

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046611.D
 Acq On : 16 Jul 2024 00:23
 Operator : MA/JU
 Sample : P3087-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:59:43 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	7.502	152	2859	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7722	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	5252	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	11892m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	10053	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	10969	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	7026	2.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.861	152	2819	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7337	0.240	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	739	0.038	ng/ul#	82
10) Acenaphthylene	13.864	152	1696	0.071	ng/ul#	92
11) Acenaphthene	14.211	153	579	0.036	ng/ul	98
12) Fluorene	15.201	166	914	0.046	ng/ul#	90
15) Phenanthrene	16.939	178	21450	0.632	ng/ul	100
16) Anthracene	17.032	178	4005	0.121	ng/ul	96
19) Fluoranthene	18.970	202	46823	1.134	ng/ul	99
20) Pyrene	19.332	202	39153	0.876	ng/ul	100
21) Benzo(a)anthracene	21.090	228	19857	0.446	ng/ul	96
22) Chrysene	21.140	228	22024	0.512	ng/ul	99
24) Benzo(b)fluoranthene	22.610	252	30274m	0.691	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	10734m	0.250	ng/ul	
26) Benzo(a)pyrene	23.154	252	18178	0.504	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.360	276	15025	0.274	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	3685	0.085	ng/ul#	56
29) Benzo(g,h,i)perylene	26.007	276	14577	0.333	ng/ul	99

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

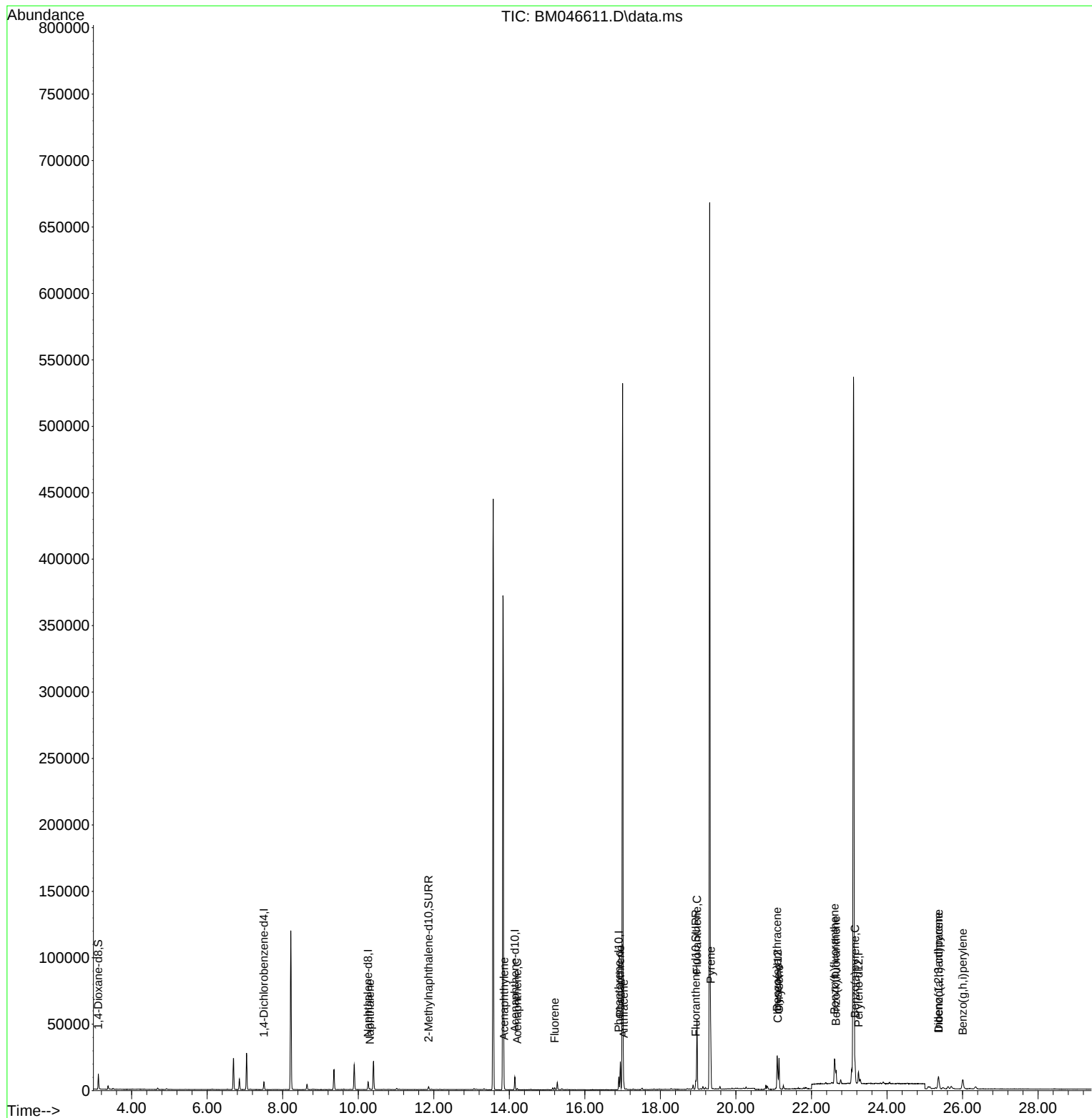
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046611.D
Acq On : 16 Jul 2024 00:23
Operator : MA/JU
Sample : P3087-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

