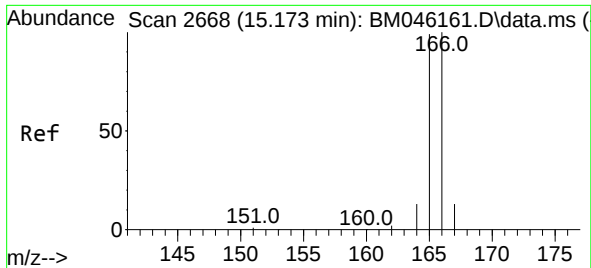
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

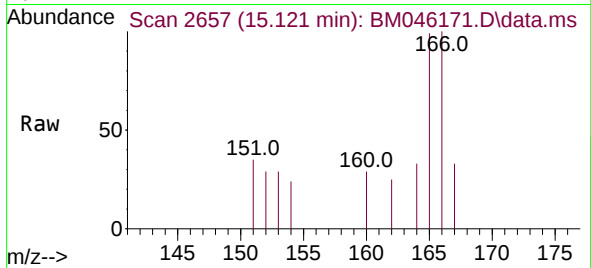
Tgt Ion:153 Resp: 360
Ion Ratio Lower Upper
153 100
152 63.3 41.3 61.9#
154 83.0 68.2 102.4





#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.121 min Scan# 2657
Delta R.T. -0.060 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

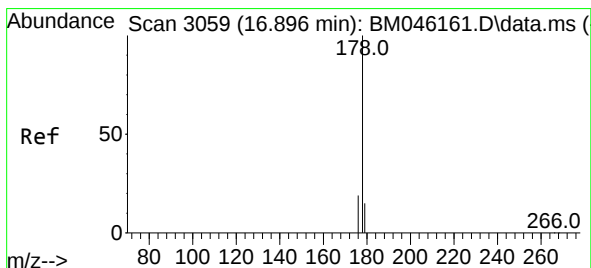
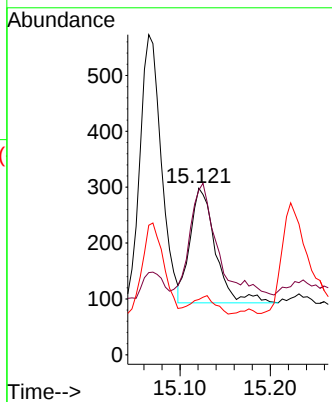
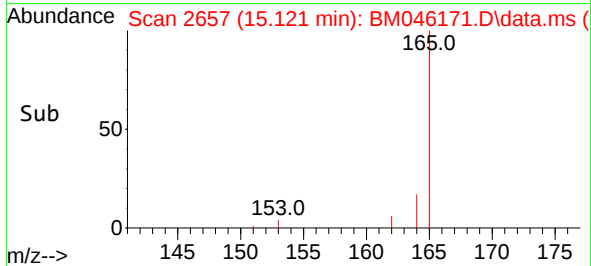
Instrument :
BNA_M
ClientSampleId :
A4CX9



Tgt Ion:166 Resp: 400
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 33.2 12.4 18.6

