

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046391.D
 Acq On : 05 Jul 2024 20:49
 Operator : MA/JU
 Sample : P3010-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:11:34 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

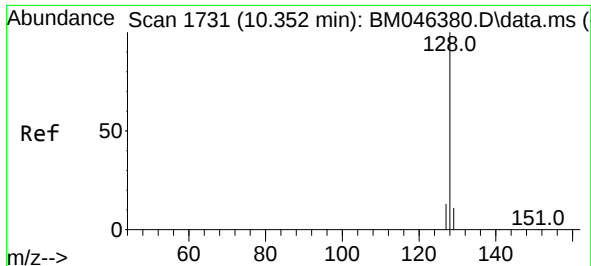
QLast Update : Fri Jul 05 16:01:25 2024

Response via : Initial Calibration

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

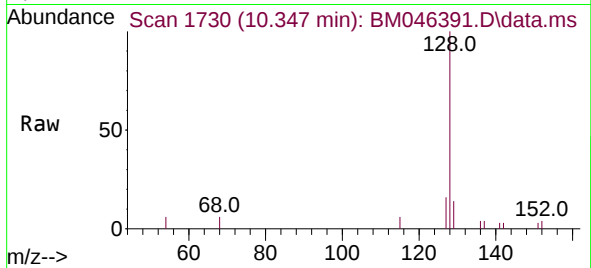
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	7697	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	22396	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	13242	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	28118	0.400	ng/ul	0.00
17) Chrysene-d12	21.138	240	17788	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16781m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	24785	3.117	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	6918	0.209	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	14102	0.226	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.347	128	3209	0.054	ng/ul	95
7) 2-Methylnaphthalene	11.975	142	1155	0.029	ng/ul	98
8) 1-Methylnaphthalene	12.195	142	965	0.023	ng/ul	97
10) Acenaphthylene	13.895	152	3607	0.054	ng/ul#	95
11) Acenaphthene	14.242	153	3652	0.083	ng/ul	99
12) Fluorene	15.237	166	4792	0.093	ng/ul	96
15) Phenanthrene	16.971	178	107533	1.277	ng/ul	99
16) Anthracene	17.064	178	17998	0.220	ng/ul	98
19) Fluoranthene	19.001	202	254839	2.834	ng/ul	99
20) Pyrene	19.363	202	161039	1.741	ng/ul	96
21) Benzo(a)anthracene	21.120	228	101756	1.280	ng/ul	98
22) Chrysene	21.170	228	110329	1.396	ng/ul	98
24) Benzo(b)fluoranthene	22.654	252	140182m	1.965	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	48423m	0.672	ng/ul	
26) Benzo(a)pyrene	23.198	252	43959	0.780	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.437	276	43070	0.565	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.444	278	14620	0.248	ng/ul#	90
29) Benzo(g,h,i)perylene	26.081	276	6428	0.106	ng/ul#	81

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



#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

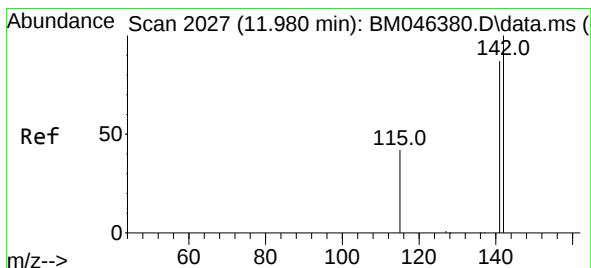
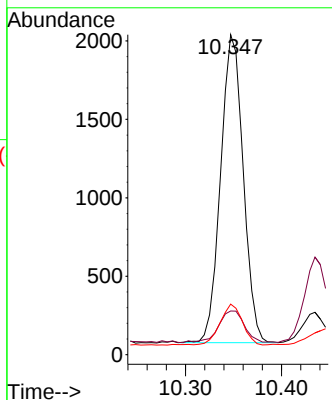
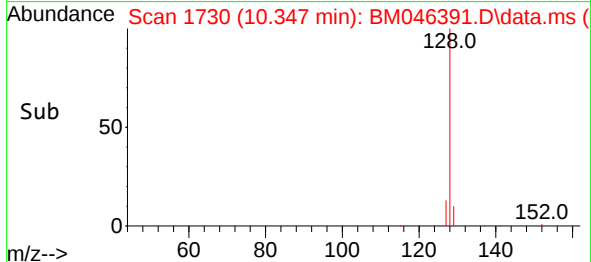
Instrument :
BNA_M
ClientSampleId :
A4B69



Tgt Ion:128 Resp: 3209
Ion Ratio Lower Upper
128 100
129 13.7 9.4 14.0
127 15.8 10.8 16.2