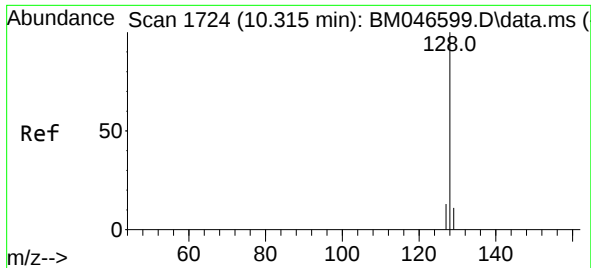
Instrument :
BNA_M
ClientSampleId :
A4CB4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

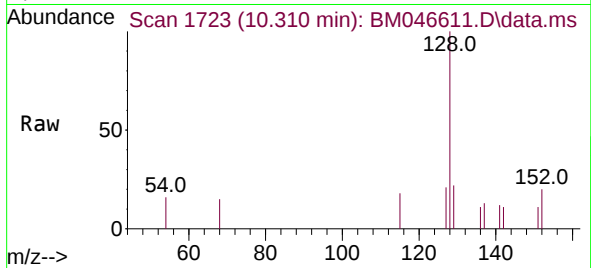
Quant Time: Jul 16 00:59:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

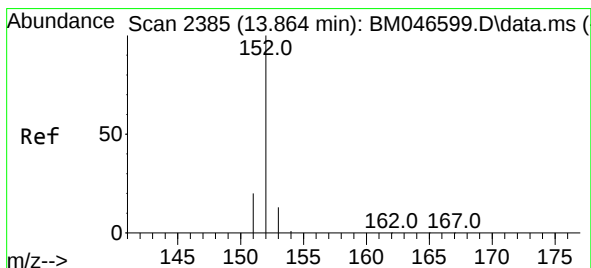
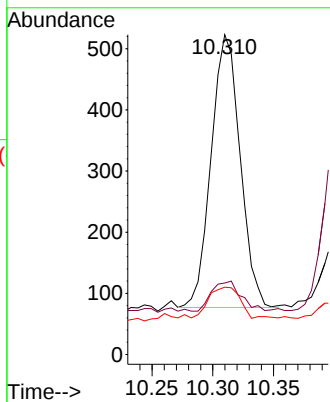
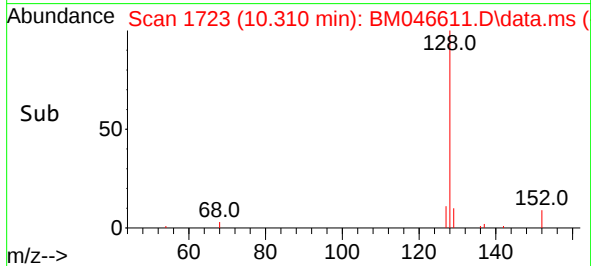
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:128 Resp: 739
Ion Ratio Lower Upper
128 100
129 22.4 10.3 15.5
127 21.0 12.2 18.4

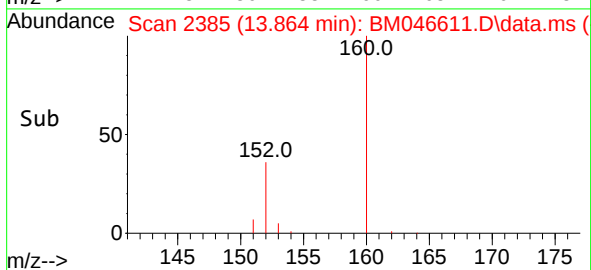
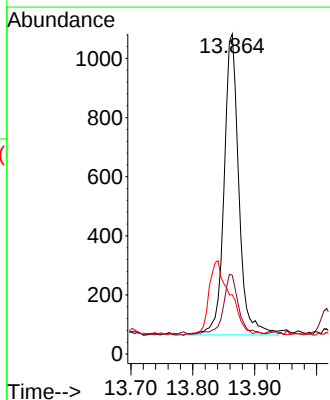
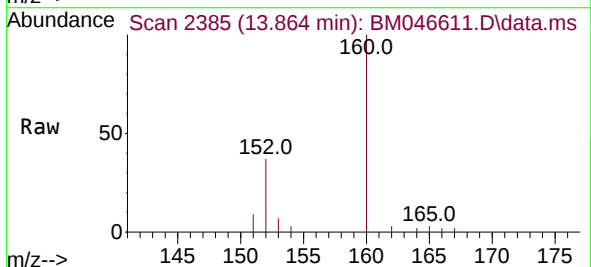
Manual Integrations
APPROVED

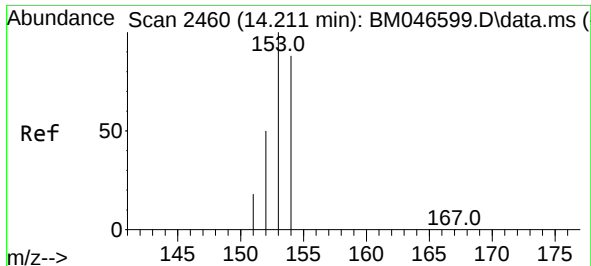
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

