

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046452.D
 Acq On : 09 Jul 2024 00:58
 Operator : MA/JU
 Sample : P2982-21DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BC4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 01:30:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	6734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	19517	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.173	164	12414	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.922	188	23839	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.125	240	12988	0.400	ng/ul	-0.02
23) Perylene-d12	23.273	264	13526	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4174	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1953	0.068	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	3175	0.070	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.342	128	2107	0.041	ng/ul#	90
7) 2-Methylnaphthalene	11.970	142	1058	0.030	ng/ul	99
8) 1-Methylnaphthalene	12.190	142	804	0.022	ng/ul	100
10) Acenaphthylene	13.887	152	4957	0.079	ng/ul	97
11) Acenaphthene	14.234	153	3061	0.075	ng/ul	98
12) Fluorene	15.228	166	3874	0.080	ng/ul	96
15) Phenanthrene	16.964	178	69467	0.973	ng/ul	99
16) Anthracene	17.057	178	12875	0.186	ng/ul	99
19) Fluoranthene	18.993	202	133909	2.040	ng/ul#	94
20) Pyrene	19.355	202	95036	1.407	ng/ul#	90
21) Benzo(a)anthracene	21.111	228	51648	0.890	ng/ul	95
22) Chrysene	21.160	228	58143	1.008	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	76656m	1.333	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	27142m	0.468	ng/ul	
26) Benzo(a)pyrene	23.183	252	26325	0.579	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.413	276	27855	0.454	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.423	278	9171	0.193	ng/ul#	82
29) Benzo(g,h,i)perylene	26.057	276	4801	0.098	ng/ul#	79

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

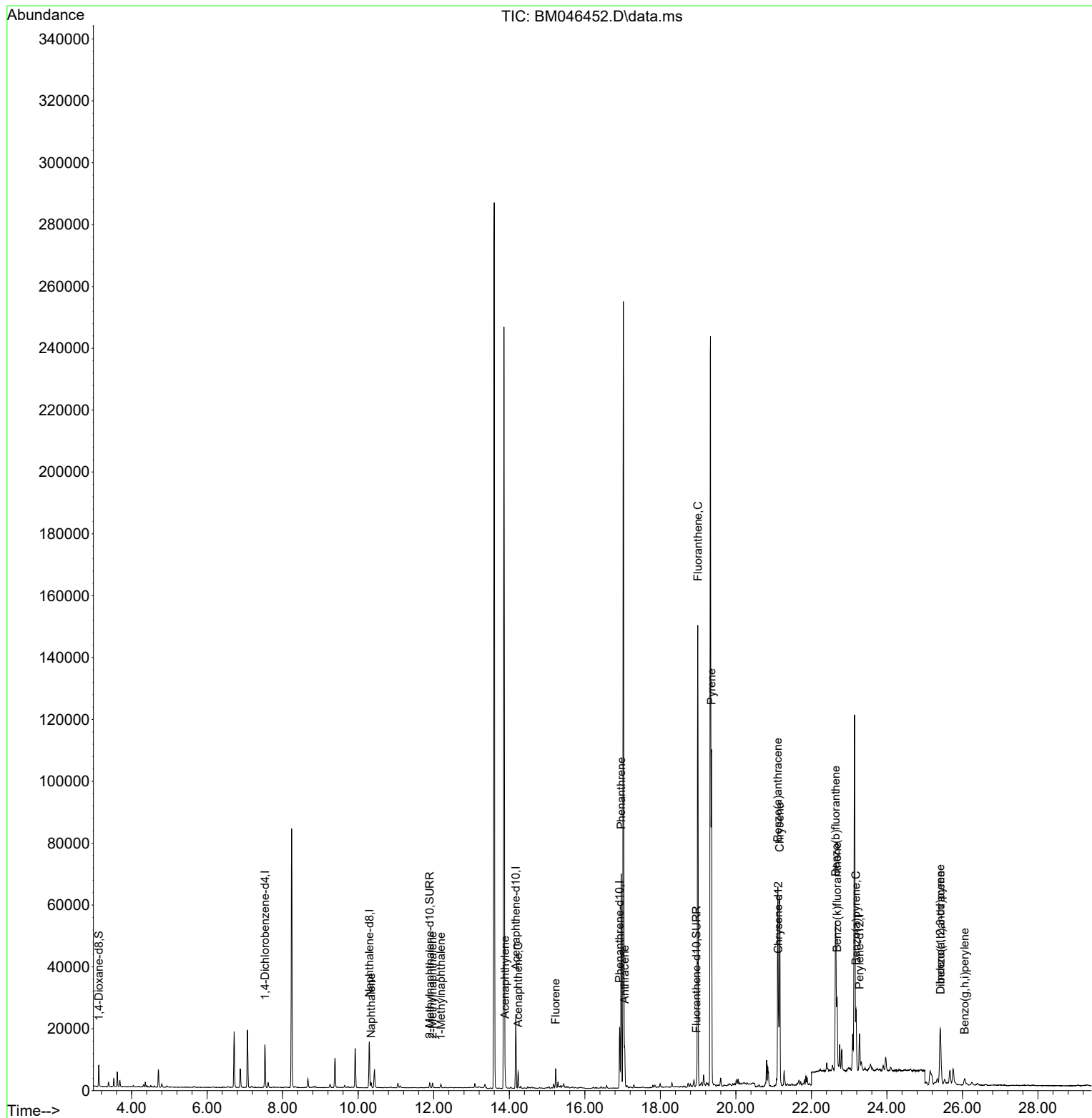
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046452.D
Acq On : 09 Jul 2024 00:58
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Sample : P2982-21DL 5X
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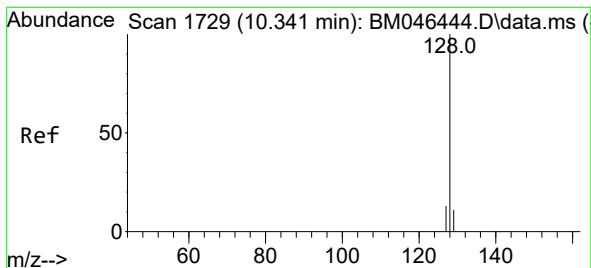
Instrument :
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ClientSampleId :
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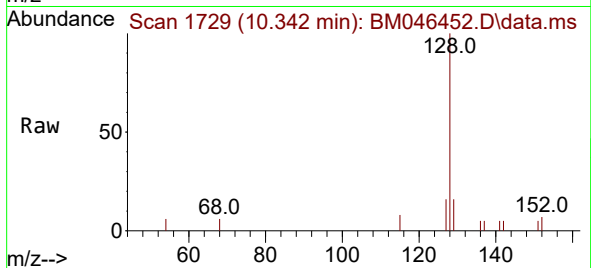
Quant Time: Jul 09 01:30:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.342 min Scan# 1729
Delta R.T. -0.010 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