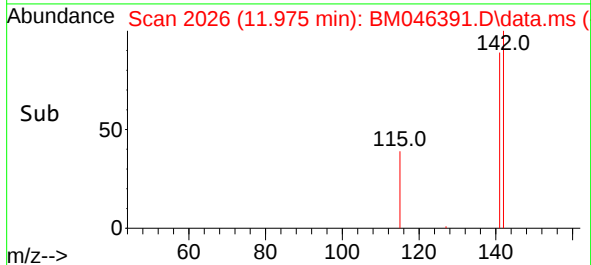
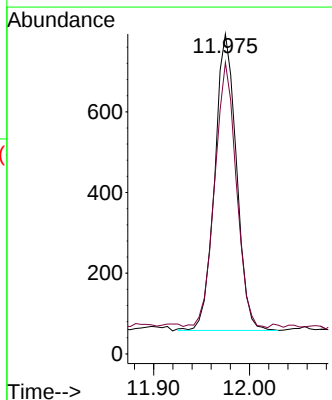
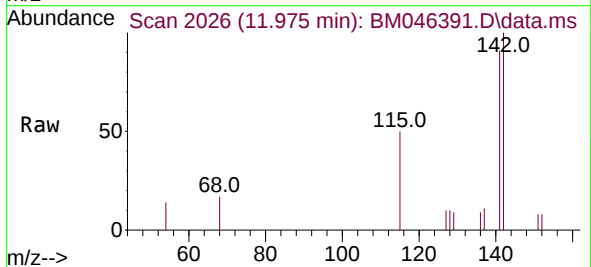
Manual Integrations
APPROVED

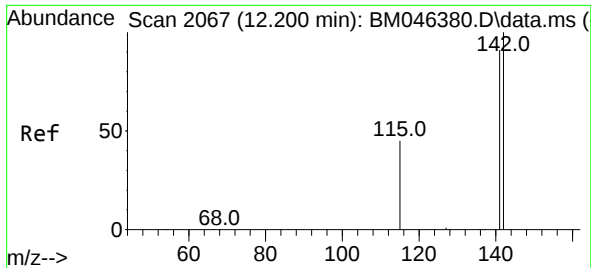
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

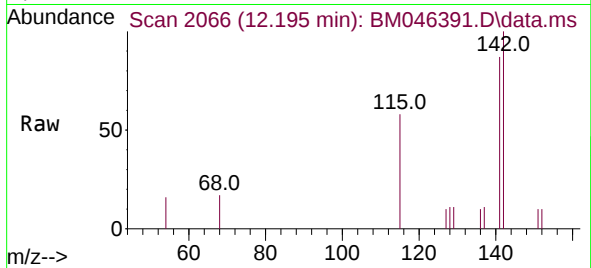
Tgt Ion:142 Resp: 1155
Ion Ratio Lower Upper
142 100
141 89.0 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

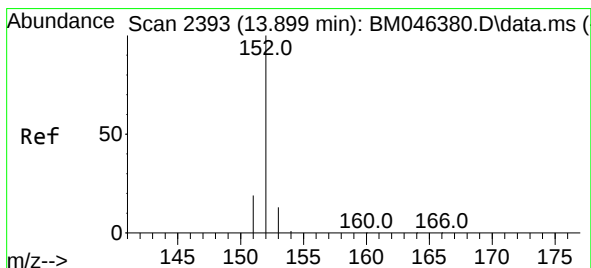
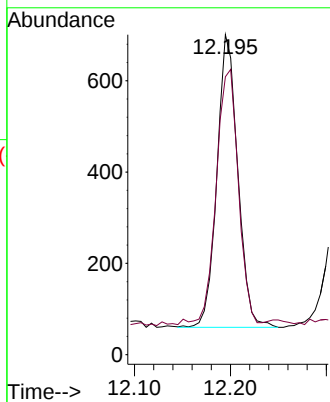
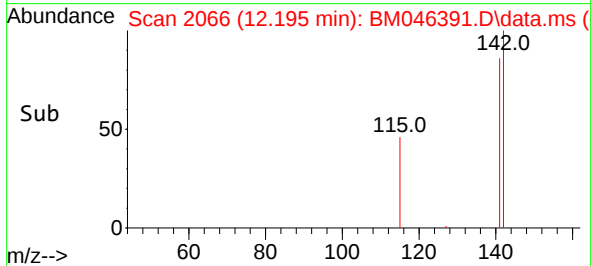
Instrument :
BNA_M
ClientSampleId :
A4B69



Tgt Ion:142 Resp: 965
Ion Ratio Lower Upper
142 100
141 93.2 72.4 108.6

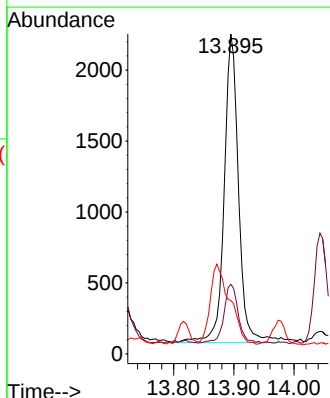
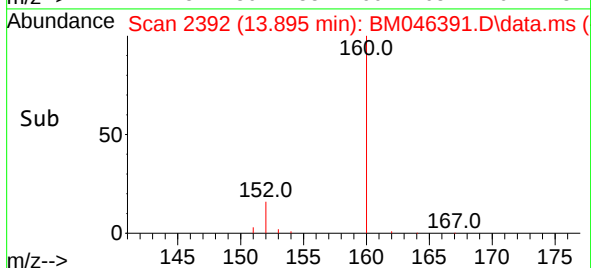
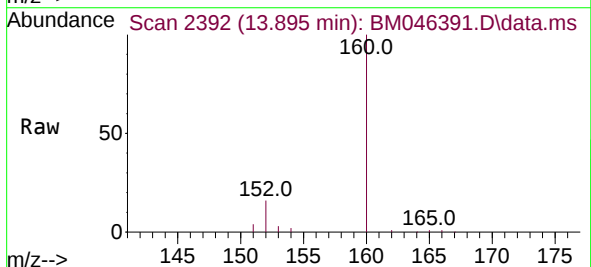
Manual Integrations
APPROVED

