

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046670.D
 Acq On : 17 Jul 2024 15:07
 Operator : MA/JU
 Sample : P3177-07DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 16:03:29 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	7.497	152	2850	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	7672	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5186	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	11410	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	9780	0.400	ng/ul	0.00
23) Perylene-d12	23.238	264	10987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1723	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	736	0.059	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	1850	0.062	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.299	128	682	0.035	ng/ul#	79
10) Acenaphthylene	13.854	152	988	0.042	ng/ul#	81
11) Acenaphthene	14.201	153	1299	0.082	ng/ul	96
12) Fluorene	15.196	166	1633	0.083	ng/ul	93
15) Phenanthrene	16.934	178	25775	0.792	ng/ul	98
16) Anthracene	17.023	178	5378	0.169	ng/ul	98
19) Fluoranthene	18.960	202	55711	1.387	ng/ul	99
20) Pyrene	19.327	202	33305	0.766	ng/ul	99
21) Benzo(a)anthracene	21.087	228	25613	0.592	ng/ul	98
22) Chrysene	21.137	228	27265	0.651	ng/ul	98
24) Benzo(b)fluoranthene	22.610	252	38783m	0.884	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	14171m	0.329	ng/ul	
26) Benzo(a)pyrene	23.148	252	10646	0.295	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.356	276	11826	0.215	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.370	278	4793	0.110	ng/ul#	71
29) Benzo(g,h,i)perylene	26.003	276	1825	0.042	ng/ul#	49

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

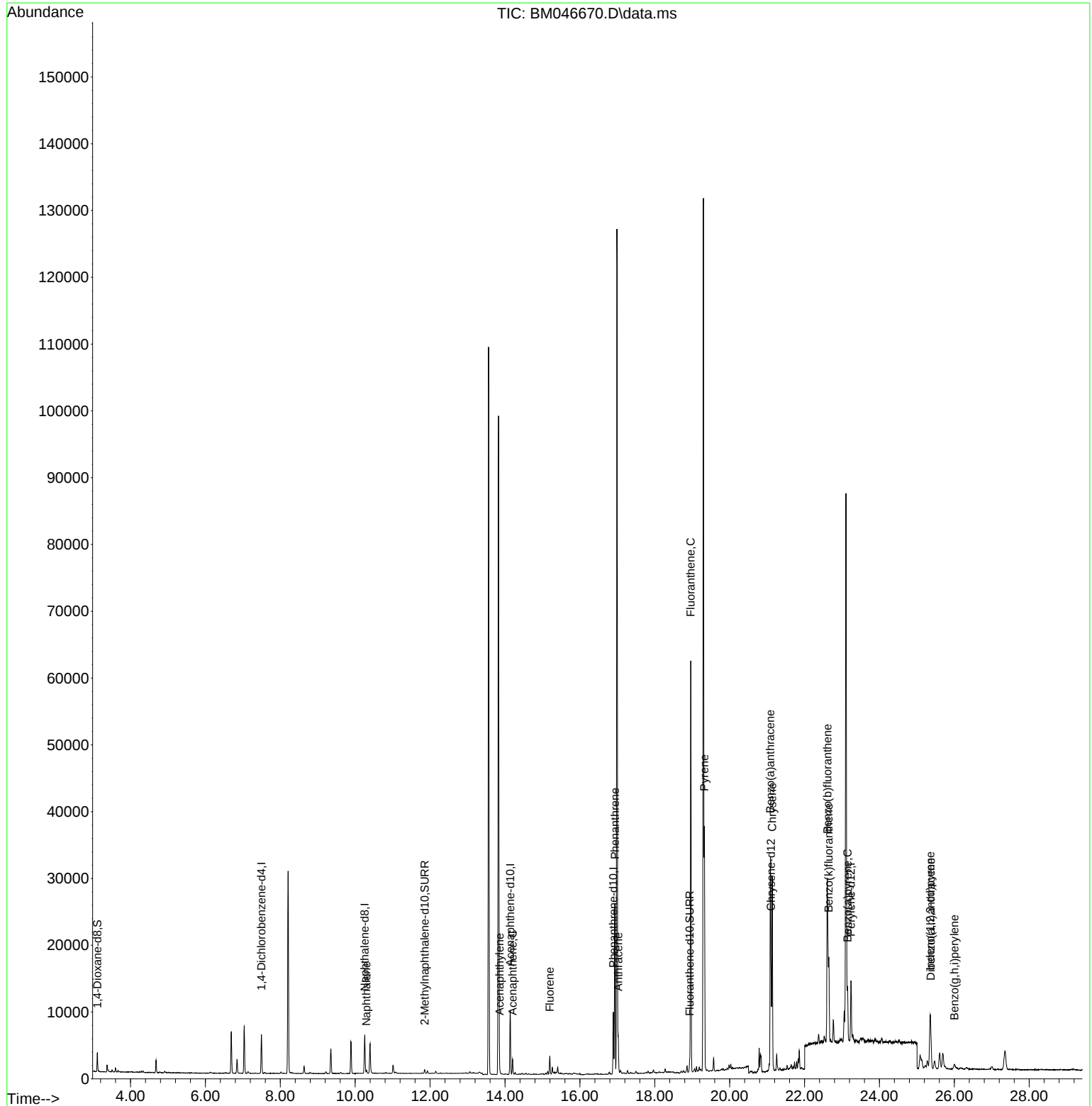
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046670.D
Acq On : 17 Jul 2024 15:07
Operator : MA/JU
Sample : P3177-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

