

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046676.D
 Acq On : 17 Jul 2024 18:52
 Operator : MA/JU
 Sample : P3177-11DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 23:01:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	2355	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.255	136	6298	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.137	164	4130	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.892	188	8944	0.400	ng/ul	0.00
17) Chrysene-d12	21.099	240	7644	0.400	ng/ul	0.00
23) Perylene-d12	23.235	264	9192	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1155	0.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	450	0.044	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	1021	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.854	152	682	0.036	ng/ul#	79
11) Acenaphthene	14.201	153	252	0.020	ng/ul#	90
12) Fluorene	15.196	166	317	0.020	ng/ul#	84
15) Phenanthrene	16.934	178	5496	0.215	ng/ul	99
16) Anthracene	17.023	178	1088	0.044	ng/ul#	80
19) Fluoranthene	18.960	202	10074	0.321	ng/ul#	98
20) Pyrene	19.323	202	10144	0.298	ng/ul#	97
21) Benzo(a)anthracene	21.084	228	4868	0.144	ng/ul#	88
22) Chrysene	21.134	228	5751	0.176	ng/ul#	91
24) Benzo(b)fluoranthene	22.604	252	8582m	0.234	ng/ul	
25) Benzo(k)fluoranthene	22.642	252	3232m	0.090	ng/ul	
26) Benzo(a)pyrene	23.142	252	6121	0.203	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.353	276	5165	0.112	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.359	278	1306	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	25.990	276	5741	0.156	ng/ul#	89

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

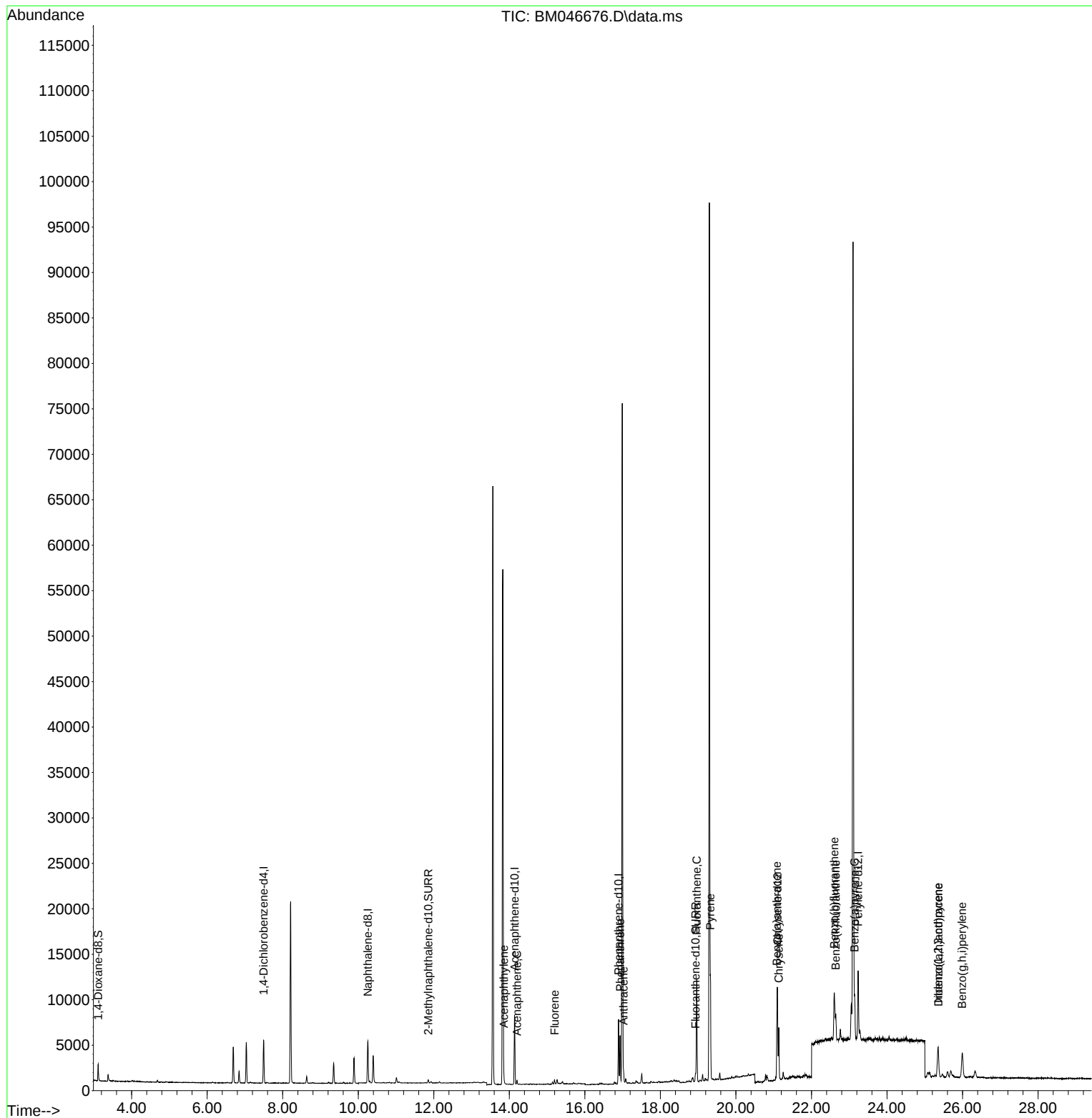
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046676.D
Acq On : 17 Jul 2024 18:52
Operator : MA/JU
Sample : P3177-11DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