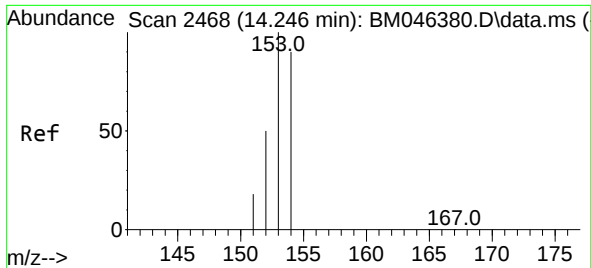
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.004 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

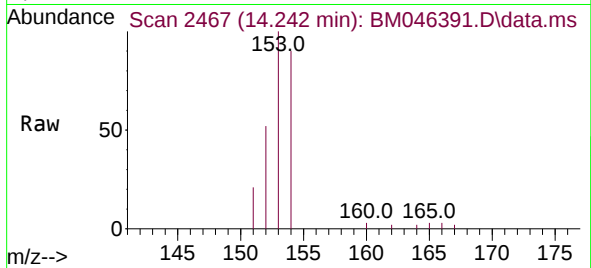
Tgt Ion:152 Resp: 3607
Ion Ratio Lower Upper
152 100
151 21.7 15.9 23.9
153 16.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.083 ng/u1
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

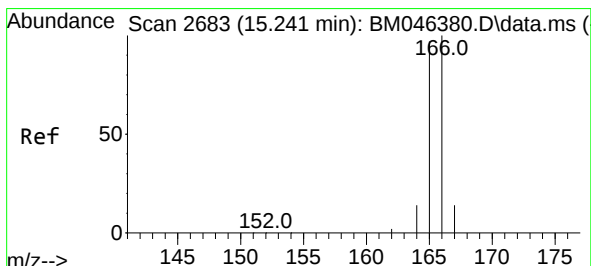
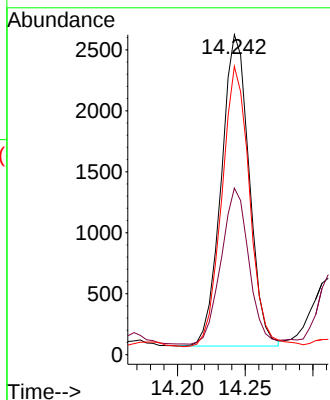
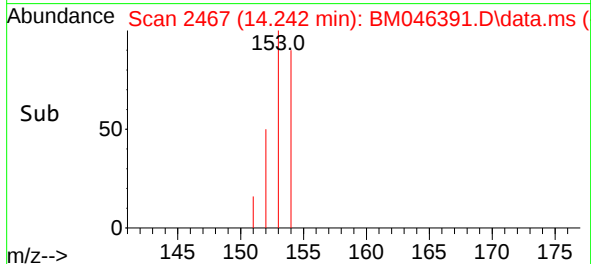
Instrument :
BNA_M
ClientSampleId :
A4B69



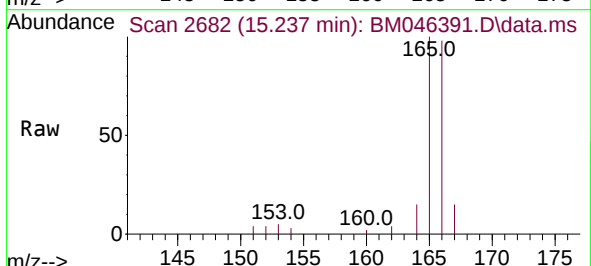
Tgt Ion:153 Resp: 3652
Ion Ratio Lower Upper
153 100
152 52.1 40.4 60.6
154 90.1 72.1 108.1

Manual Integrations
APPROVED

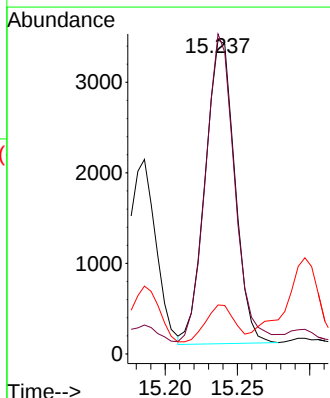
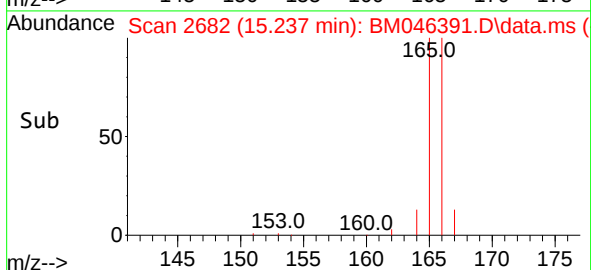
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

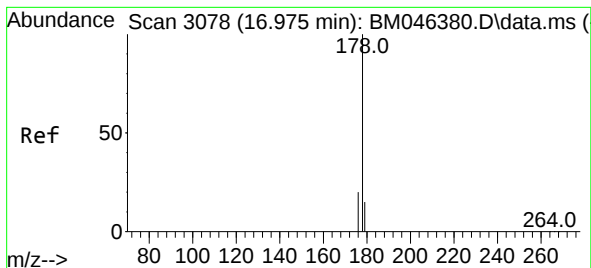


#12
Fluorene
Concen: 0.093 ng/u1
RT: 15.237 min Scan# 2682
Delta R.T. -0.004 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49