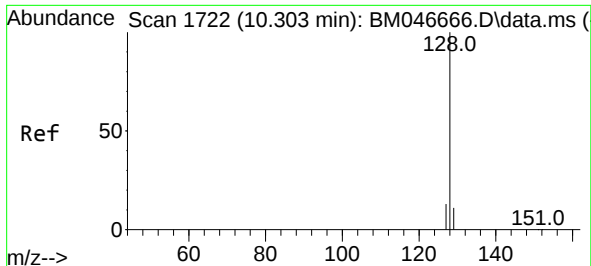
Instrument :
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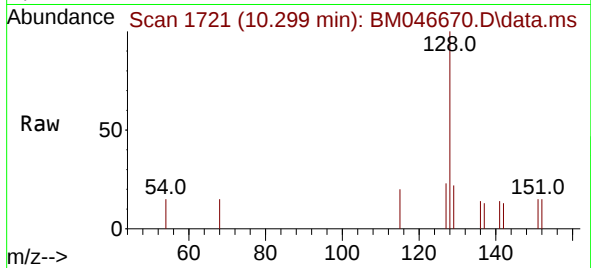
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.299 min Scan# 1721
Delta R.T. -0.017 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

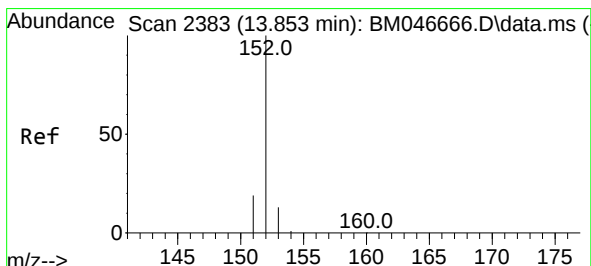
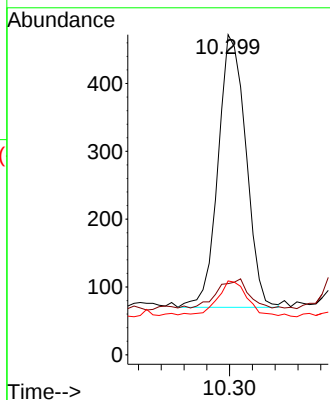
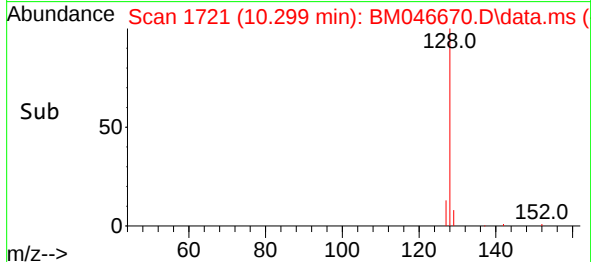
Instrument :
BNA_M
ClientSampleId :
A4BS5DL



Tgt Ion:128 Resp: 682
Ion Ratio Lower Upper
128 100
129 22.2 10.3 15.5#
127 23.1 12.2 18.4#

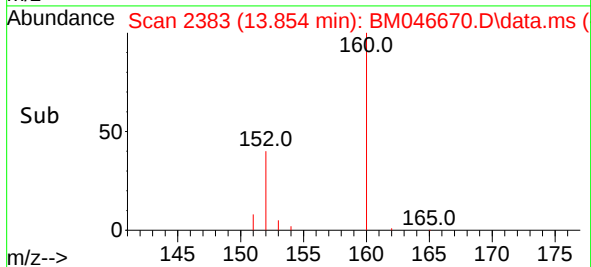
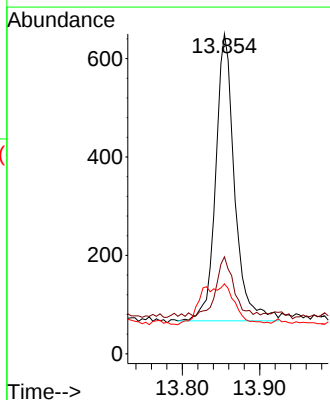
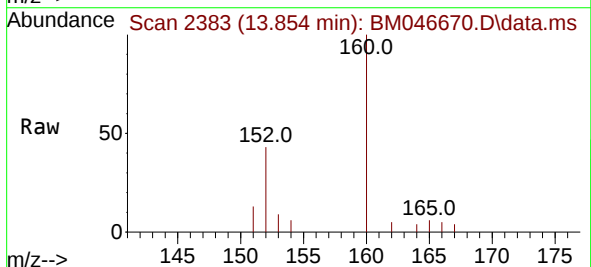
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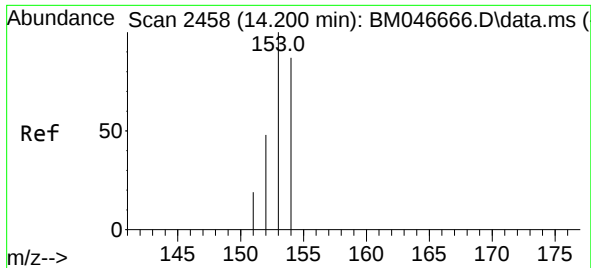
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