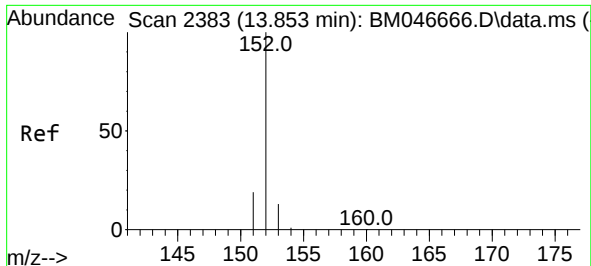
Instrument :
BNA_M
ClientSampleId :
A4BX4DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

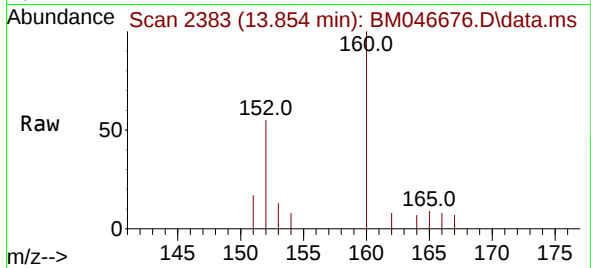
Quant Time: Jul 17 23:01:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.036 ng/u1
RT: 13.854 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

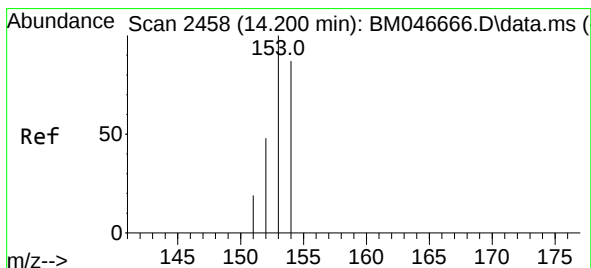
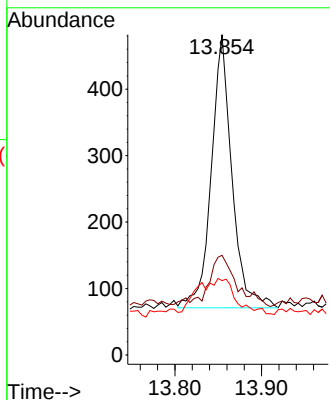
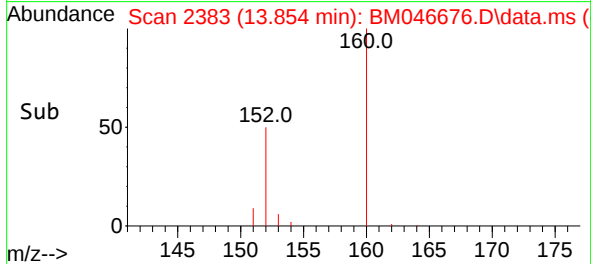
Instrument :
BNA_M
ClientSampleId :
A4BX4DL



Tgt Ion:152 Resp: 68
Ion Ratio Lower Upper
152 100
151 31.1 16.4 24.6
153 23.2 12.4 18.6

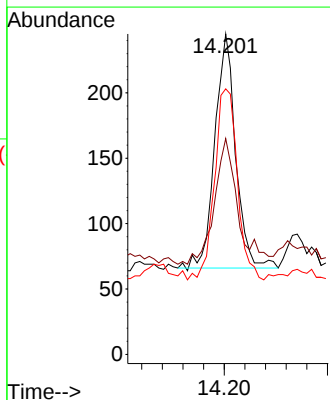
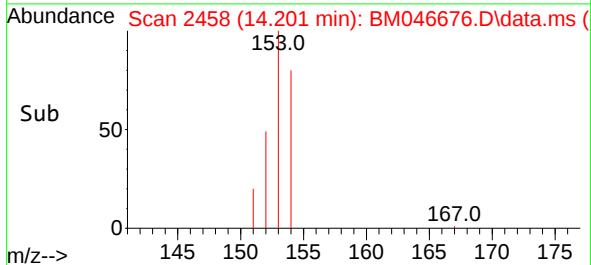
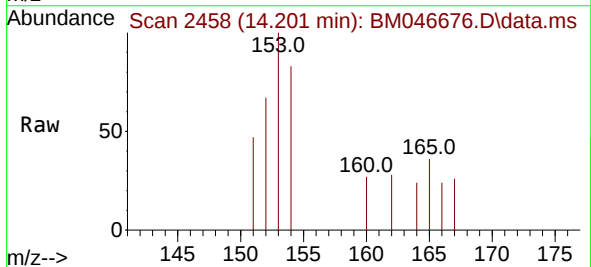
Manual Integrations
APPROVED

