

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046439.D
 Acq On : 08 Jul 2024 17:00
 Operator : MA/JU
 Sample : P3010-24DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 17:33:32 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	7.535	152	8102	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	22670	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	13871	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	26148	0.400	ng/ul	-0.01
17) Chrysene-d12	21.134	240	13383	0.400	ng/ul	# 0.00
23) Perylene-d12	23.288	264	15010	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3475	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1664	0.050	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	2888	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	9240	0.154	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	3855	0.095	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	3025	0.072	ng/ul	100
10) Acenaphthylene	13.891	152	22278	0.316	ng/ul	99
11) Acenaphthene	14.238	153	13203	0.288	ng/ul	99
12) Fluorene	15.233	166	16417	0.303	ng/ul	100
15) Phenanthrene	16.968	178	365167	4.663	ng/ul	99
16) Anthracene	17.057	178	65453	0.862	ng/ul	99
19) Fluoranthene	18.993	202	711151	10.513	ng/ul	97
20) Pyrene	19.360	202	449231	6.454	ng/ul#	92
21) Benzo(a)anthracene	21.116	228	253985	4.248	ng/ul	97
22) Chrysene	21.169	228	280395	4.716	ng/ul	98
24) Benzo(b)fluoranthene	22.653	252	371151m	5.816	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	128705m	1.998	ng/ul	
26) Benzo(a)pyrene	23.194	252	117844	2.336	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.427	276	123562	1.813	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.440	278	41868	0.794	ng/ul	95
29) Benzo(g,h,i)perylene	26.077	276	18015	0.332	ng/ul#	91

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

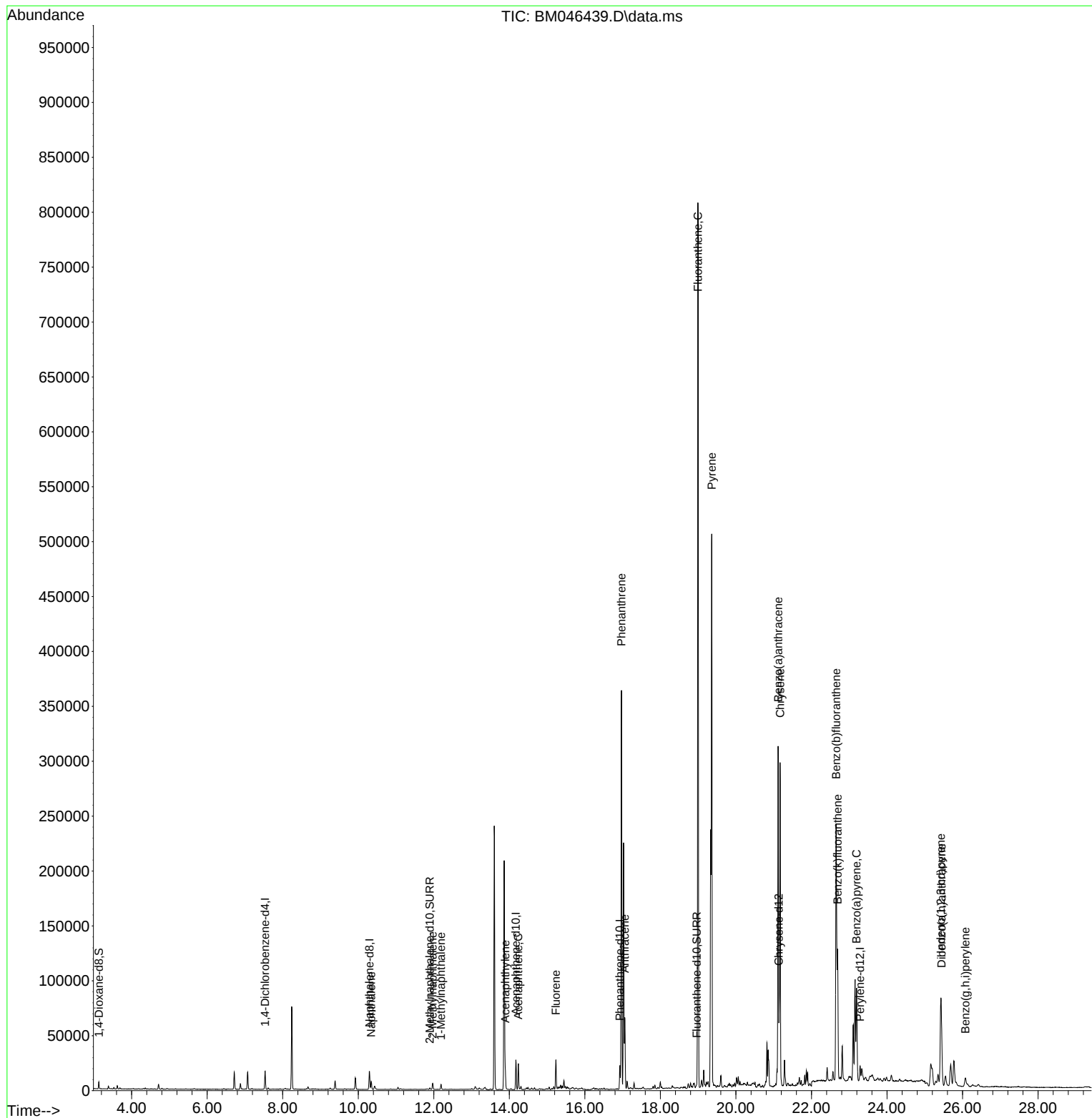
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046439.D
Acq On : 08 Jul 2024 17:00
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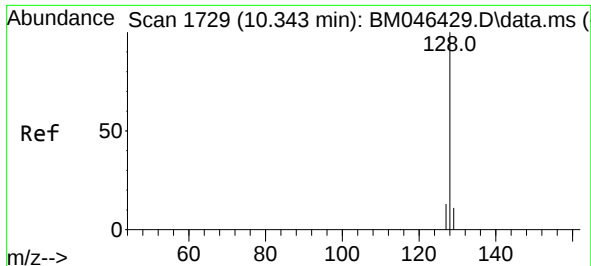
Instrument :
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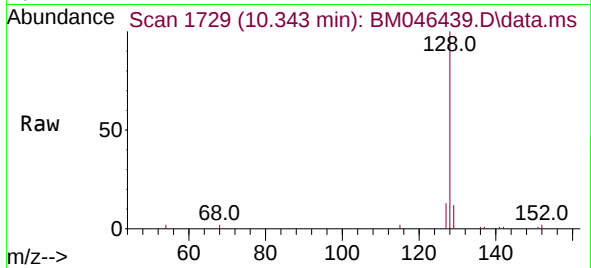
Quant Time: Jul 08 17:33:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.154 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.010 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