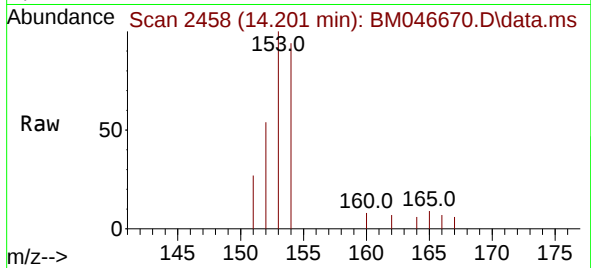
Tgt Ion:152 Resp: 988
Ion Ratio Lower Upper
152 100
151 30.3 16.4 24.6#
153 21.8 12.4 18.6#





#11
Acenaphthene
Concen: 0.082 ng/u1
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

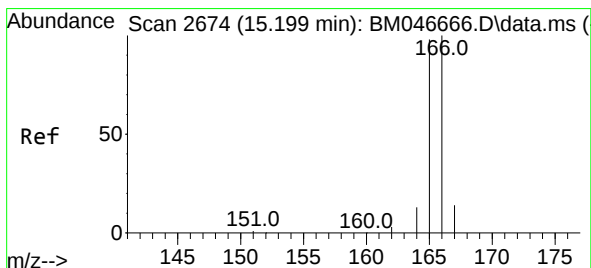
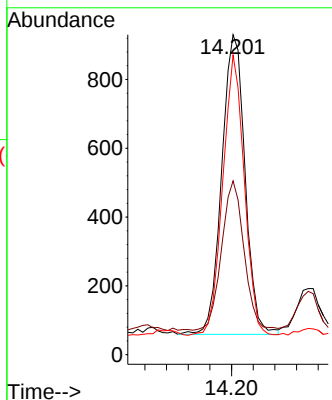
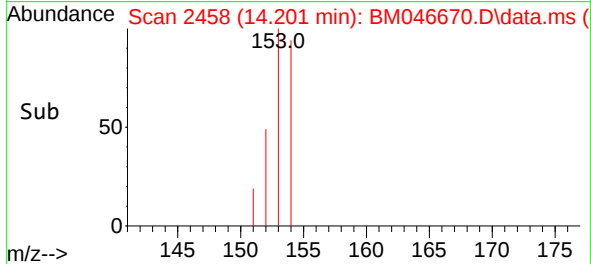
Instrument :
BNA_M
ClientSampleId :
A4BS5DL



Tgt Ion:153 Resp: 1299
Ion Ratio Lower Upper
153 100
152 54.3 43.0 64.6
154 93.7 69.9 104.9

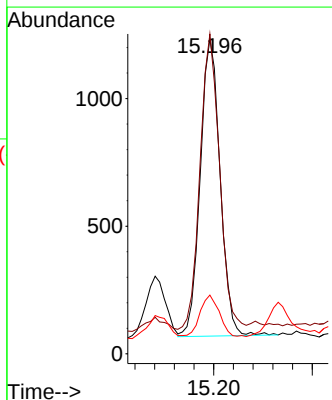
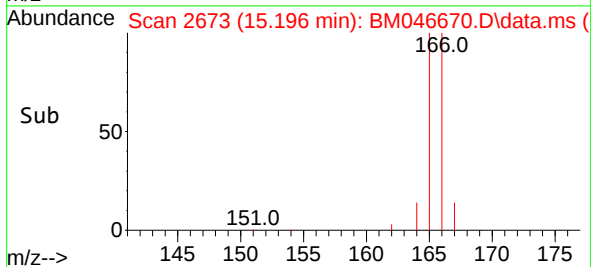
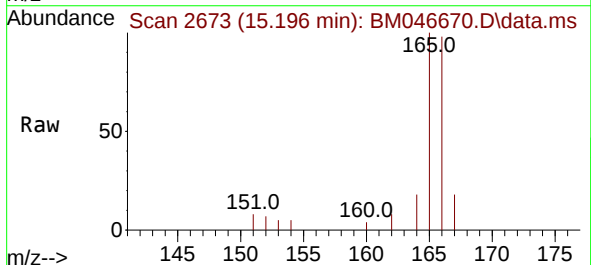
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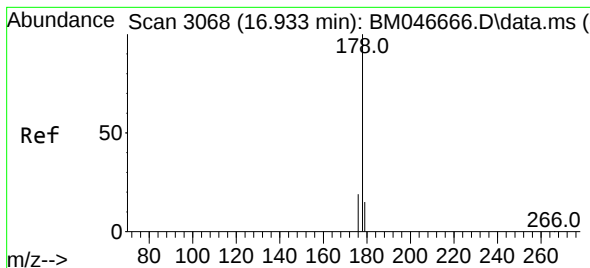
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.083 ng/u1
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

Tgt Ion:166 Resp: 1633
Ion Ratio Lower Upper
166 100
165 101.6 76.1 114.1
167 18.7 12.5 18.7





#15

Phenanthrene

Concen: 0.792 ng/uI

RT: 16.934 min Scan# 3068

Delta R.T. -0.009 min

Lab File: BM046670.D

Acq: 17 Jul 2024 15:07

Instrument :

BNA_M

ClientSampleId :