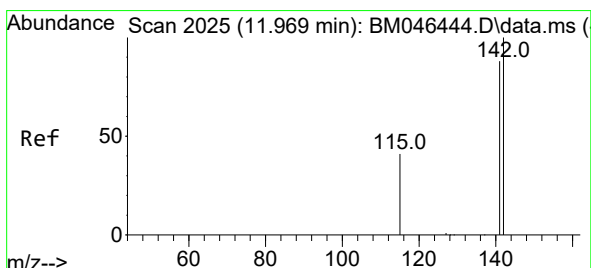
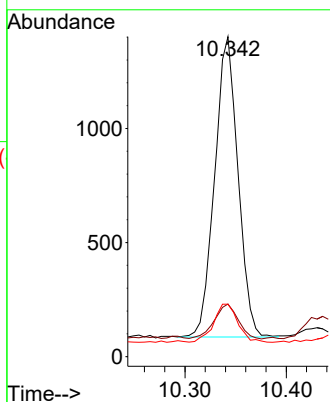
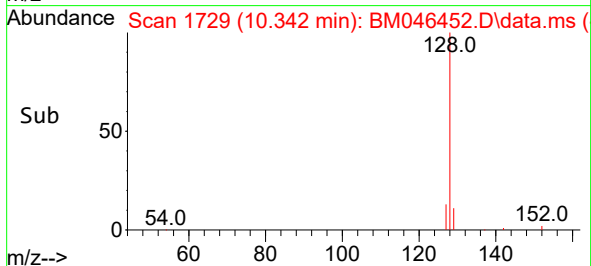
Instrument :
BNA_M
ClientSampleId :
A4BC4DL



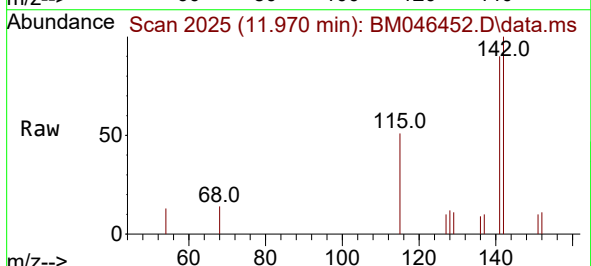
Tgt Ion:128 Resp: 2107
Ion Ratio Lower Upper
128 100
129 16.5 9.4 14.0
127 16.4 10.8 16.2

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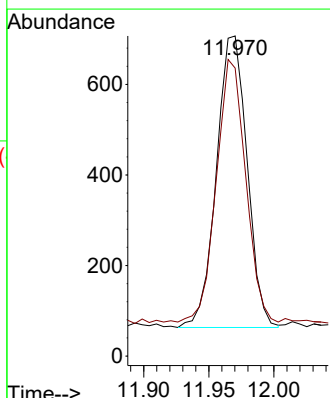
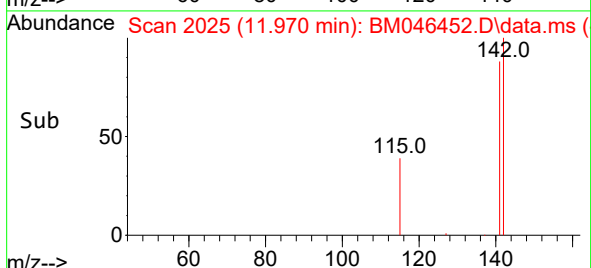
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

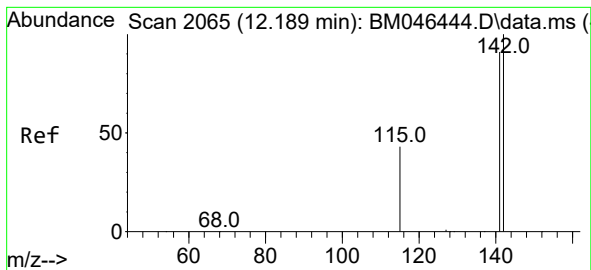


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58



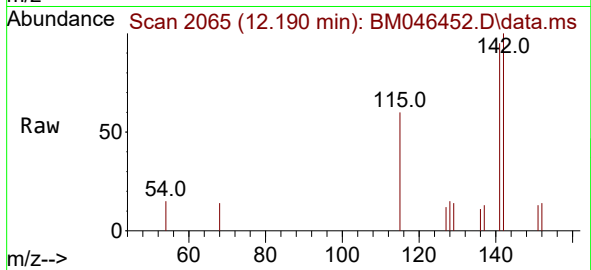
Tgt Ion:142 Resp: 1058
Ion Ratio Lower Upper
142 100
141 85.8 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.190 min Scan# 2065
Delta R.T. -0.010 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