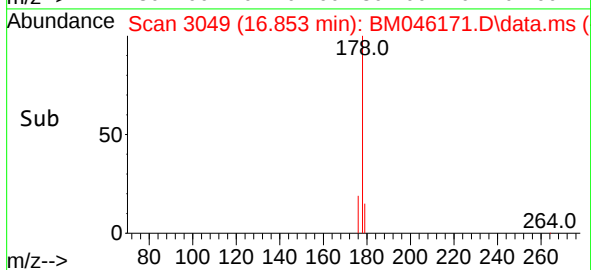
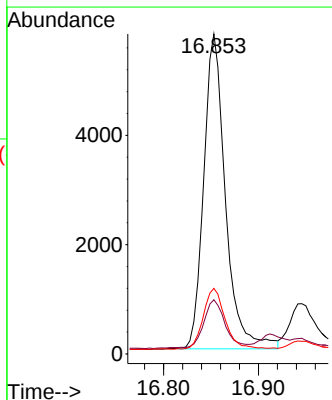
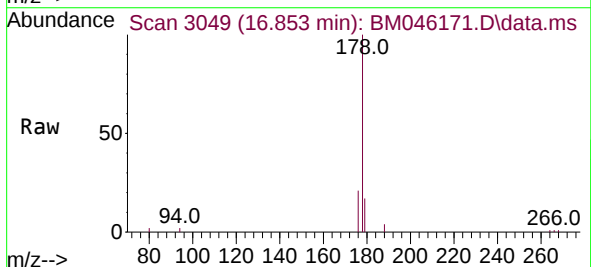
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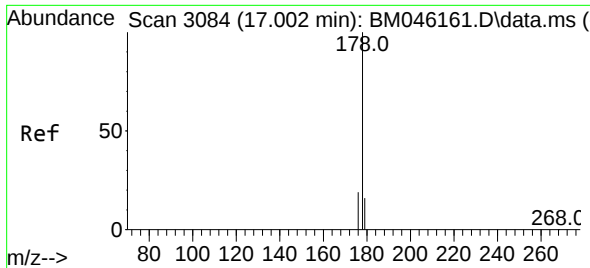
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 0.408 ng/ul m
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

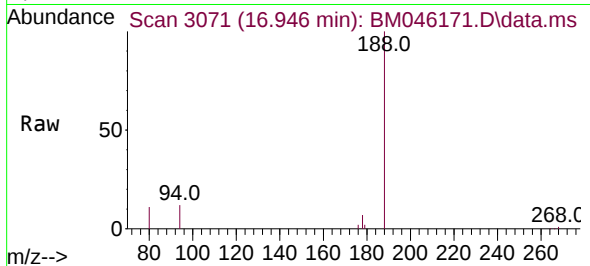
Tgt Ion:178 Resp: 9190
Ion Ratio Lower Upper
178 100
179 16.9 14.2 21.2
176 20.5 17.1 25.7





#16
 Anthracene
 Concen: 0.094 ng/ul m
 RT: 16.946 min Scan# 3084
 Delta R.T. -0.059 min
 Lab File: BM046171.D
 Acq: 21 Jun 2024 21:56

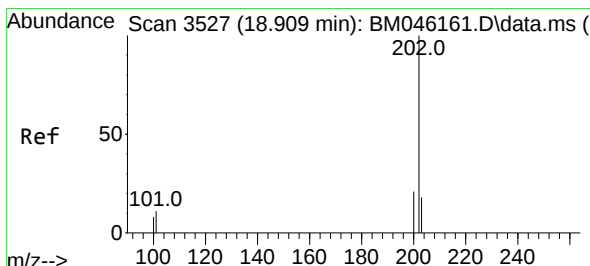
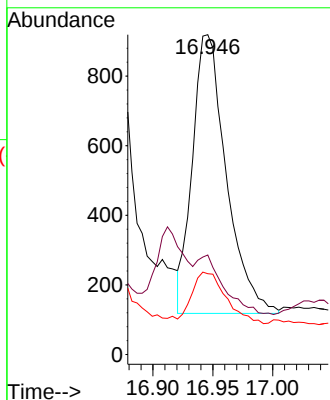
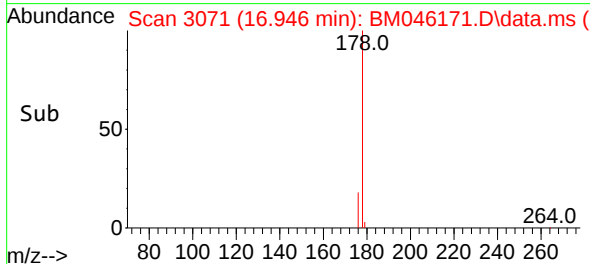
Instrument :
 BNA_M
 ClientSampleId :
 A4CX9