A4BS5DL

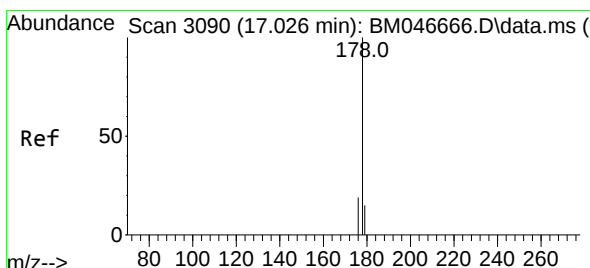
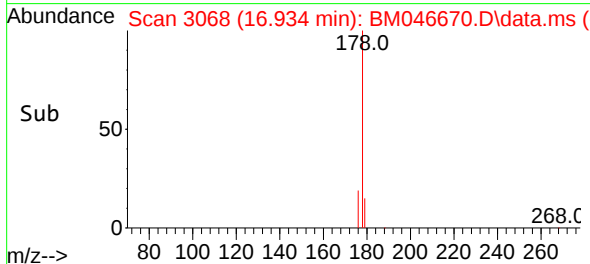
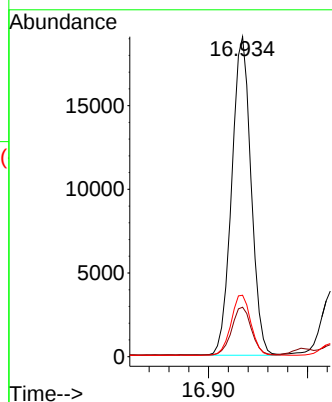
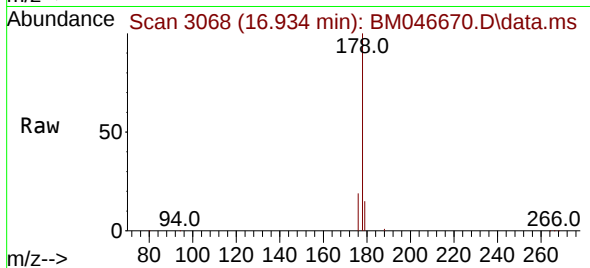
Tgt Ion:178	Resp:	2577
Ion Ratio	Lower	Upper
178	100	
179	15.4	13.1 19.7
176	19.2	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#16

Anthracene

Concen: 0.169 ng/uI

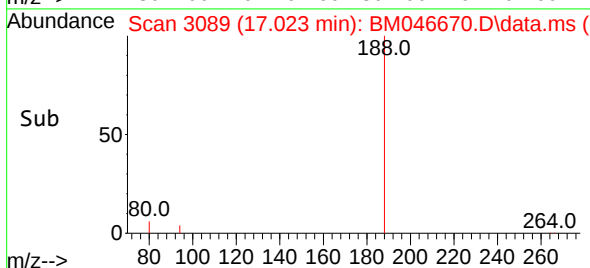
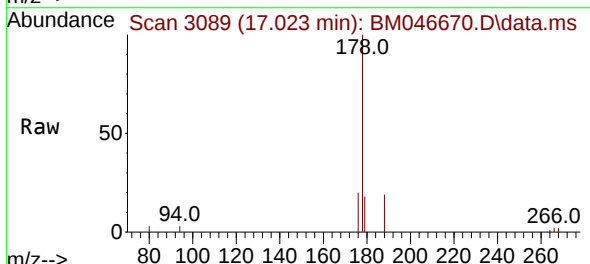
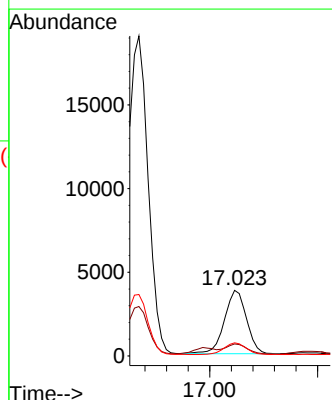
RT: 17.023 min Scan# 3089

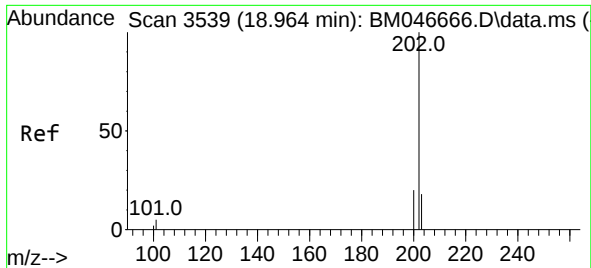
Delta R.T. -0.009 min

Lab File: BM046670.D

Acq: 17 Jul 2024 15:07

Tgt Ion:178	Resp:	5378
Ion Ratio	Lower	Upper
178	100	
179	18.3	13.5 20.3
176	19.9	15.7 23.5