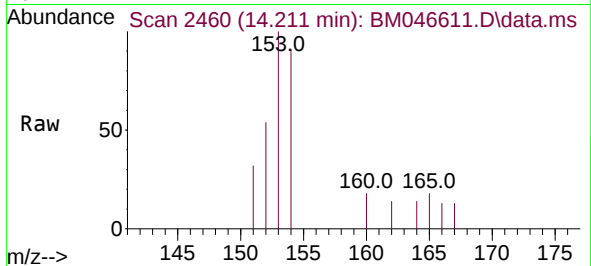
Tgt Ion:152 Resp: 1696
Ion Ratio Lower Upper
152 100
151 24.7 16.4 24.6
153 18.6 12.4 18.6





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

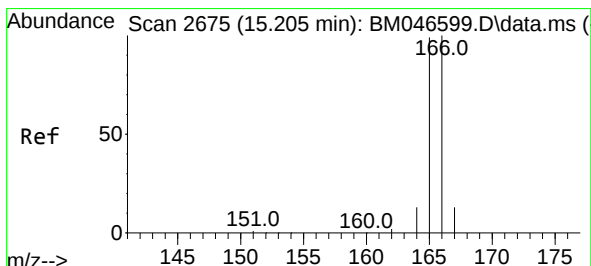
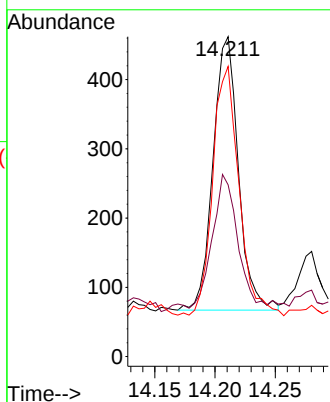
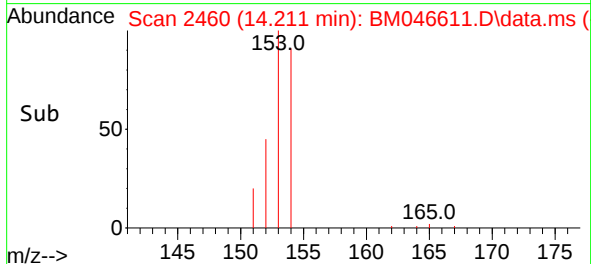
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:153 Resp: 579
Ion Ratio Lower Upper
153 100
152 53.7 43.0 64.6
154 90.7 69.9 104.9

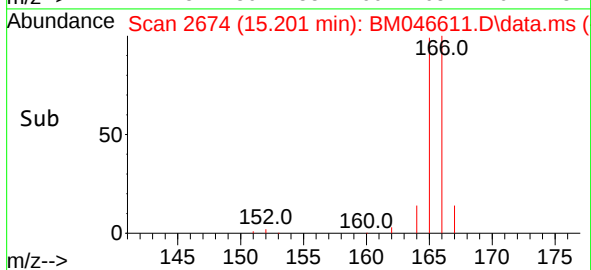
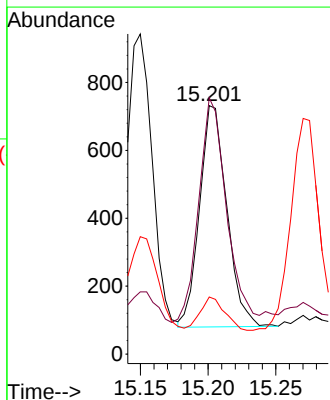
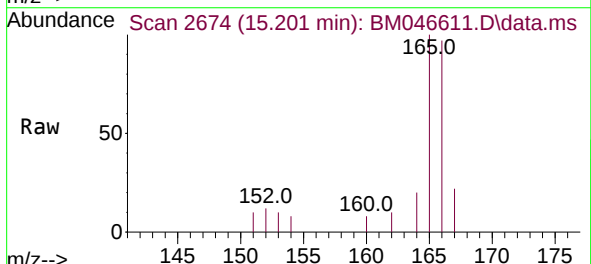
Manual Integrations
APPROVED

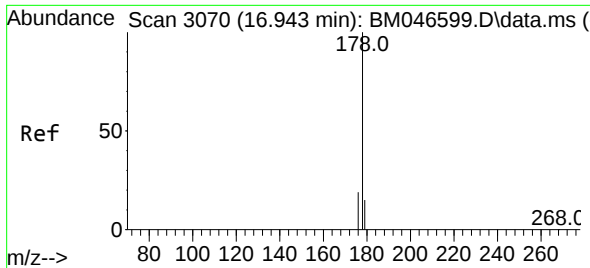
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

Tgt Ion:166 Resp: 914
Ion Ratio Lower Upper
166 100
165 103.1 76.1 114.1
167 23.0 12.5 18.7#