Tgt Ion:178 Resp: 1580
 Ion Ratio Lower Upper
 178 100
 179 31.1 14.9 22.3
 176 25.2 17.0 25.4

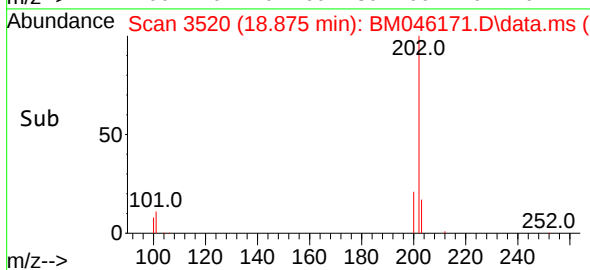
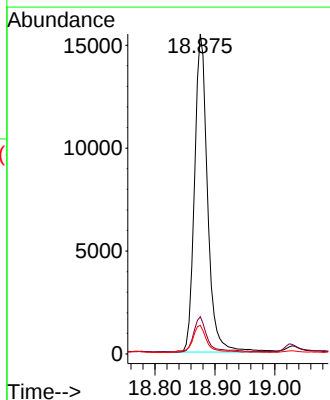
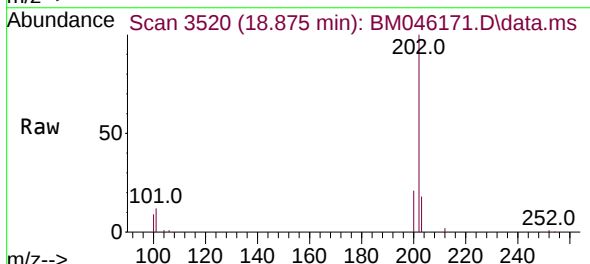
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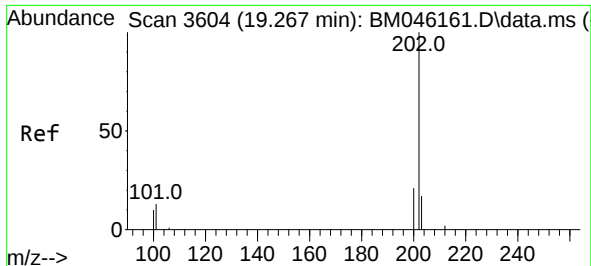
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 0.818 ng/ul
 RT: 18.875 min Scan# 3520
 Delta R.T. -0.042 min
 Lab File: BM046171.D
 Acq: 21 Jun 2024 21:56

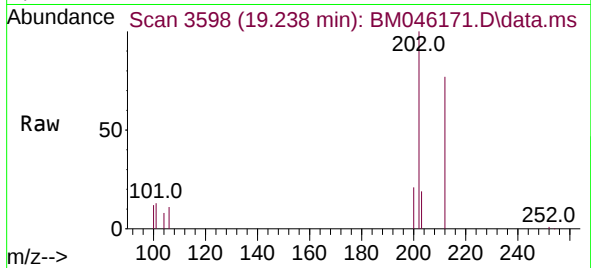
Tgt Ion:202 Resp: 23373
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.6 14.4
 100 8.9 7.6 11.4





#20
Pyrene
Concen: 0.705 ng/u1
RT: 19.238 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

