

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046433.D
 Acq On : 08 Jul 2024 13:20
 Operator : MA/JU
 Sample : P3010-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B66DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 08 13:56:36 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	7298	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	20683	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.173	164	12332	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	22329	0.400	ng/ul	-0.01
17) Chrysene-d12	21.134	240	12386	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	12460	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3570	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1461	0.048	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	2309	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.891	152	1541	0.025	ng/ul#	87
11) Acenaphthene	14.238	153	1046	0.026	ng/ul	97
12) Fluorene	15.233	166	1206	0.025	ng/ul#	90
15) Phenanthrene	16.968	178	18993	0.284	ng/ul	99
16) Anthracene	17.057	178	4169	0.064	ng/ul	94
19) Fluoranthene	18.997	202	29338	0.469	ng/ul#	97
20) Pyrene	19.355	202	27343	0.424	ng/ul#	95
21) Benzo(a)anthracene	21.116	228	12654	0.229	ng/ul	94
22) Chrysene	21.169	228	12431	0.226	ng/ul	96
24) Benzo(b)fluoranthene	22.653	252	15386m	0.290	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	5557m	0.104	ng/ul	
26) Benzo(a)pyrene	23.197	252	10920	0.261	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.427	276	7634	0.135	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.447	278	1901	0.043	ng/ul#	23
29) Benzo(g,h,i)perylene	26.077	276	7415	0.164	ng/ul#	90

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

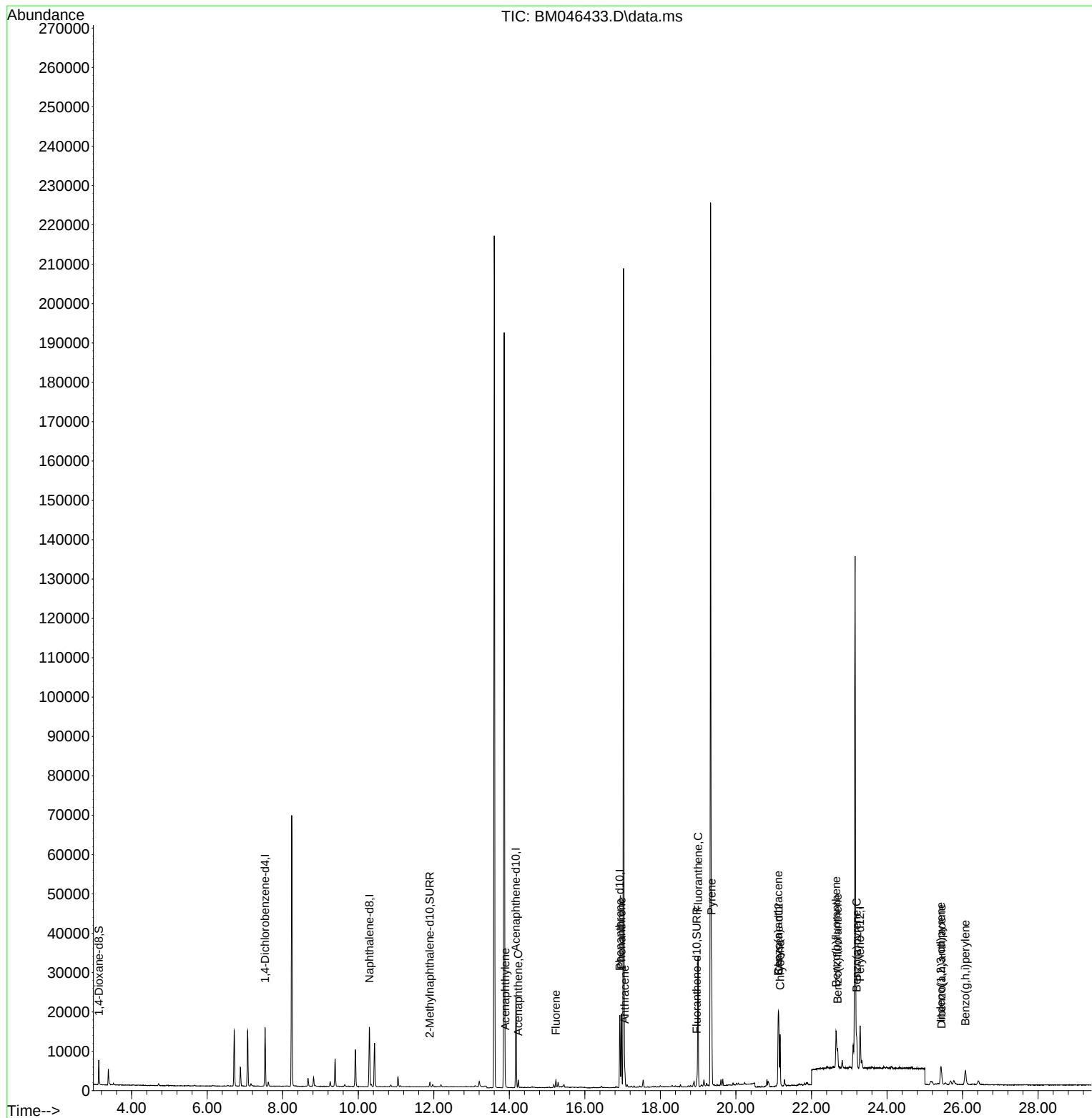
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046433.D
Acq On : 08 Jul 2024 13:20
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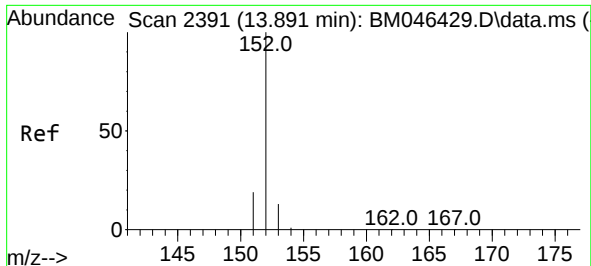
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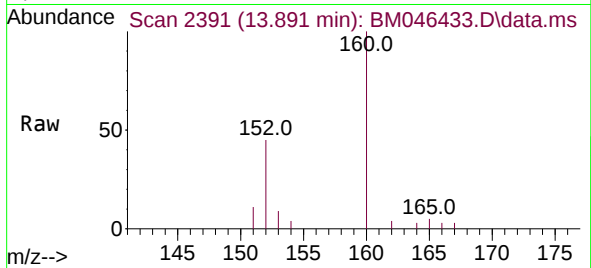
Quant Time: Jul 08 13:56:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.025 ng/u1
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