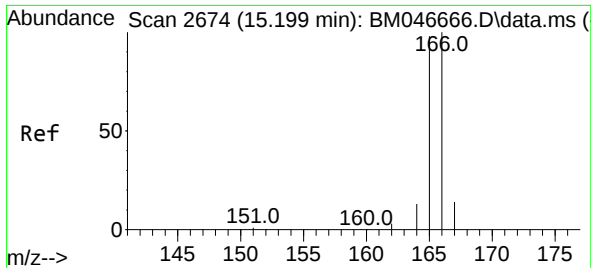
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.020 ng/u1
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

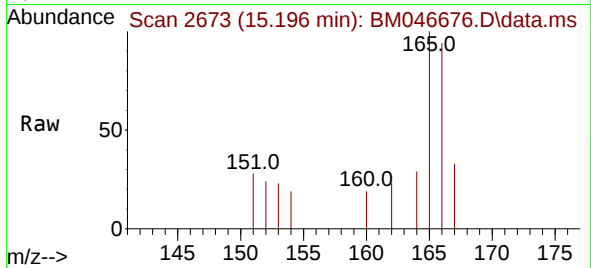
Tgt Ion:153 Resp: 252
Ion Ratio Lower Upper
153 100
152 67.3 43.0 64.6
154 82.9 69.9 104.9





#12
Fluorene
Concen: 0.020 ng/uI
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

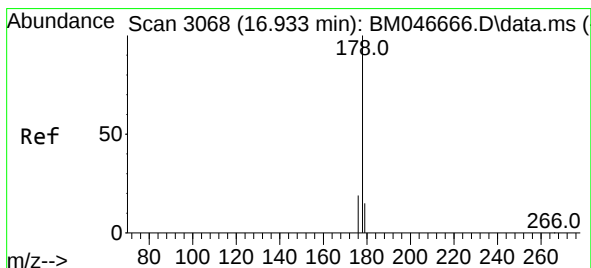
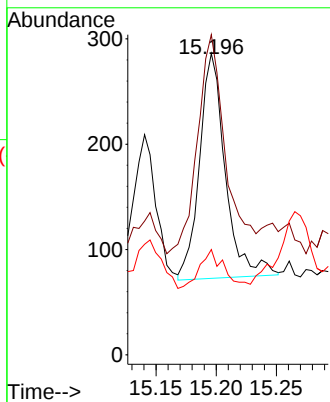
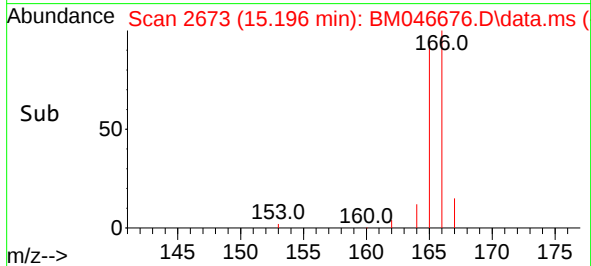
Instrument :
BNA_M
ClientSampleId :
A4BX4DL



Tgt Ion:166 Resp: 317
Ion Ratio Lower Upper
166 100
165 106.3 76.1 114.1
167 35.0 12.5 18.7

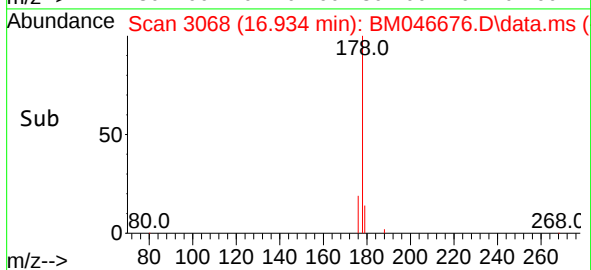
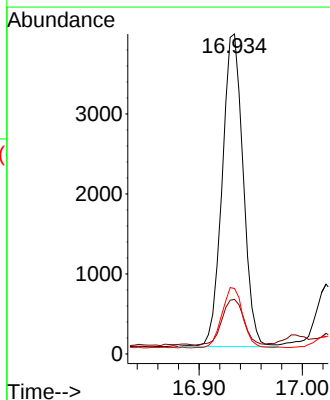
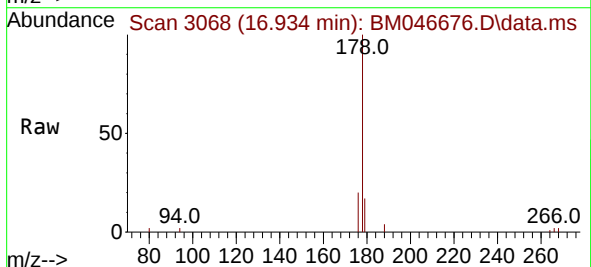
Manual Integrations
APPROVED

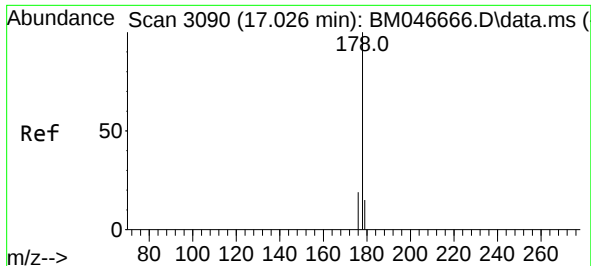
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 0.215 ng/uI
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