Tgt Ion:166 Resp: 4792
Ion Ratio Lower Upper
166 100
165 101.9 78.0 117.0
167 15.6 11.4 17.0





#15

Phenanthrene

Concen: 1.277 ng/ul

RT: 16.971 min Scan# 3077

Delta R.T. -0.004 min

Lab File: BM046391.D

Acq: 05 Jul 2024 20:49

Instrument :

BNA_M

ClientSampleId :

A4B69

Tgt Ion:178 Resp: 10753

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

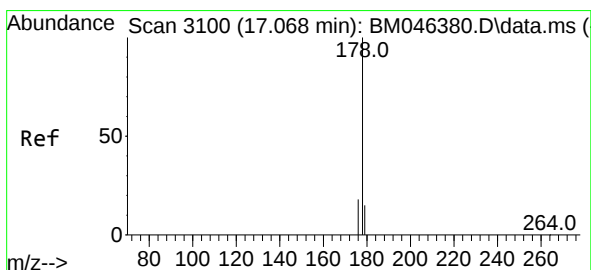
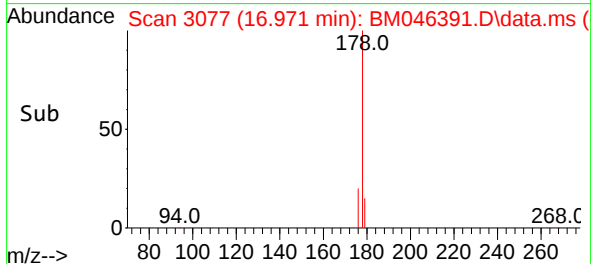
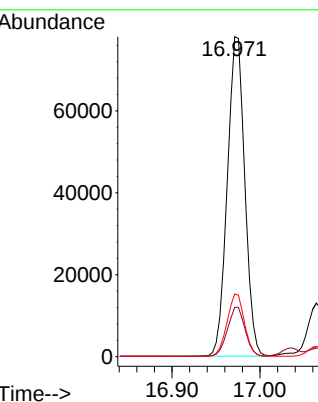
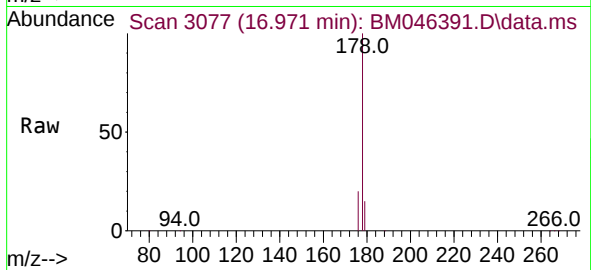
176 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#16

Anthracene

Concen: 0.220 ng/ul

RT: 17.064 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BM046391.D

Acq: 05 Jul 2024 20:49

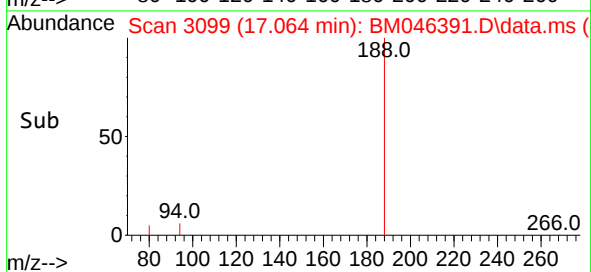
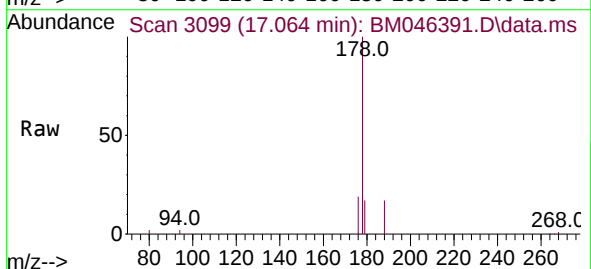
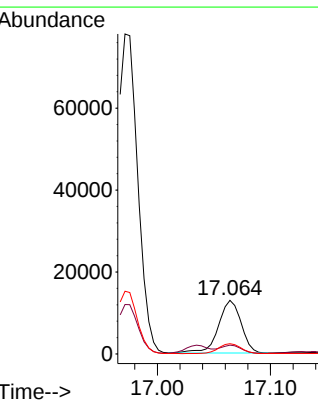
Tgt Ion:178 Resp: 17998

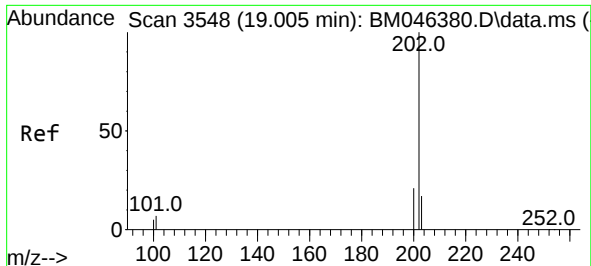
Ion Ratio Lower Upper

178 100

179 16.5 12.6 18.8

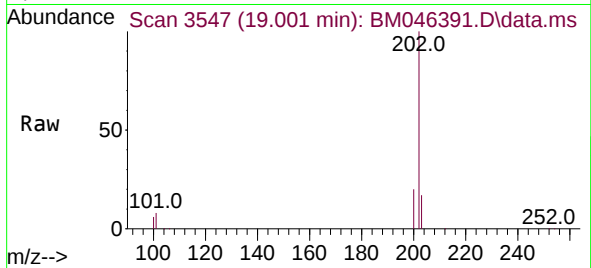
176 19.2 14.9 22.3





#19
Fluoranthene
Concen: 2.834 ng/ul
RT: 19.001 min Scan# 3547
Delta R.T. -0.004 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