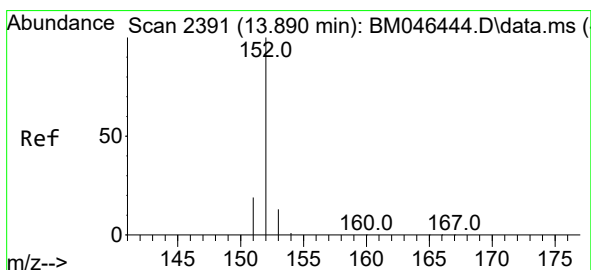
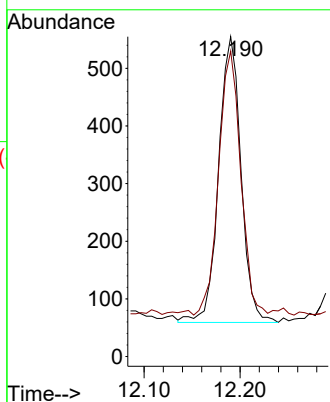
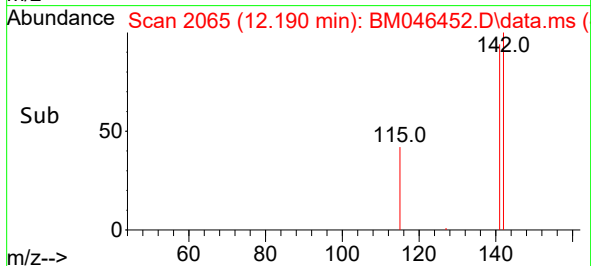
Instrument :
BNA_M
ClientSampleId :
A4BC4DL



Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
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141 90.9 72.4 108.6

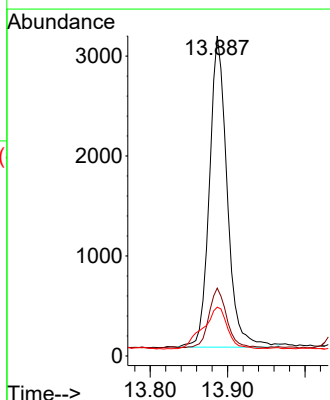
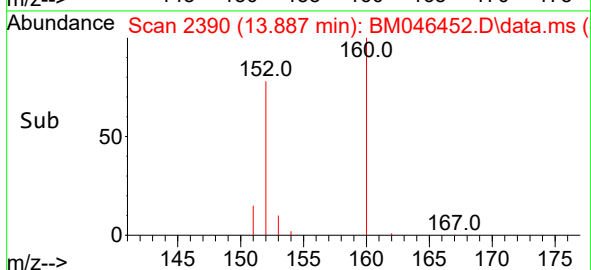
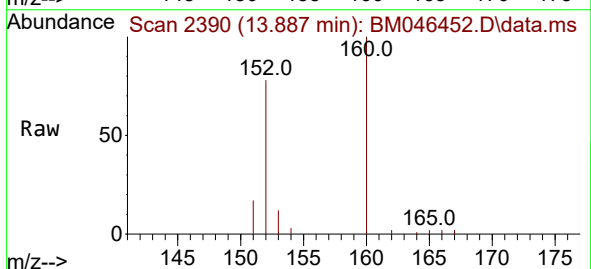
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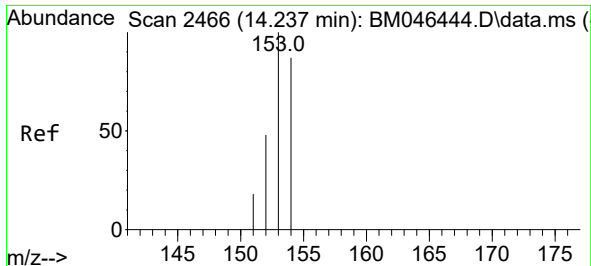
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 13.887 min Scan# 2390
Delta R.T. -0.013 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

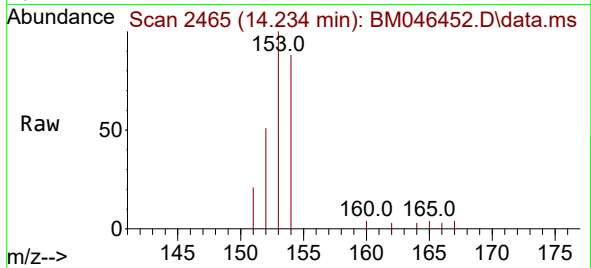
Tgt Ion:152 Resp: 4957
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 15.3 11.0 16.6





#11
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.013 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

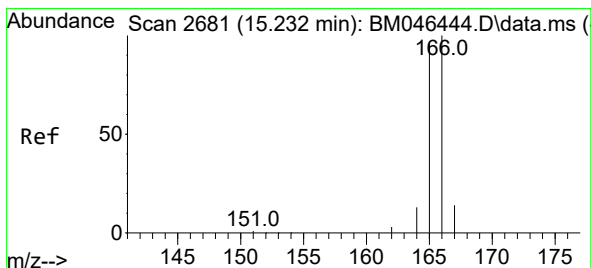
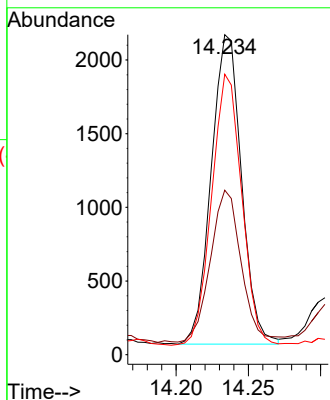
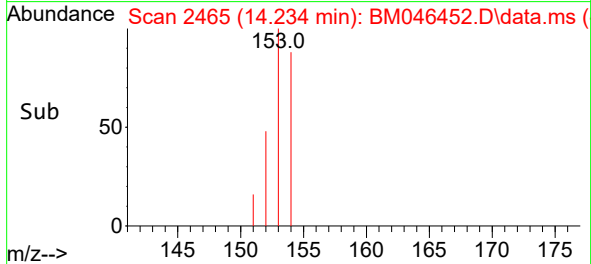
Instrument :
BNA_M
ClientSampleId :
A4BC4DL