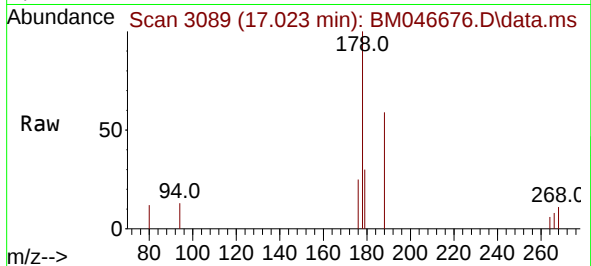
Tgt Ion:178 Resp: 5496
Ion Ratio Lower Upper
178 100
179 17.1 13.1 19.7
176 20.5 16.0 24.0





#16
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.023 min Scan# 3090
 Delta R.T. -0.009 min
 Lab File: BM046676.D
 Acq: 17 Jul 2024 18:52

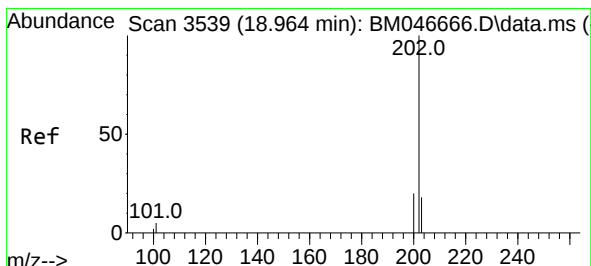
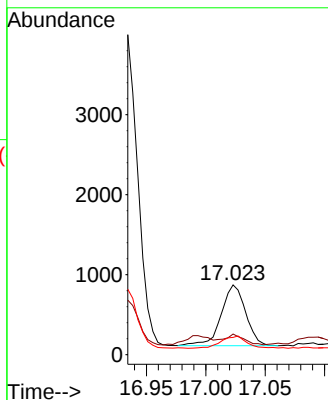
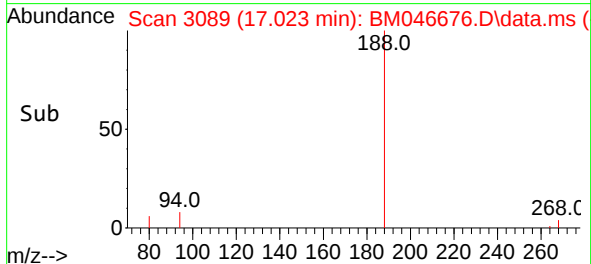
Instrument :
 BNA_M
 ClientSampleId :
 A4BX4DL



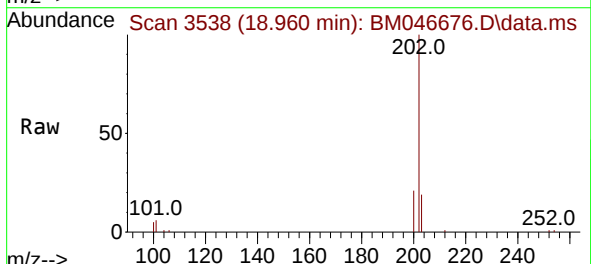
Tgt Ion:178 Resp: 1088
 Ion Ratio Lower Upper
 178 100
 179 29.6 13.5 20.3
 176 24.9 15.7 23.5

Manual Integrations
 APPROVED

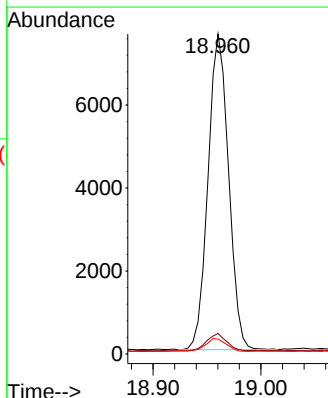
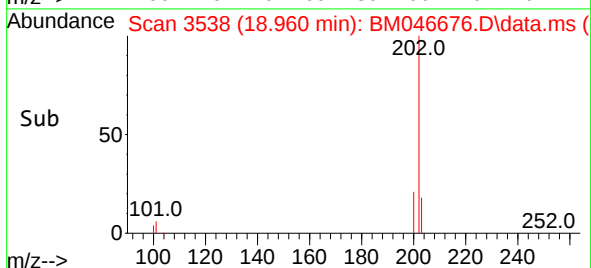
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

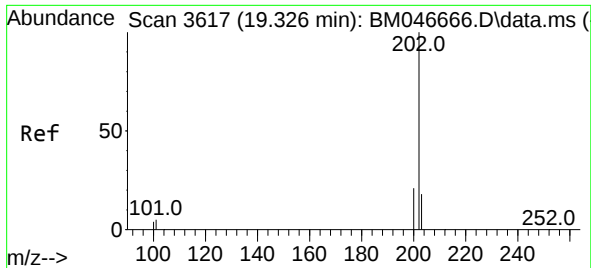


#19
 Fluoranthene
 Concen: 0.321 ng/ul
 RT: 18.960 min Scan# 3538
 Delta R.T. -0.010 min
 Lab File: BM046676.D
 Acq: 17 Jul 2024 18:52



