

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046671.D
 Acq On : 17 Jul 2024 15:45
 Operator : MA/JU
 Sample : P3177-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 17:04:45 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	2872	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.253	136	7779	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.140	164	5188	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.891	188	10888	0.400	ng/ul	-0.01
17) Chrysene-d12	21.099	240	9796	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	10985	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	2178	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.853	152	901	0.072	ng/ul	-0.01
18) Fluoranthene-d10	18.931	212	2245	0.075	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.303	128	8344	0.422	ng/ul	97
7) 2-Methylnaphthalene	11.930	142	3790	0.273	ng/ul	99
8) 1-Methylnaphthalene	12.150	142	3171	0.224	ng/ul	99
10) Acenaphthylene	13.853	152	1553	0.066	ng/ul#	85
11) Acenaphthene	14.200	153	14090	0.890	ng/ul	97
12) Fluorene	15.195	166	13070	0.668	ng/ul	97
15) Phenanthrene	16.933	178	140316	4.516	ng/ul	98
16) Anthracene	17.026	178	17442	0.575	ng/ul	99
19) Fluoranthene	18.964	202	143024	3.555	ng/ul	98
20) Pyrene	19.326	202	116113	2.665	ng/ul	99
21) Benzo(a)anthracene	21.085	228	46671	1.077	ng/ul	99
22) Chrysene	21.137	228	46508	1.109	ng/ul	98
24) Benzo(b)fluoranthene	22.607	252	57872m	1.319	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	21486m	0.499	ng/ul	
26) Benzo(a)pyrene	23.148	252	37144	1.029	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.357	276	24672	0.449	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.363	278	5822	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	25.997	276	22811	0.520	ng/ul	99

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

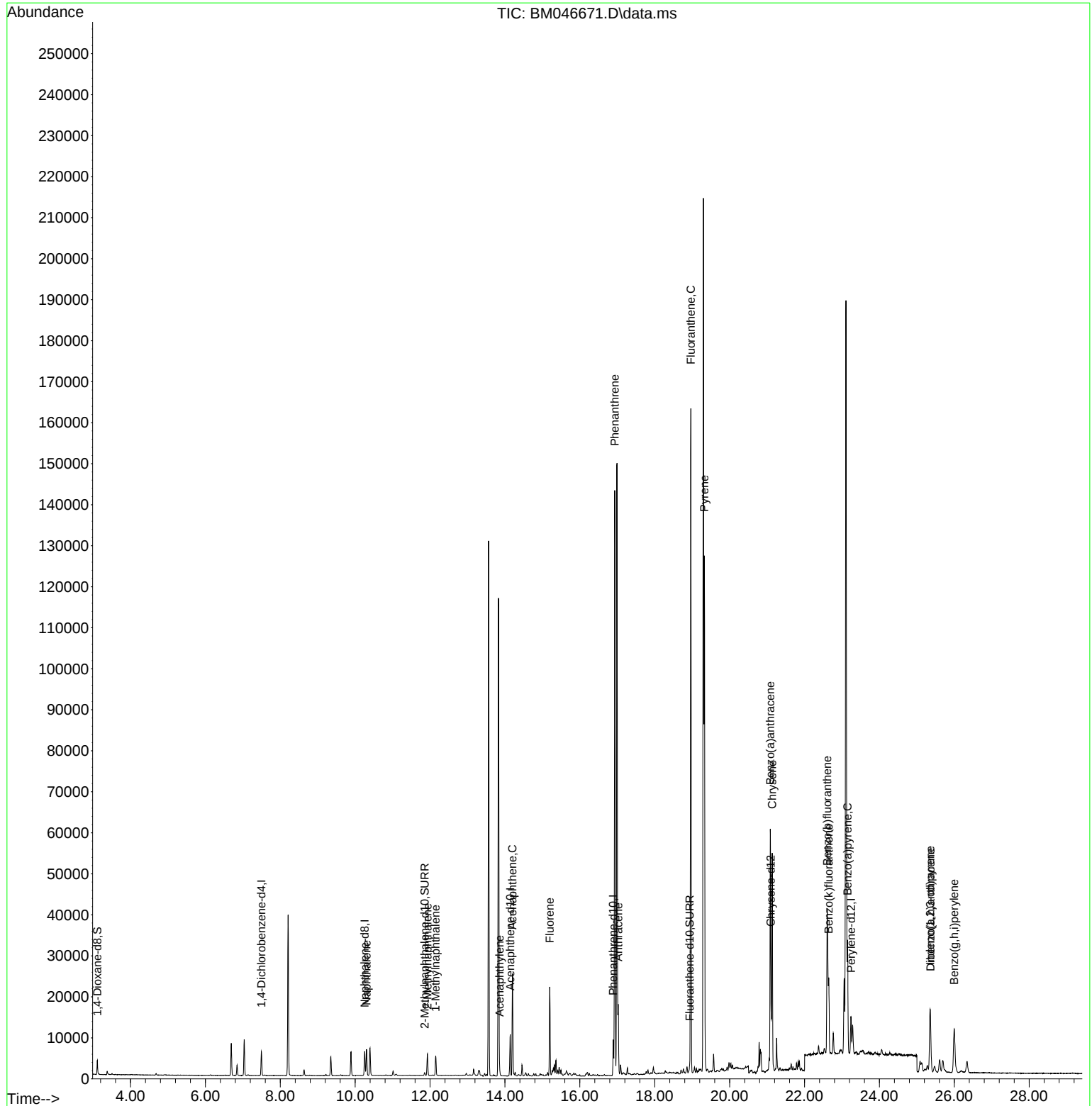
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046671.D
Acq On : 17 Jul 2024 15:45
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ALS Vial : 7 Sample Multiplier: 1

