

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041066.D
 Acq On : 22 Jul 2023 22:31
 Operator : MA/JU
 Sample : 03504-14
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:29:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	3791	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	13912	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8309	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	18745	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	13186	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	11170	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	10239	1.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6556	0.354	ng/ul	-0.01
18) Fluoranthene-d10	19.297	212	14194	0.256	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.713	128	1568	0.041	ng/ul#	70
7) 2-Methylnaphthalene	12.330	142	421	0.020	ng/ul	97
8) 1-Methylnaphthalene	12.550	142	486	0.022	ng/ul#	79
10) Acenaphthylene	14.231	152	1521	0.044	ng/ul#	72
11) Acenaphthene	14.574	153	2073	0.068	ng/ul	99
12) Fluorene	15.564	166	1844	0.058	ng/ul#	97
15) Phenanthrene	17.308	178	35065	0.626	ng/ul	99
16) Anthracene	17.396	178	1996	0.046	ng/ul#	77
19) Fluoranthene	19.329	202	61816	0.908	ng/ul#	92
20) Pyrene	19.692	202	35624	0.512	ng/ul#	93
21) Benzo(a)anthracene	21.440	228	16491	0.411	ng/ul	96
22) Chrysene	21.492	228	21369	0.465	ng/ul	97
24) Benzo(b)fluoranthene	23.120	252	24835	0.579	ng/ul	98
25) Benzo(k)fluoranthene	23.164	252	8993m	0.221	ng/ul	
26) Benzo(a)pyrene	23.740	252	1775	0.048	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	26.314	276	6755	0.137	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.327	278	2584	0.070	ng/ul#	46

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

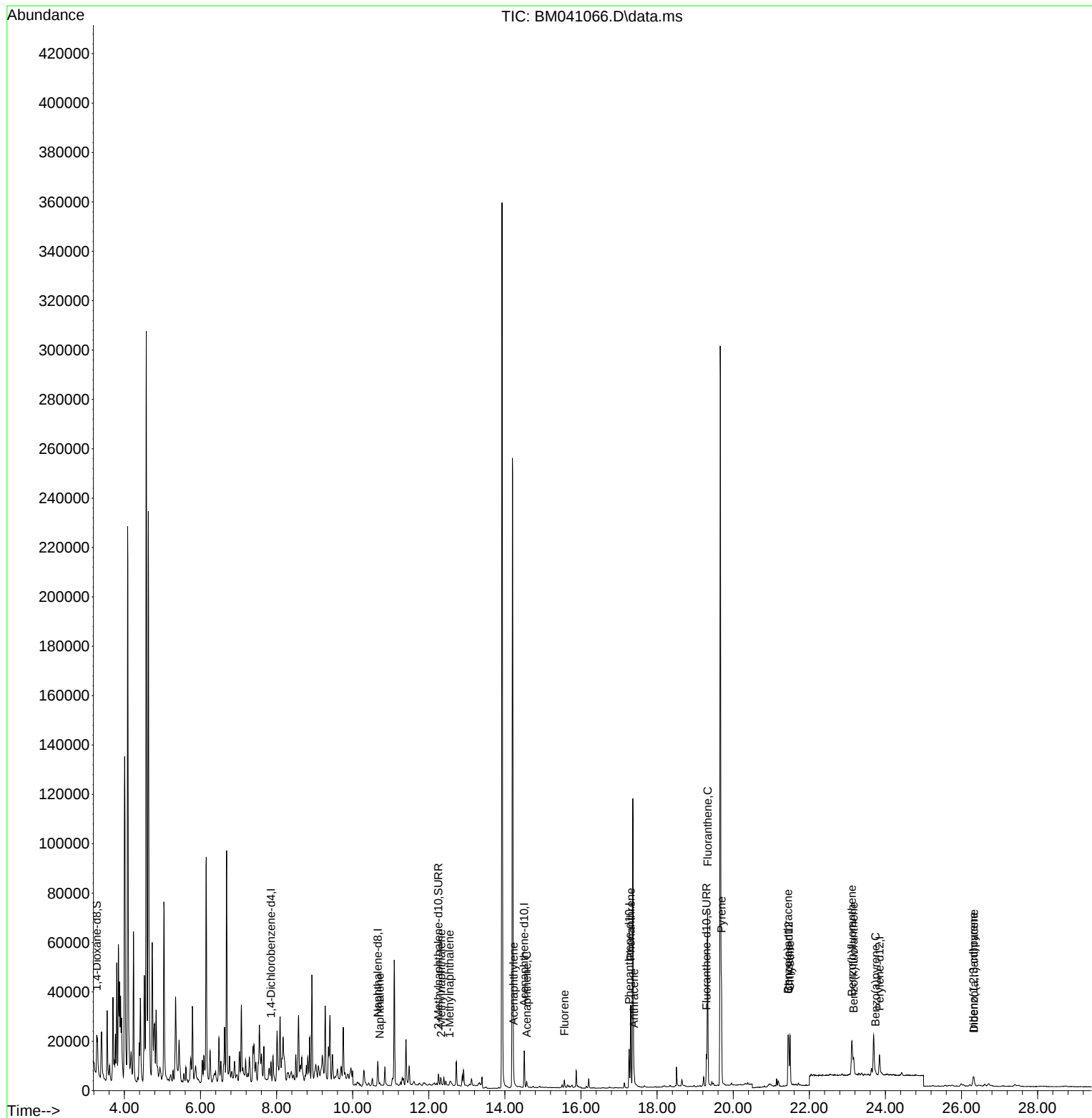
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041066.D
Acq On : 22 Jul 2023 22:31
Operator : MA/JU
Sample : 03504-14
Misc :
ALS Vial : 57 Sample Multiplier: 1