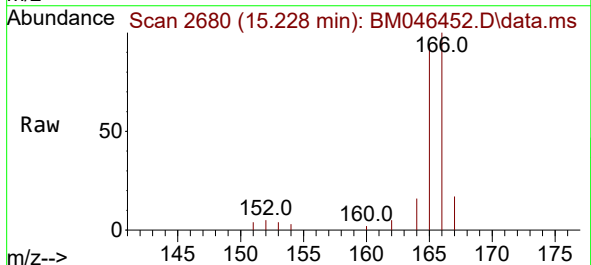
Tgt Ion:153 Resp: 306
Ion Ratio Lower Upper
153 100
152 51.4 40.4 60.6
154 87.7 72.1 108.1

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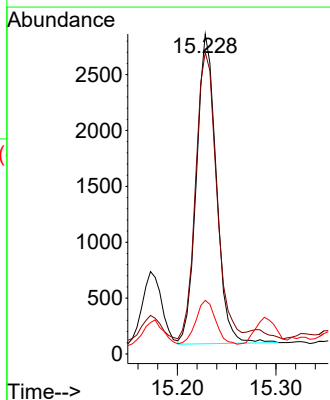
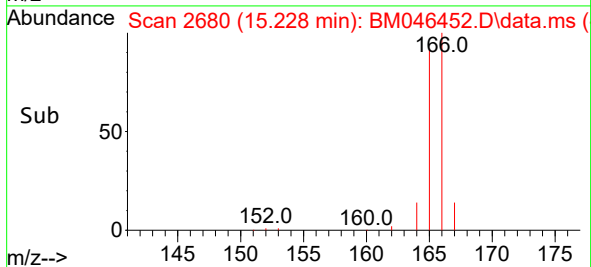
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

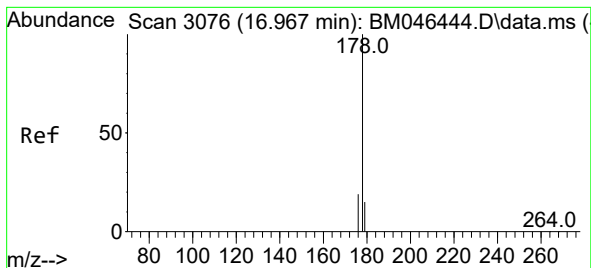


#12
Fluorene
Concen: 0.080 ng/ul
RT: 15.228 min Scan# 2680
Delta R.T. -0.013 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58



Tgt Ion:166 Resp: 3874
Ion Ratio Lower Upper
166 100
165 94.3 78.0 117.0
167 16.8 11.4 17.0





#15

Phenanthrene

Concen: 0.973 ng/ul

RT: 16.964 min Scan# 3076

Delta R.T. -0.011 min

Lab File: BM046452.D

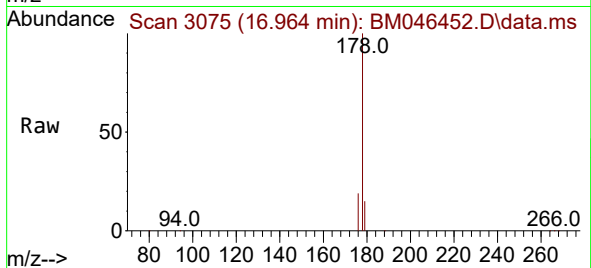
Acq: 09 Jul 2024 00:58

Instrument :

BNA_M

ClientSampleId :

A4BC4DL



Tgt Ion:178 Resp: 6946

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

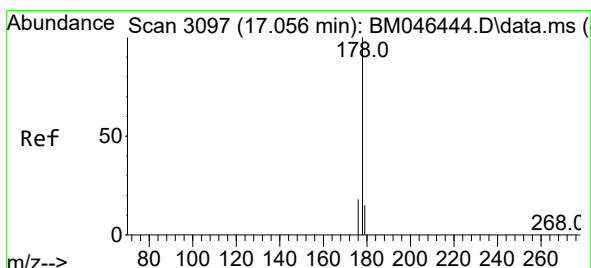
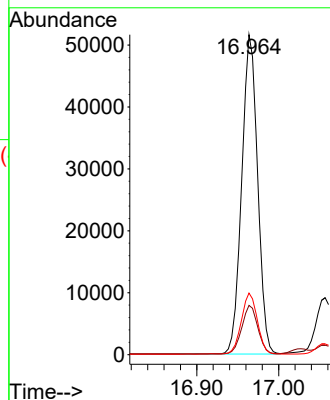
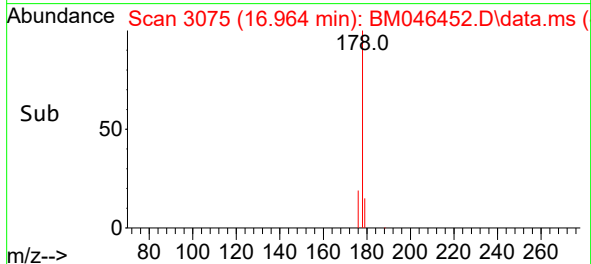
176 19.3 16.0 24.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#16