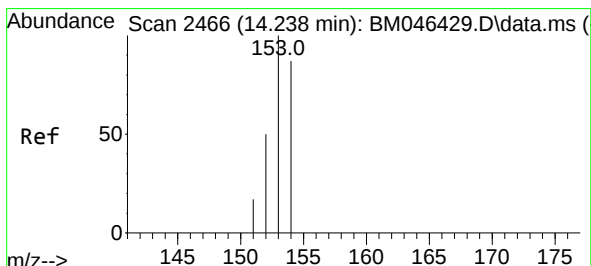
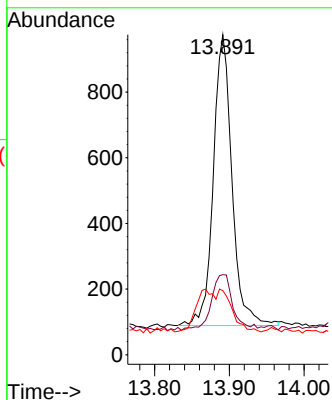
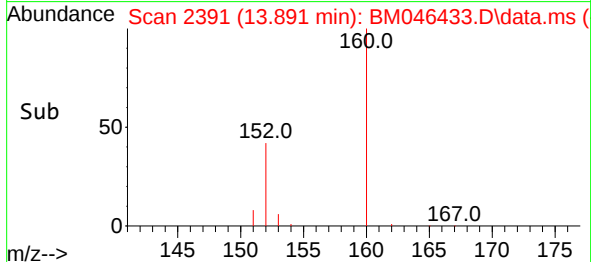
Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:152 Resp: 154
Ion Ratio Lower Upper
152 100
151 25.0 15.9 23.9
153 20.0 11.0 16.6

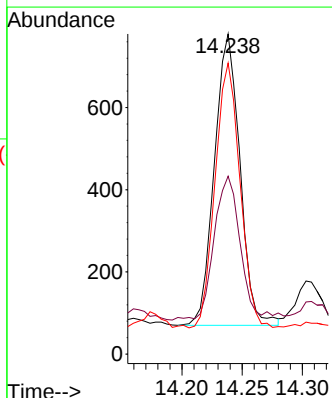
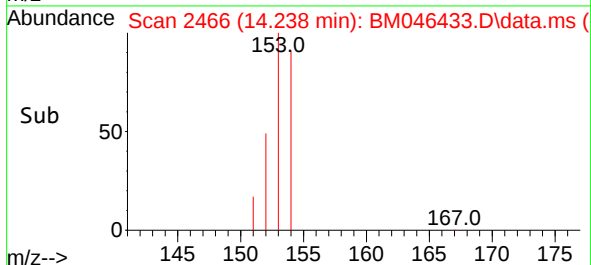
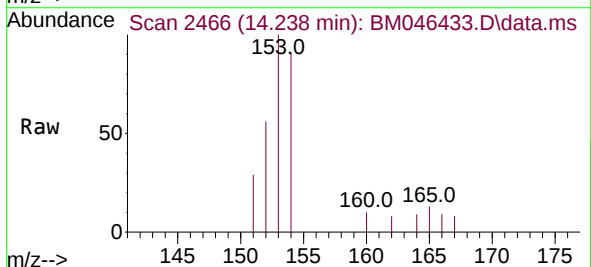
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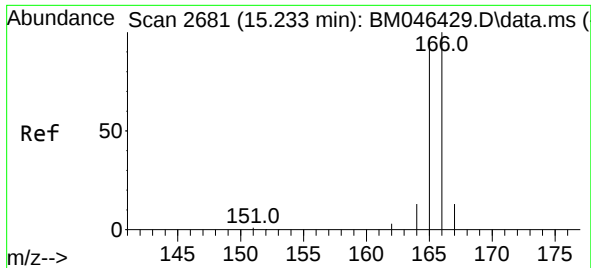
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