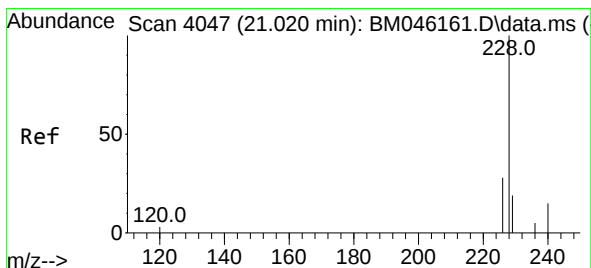
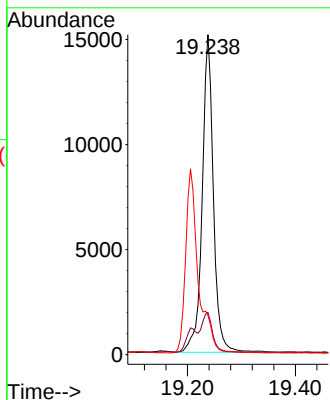
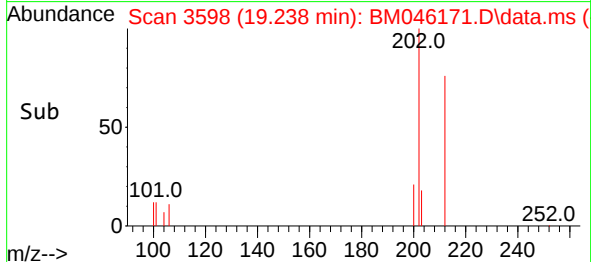
Instrument :
BNA_M
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A4CX9



Tgt Ion:202 Resp: 2176
Ion Ratio Lower Upper
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101 13.2 11.3 16.9
100 12.3 9.8 14.6

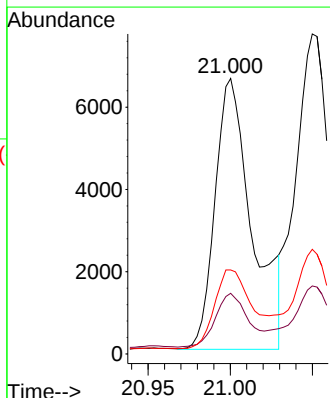
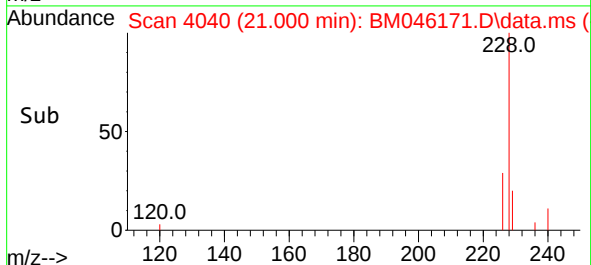
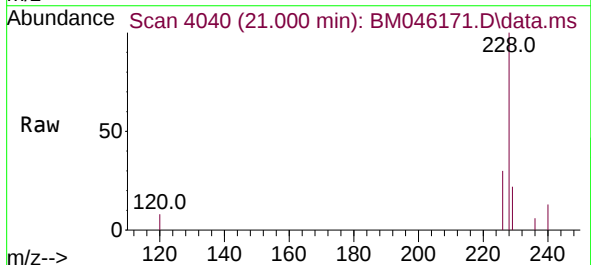
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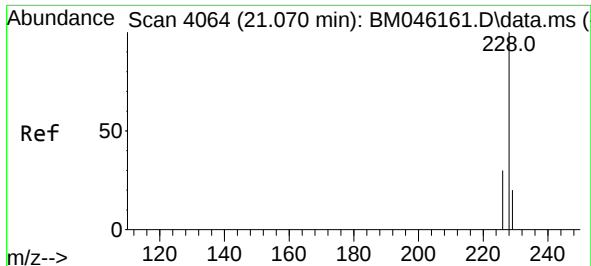
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#21
Benzo(a)anthracene
Concen: 0.405 ng/u1 m
RT: 21.000 min Scan# 4040
Delta R.T. -0.029 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