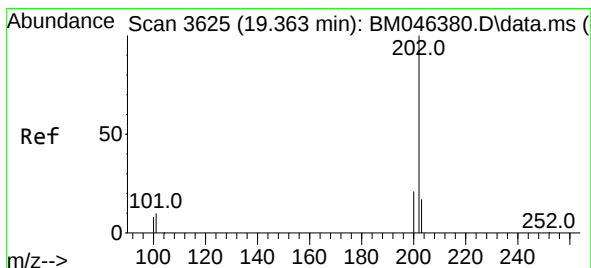
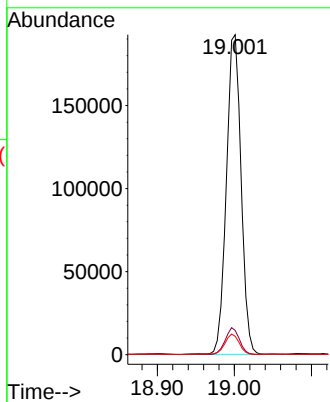
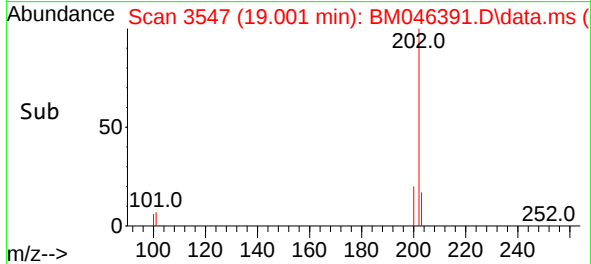
Instrument :
BNA_M
ClientSampleId :
A4B69



Tgt Ion:202 Resp: 254839
Ion Ratio Lower Upper
202 100
101 7.6 6.3 9.5
100 5.7 5.0 7.6

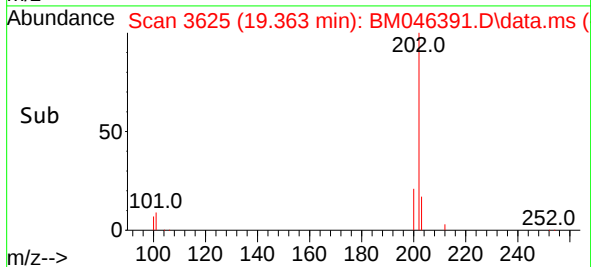
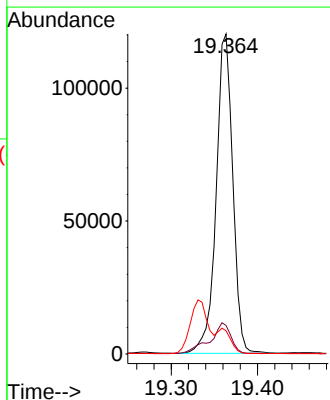
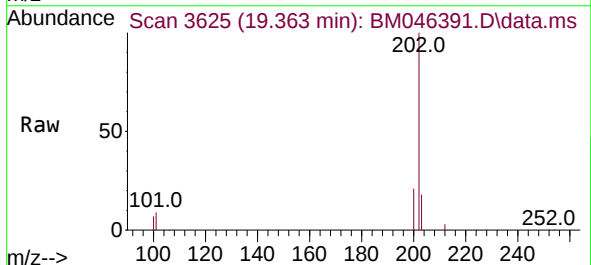
Manual Integrations
APPROVED

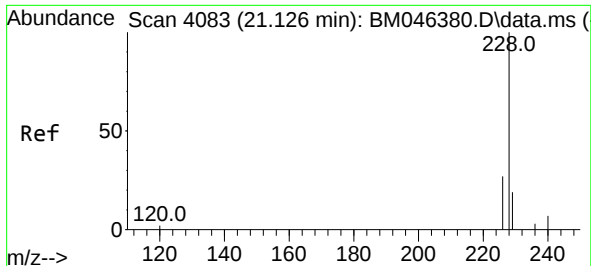
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 1.741 ng/ul
RT: 19.363 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

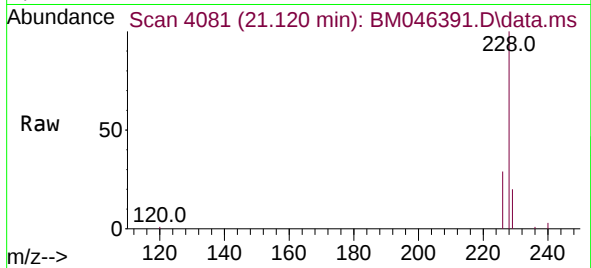
Tgt Ion:202 Resp: 161039
Ion Ratio Lower Upper
202 100
101 8.9 8.2 12.4
100 7.3 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.280 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.005 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