Anthracene

Concen: 0.186 ng/ul

RT: 17.057 min Scan# 3097

Delta R.T. -0.011 min

Lab File: BM046452.D

Acq: 09 Jul 2024 00:58

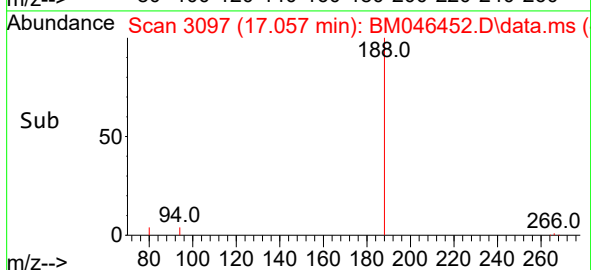
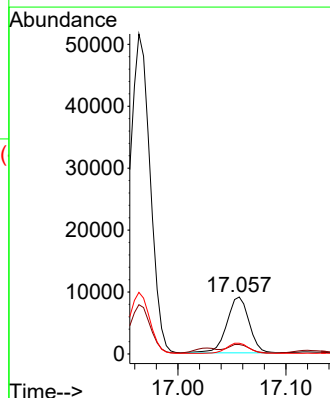
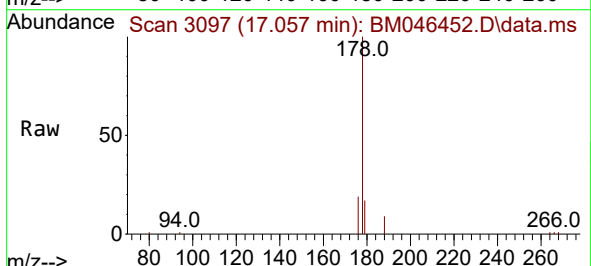
Tgt Ion:178 Resp: 12875

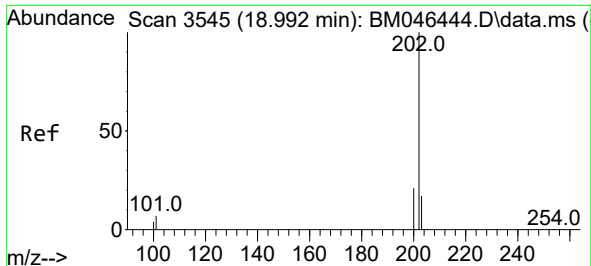
Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

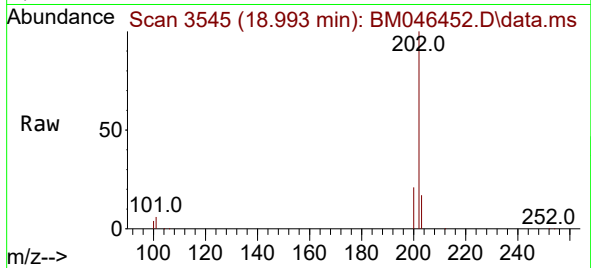
176 19.0 14.9 22.3





#19
Fluoranthene
Concen: 2.040 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

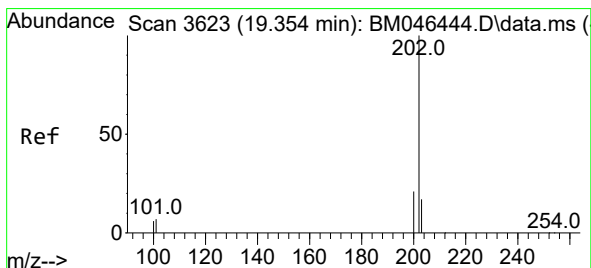
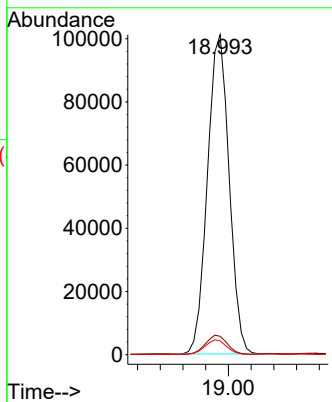
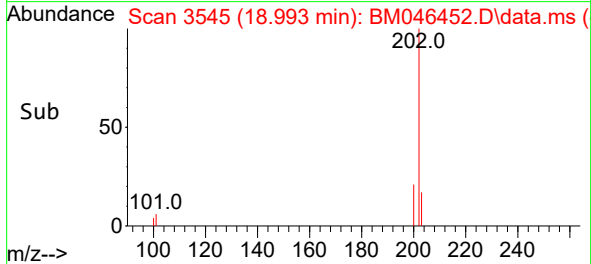
Instrument :
BNA_M
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A4BC4DL



Tgt Ion:202 Resp: 133909
Ion Ratio Lower Upper
202 100
101 5.8 6.3 9.5#
100 4.3 5.0 7.6#

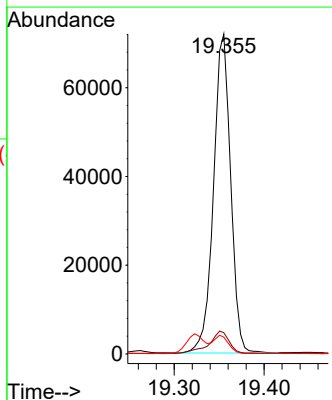
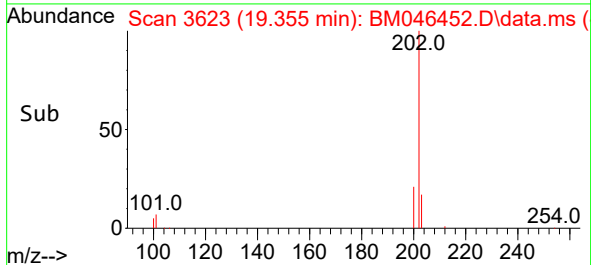
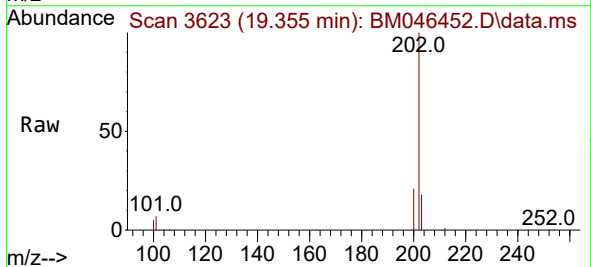
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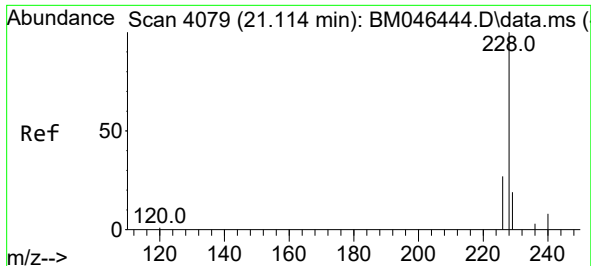
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 1.407 ng/ul
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