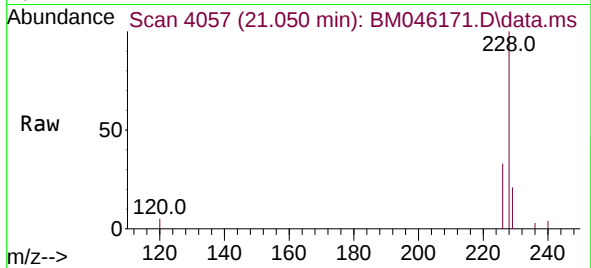
Tgt Ion:228 Resp: 10314
Ion Ratio Lower Upper
228 100
229 22.0 16.4 24.6
226 30.5 23.4 35.2





#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.050 min Scan# 4064
Delta R.T. -0.026 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

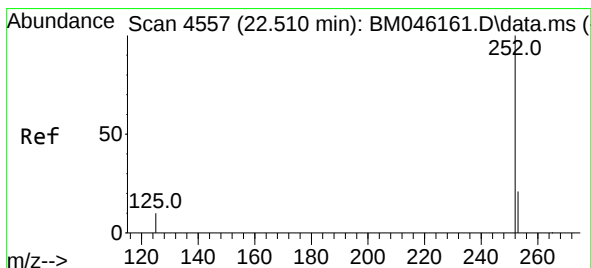
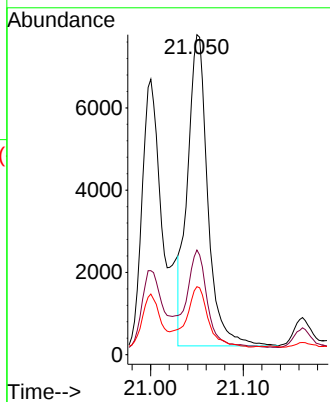
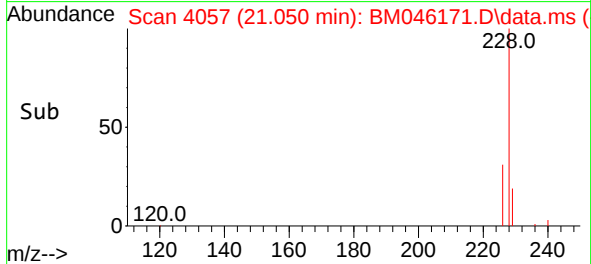
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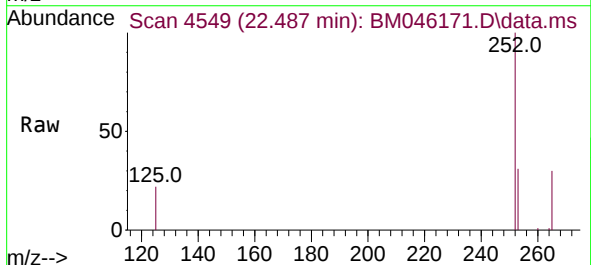
Tgt Ion:228 Resp: 1152
Ion Ratio Lower Upper
228 100
226 32.7 25.2 37.8
229 21.3 16.3 24.5

Manual Integrations
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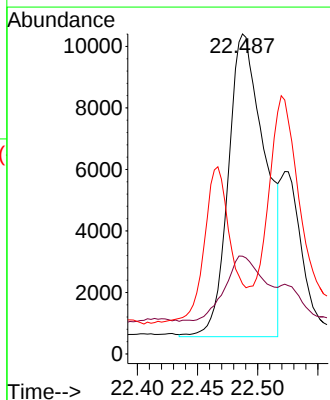
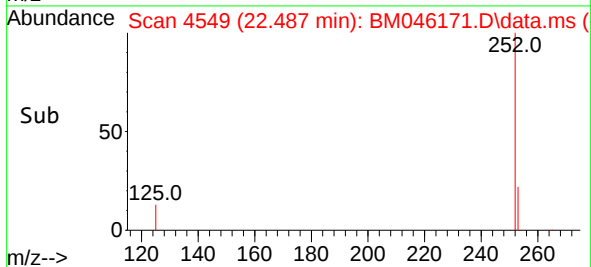
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