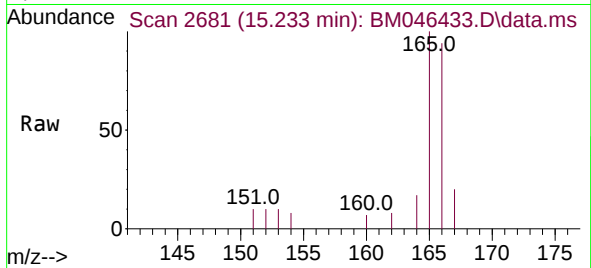
Tgt Ion:153 Resp: 1046
Ion Ratio Lower Upper
153 100
152 55.6 40.4 60.6
154 90.9 72.1 108.1





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

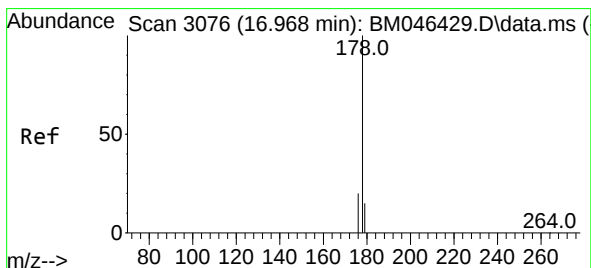
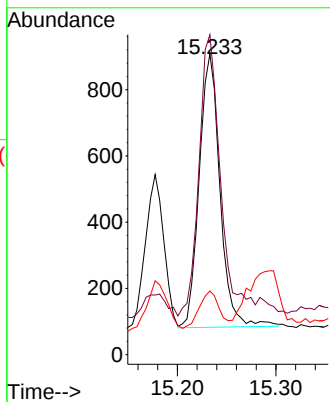
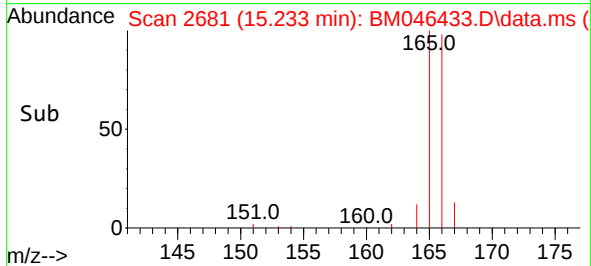
Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:166 Resp: 1200
Ion Ratio Lower Upper
166 100
165 106.4 78.0 117.0
167 21.1 11.4 17.0

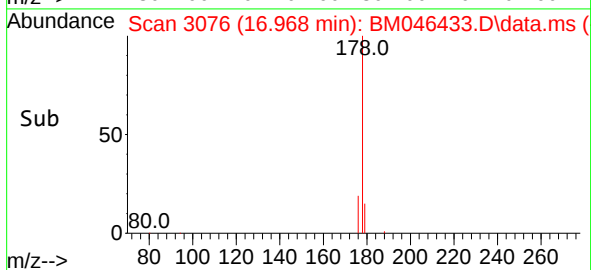
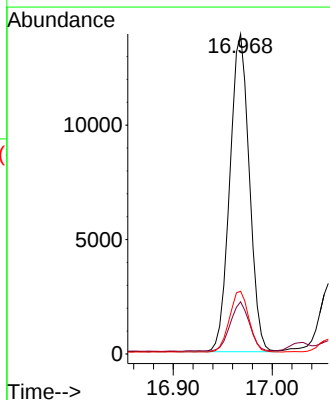
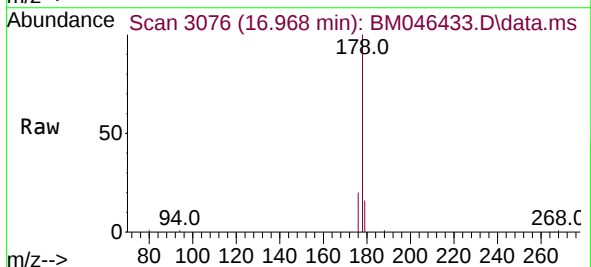
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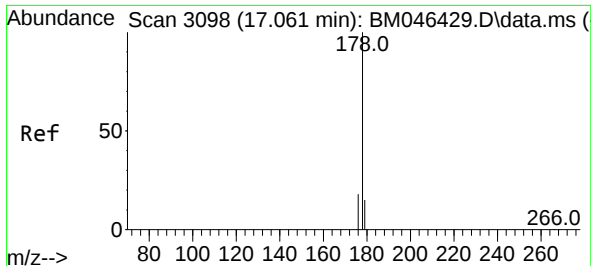
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