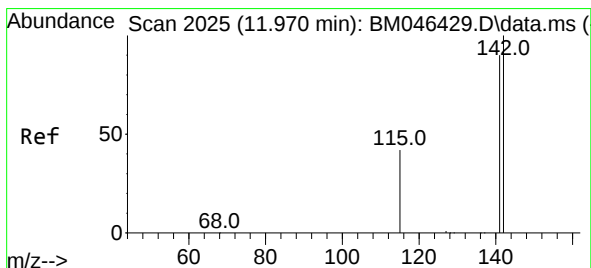
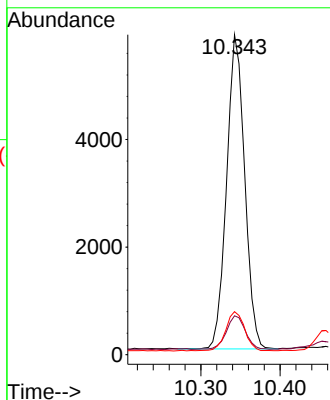
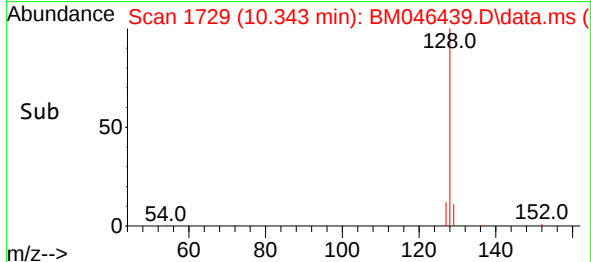
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



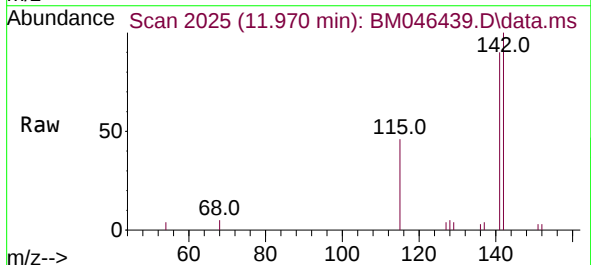
Tgt Ion:128 Resp: 9240
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 13.4 10.8 16.2

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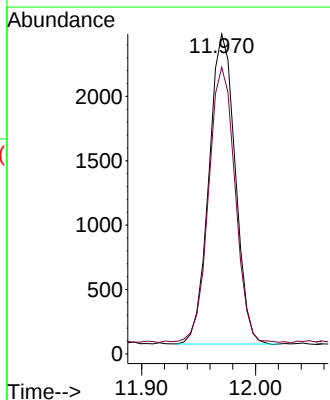
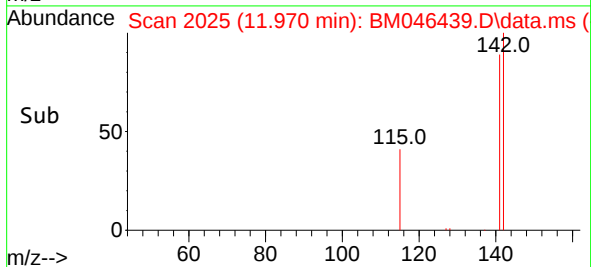
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

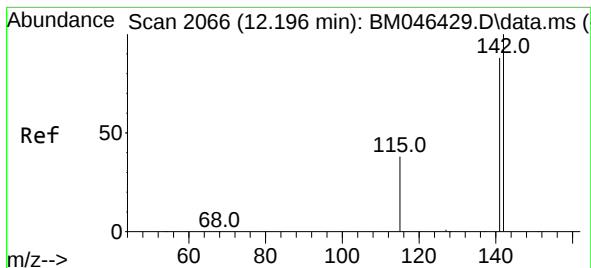


#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00



Tgt Ion:142 Resp: 3855
Ion Ratio Lower Upper
142 100
141 90.1 69.8 104.6





#8

1-Methylnaphthalene

Concen: 0.072 ng/ul

RT: 12.190 min Scan# 2066

Delta R.T. -0.010 min

Lab File: BM046439.D

Acq: 08 Jul 2024 17:00

Instrument :

BNA_M

ClientSampleId :