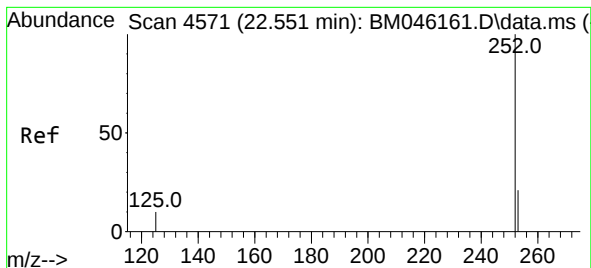


#24
Benzo(b)fluoranthene
Concen: 0.761 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.032 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56



Tgt Ion:252 Resp: 20899
Ion Ratio Lower Upper
252 100
253 30.5 0.0 65.8
125 21.9 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.207 ng/ul m

RT: 22.522 min Scan# 4

Delta R.T. -0.041 min

Lab File: BM046171.D

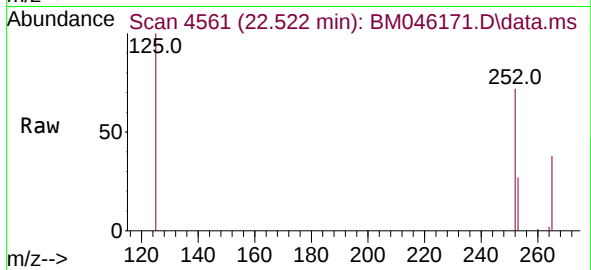
Acq: 21 Jun 2024 21:56

Instrument :

BNA_M

ClientSampleId :

A4CX9



Tgt Ion:252 Resp: 676

Ion Ratio Lower Upper

252 100

253 38.2 27.2 40.8

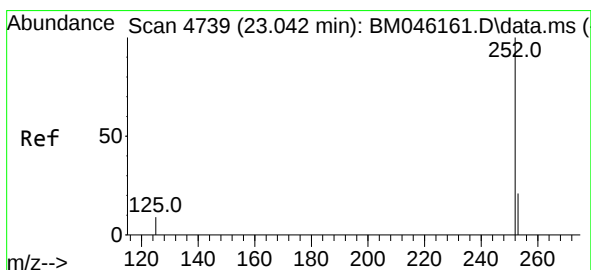
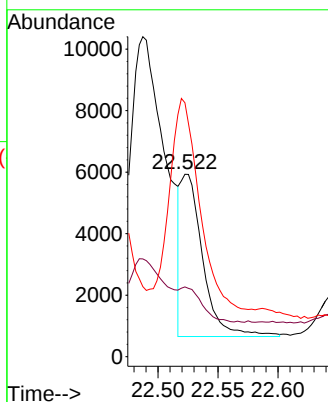
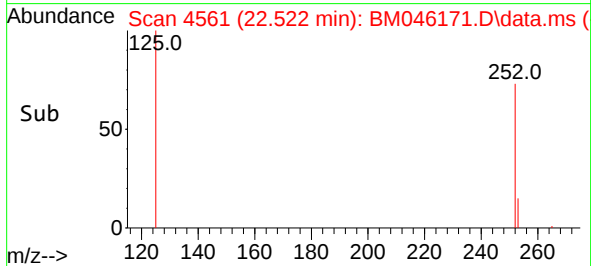
125 139.2 16.6 25.0