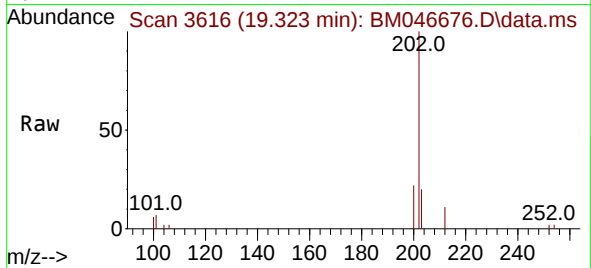
Tgt Ion:202 Resp: 10074
 Ion Ratio Lower Upper
 202 100
 101 6.4 4.6 6.8
 100 4.7 3.0 4.6





#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.323 min Scan# 3014
Delta R.T. -0.010 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

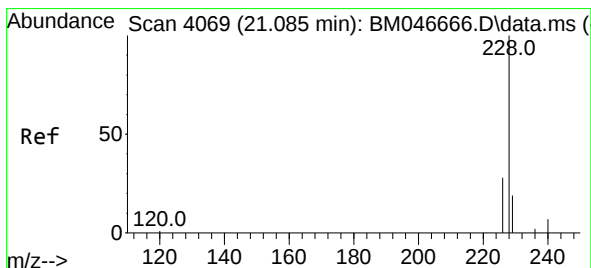
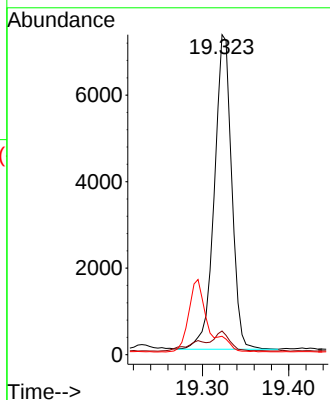
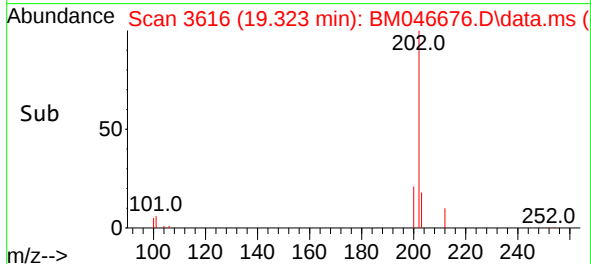
Instrument :
BNA_M
ClientSampleId :
A4BX4DL



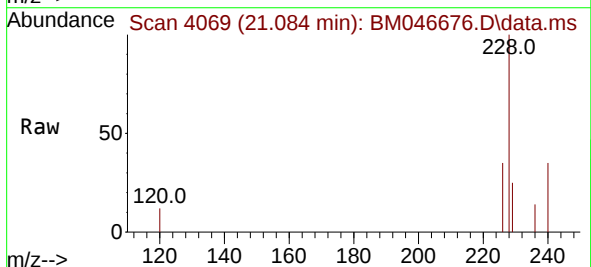
Tgt Ion:202 Resp: 10144
Ion Ratio Lower Upper
202 100
101 7.4 5.1 7.7
100 5.7 3.8 5.6

Manual Integrations
APPROVED

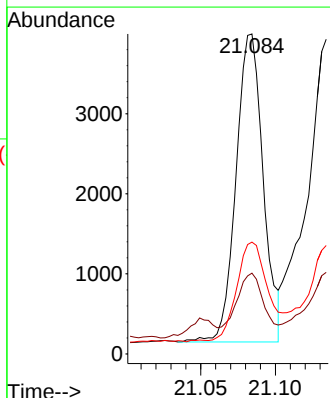
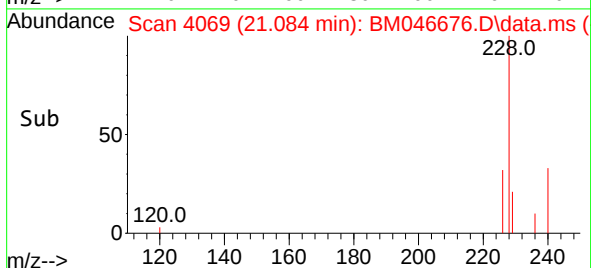
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

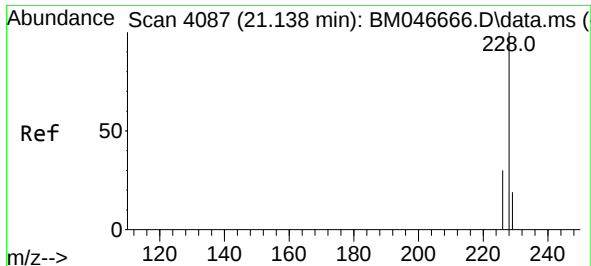


#21
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52



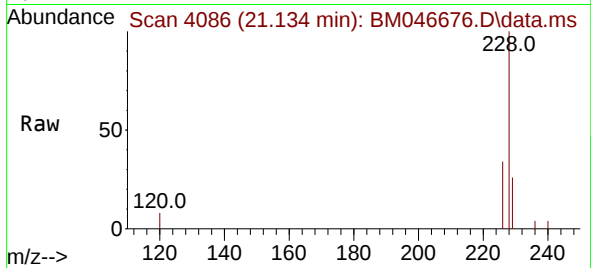
Tgt Ion:228 Resp: 4868
Ion Ratio Lower Upper
228 100
229 25.2 16.5 24.7#
226 35.0 22.5 33.7#