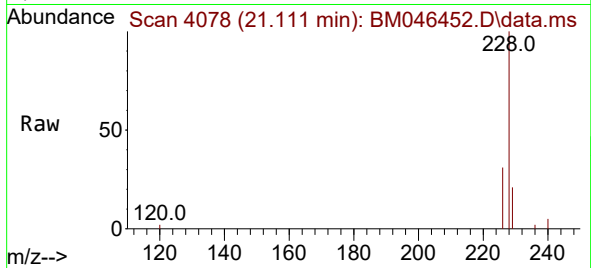
Tgt Ion:202 Resp: 95036
Ion Ratio Lower Upper
202 100
101 6.7 8.2 12.4#
100 5.3 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.890 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.015 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

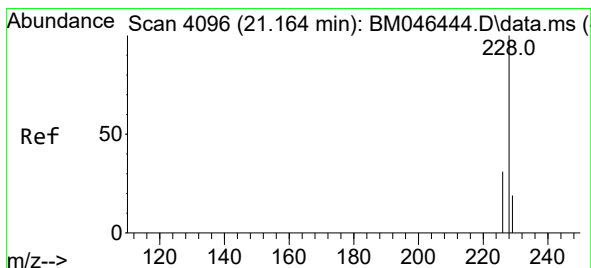
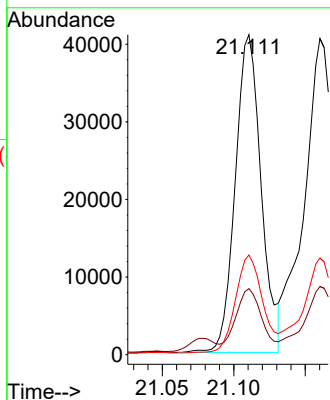
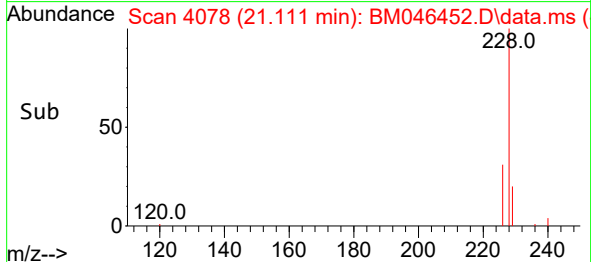
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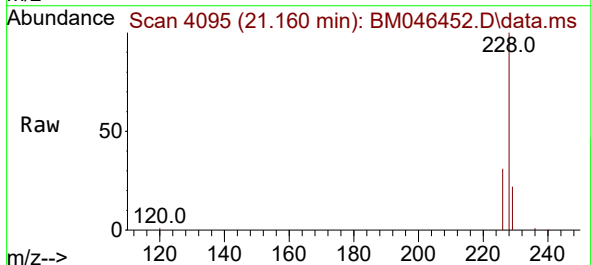
Tgt Ion:228 Resp: 51648
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 31.2 22.0 33.0

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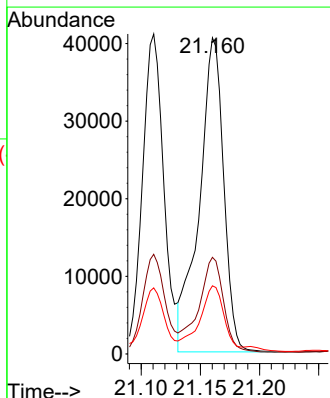
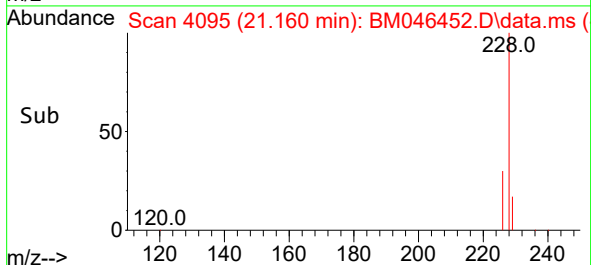
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

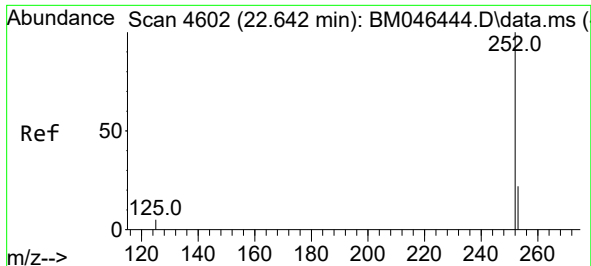


#22
Chrysene
Concen: 1.008 ng/ul
RT: 21.160 min Scan# 4095
Delta R.T. -0.018 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58



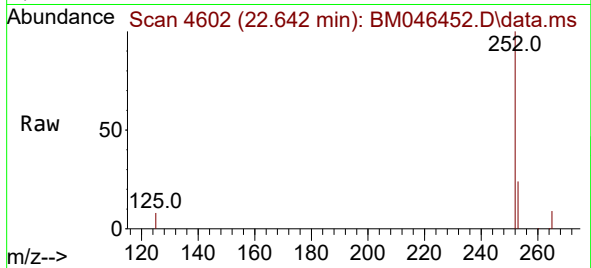
Tgt Ion:228 Resp: 58143
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.333 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.021 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