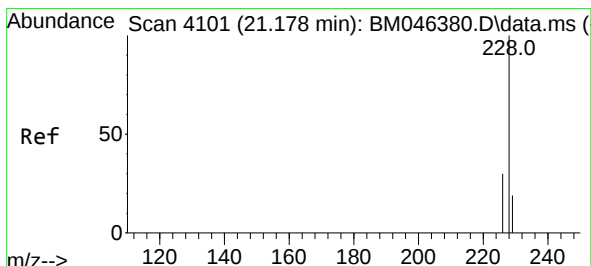
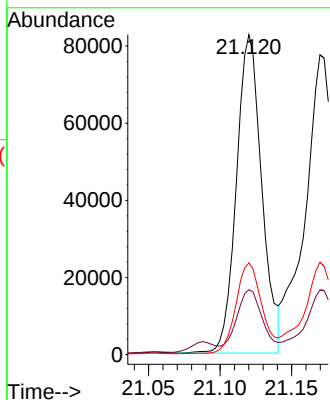
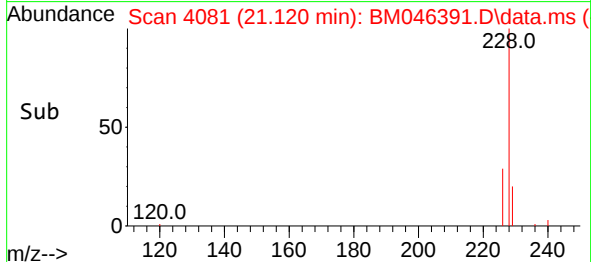
Instrument :
BNA_M
ClientSampleId :
A4B69



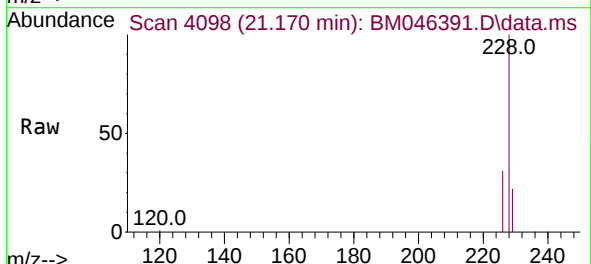
Tgt Ion:228 Resp: 101750
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.7 22.0 33.0

Manual Integrations
APPROVED

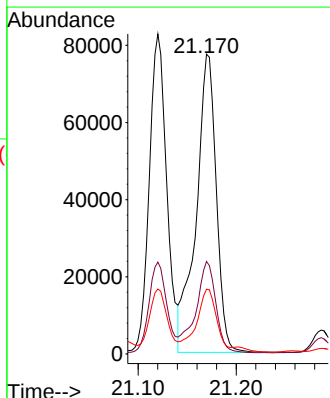
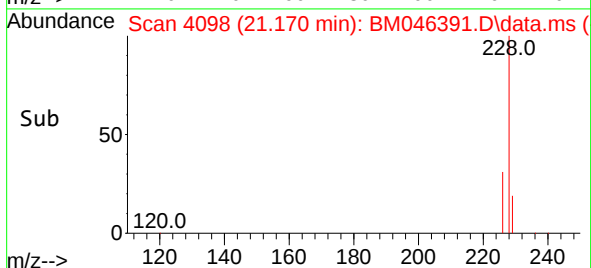
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

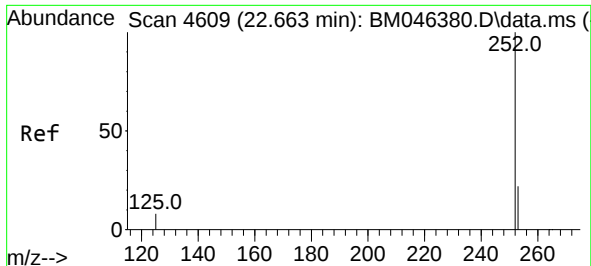


#22
Chrysene
Concen: 1.396 ng/ul
RT: 21.170 min Scan# 4098
Delta R.T. -0.008 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49



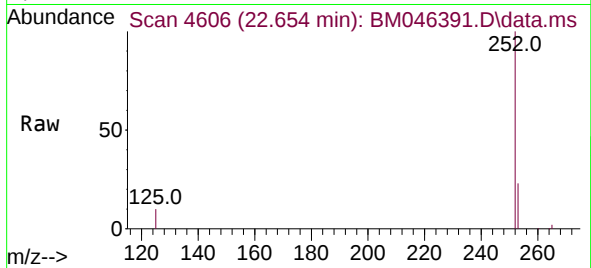
Tgt Ion:228 Resp: 110329
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.965 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.008 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

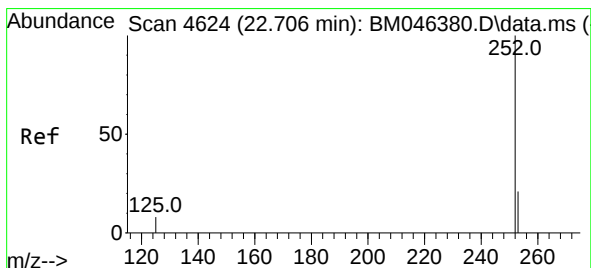
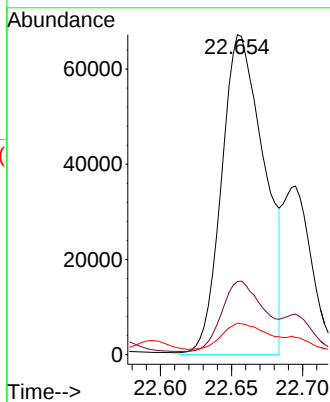
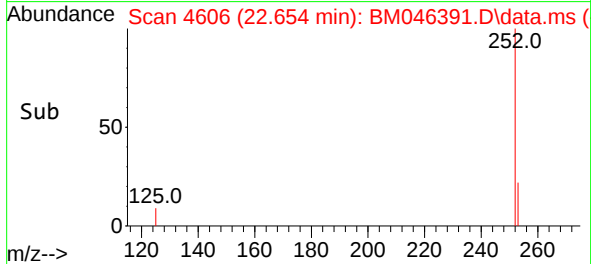
Instrument :
BNA_M
ClientSampleId :
A4B69