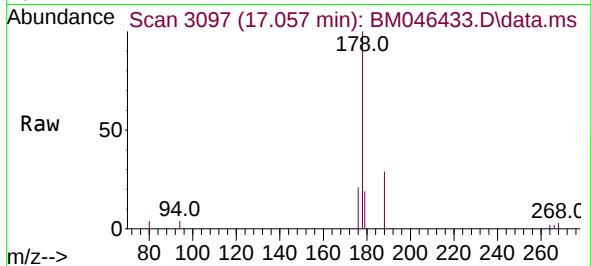
Tgt Ion:178 Resp: 18993
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 19.6 16.0 24.0





#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.057 min Scan# 3098
Delta R.T. -0.011 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

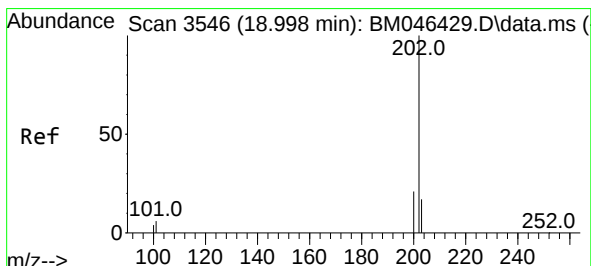
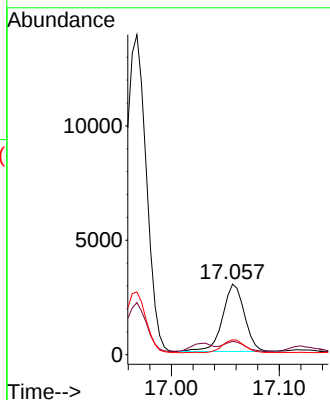
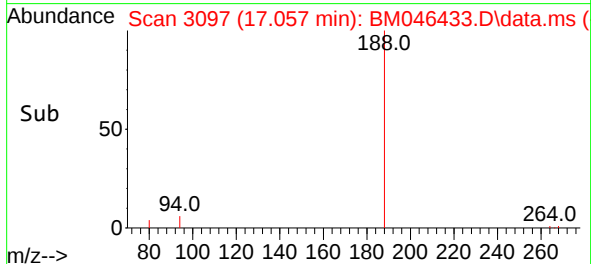
Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:178 Resp: 4169
Ion Ratio Lower Upper
178 100
179 18.8 12.6 18.8
176 21.1 14.9 22.3

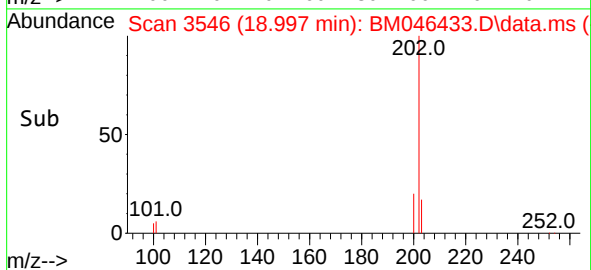
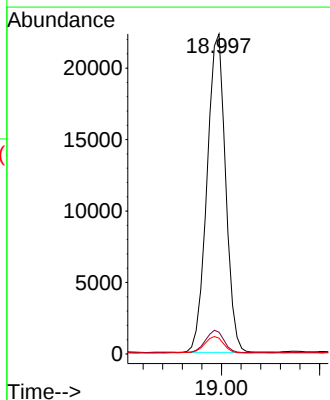
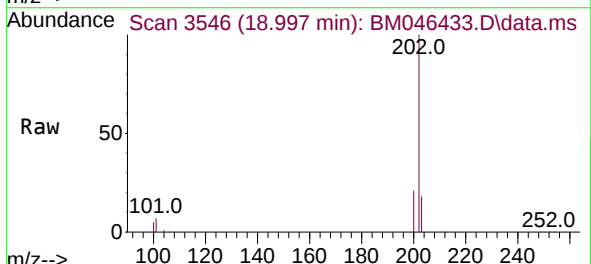
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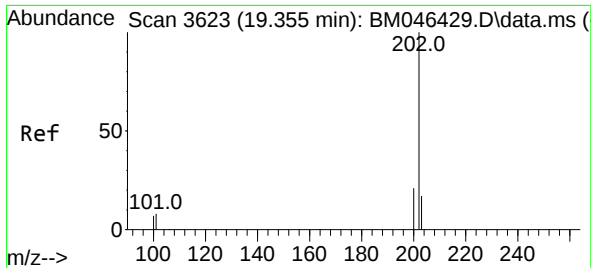
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#19
Fluoranthene
Concen: 0.469 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