#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.006 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

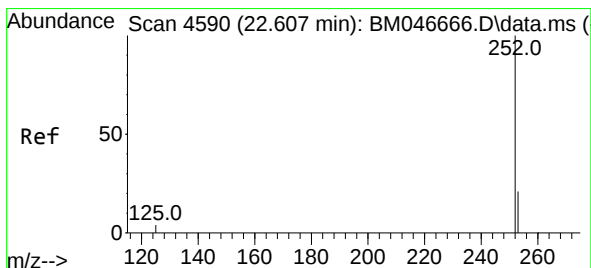
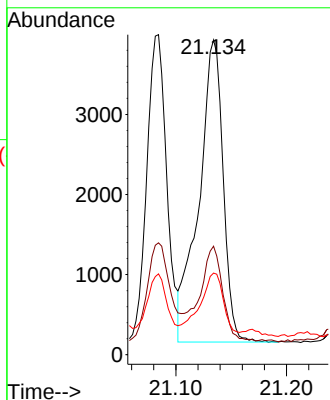
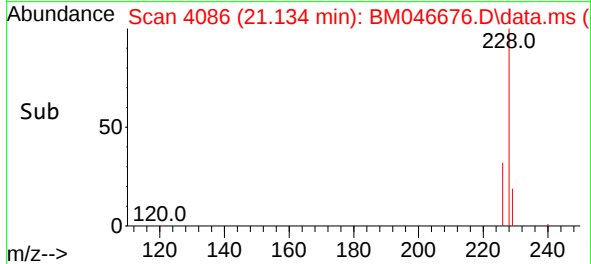
Instrument :
BNA_M
ClientSampleId :
A4BX4DL



Tgt Ion:228 Resp: 575
Ion Ratio Lower Upper
228 100
226 34.5 24.3 36.5
229 25.9 16.4 24.6

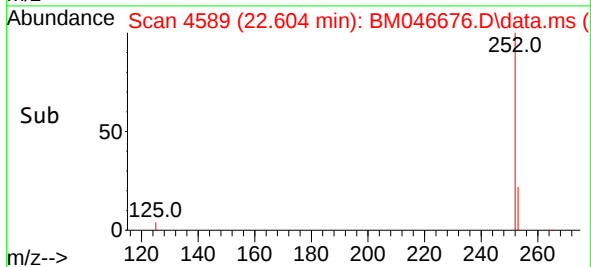
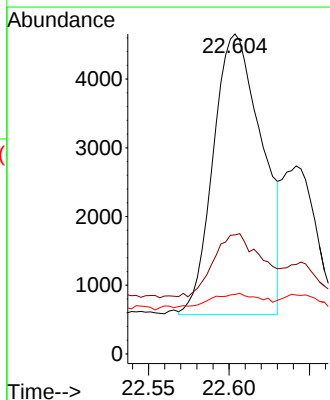
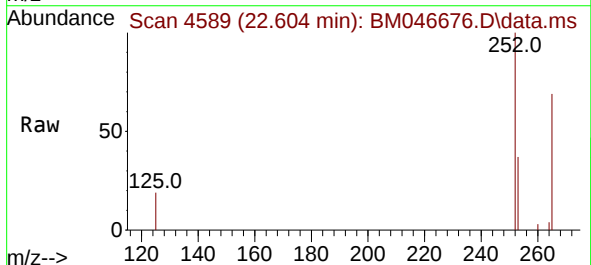
Manual Integrations
APPROVED

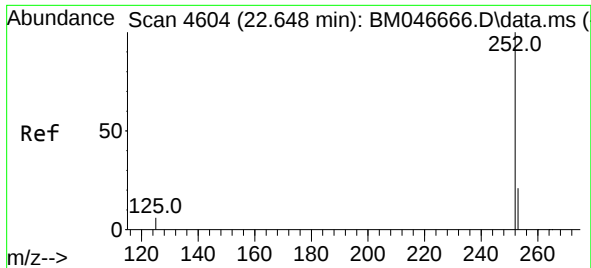
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.604 min Scan# 4589
Delta R.T. -0.006 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

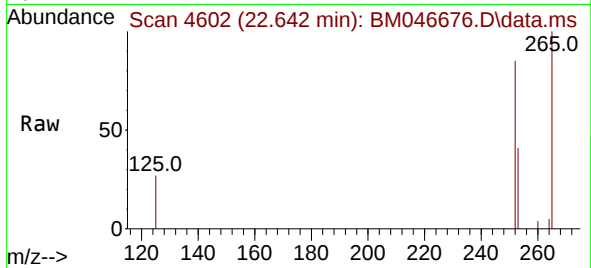
Tgt Ion:252 Resp: 8582
Ion Ratio Lower Upper
252 100
253 37.2 0.0 56.2
125 18.6 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.009 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52