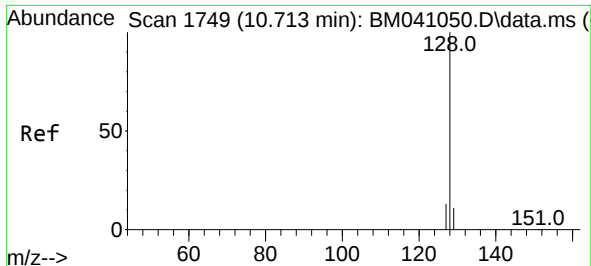
Instrument :
BNA_M
ClientSampleId :
A46R7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

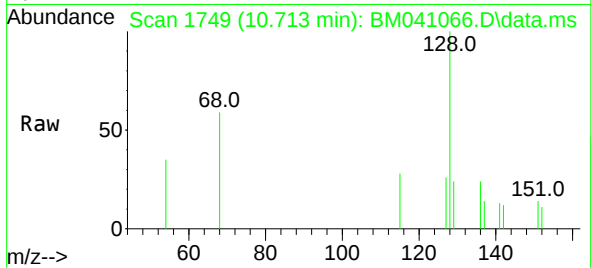
Quant Time: Jul 22 23:29:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

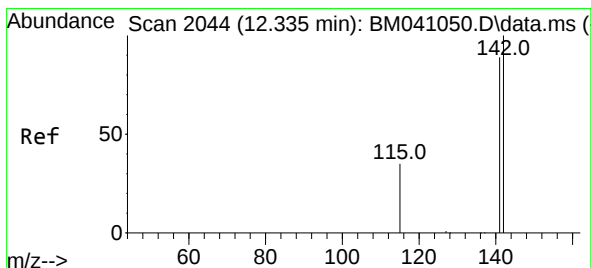
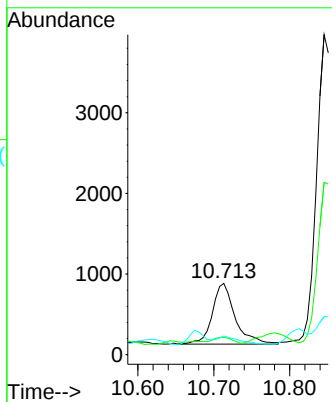
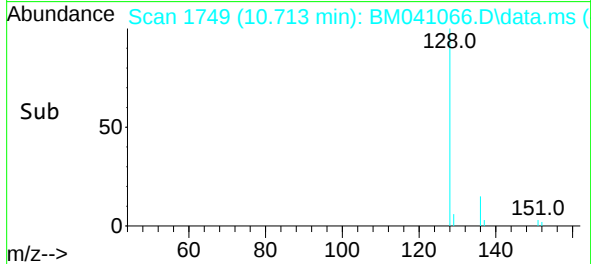
Instrument :
BNA_M
ClientSampleId :
A46R7



Tgt Ion:128 Resp: 1568
Ion Ratio Lower Upper
128 100
129 24.0 9.8 14.8
127 26.2 11.0 16.4

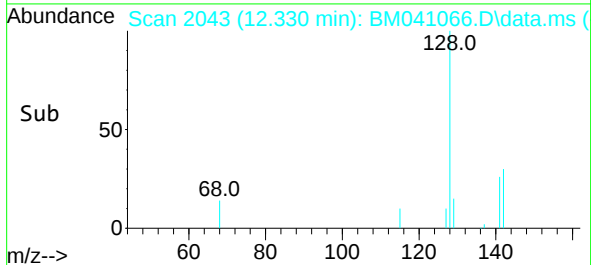
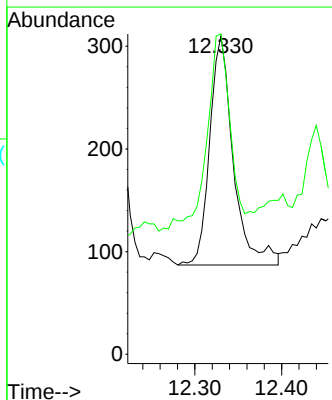
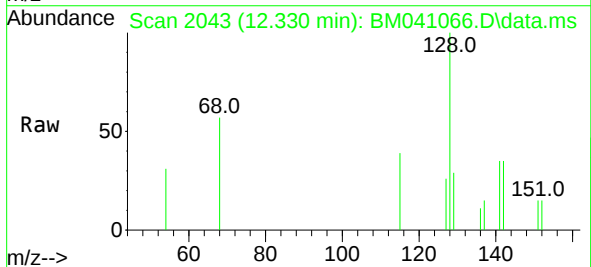
Manual Integrations
APPROVED

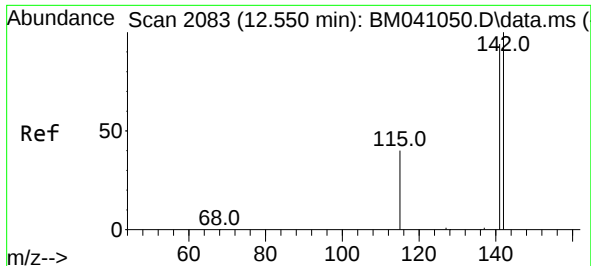
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

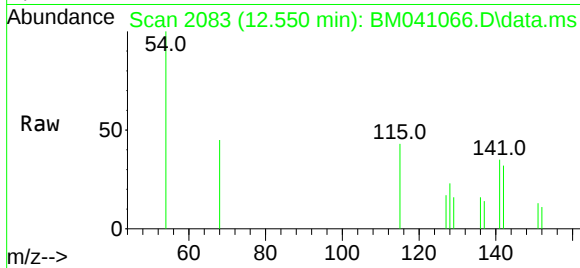
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