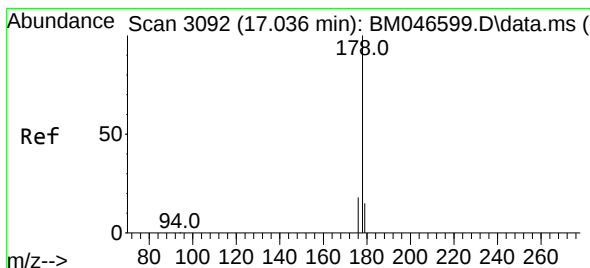
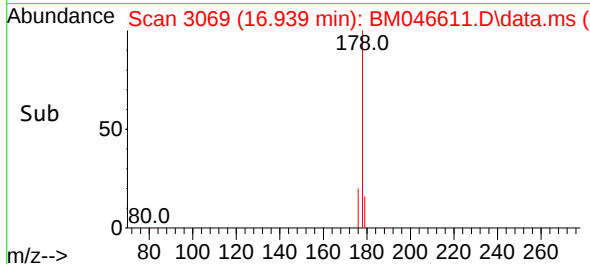
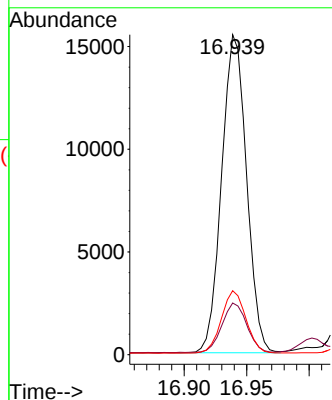
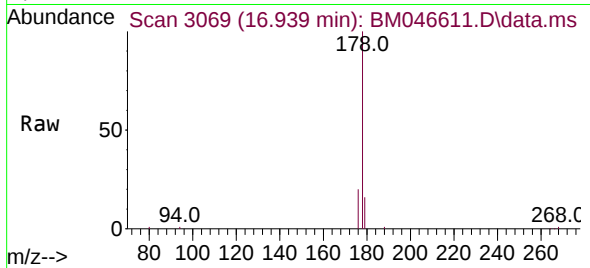
#15
Phenanthrene
Concen: 0.632 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.004 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

Instrument :
BNA_M
ClientSampleId :
A4CB4

Tgt Ion:178 Resp: 21450
Ion Ratio Lower Upper
178 100
179 16.2 13.1 19.7
176 20.0 16.0 24.0

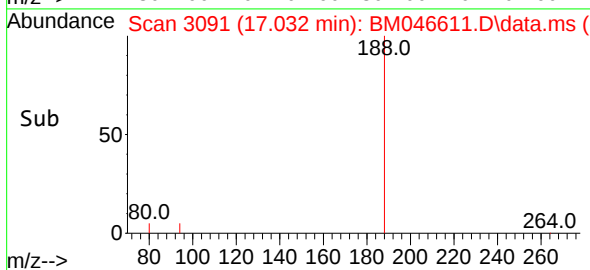
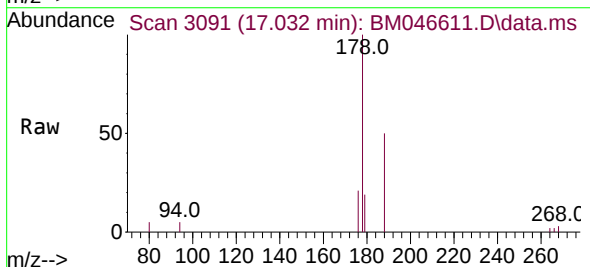
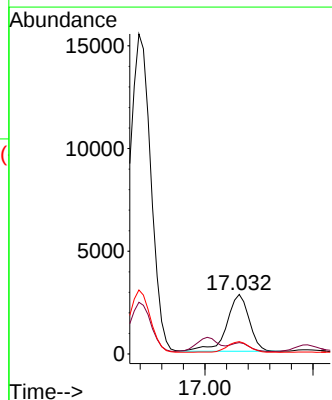
Manual Integrations
APPROVED

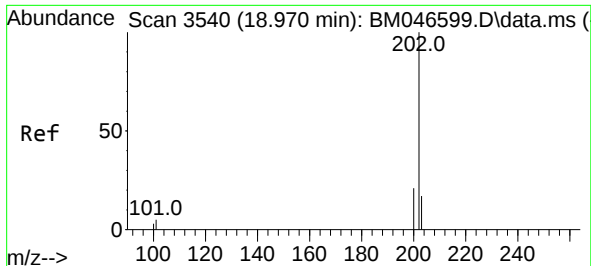
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#16
Anthracene
Concen: 0.121 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

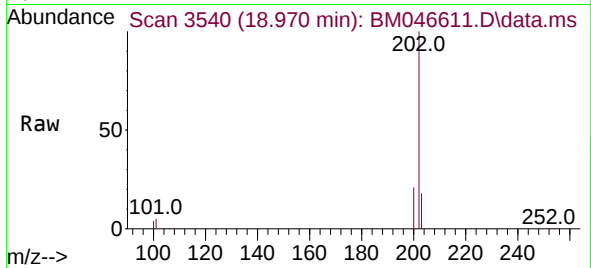
Tgt Ion:178 Resp: 4005
Ion Ratio Lower Upper
178 100
179 19.2 13.5 20.3
176 20.8 15.7 23.5





#19
Fluoranthene
Concen: 1.134 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