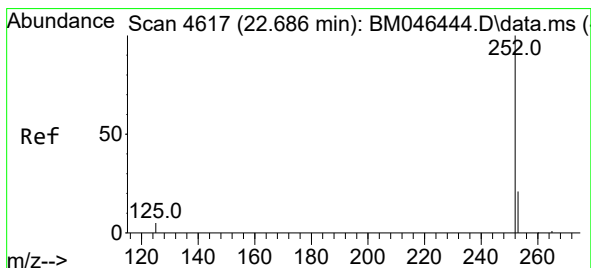
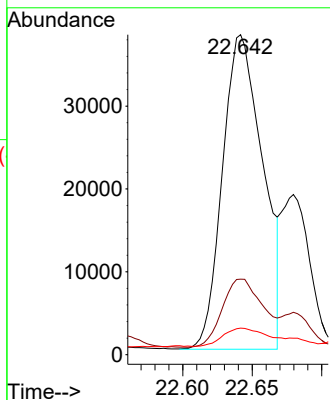
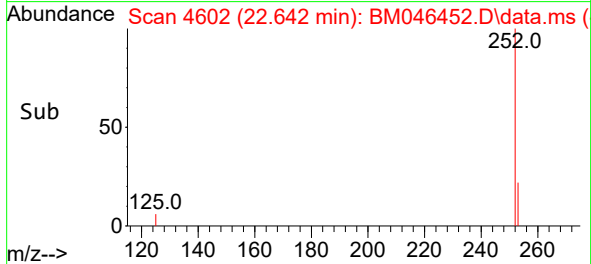
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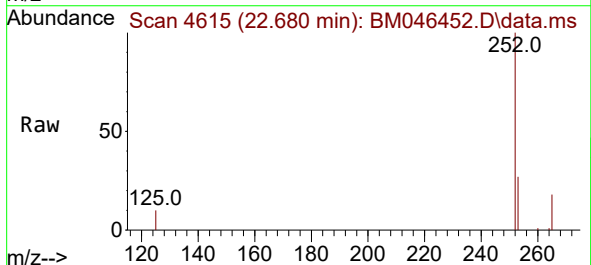
Tgt Ion:252 Resp: 76650
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.0
125 8.3 0.0 18.4

Manual Integrations
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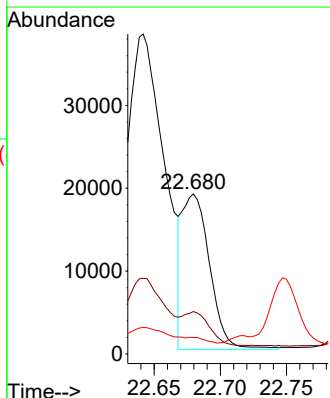
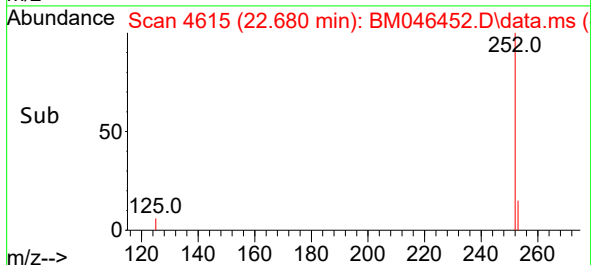
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

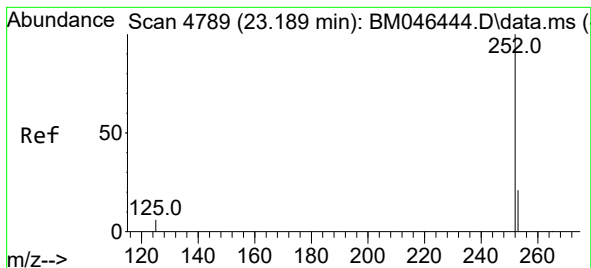


#25
Benzo(k)fluoranthene
Concen: 0.468 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.027 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58



Tgt Ion:252 Resp: 27142
Ion Ratio Lower Upper
252 100
253 26.5 18.4 27.6
125 10.3 7.5 11.3





#26

Benzo(a)pyrene

Concen: 0.579 ng/ul

RT: 23.183 min Scan# 4789

Delta R.T. -0.027 min

Lab File: BM046452.D

Acq: 09 Jul 2024 00:58

Instrument :

BNA_M

ClientSampleId :

A4BC4DL

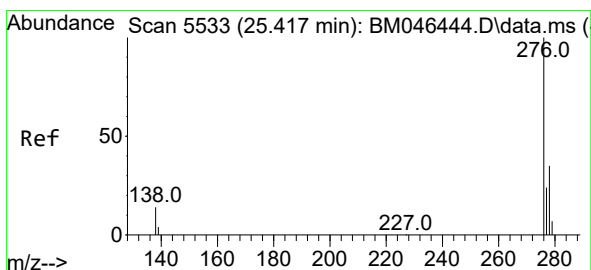
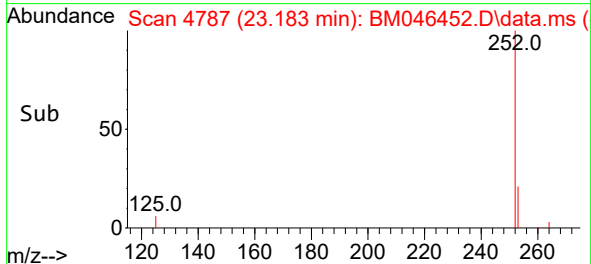
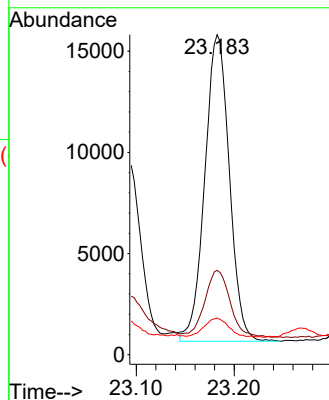
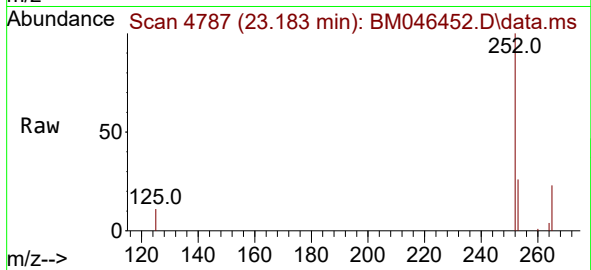
Tgt Ion:	252	Resp:	2632
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.9	28.3
125	11.4	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.454 ng/ul