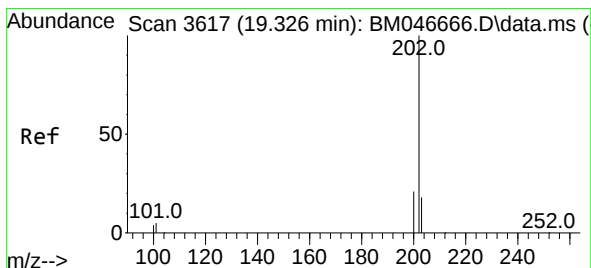
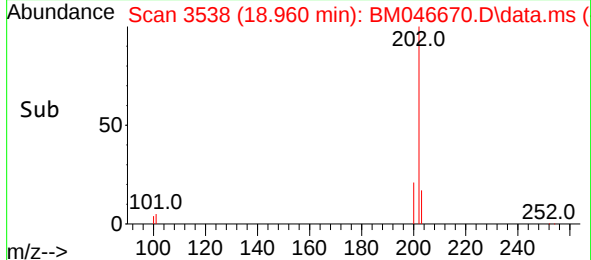
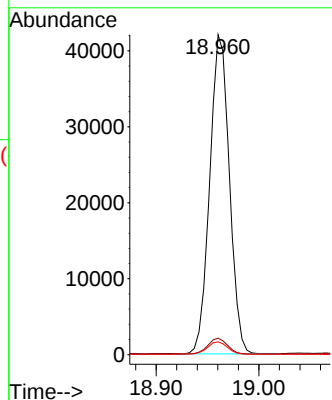
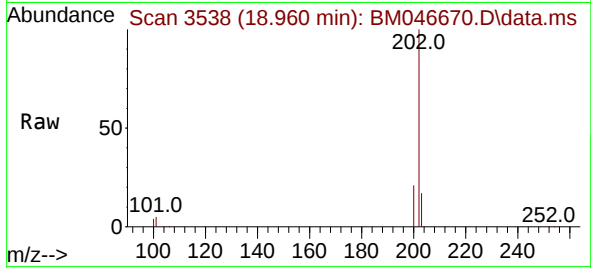
#19
Fluoranthene
Concen: 1.387 ng/ul
RT: 18.960 min Scan# 3539
Delta R.T. -0.010 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

Instrument :
BNA_M
ClientSampleId :
A4BS5DL

Tgt Ion:202 Resp: 5571
Ion Ratio Lower Upper
202 100
101 5.2 4.6 6.8
100 4.0 3.0 4.6

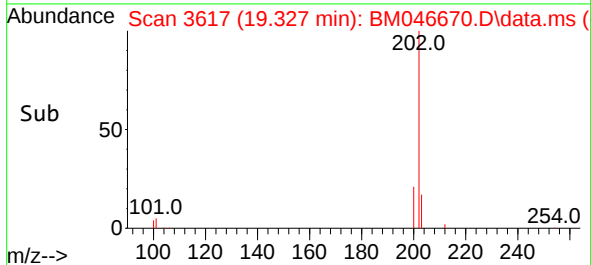
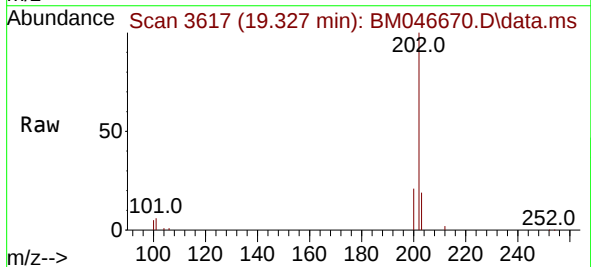
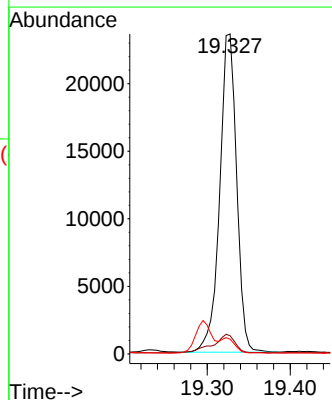
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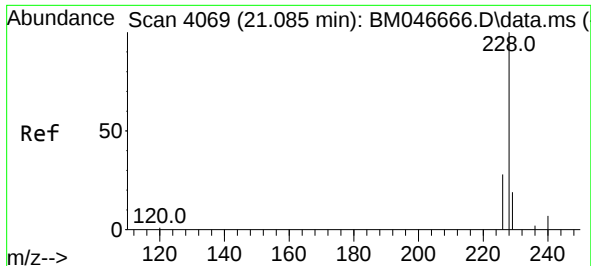
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#20
Pyrene
Concen: 0.766 ng/ul
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

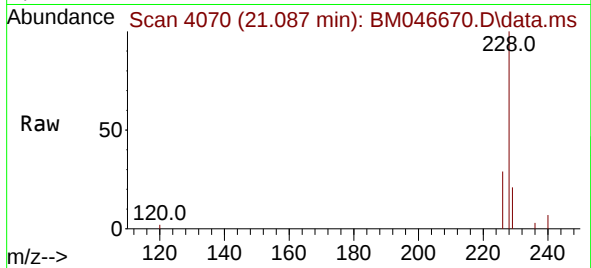
Tgt Ion:202 Resp: 33305
Ion Ratio Lower Upper
202 100
101 5.7 5.1 7.7
100 4.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.592 ng/ul
RT: 21.087 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