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#26

Benzo(a)pyrene

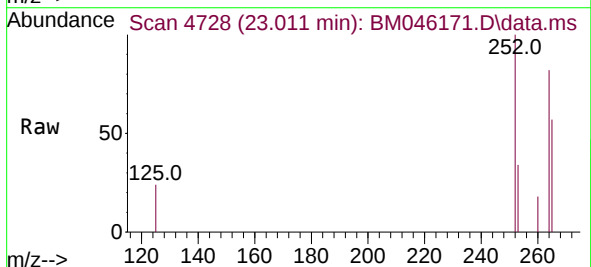
Concen: 0.460 ng/ul

RT: 23.011 min Scan# 4728

Delta R.T. -0.044 min

Lab File: BM046171.D

Acq: 21 Jun 2024 21:56



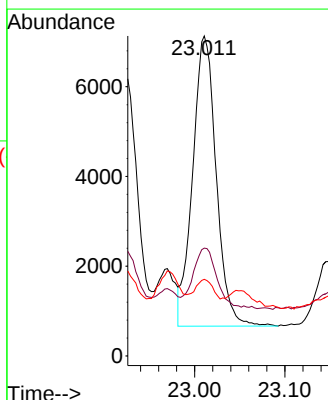
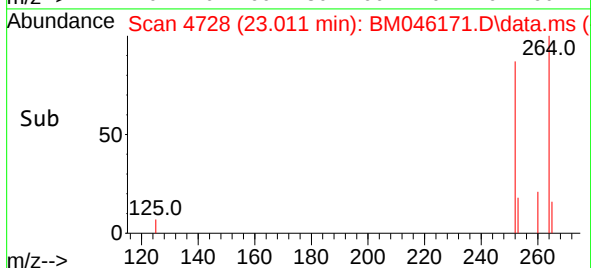
Tgt Ion:252 Resp: 11703

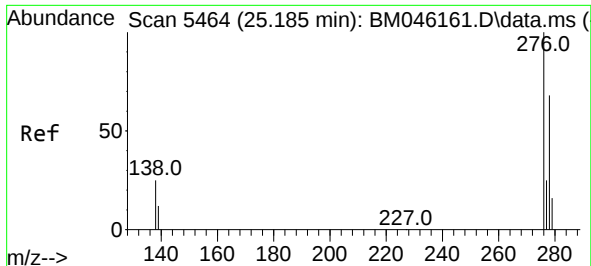
Ion Ratio Lower Upper

252 100

253 33.7 32.1 48.1

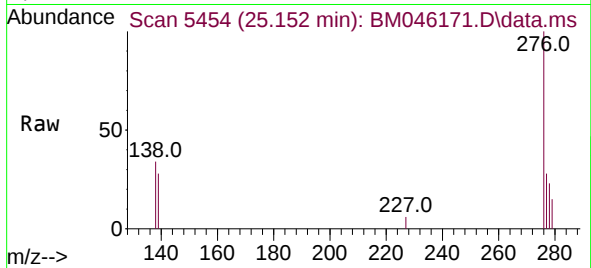
125 24.0 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.272 ng/ul
RT: 25.152 min Scan# 5464
Delta R.T. -0.050 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

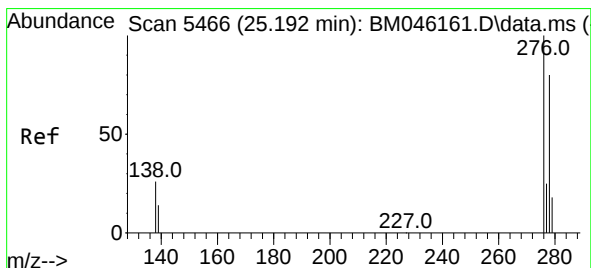
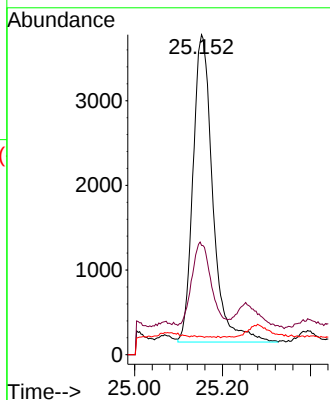
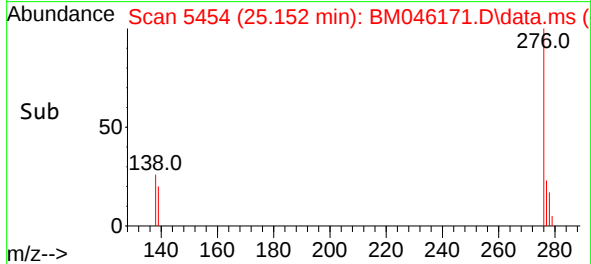
Instrument :
BNA_M
ClientSampleId :
A4CX9