Tgt Ion:252 Resp: 14018
Ion Ratio Lower Upper
252 100
253 22.8 0.0 47.0
125 9.8 0.0 18.4

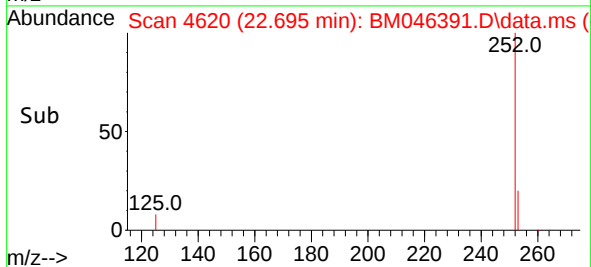
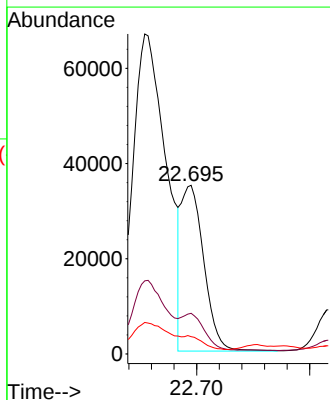
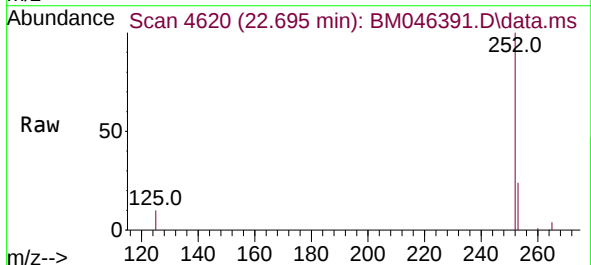
Manual Integrations
APPROVED

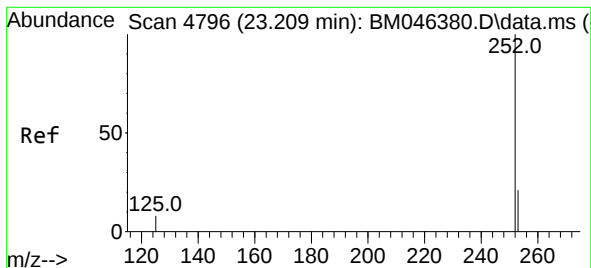
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.672 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.011 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

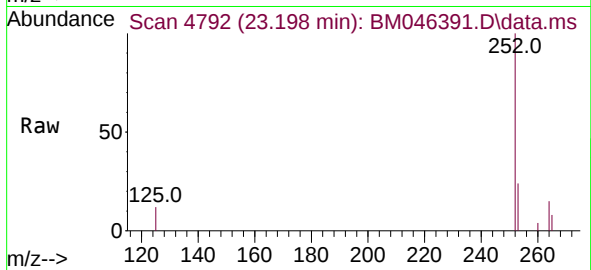
Tgt Ion:252 Resp: 48423
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 10.2 7.5 11.3





#26
Benzo(a)pyrene
Concen: 0.780 ng/ul
RT: 23.198 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

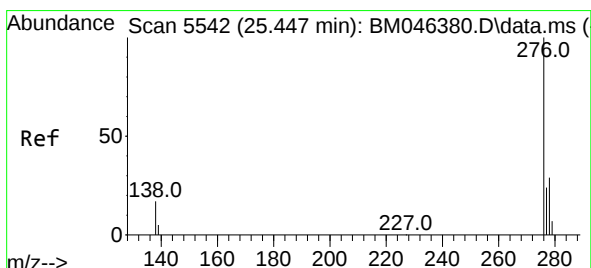
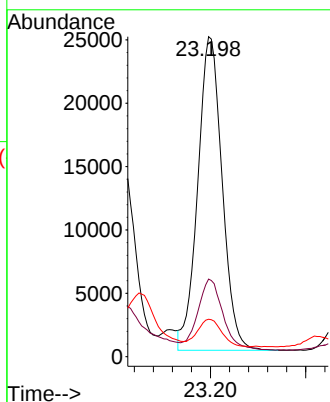
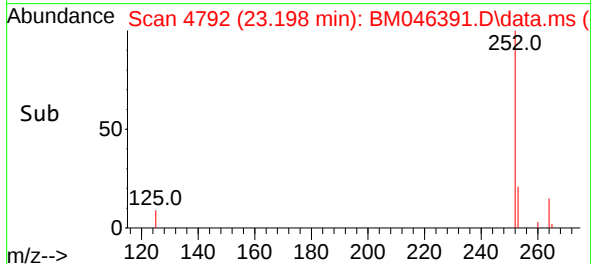
Instrument :
BNA_M
ClientSampleId :
A4B69



Tgt Ion:252 Resp: 43959
Ion Ratio Lower Upper
252 100
253 24.2 18.9 28.3
125 11.7 8.1 12.1