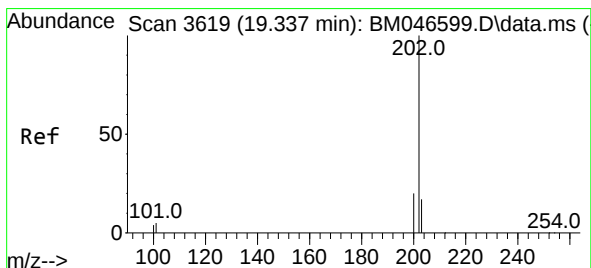
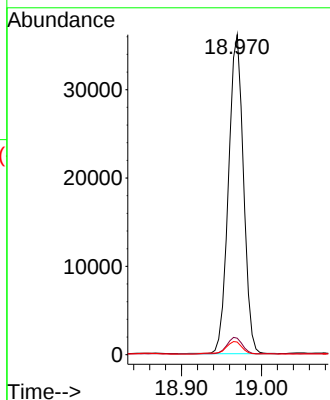
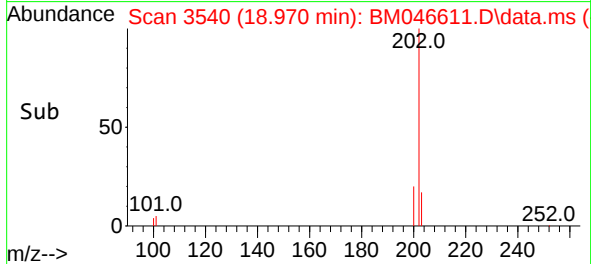
Instrument :
BNA_M
ClientSampleId :
A4CB4



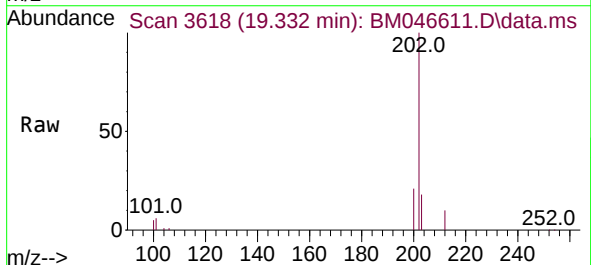
Tgt Ion:202 Resp: 4682
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.0 3.0 4.6

Manual Integrations
APPROVED

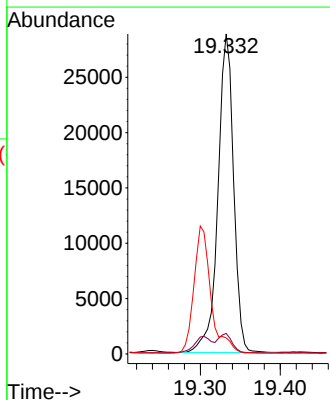
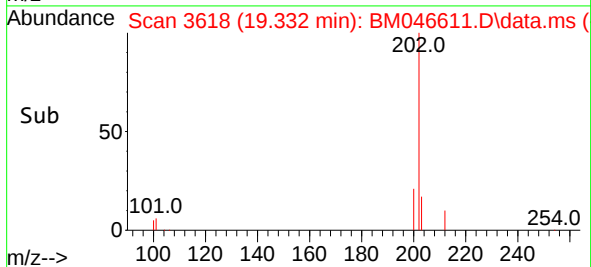
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

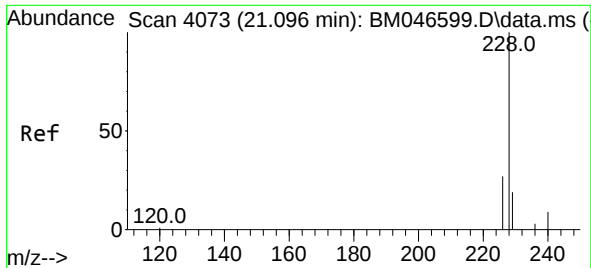


#20
Pyrene
Concen: 0.876 ng/u1
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23



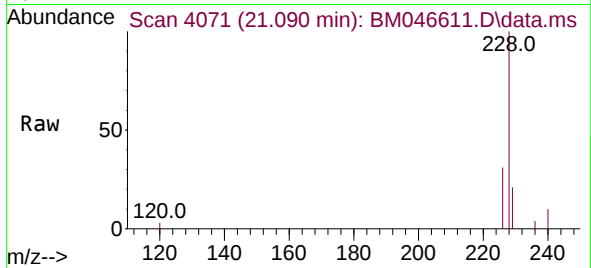
Tgt Ion:202 Resp: 39153
Ion Ratio Lower Upper
202 100
101 6.4 5.1 7.7
100 5.0 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.003 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