A4CW5DL

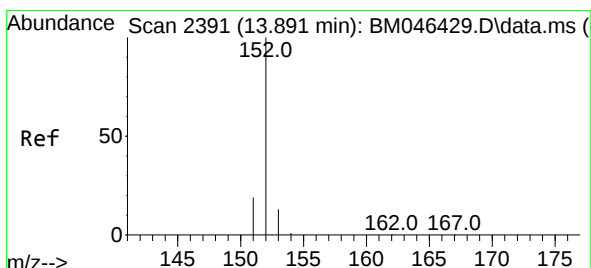
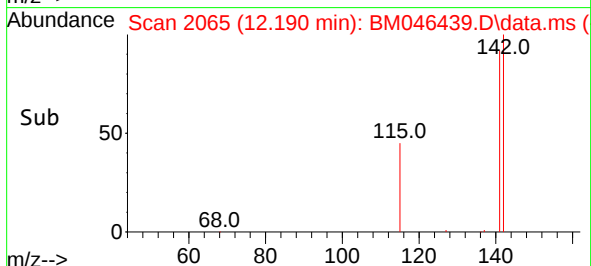
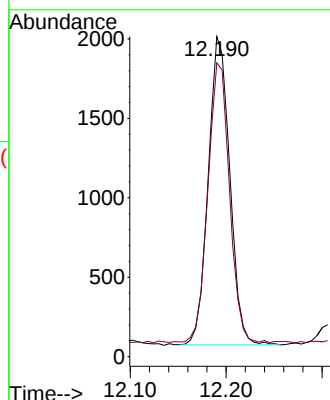
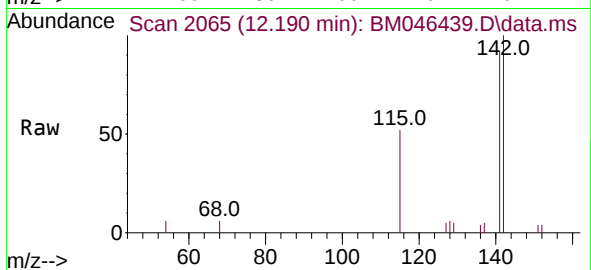
Tgt Ion:142 Resp: 3025
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.4 108.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#10

Acenaphthylene

Concen: 0.316 ng/ul

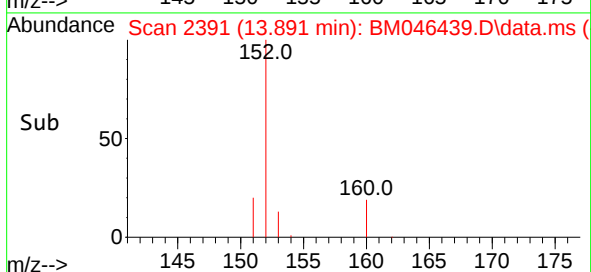
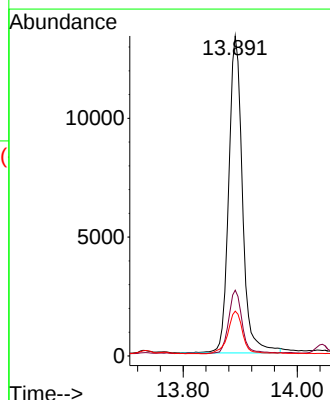
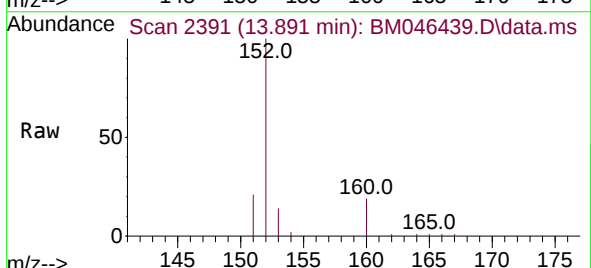
RT: 13.891 min Scan# 2391

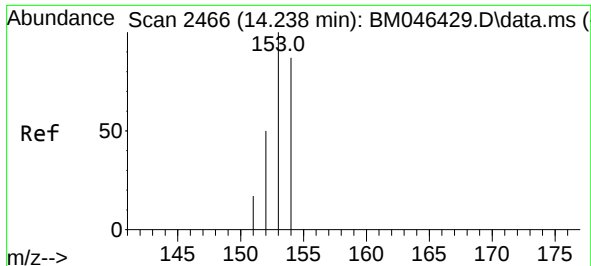
Delta R.T. -0.008 min

Lab File: BM046439.D

Acq: 08 Jul 2024 17:00

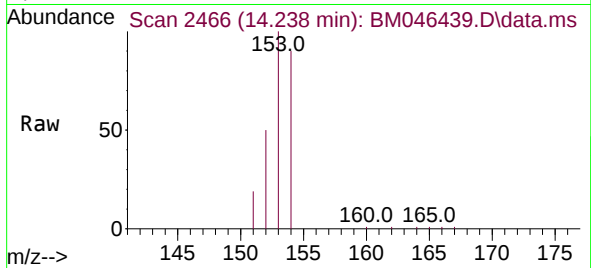
Tgt Ion:152 Resp: 22278
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.9 23.9
 153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

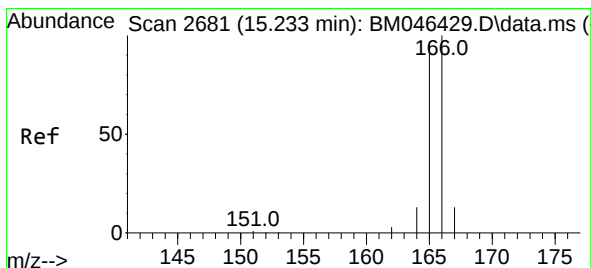
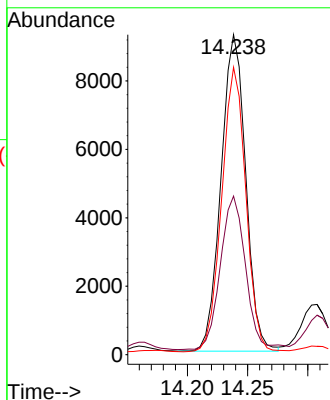
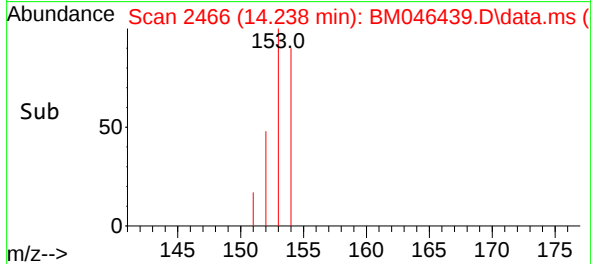
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