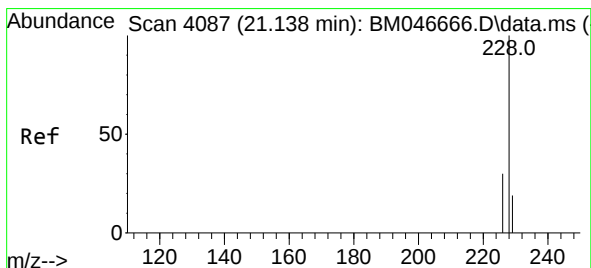
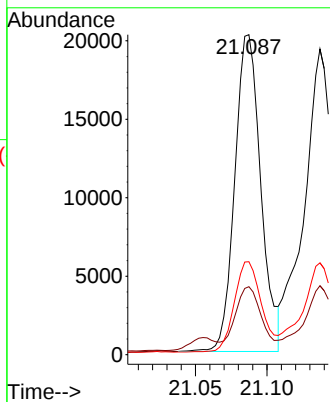
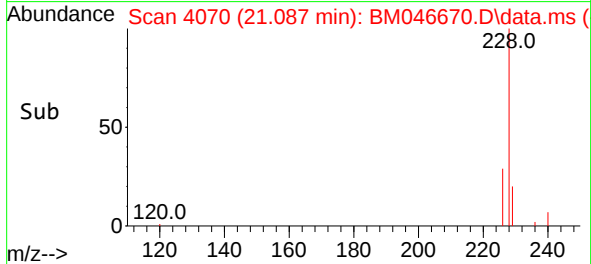
Instrument :
BNA_M
ClientSampleId :
A4BS5DL



Tgt Ion:228 Resp: 2561
Ion Ratio Lower Upper
228 100
229 21.3 16.5 24.7
226 29.0 22.5 33.7

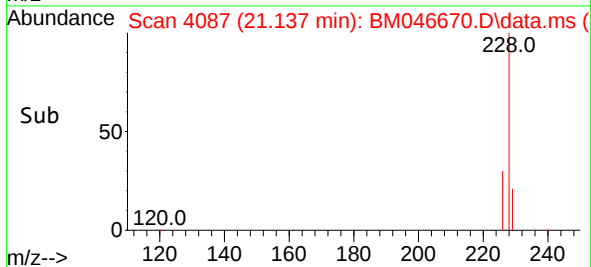
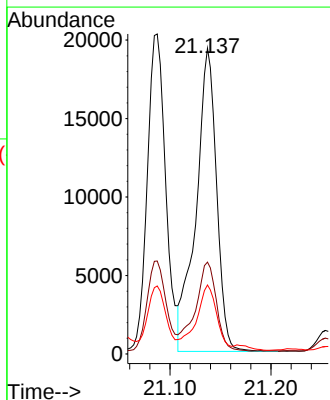
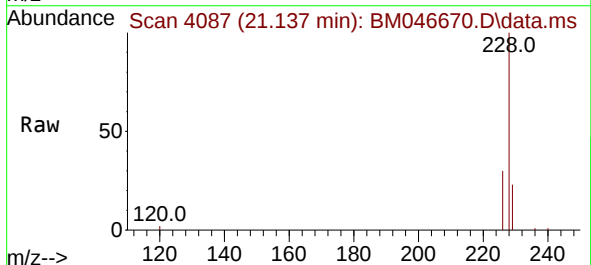
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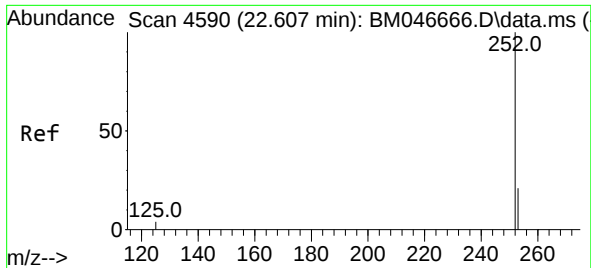
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

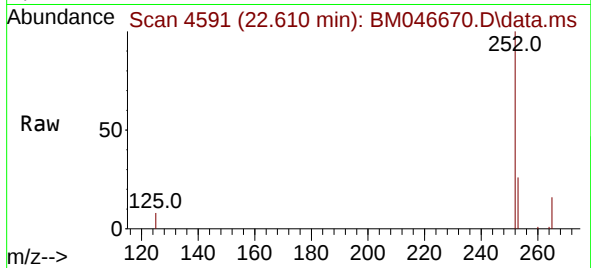
Tgt Ion:228 Resp: 27265
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.884 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

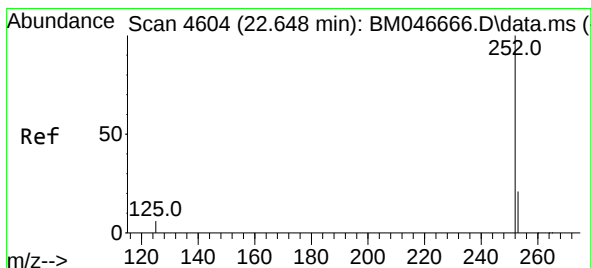
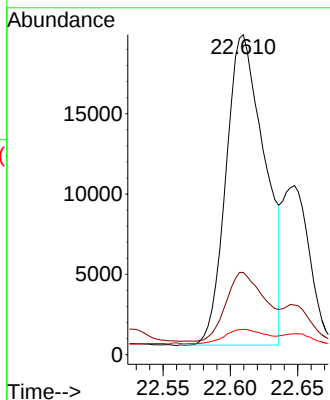
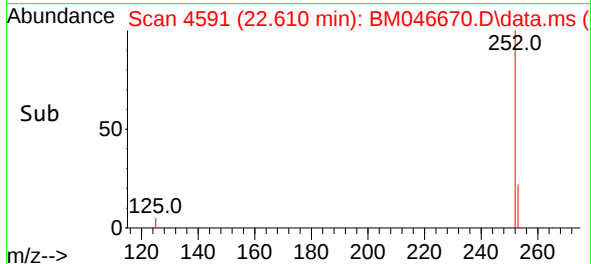
Instrument :
BNA_M
ClientSampleId :
A4BS5DL