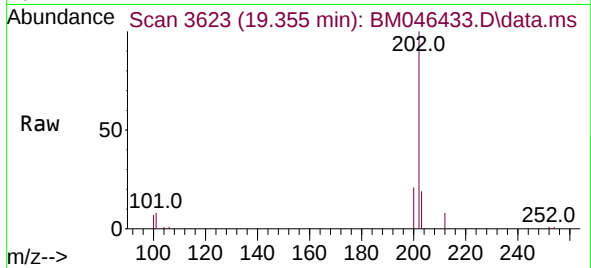
Tgt Ion:202 Resp: 29338
Ion Ratio Lower Upper
202 100
101 6.8 6.3 9.5
100 5.0 5.0 7.6#





#20
Pyrene
Concen: 0.424 ng/u1
RT: 19.355 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

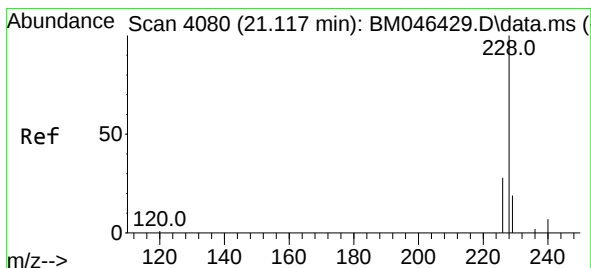
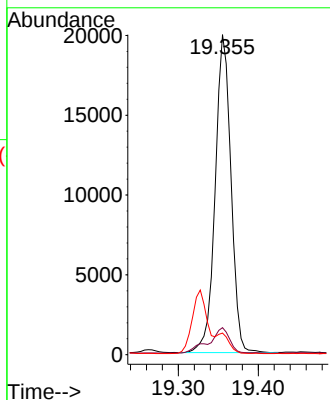
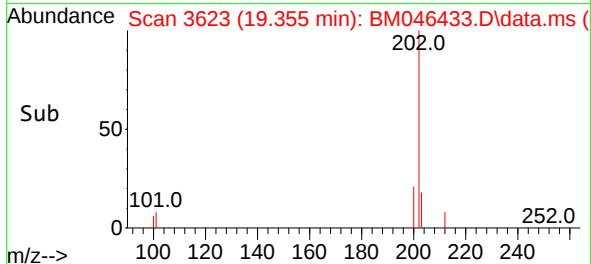
Instrument :
BNA_M
ClientSampleId :
A4B66DL



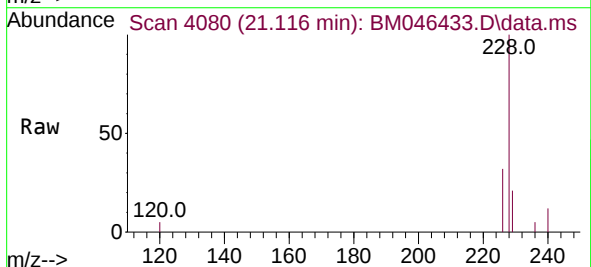
Tgt Ion:202 Resp: 2734
Ion Ratio Lower Upper
202 100
101 8.4 8.2 12.4
100 6.8 6.9 10.3

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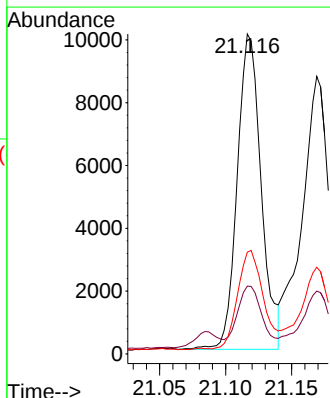
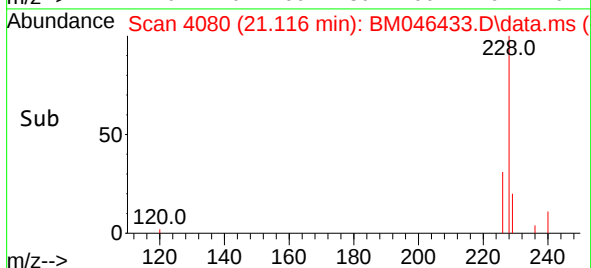
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

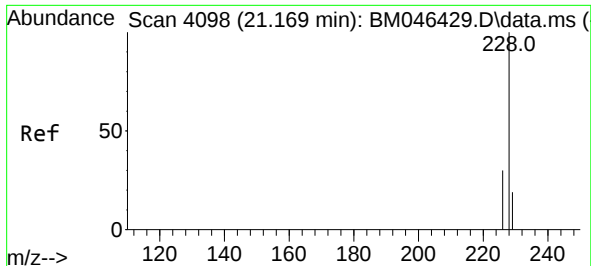


#21
Benzo(a)anthracene
Concen: 0.229 ng/u1
RT: 21.116 min Scan# 4080
Delta R.T. -0.009 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20



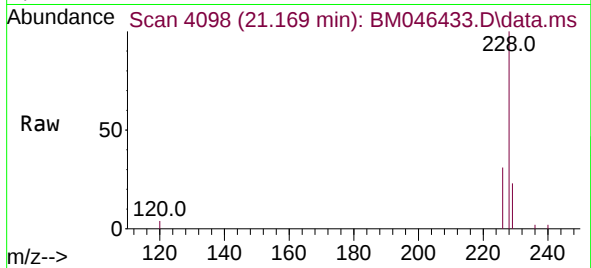
Tgt Ion:228 Resp: 12654
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 31.8 22.0 33.0