Tgt Ion:153 Resp: 1320
Ion Ratio Lower Upper
153 100
152 49.5 40.4 60.6
154 89.8 72.1 108.1

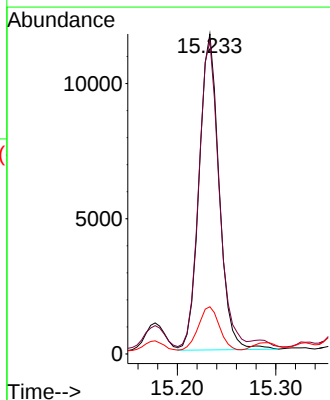
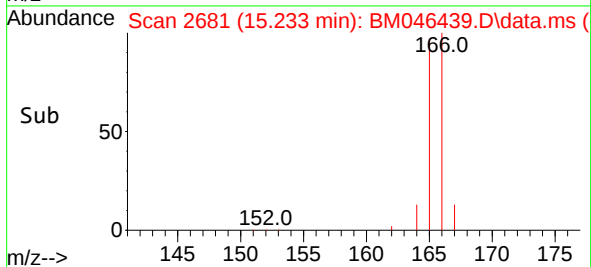
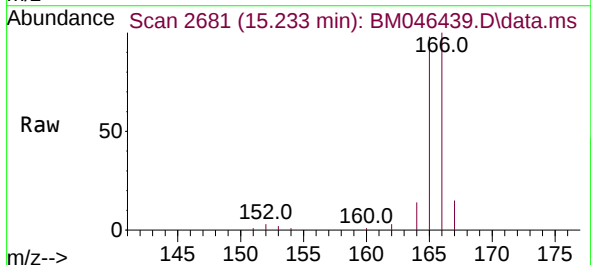
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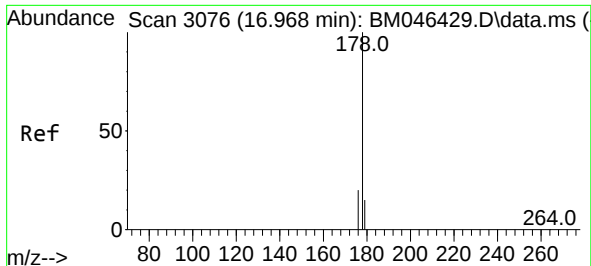
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

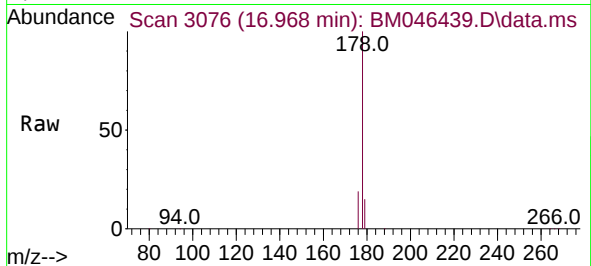
Tgt Ion:166 Resp: 16417
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 14.8 11.4 17.0





#15
Phenanthrene
Concen: 4.663 ng/u1
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

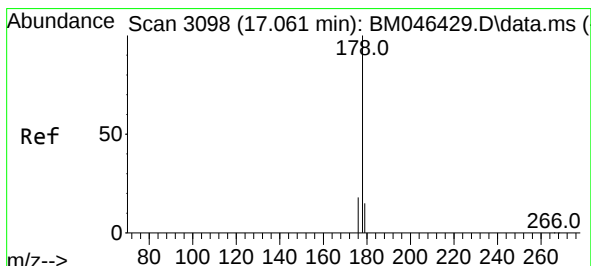
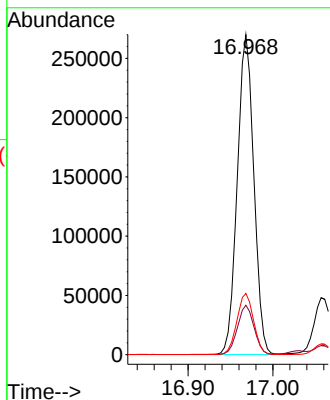
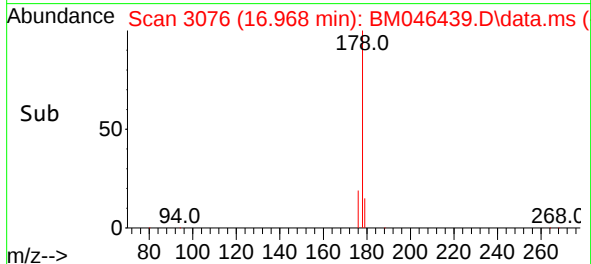
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



Tgt Ion:178 Resp: 36516
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.2 16.0 24.0