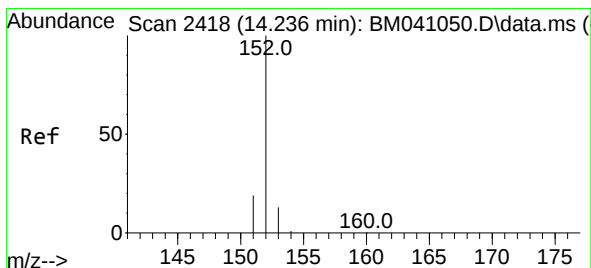
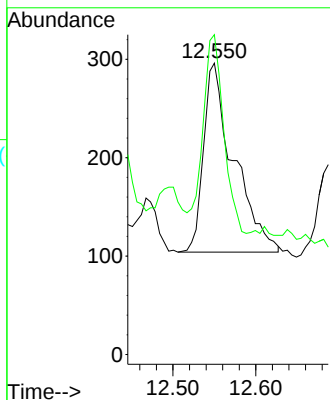
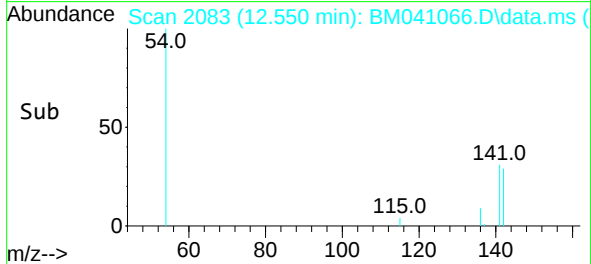
Instrument :
BNA_M
ClientSampleId :
A46R7



Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
141 71.6 73.4 110.2#

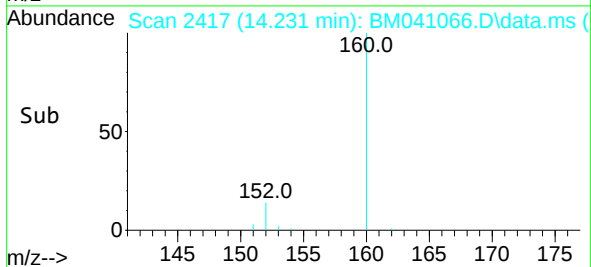
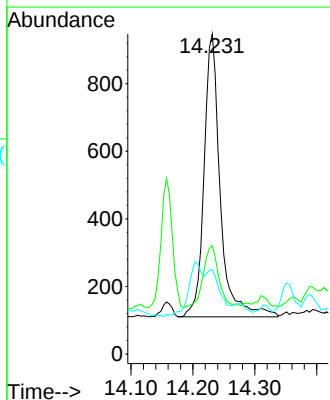
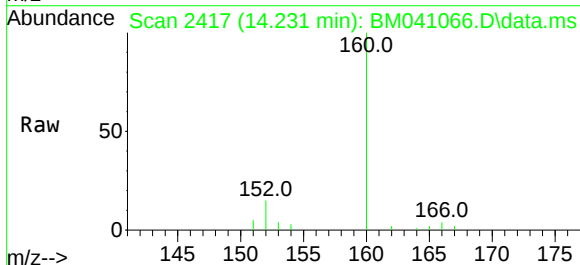
Manual Integrations
APPROVED

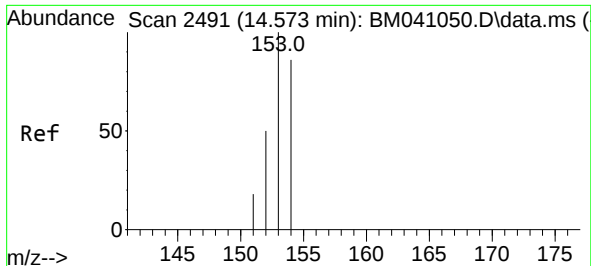
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

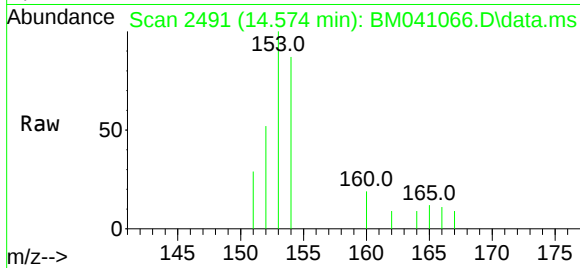
Tgt Ion:152 Resp: 1521
Ion Ratio Lower Upper
152 100
151 33.9 16.8 25.2#
153 26.4 11.6 17.4#





#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

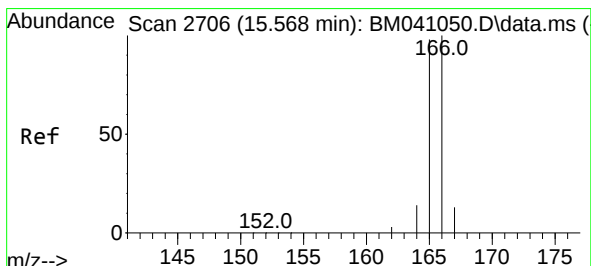
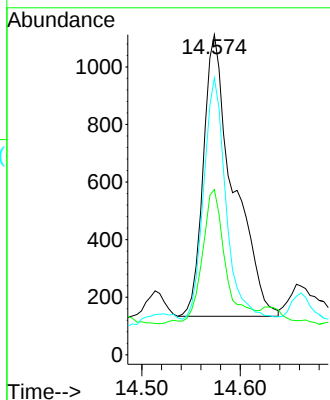
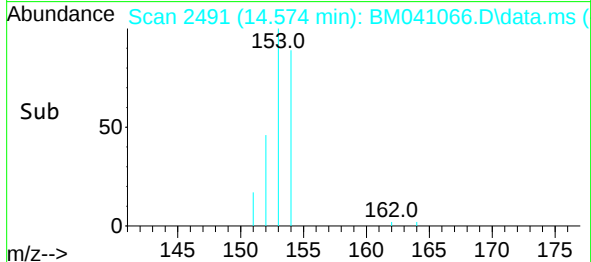
Instrument :
BNA_M
ClientSampleId :
A46R7