#22
Chrysene
Concen: 0.226 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

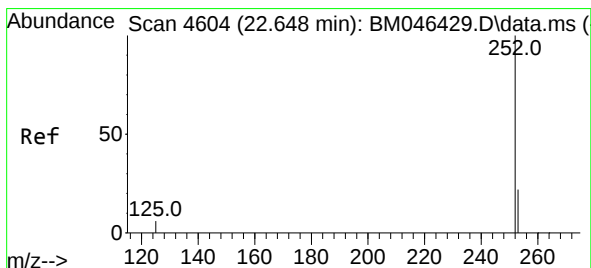
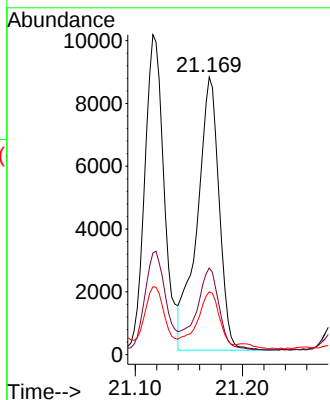
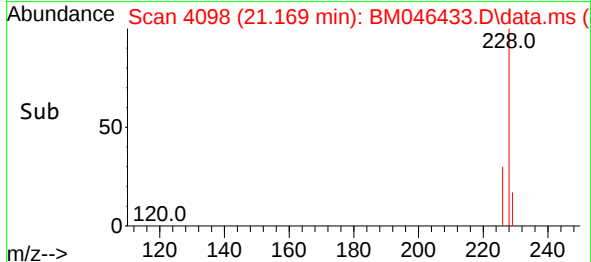
Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:228 Resp: 1243
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 22.7 15.8 23.6

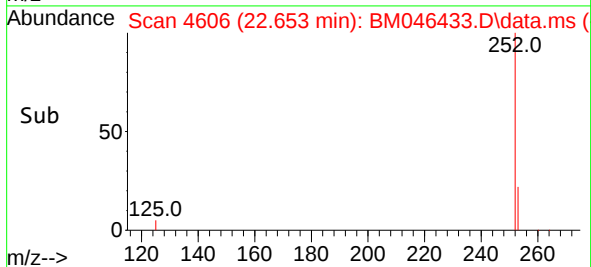
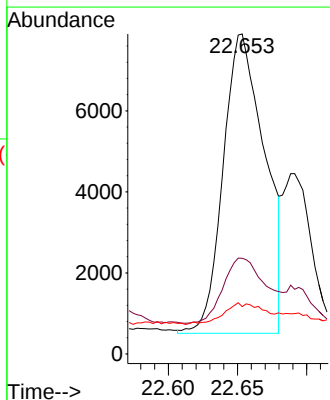
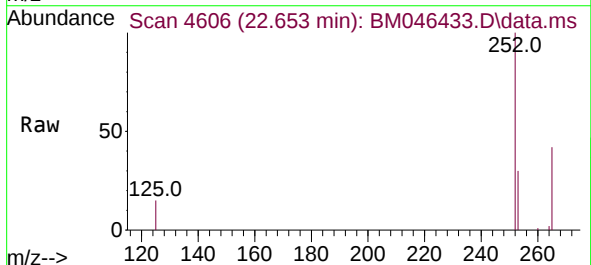
Manual Integrations
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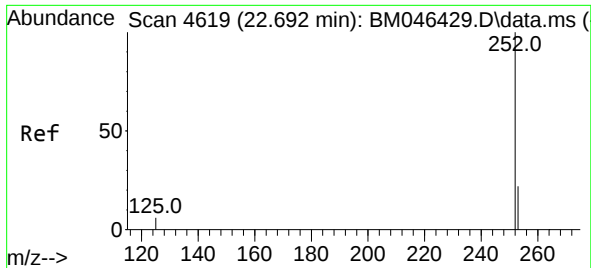
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#24
Benzo(b)fluoranthene
Concen: 0.290 ng/ul m
RT: 22.653 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

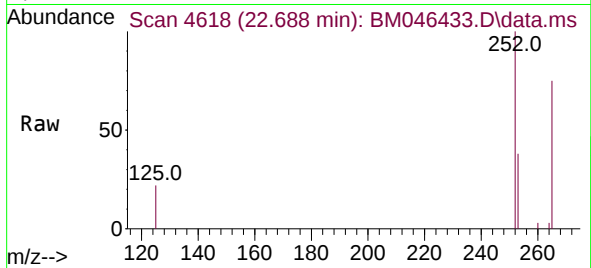
Tgt Ion:252 Resp: 15386
Ion Ratio Lower Upper
252 100
253 29.9 0.0 47.0
125 14.8 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.688 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