Tgt Ion:252 Resp: 3878
Ion Ratio Lower Upper
252 100
253 25.7 0.0 56.2
125 7.9 0.0 17.8

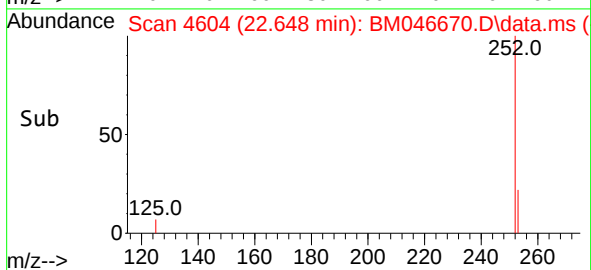
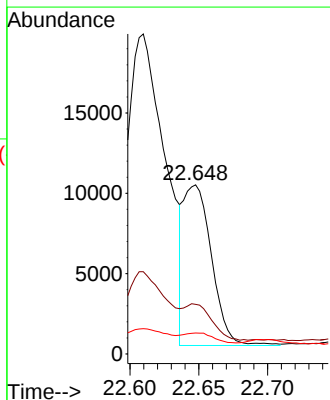
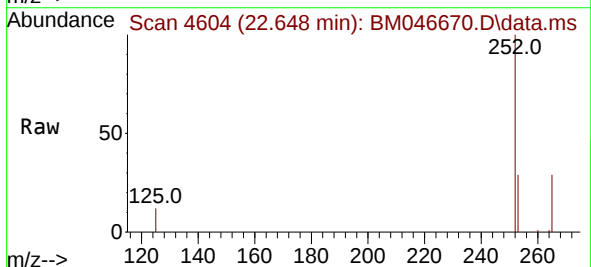
Manual Integrations
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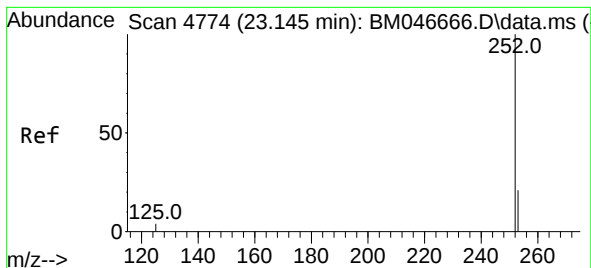
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

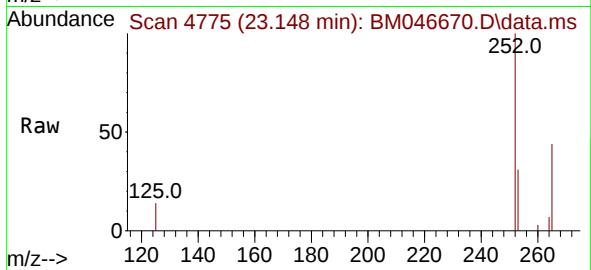
Tgt Ion:252 Resp: 14171
Ion Ratio Lower Upper
252 100
253 29.3 22.4 33.6
125 12.4 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

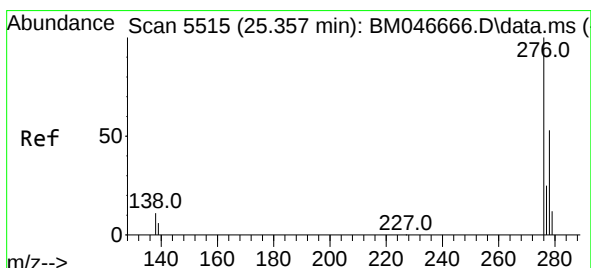
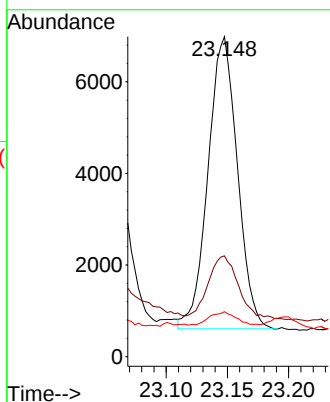
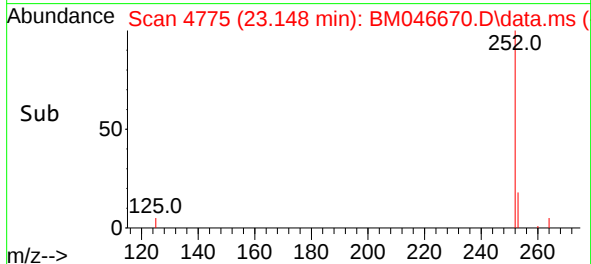
Instrument :
BNA_M
ClientSampleId :
A4BS5DL



Tgt Ion:252 Resp: 10640
Ion Ratio Lower Upper
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253 31.5 24.0 36.0
125 14.0 8.2 12.2