Tgt Ion:153 Resp: 207
Ion Ratio Lower Upper
153 100
152 51.6 41.0 61.6
154 86.5 68.2 102.2

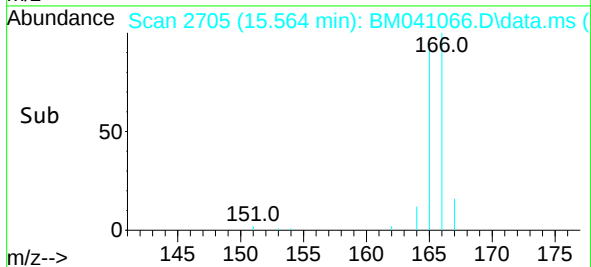
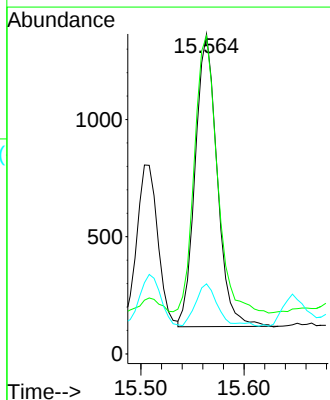
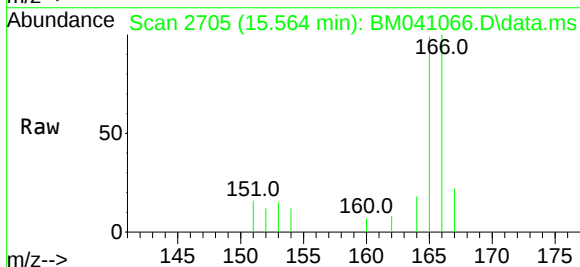
Manual Integrations
APPROVED

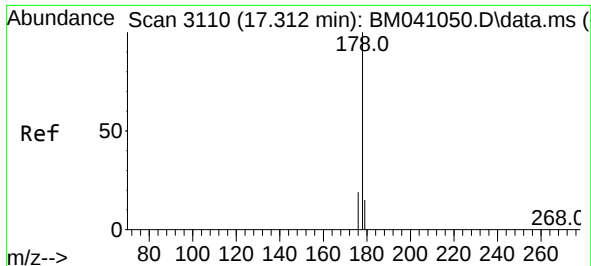
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

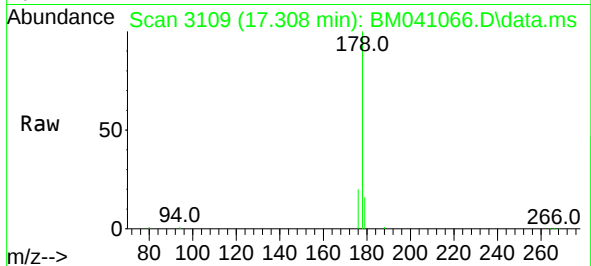
Tgt Ion:166 Resp: 1844
Ion Ratio Lower Upper
166 100
165 99.4 80.3 120.5
167 21.9 11.7 17.5#





#15
Phenanthrene
Concen: 0.626 ng/ul
RT: 17.308 min Scan# 3110
Delta R.T. -0.008 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

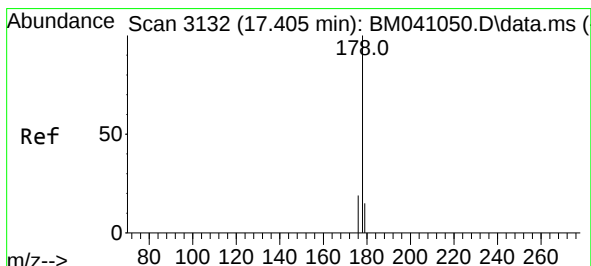
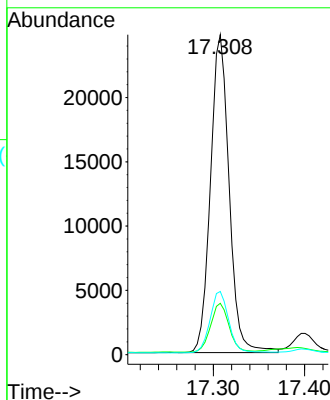
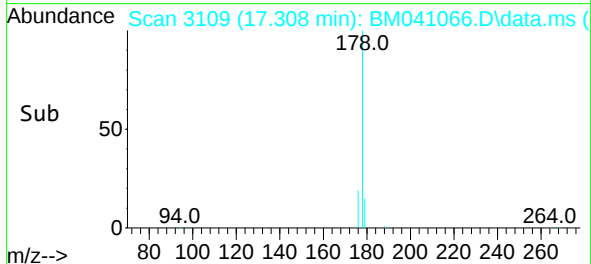
Instrument :
BNA_M
ClientSampleId :
A46R7