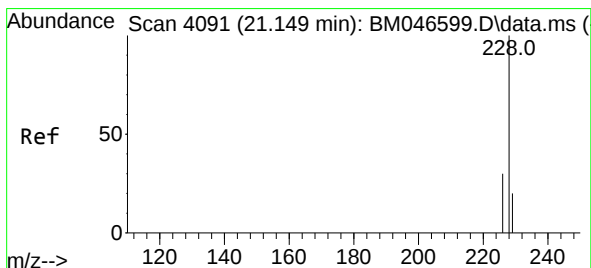
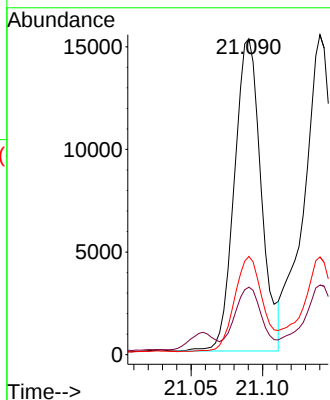
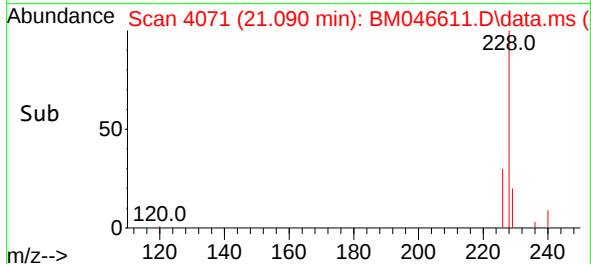
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:228 Resp: 1985
Ion Ratio Lower Upper
228 100
229 21.4 16.5 24.7
226 31.1 22.5 33.7

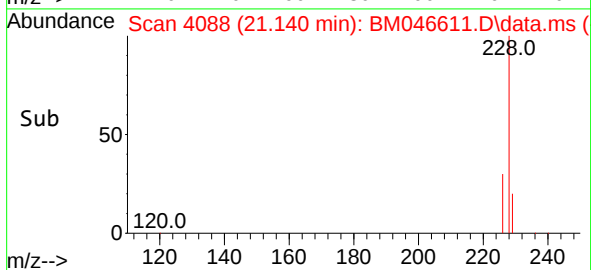
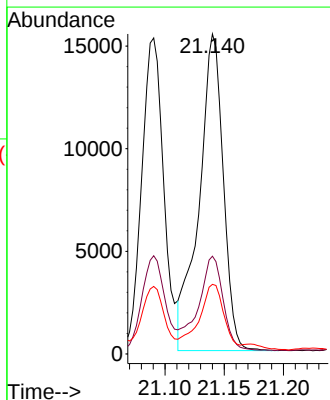
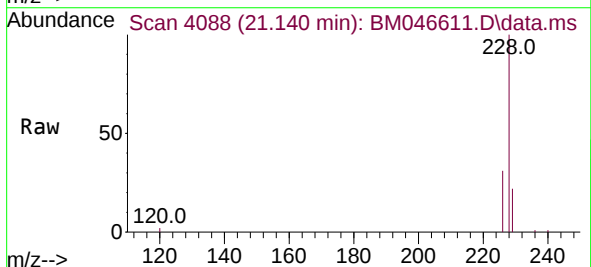
Manual Integrations
APPROVED

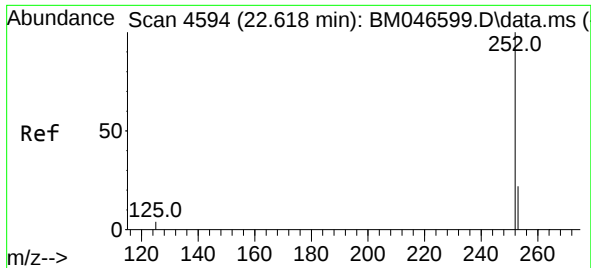
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.512 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

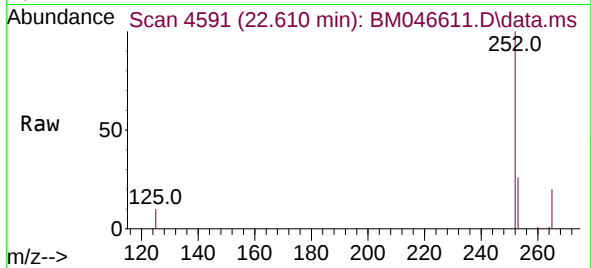
Tgt Ion:228 Resp: 22024
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.691 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

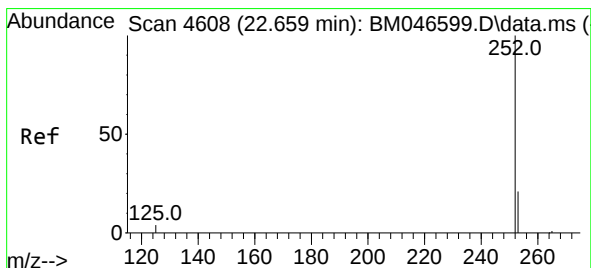
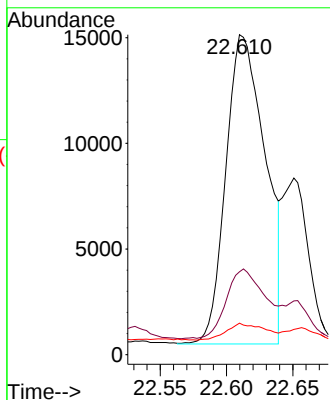
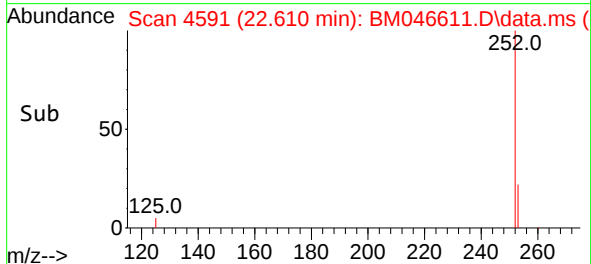
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:252 Resp: 30274
Ion Ratio Lower Upper
252 100
253 25.9 0.0 56.2
125 9.8 0.0 17.8