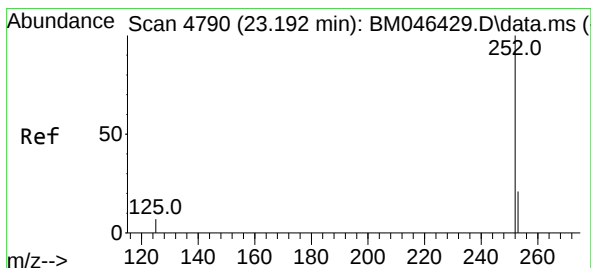
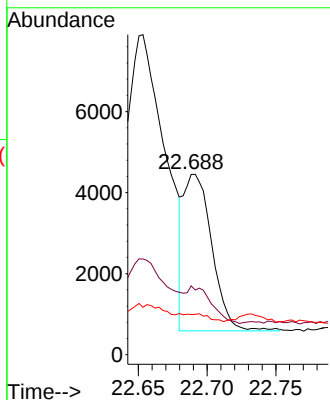
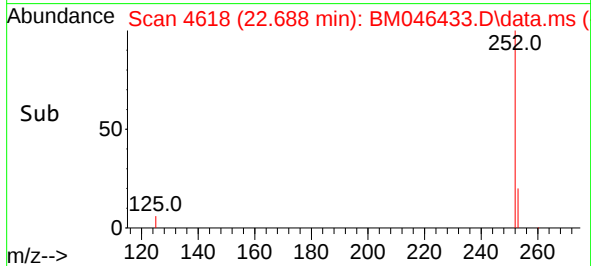
Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:252 Resp: 555
Ion Ratio Lower Upper
252 100
253 38.2 18.4 27.6#
125 22.3 7.5 11.3#

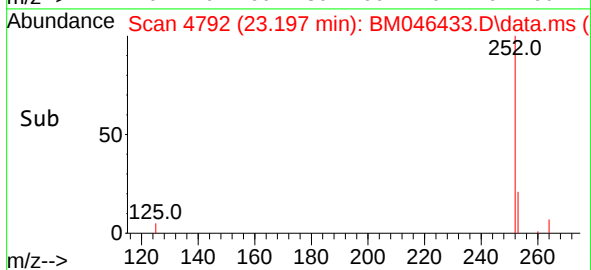
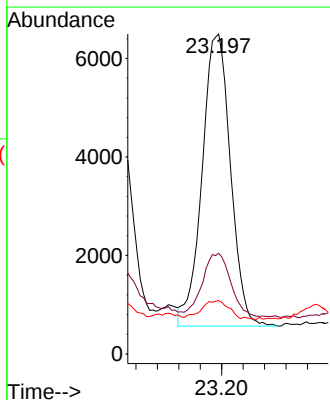
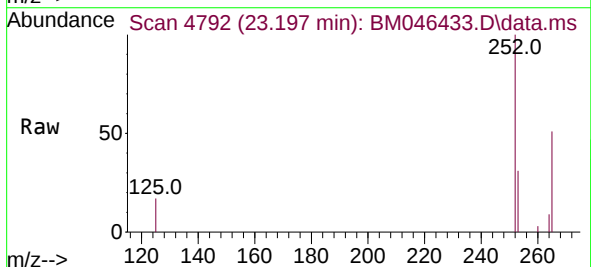
Manual Integrations
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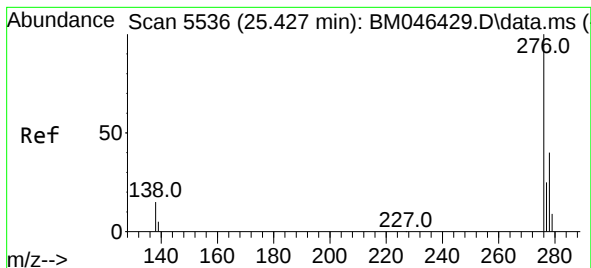
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.197 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

Tgt Ion:252 Resp: 10920
Ion Ratio Lower Upper
252 100
253 31.4 18.9 28.3#
125 16.7 8.1 12.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

RT: 25.427 min Scan# 5536

Delta R.T. -0.021 min

Lab File: BM046433.D

Acq: 08 Jul 2024 13:20

Instrument :

BNA_M

ClientSampleId :