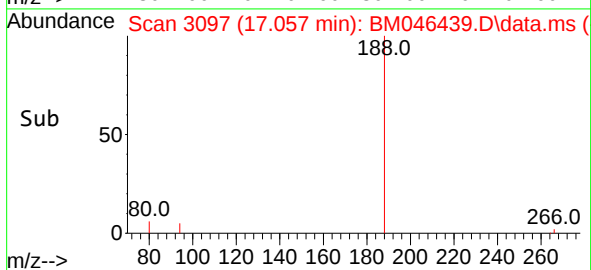
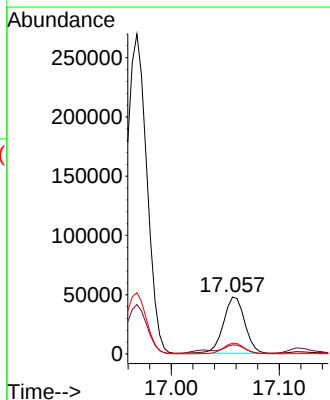
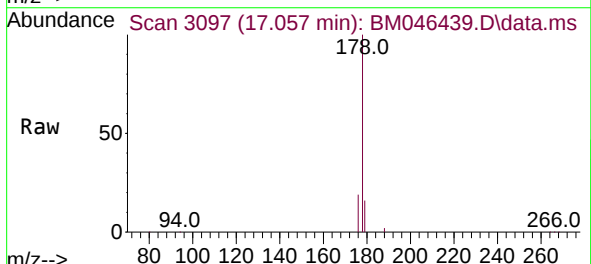
Manual Integrations
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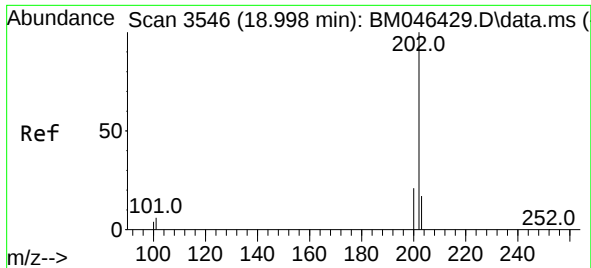
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 0.862 ng/u1
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

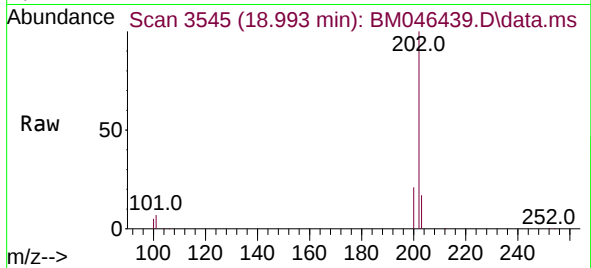
Tgt Ion:178 Resp: 65453
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.0 14.9 22.3





#19
Fluoranthene
Concen: 10.513 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

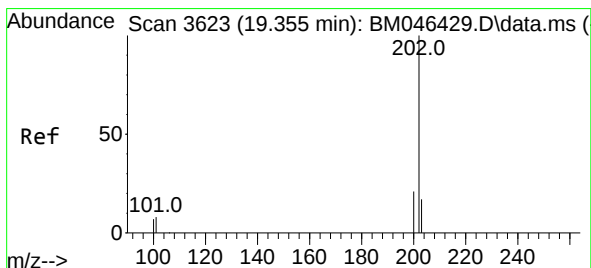
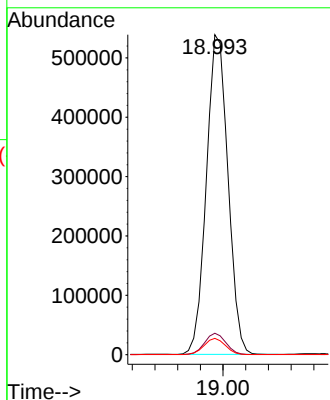
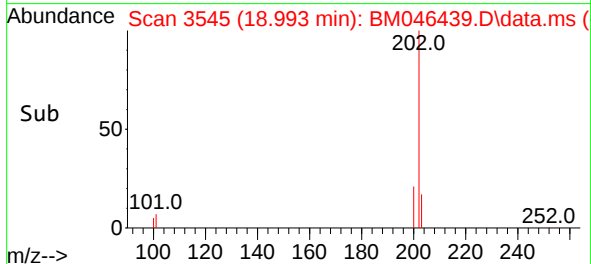
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



Tgt Ion:202 Resp: 71115
Ion Ratio Lower Upper
202 100
101 6.7 6.3 9.5
100 5.1 5.0 7.6

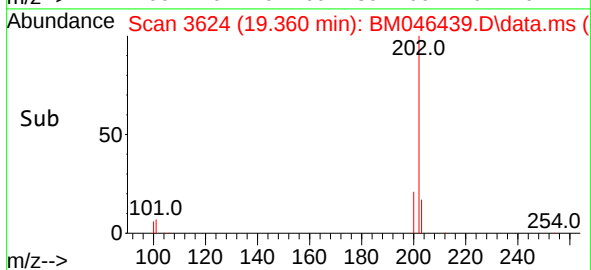
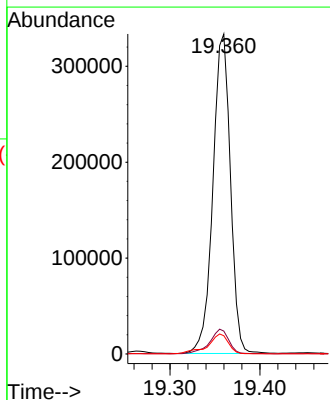
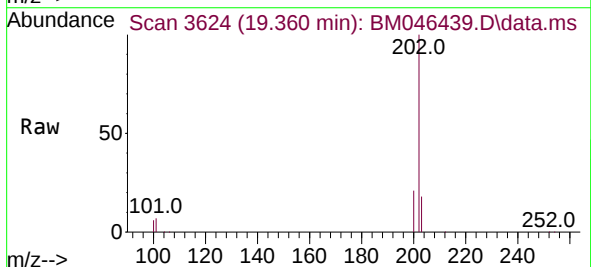
Manual Integrations
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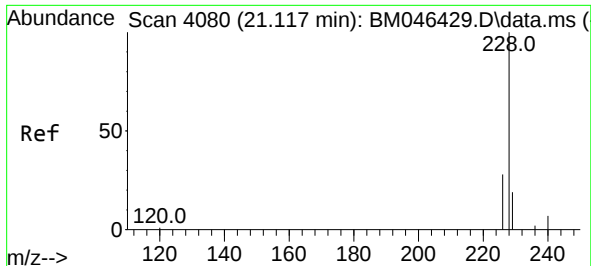
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 6.454 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