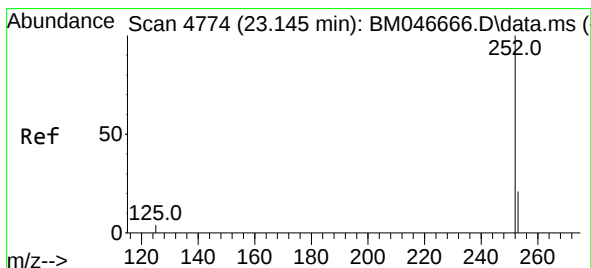
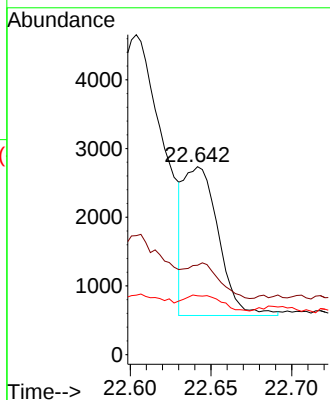
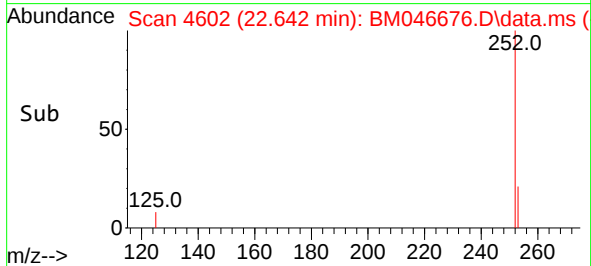
Instrument :
BNA_M
ClientSampleId :
A4BX4DL



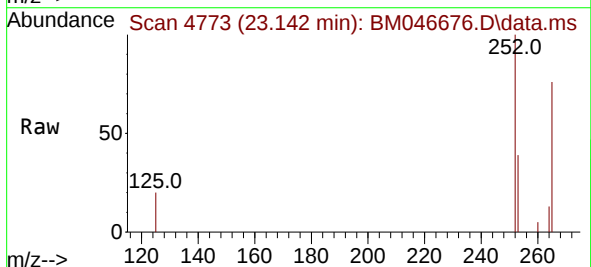
Tgt Ion:252 Resp: 323
Ion Ratio Lower Upper
252 100
253 47.6 22.4 33.6
125 31.3 7.0 10.4

Manual Integrations
APPROVED

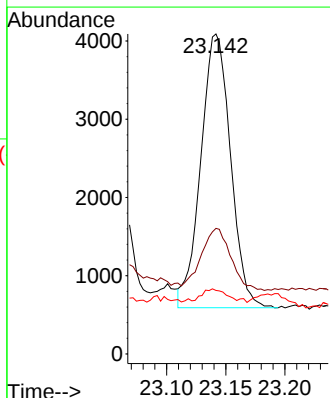
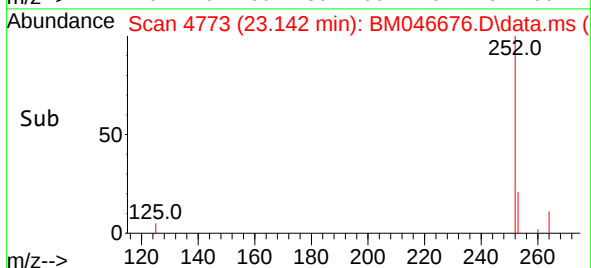
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

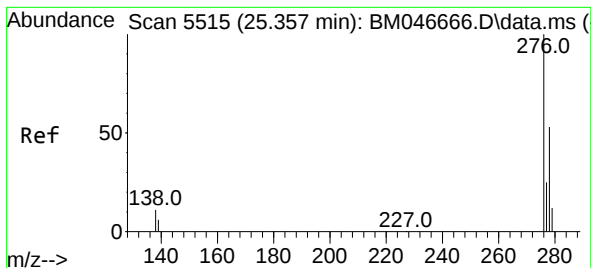


#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.009 min
Lab File: BM046676.D
Acq: 17 Jul 2024 18:52



Tgt Ion:252 Resp: 6121
Ion Ratio Lower Upper
252 100
253 39.3 24.0 36.0#
125 19.9 8.2 12.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.112 ng/ul

RT: 25.353 min Scan# 5515

Delta R.T. -0.007 min

Lab File: BM046676.D

Acq: 17 Jul 2024 18:52

Instrument :

BNA_M

ClientSampleId :