Tgt Ion:178 Resp: 3506
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.8 16.2 24.4

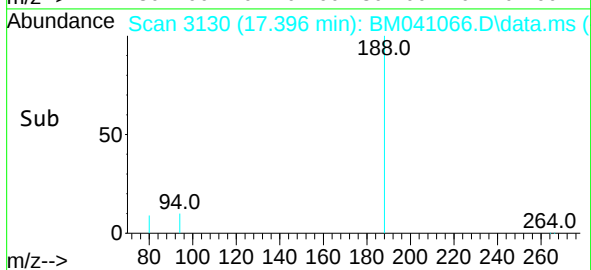
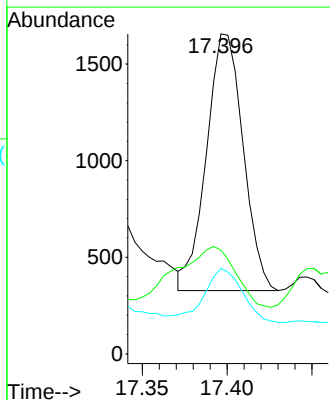
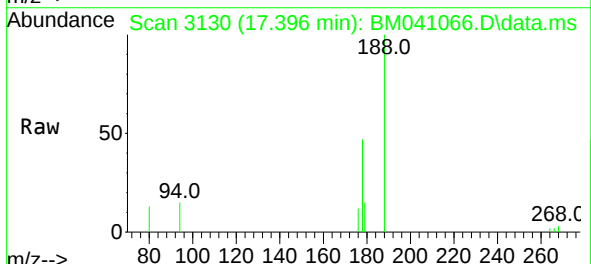
Manual Integrations
APPROVED

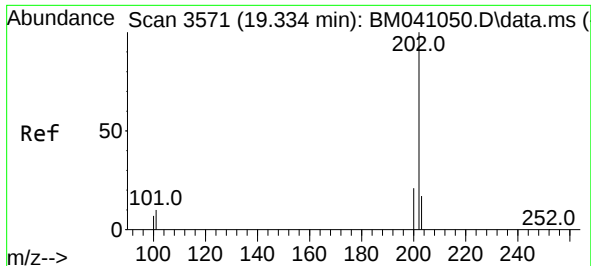
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

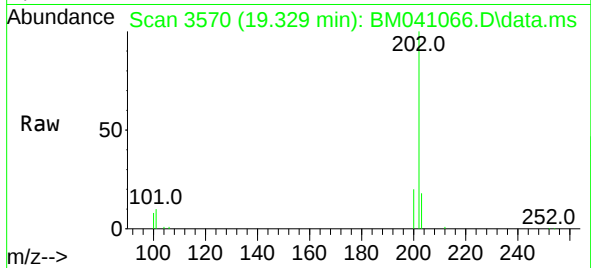
Tgt Ion:178 Resp: 1996
Ion Ratio Lower Upper
178 100
179 32.4 13.7 20.5#
176 26.8 16.4 24.6#





#19
Fluoranthene
Concen: 0.908 ng/u1
RT: 19.329 min Scan# 3570
Delta R.T. -0.004 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

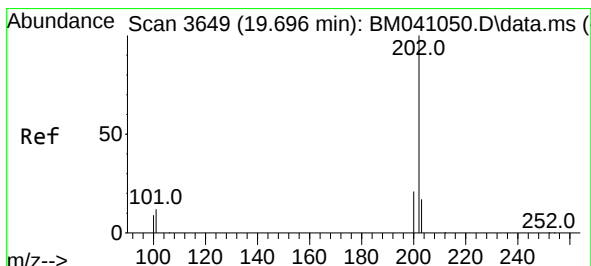
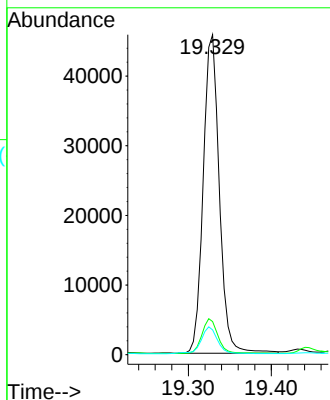
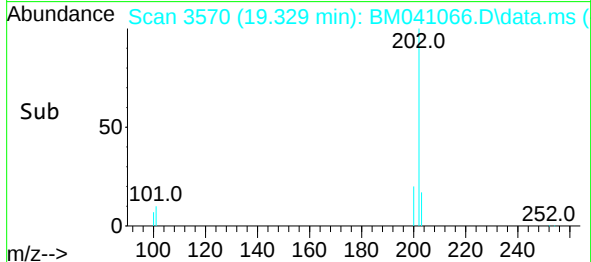
Instrument :
BNA_M
ClientSampleId :
A46R7



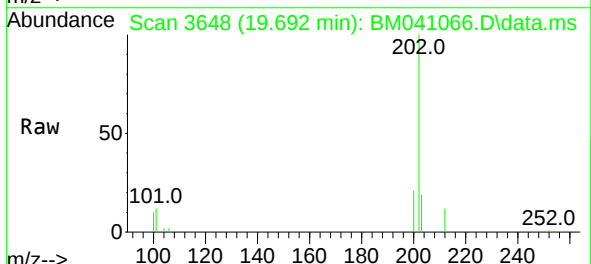
Tgt Ion:202 Resp: 61810
Ion Ratio Lower Upper
202 100
101 10.4 11.0 16.4
100 7.8 8.3 12.5