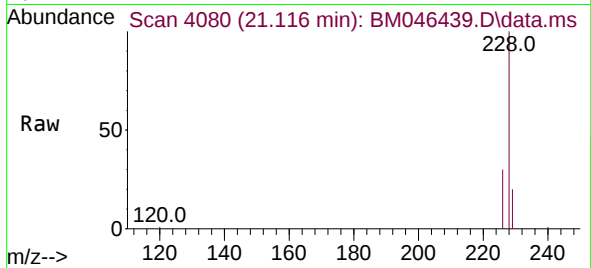
Tgt Ion:202 Resp: 449231
Ion Ratio Lower Upper
202 100
101 7.2 8.2 12.4#
100 5.7 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 4.248 ng/ul
RT: 21.116 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

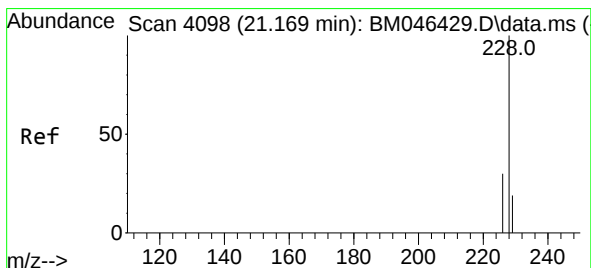
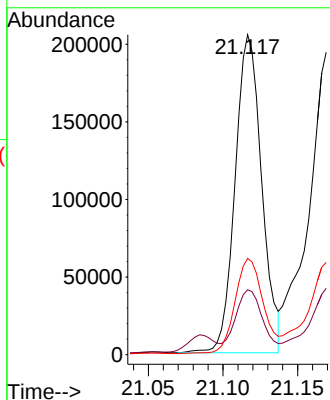
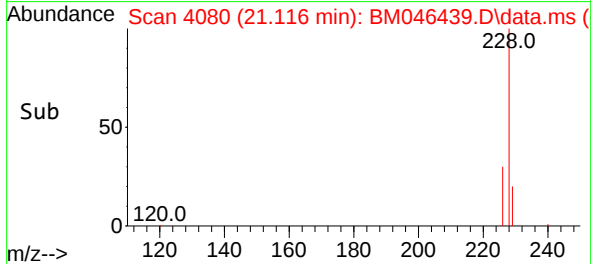
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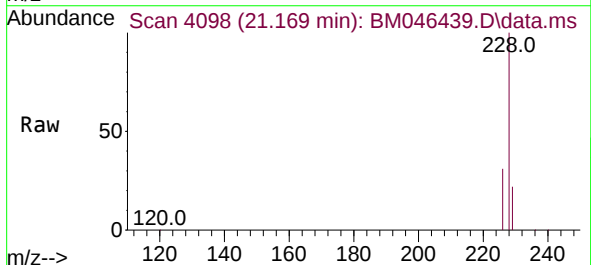
Tgt Ion:228 Resp: 253985
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 30.1 22.0 33.0

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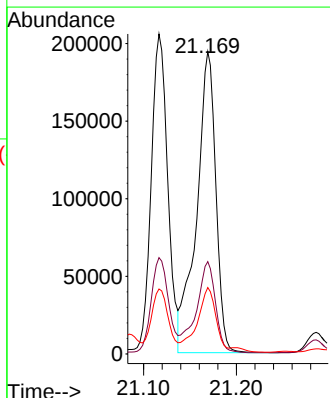
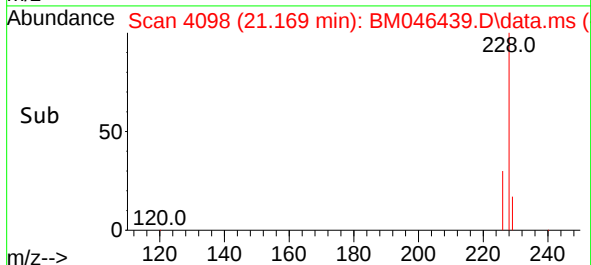
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

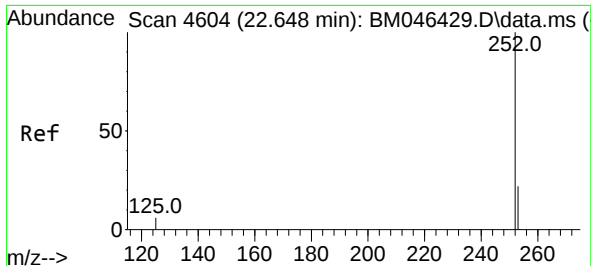


#22
Chrysene
Concen: 4.716 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00



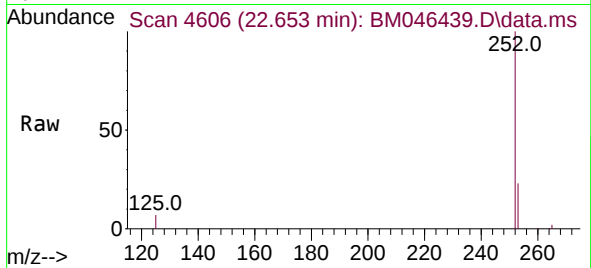
Tgt Ion:228 Resp: 280395
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.816 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