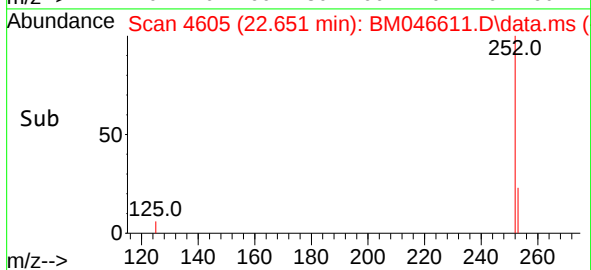
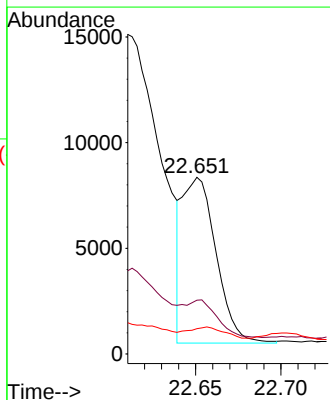
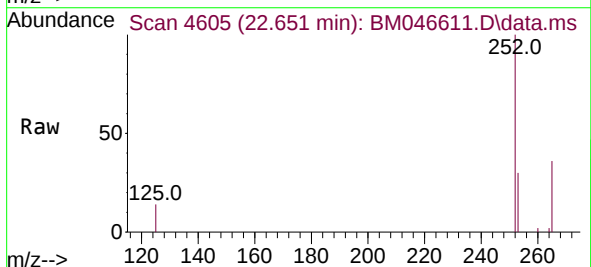
Manual Integrations
APPROVED

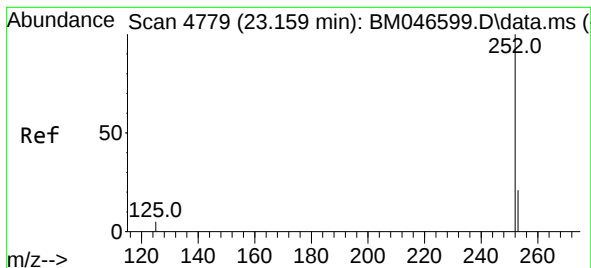
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.250 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.000 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

Tgt Ion:252 Resp: 10734
Ion Ratio Lower Upper
252 100
253 30.4 22.4 33.6
125 14.3 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.504 ng/ul

RT: 23.154 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM046611.D

Acq: 16 Jul 2024 00:23

Instrument :

BNA_M

ClientSampleId :

A4CB4

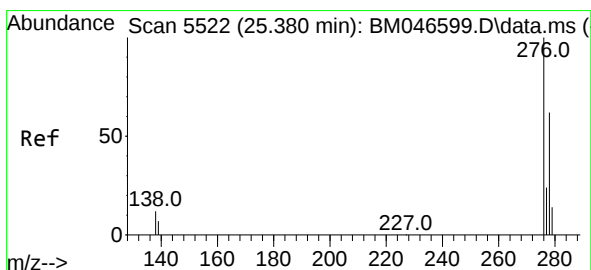
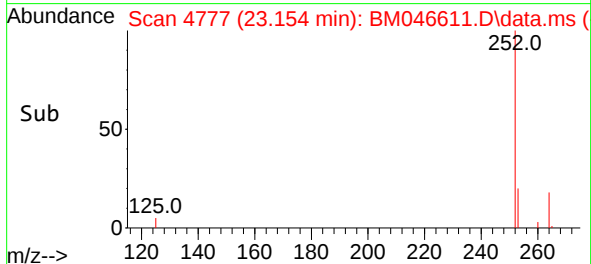
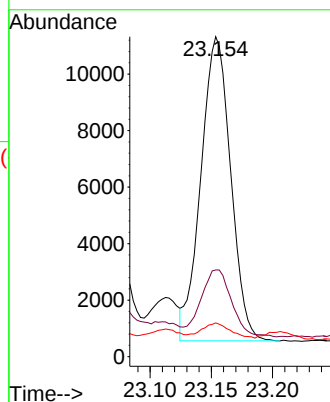
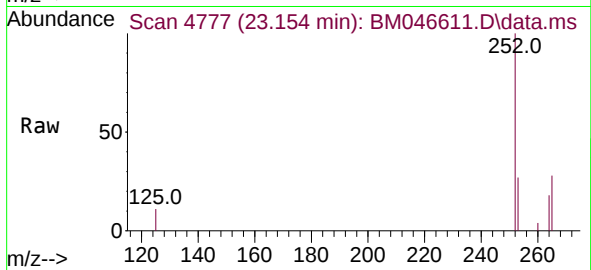
Tgt Ion:	252	Resp:	18178
Ion Ratio	Lower	Upper	
252	100		
253	27.1	24.0	36.0
125	10.6	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/16/2024