Manual Integrations
APPROVED

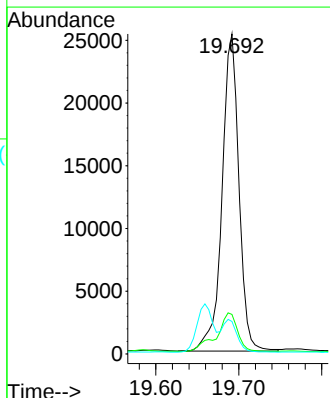
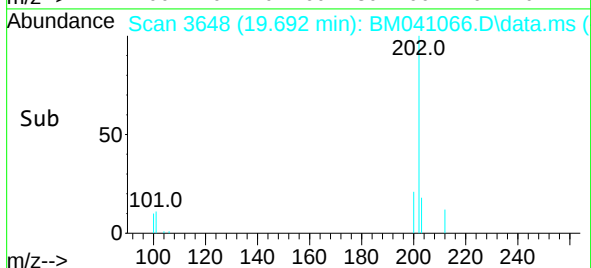
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

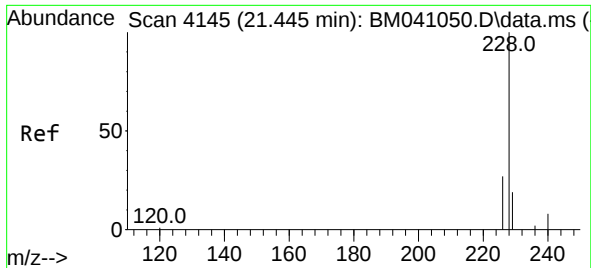


#20
Pyrene
Concen: 0.512 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.004 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31



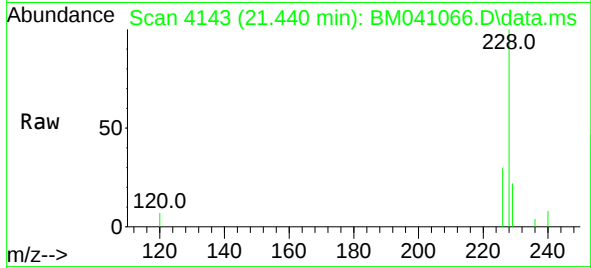
Tgt Ion:202 Resp: 35624
Ion Ratio Lower Upper
202 100
101 12.4 12.5 18.7#
100 10.1 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.440 min Scan# 4145
Delta R.T. -0.009 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

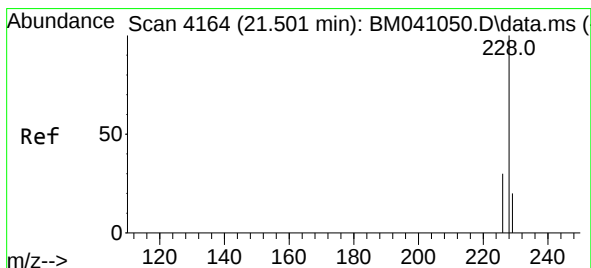
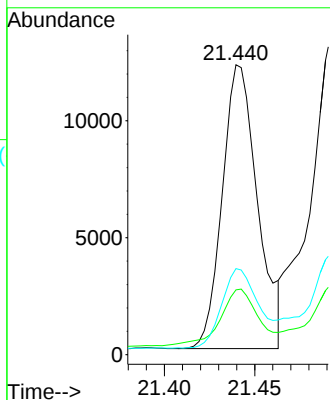
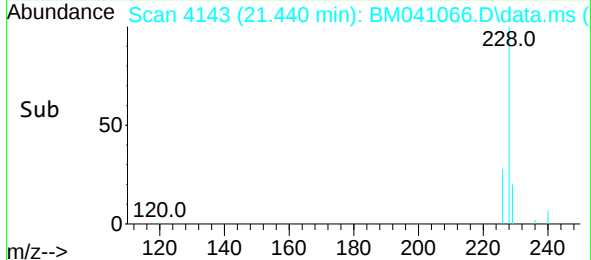
Instrument :
BNA_M
ClientSampleId :
A46R7



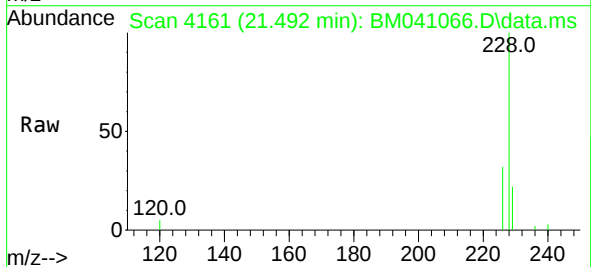
Tgt Ion:228 Resp: 1649
Ion Ratio Lower Upper
228 100
229 22.3 16.2 24.4
226 29.7 22.3 33.5

Manual Integrations
APPROVED

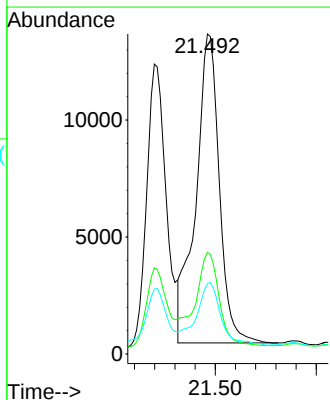
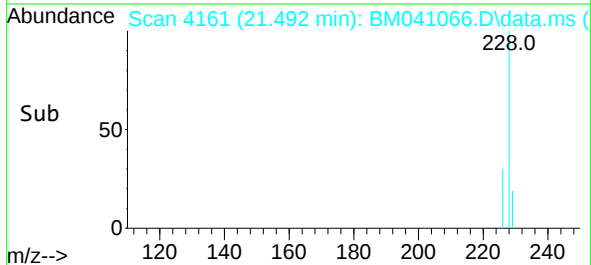
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