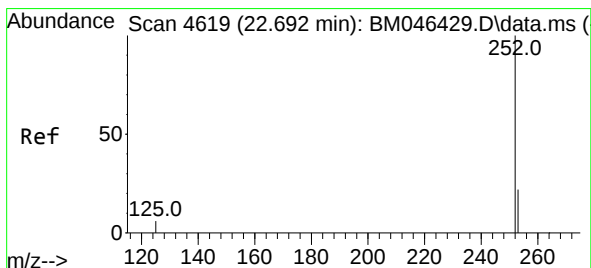
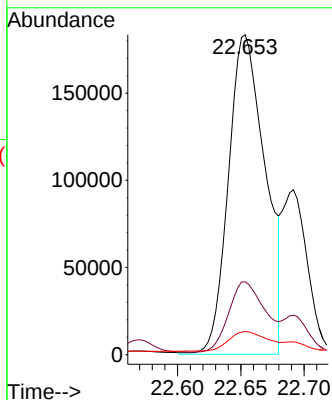
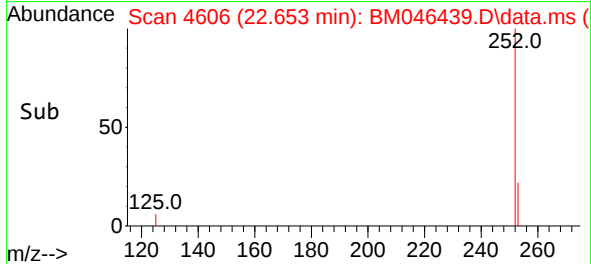
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



Tgt Ion:252 Resp: 37115
Ion Ratio Lower Upper
252 100
253 22.8 0.0 47.0
125 7.3 0.0 18.4

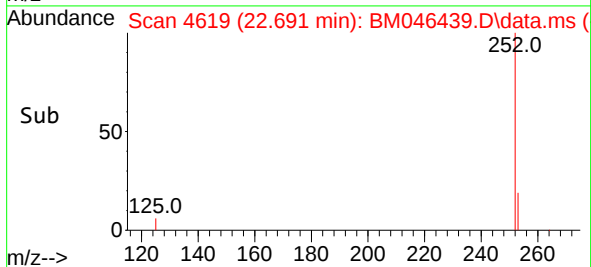
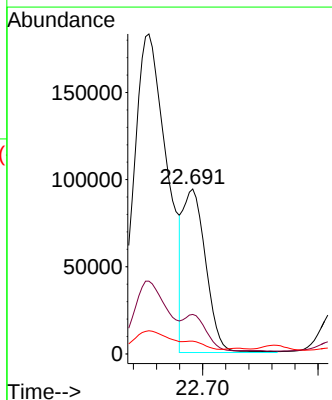
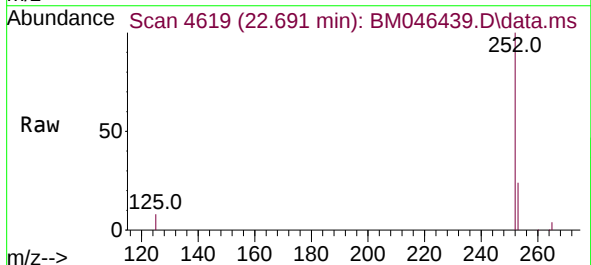
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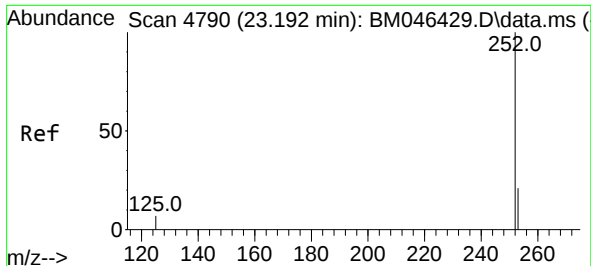
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#25
Benzo(k)fluoranthene
Concen: 1.998 ng/ul m
RT: 22.691 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

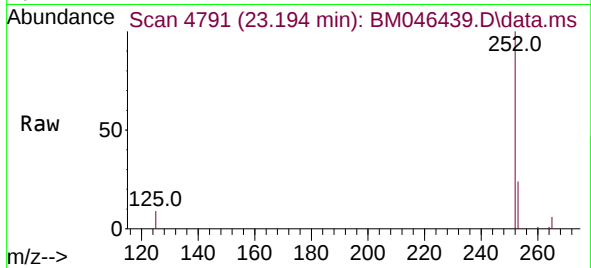
Tgt Ion:252 Resp: 128705
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 7.8 7.5 11.3





#26
Benzo(a)pyrene
Concen: 2.336 ng/ul
RT: 23.194 min Scan# 4791
Delta R.T. -0.015 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

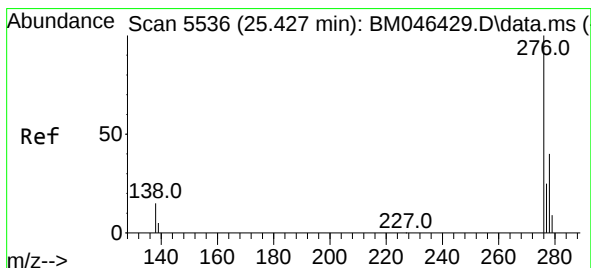
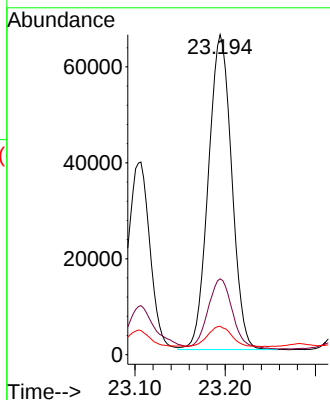
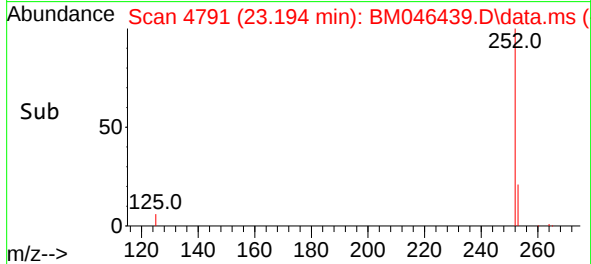
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