A4B66DL

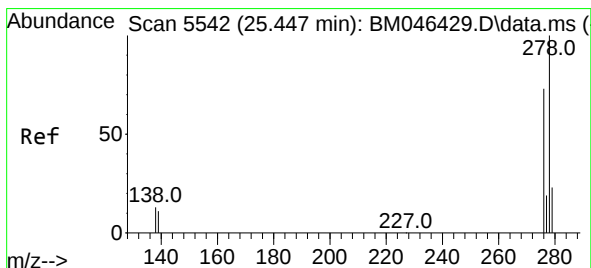
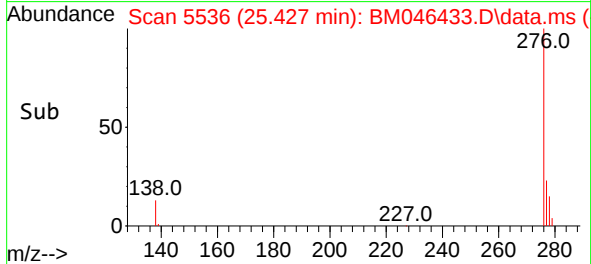
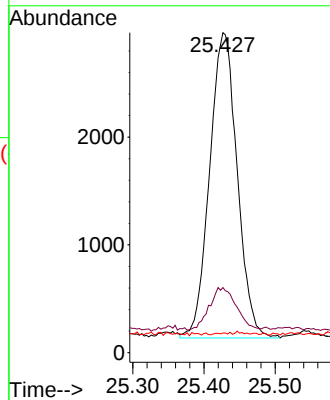
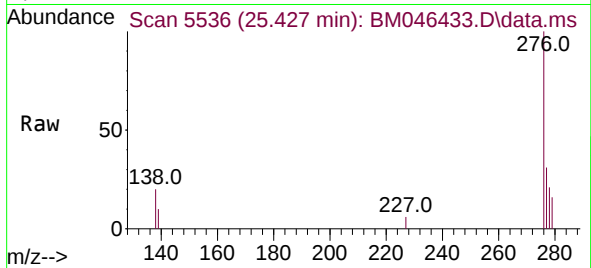
Tgt Ion:	276	Resp:	7634
Ion Ratio	Lower	Upper	
276	100		
138	13.4	15.7	23.5#
227	0.3	0.1	0.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

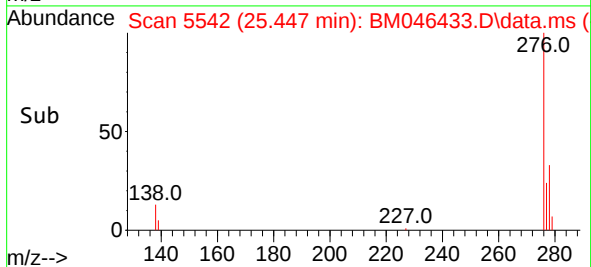
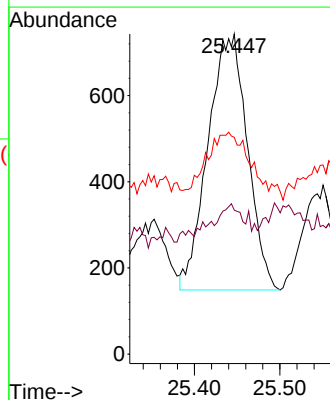
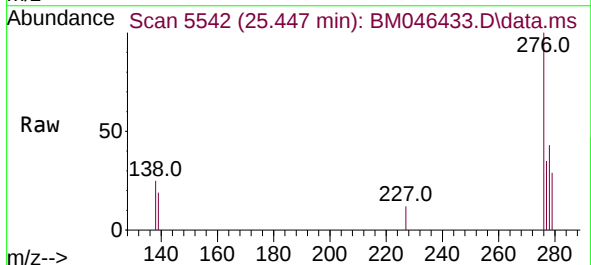
RT: 25.447 min Scan# 5542

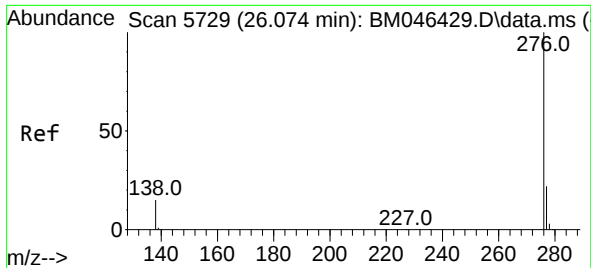
Delta R.T. -0.027 min

Lab File: BM046433.D

Acq: 08 Jul 2024 13:20

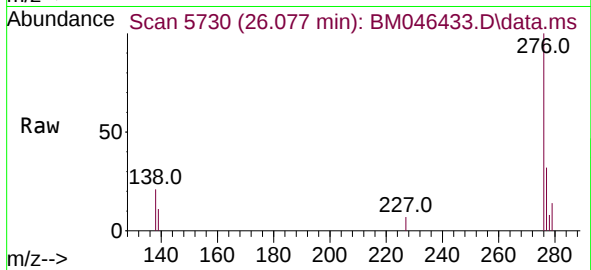
Tgt Ion:	278	Resp:	1901
Ion Ratio	Lower	Upper	
278	100		
139	45.0	12.6	18.8#
279	67.7	20.7	31.1#





#29
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 26.077 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046433.D
Acq: 08 Jul 2024 13:20

Instrument :
BNA_M
ClientSampleId :
A4B66DL



Tgt Ion:276 Resp: 7415
Ion Ratio Lower Upper
276 100
138 21.0 15.4 23.0
277 31.7 19.7 29.5

Manual Integrations
APPROVED

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