Tgt Ion:276 Resp: 11349
Ion Ratio Lower Upper
276 100
138 27.8 21.0 31.4
227 0.0 0.0 0.0

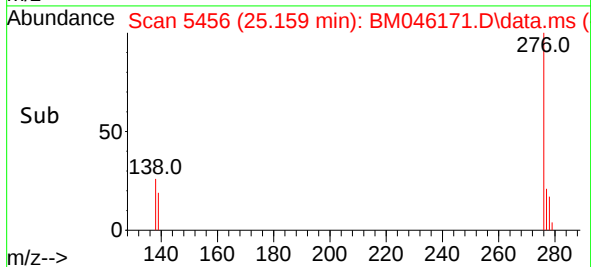
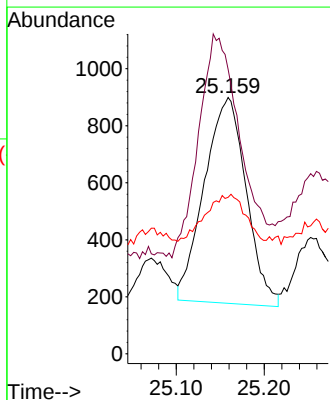
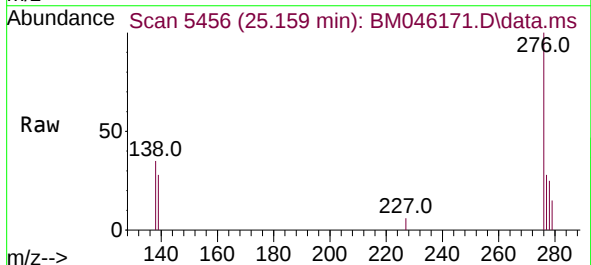
Manual Integrations
APPROVED

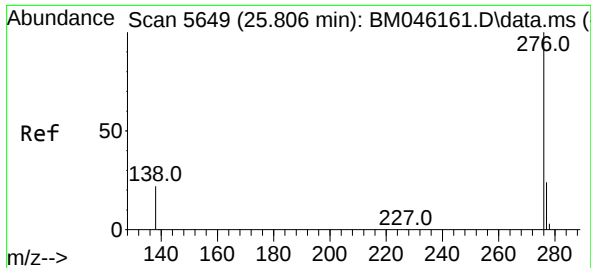
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.159 min Scan# 5456
Delta R.T. -0.057 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

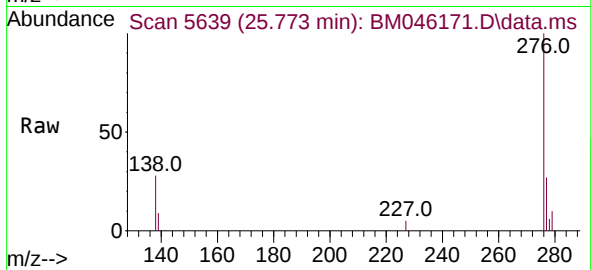
Tgt Ion:278 Resp: 2386
Ion Ratio Lower Upper
278 100
139 111.0 17.6 26.4#
279 61.1 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 25.773 min Scan# 50
Delta R.T. -0.057 min
Lab File: BM046171.D
Acq: 21 Jun 2024 21:56

Instrument :
BNA_M
ClientSampleId :
A4CX9



Tgt Ion:276 Resp: 1200
Ion Ratio Lower Upper
276 100
138 28.4 21.7 32.5
277 26.7 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