Tgt Ion:252 Resp: 117844
Ion Ratio Lower Upper
252 100
253 23.7 18.9 28.3
125 8.9 8.1 12.1

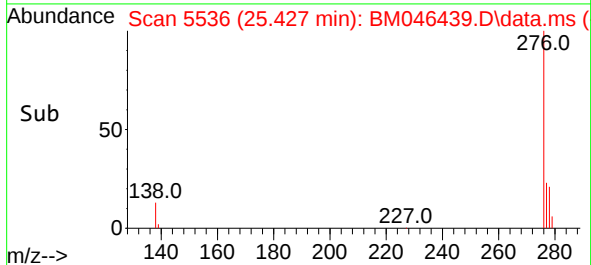
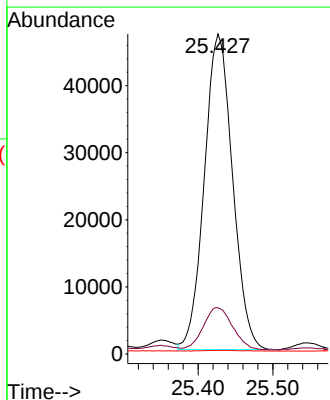
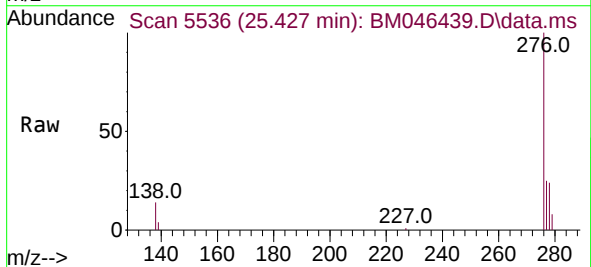
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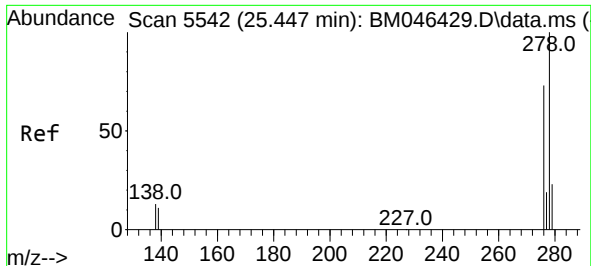
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.813 ng/ul
RT: 25.427 min Scan# 5536
Delta R.T. -0.020 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

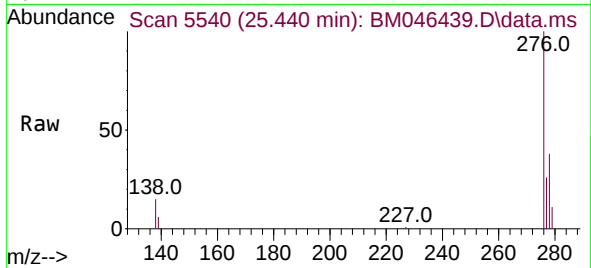
Tgt Ion:276 Resp: 123562
Ion Ratio Lower Upper
276 100
138 13.9 15.7 23.5#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.794 ng/ul
RT: 25.440 min Scan# 51
Delta R.T. -0.034 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00

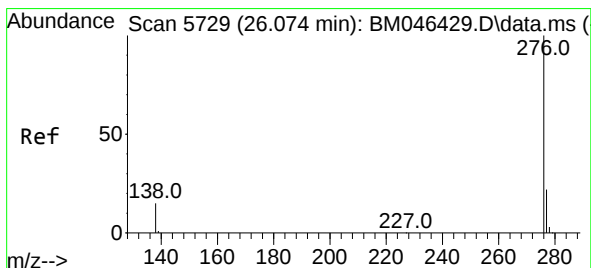
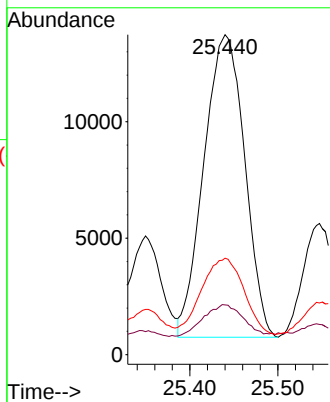
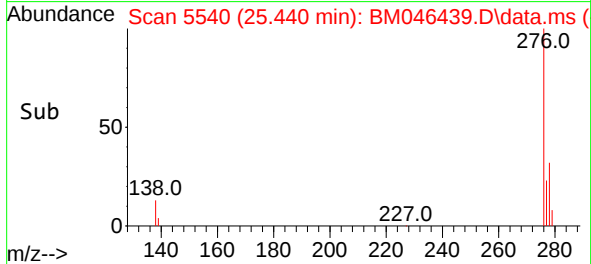
Instrument :
BNA_M
ClientSampleId :
A4CW5DL



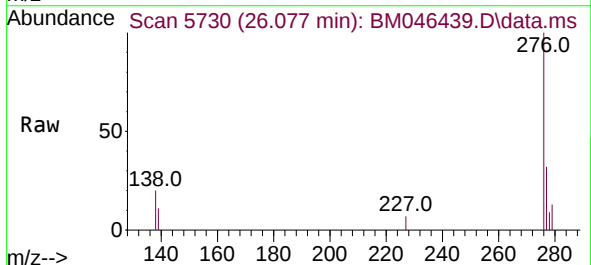
Tgt Ion:278 Resp: 4186
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 30.1 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.332 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.014 min
Lab File: BM046439.D
Acq: 08 Jul 2024 17:00



Tgt Ion:276 Resp: 18015
Ion Ratio Lower Upper
276 100
138 19.8 15.4 23.0
277 31.7 19.7 29.5#