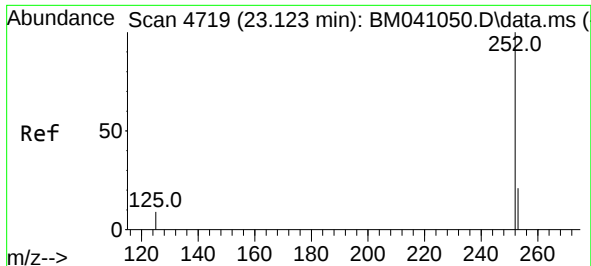


#22
Chrysene
Concen: 0.465 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.009 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31



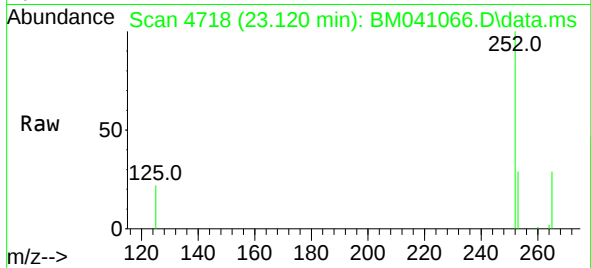
Tgt Ion:228 Resp: 21369
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 22.1 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.579 ng/ul
RT: 23.120 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

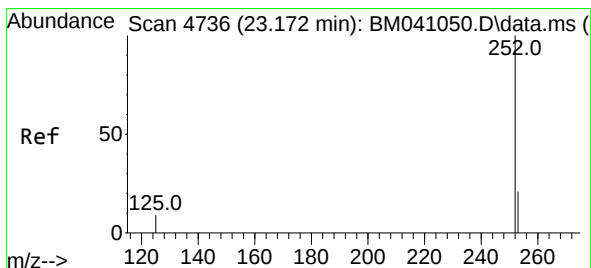
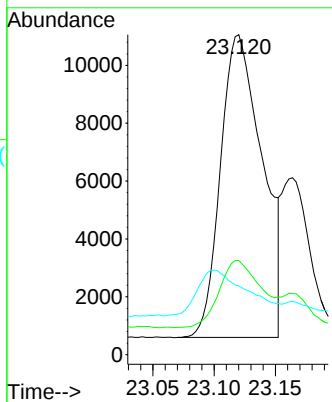
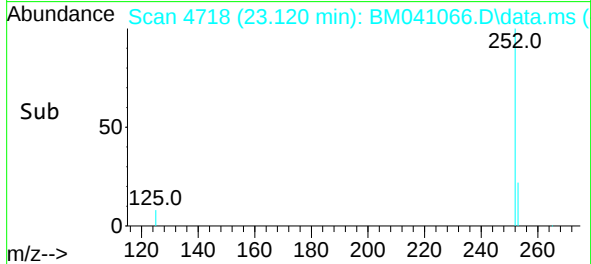
Instrument :
BNA_M
ClientSampleId :
A46R7



Tgt Ion:252 Resp: 2483
Ion Ratio Lower Upper
252 100
253 29.4 0.0 57.4
125 21.5 0.0 45.2

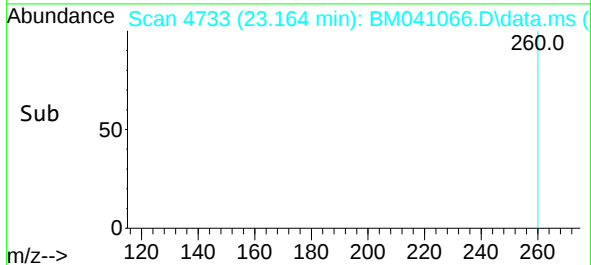
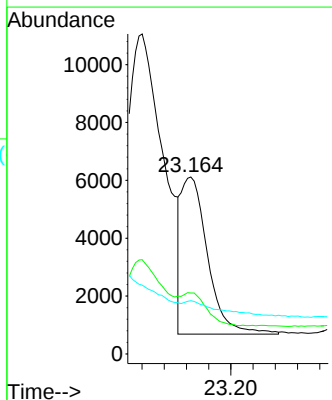
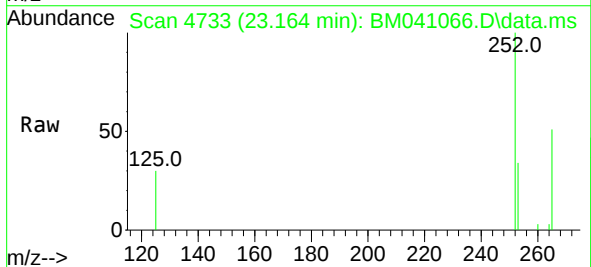
Manual Integrations
APPROVED

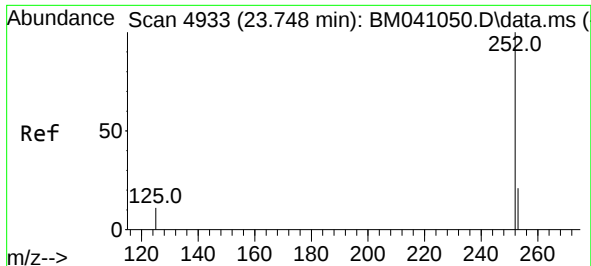
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.221 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