A4BX4DL

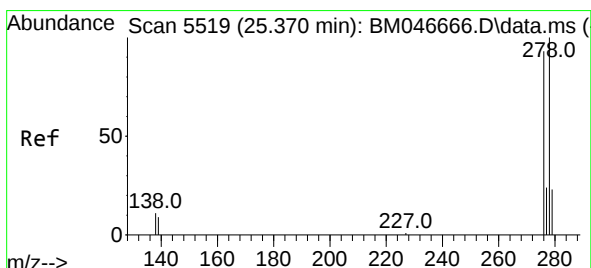
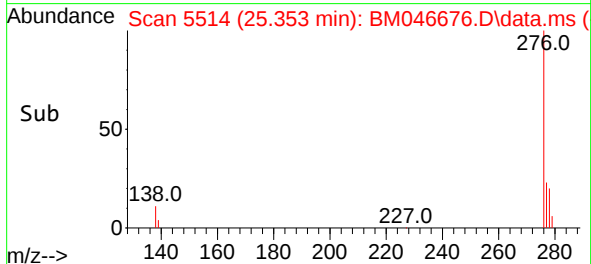
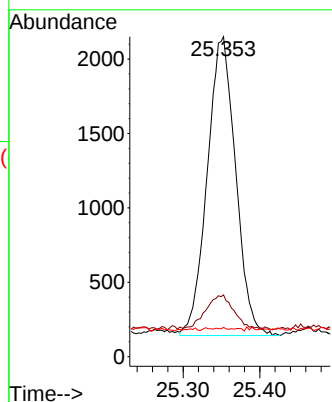
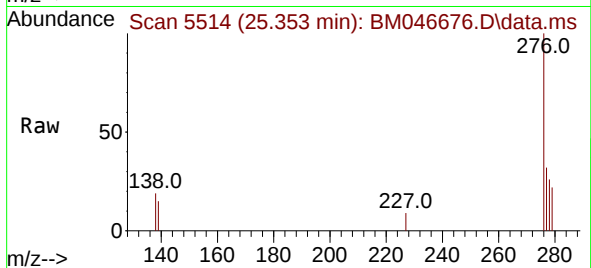
Tgt Ion:	276	Resp:	516
Ion Ratio	Lower	Upper	
276	100		
138	11.8	0.0	0.0
227	0.7	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

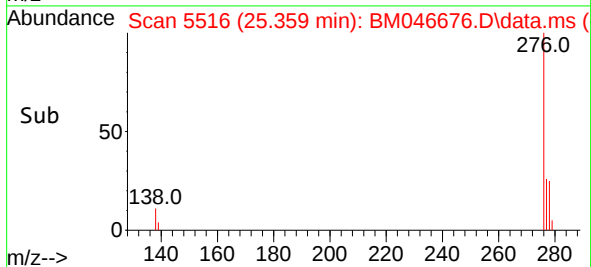
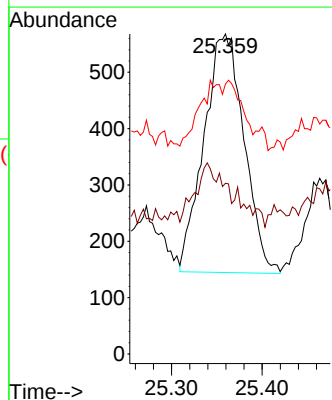
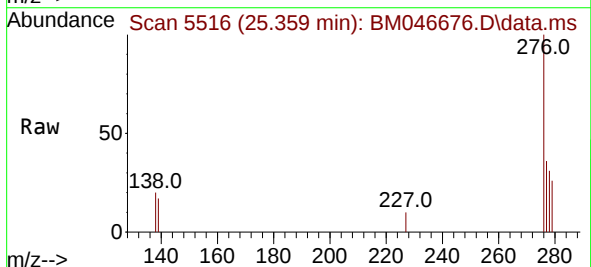
RT: 25.359 min Scan# 5516

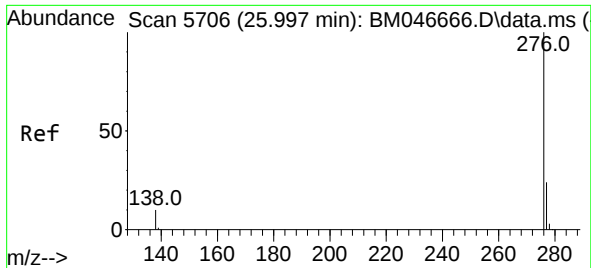
Delta R.T. -0.024 min

Lab File: BM046676.D

Acq: 17 Jul 2024 18:52

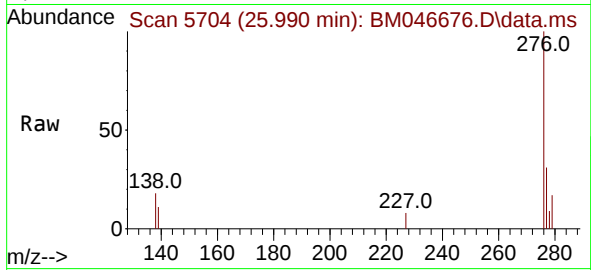
Tgt Ion:	278	Resp:	1306
Ion Ratio	Lower	Upper	
278	100		
139	53.3	9.1	13.7#
279	84.3	23.2	34.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.156 ng/ul
 RT: 25.990 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM046676.D
 Acq: 17 Jul 2024 18:52

Instrument :
 BNA_M
 ClientSampleId :
 A4BX4DL



Tgt Ion:276 Resp: 574
 Ion Ratio Lower Upper
 276 100
 138 18.2 10.2 15.4
 277 31.2 20.9 31.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