Supervised By :mohammad ahmed 07/18/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.274 ng/ul

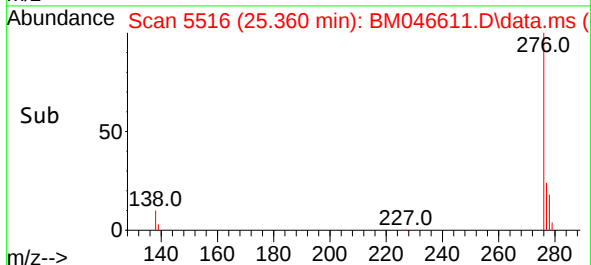
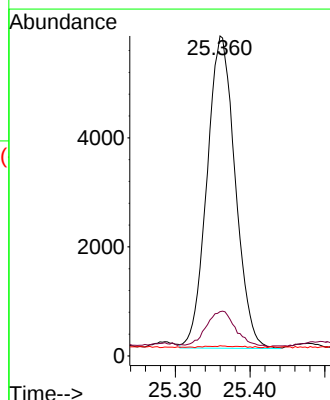
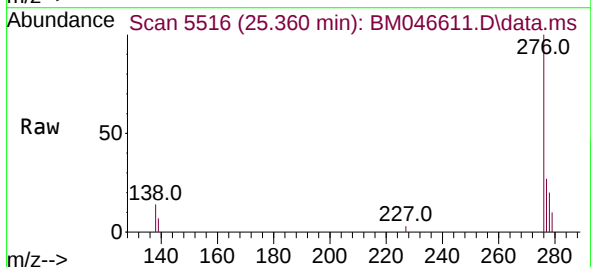
RT: 25.360 min Scan# 5516

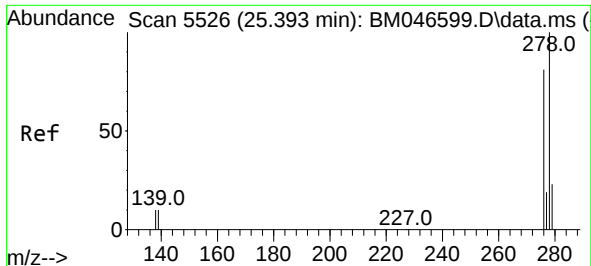
Delta R.T. -0.000 min

Lab File: BM046611.D

Acq: 16 Jul 2024 00:23

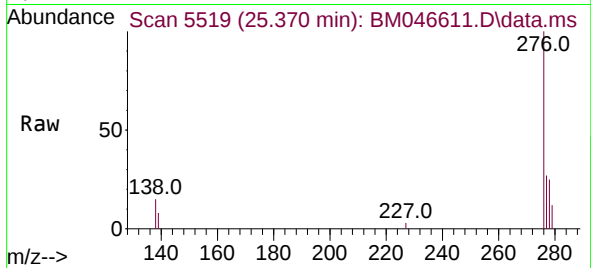
Tgt Ion:	276	Resp:	15025
Ion Ratio	Lower	Upper	
276	100		
138	11.9	0.0	0.0#
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.370 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

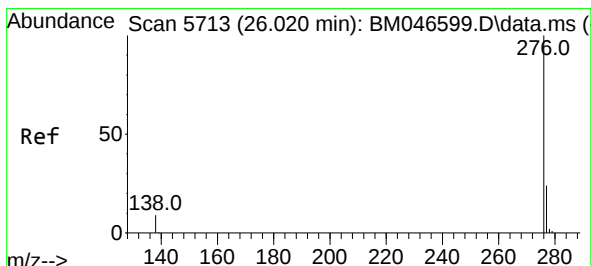
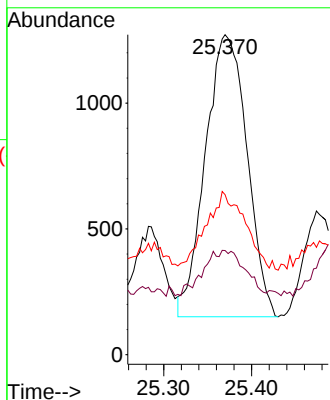
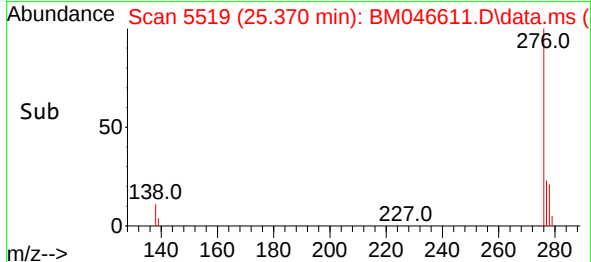
Instrument :
BNA_M
ClientSampleId :
A4CB4



Tgt Ion:278 Resp: 368
Ion Ratio Lower Upper
278 100
139 32.5 9.1 13.7
279 50.0 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046611.D
Acq: 16 Jul 2024 00:23

Tgt Ion:276 Resp: 14577
Ion Ratio Lower Upper
276 100
138 13.2 10.2 15.4
277 26.8 20.9 31.3