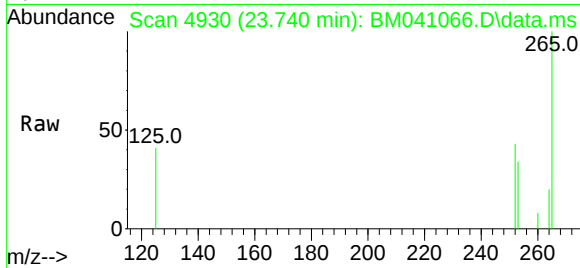
Tgt Ion:252 Resp: 8993
Ion Ratio Lower Upper
252 100
253 34.4 23.3 34.9
125 30.1 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.740 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31

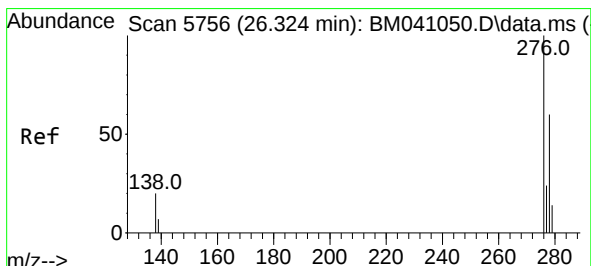
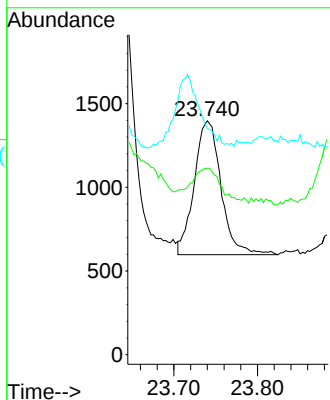
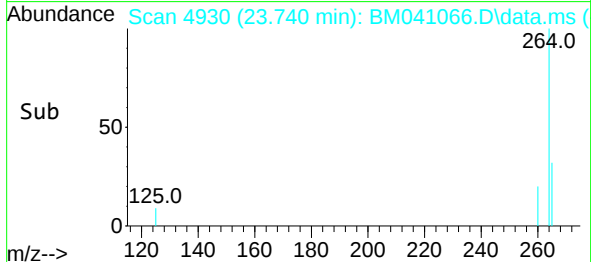
Instrument :
BNA_M
ClientSampleId :
A46R7



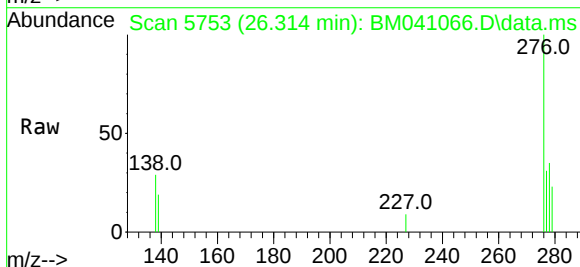
Tgt Ion:252 Resp: 1775
Ion Ratio Lower Upper
252 100
253 79.7 28.2 42.2#
125 96.6 25.2 37.8#

Manual Integrations
APPROVED

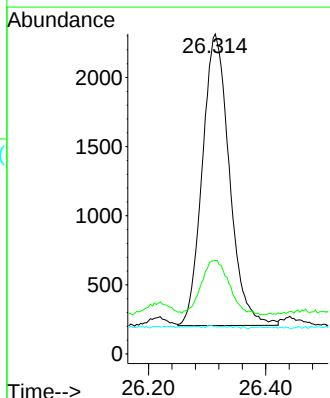
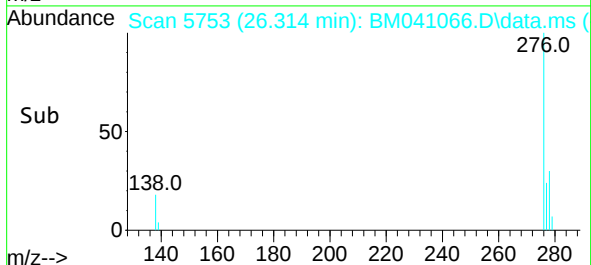
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

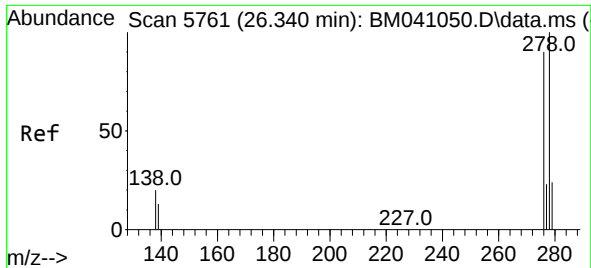


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.314 min Scan# 5753
Delta R.T. -0.013 min
Lab File: BM041066.D
Acq: 22 Jul 2023 22:31



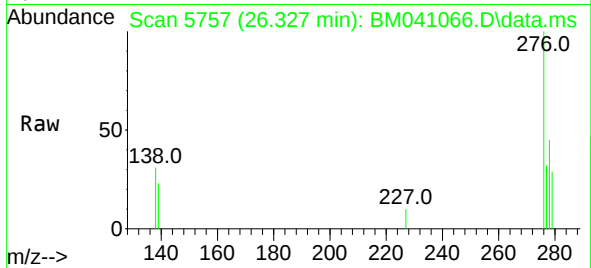
Tgt Ion:276 Resp: 6755
Ion Ratio Lower Upper
276 100
138 19.1 22.3 33.5#
227 0.4 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/ul
 RT: 26.327 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM041066.D
 Acq: 22 Jul 2023 22:31

Instrument :
 BNA_M
 ClientSampleId :
 A46R7



Tgt Ion:278 Resp: 2584
 Ion Ratio Lower Upper
 278 100
 139 51.0 19.2 28.8
 279 64.5 27.0 40.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