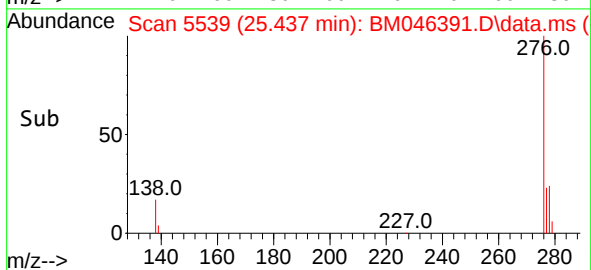
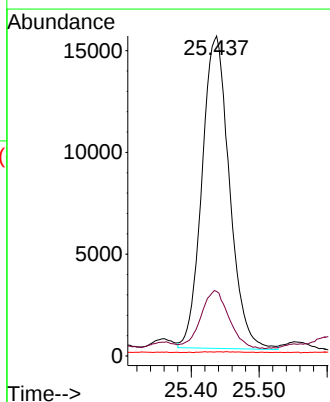
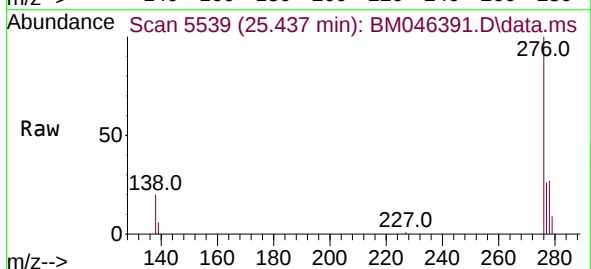
Manual Integrations
APPROVED

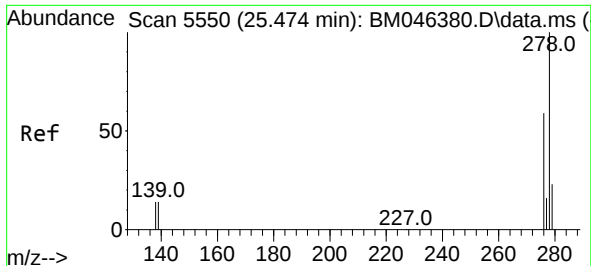
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.565 ng/ul
RT: 25.437 min Scan# 5539
Delta R.T. -0.010 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

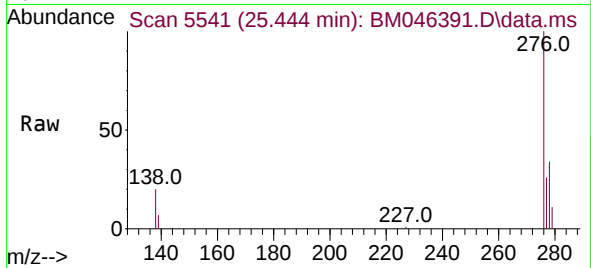
Tgt Ion:276 Resp: 43070
Ion Ratio Lower Upper
276 100
138 19.1 15.7 23.5
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.248 ng/ul
RT: 25.444 min Scan# 5541
Delta R.T. -0.030 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49

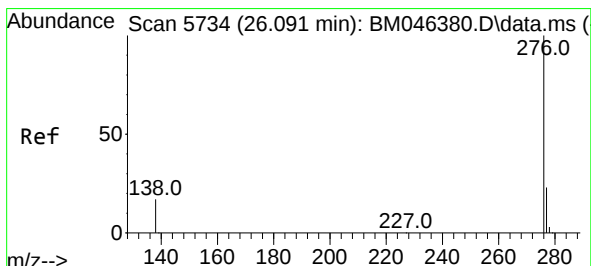
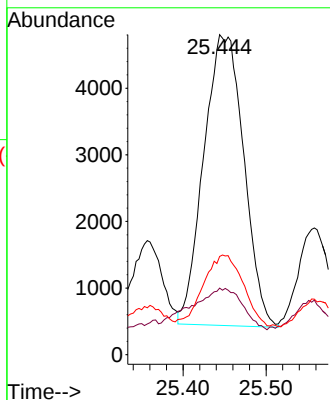
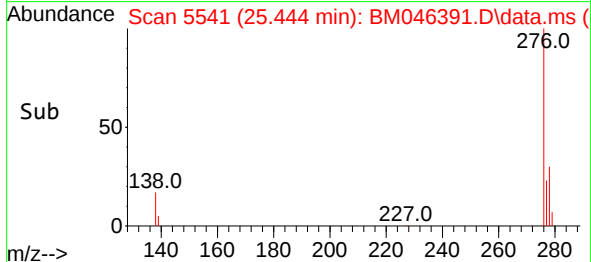
Instrument :
BNA_M
ClientSampleId :
A4B69



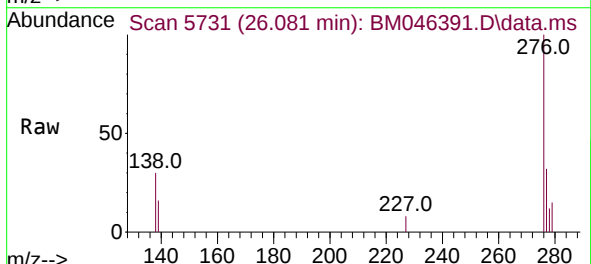
Tgt Ion:278 Resp: 14620
Ion Ratio Lower Upper
278 100
139 20.8 12.6 18.8#
279 30.7 20.7 31.1#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046391.D
Acq: 05 Jul 2024 20:49



Tgt Ion:276 Resp: 6428
Ion Ratio Lower Upper
276 100
138 29.5 15.4 23.0#
277 32.4 19.7 29.5#