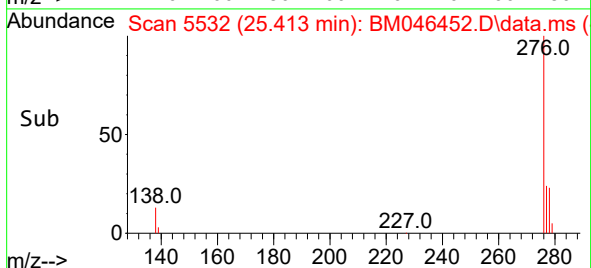
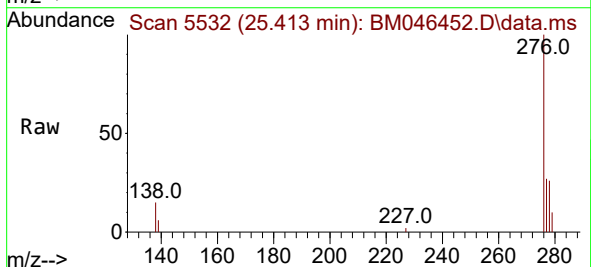
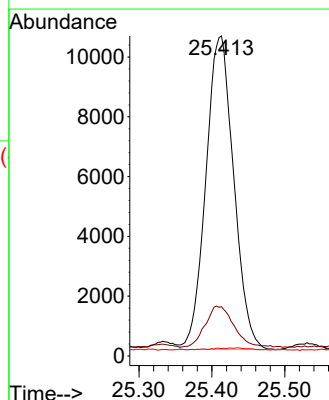
RT: 25.413 min Scan# 5532

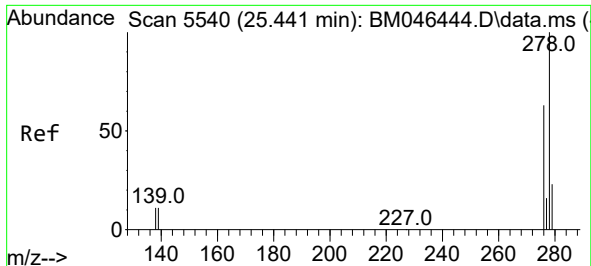
Delta R.T. -0.034 min

Lab File: BM046452.D

Acq: 09 Jul 2024 00:58

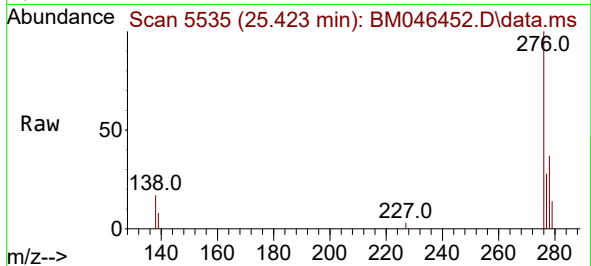
Tgt Ion:	276	Resp:	27855
Ion Ratio	Lower	Upper	
276	100		
138	13.5	15.7	23.5
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.423 min Scan# 517
Delta R.T. -0.051 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58

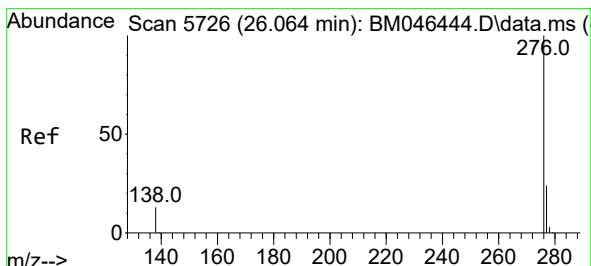
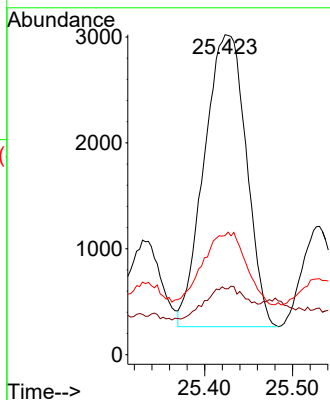
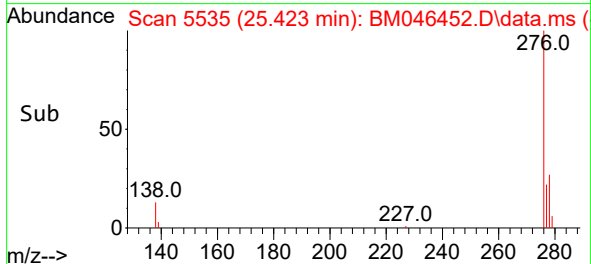
Instrument :
BNA_M
ClientSampleId :
A4BC4DL



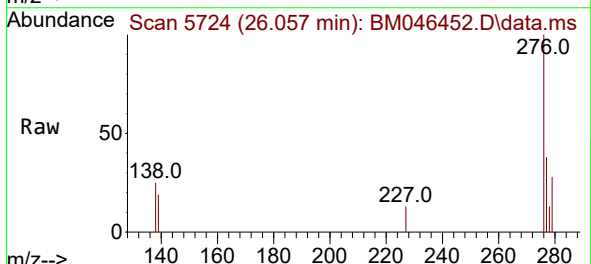
Tgt Ion:278 Resp: 917
Ion Ratio Lower Upper
278 100
139 20.6 12.6 18.8
279 37.3 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.057 min Scan# 5724
Delta R.T. -0.034 min
Lab File: BM046452.D
Acq: 09 Jul 2024 00:58



Tgt Ion:276 Resp: 4801
Ion Ratio Lower Upper
276 100
138 25.3 15.4 23.0#
277 38.2 19.7 29.5#