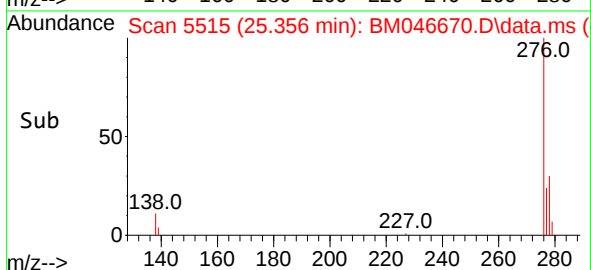
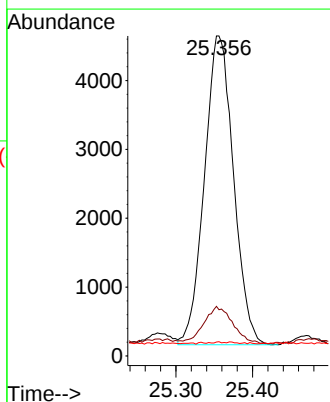
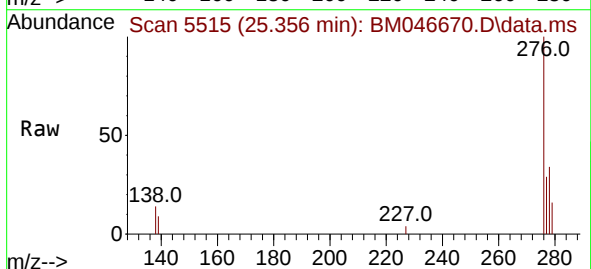
Manual Integrations
APPROVED

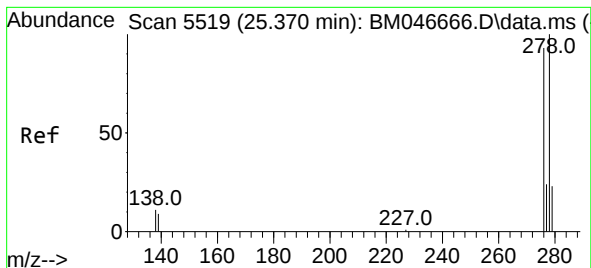
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 25.356 min Scan# 5515
Delta R.T. -0.004 min
Lab File: BM046670.D
Acq: 17 Jul 2024 15:07

Tgt Ion:276 Resp: 11826
Ion Ratio Lower Upper
276 100
138 12.1 0.0 0.0#
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.110 ng/ul

RT: 25.370 min Scan# 51

Delta R.T. -0.014 min

Lab File: BM046670.D

Acq: 17 Jul 2024 15:07

Instrument :

BNA_M

ClientSampleId :

A4BS5DL

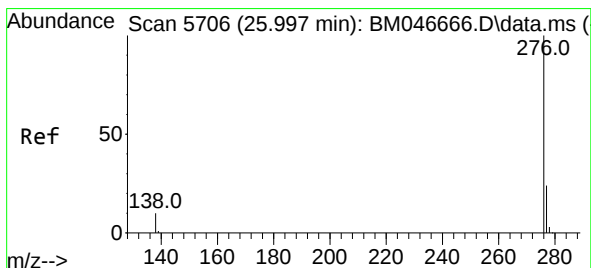
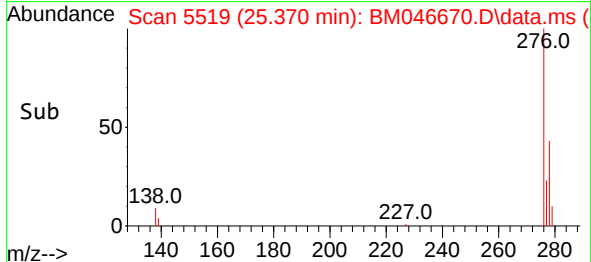
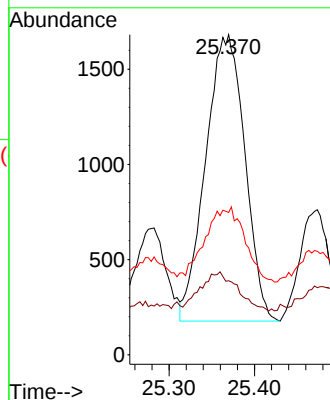
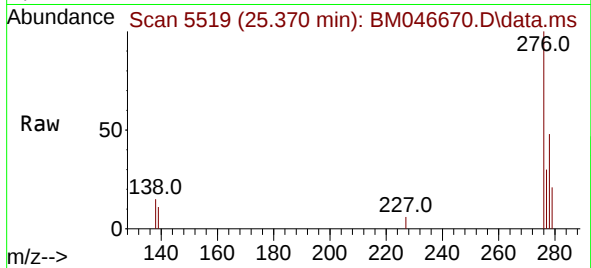
Tgt Ion:	278	Resp:	479
Ion Ratio	Lower	Upper	
278	100		
139	23.1	9.1	13.7
279	44.5	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#29

Benzo(g,h,i)perylene

Concen: 0.042 ng/ul

RT: 26.003 min Scan# 5708

Delta R.T. -0.000 min

Lab File: BM046670.D

Acq: 17 Jul 2024 15:07

Tgt Ion:	276	Resp:	1825
Ion Ratio	Lower	Upper	
276	100		
138	34.2	10.2	15.4
277	51.1	20.9	31.3