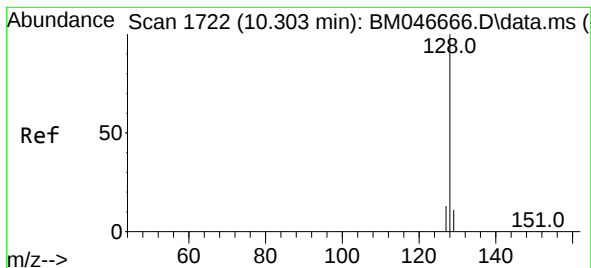
Instrument :
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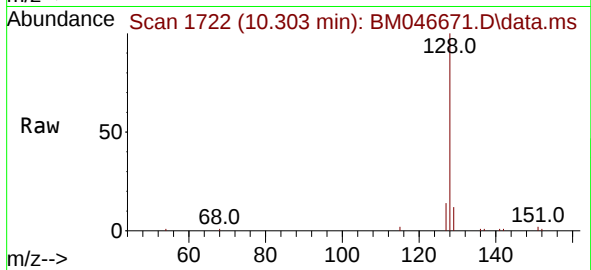
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.422 ng/ul
RT: 10.303 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

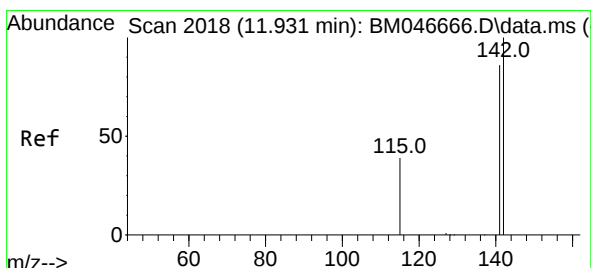
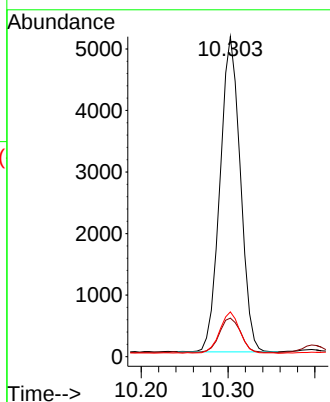
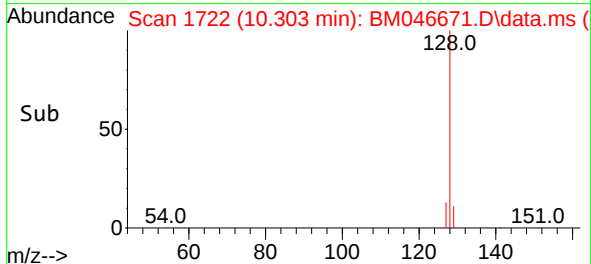
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



Tgt Ion:128 Resp: 834
Ion Ratio Lower Upper
128 100
129 12.0 10.3 15.5
127 14.0 12.2 18.4

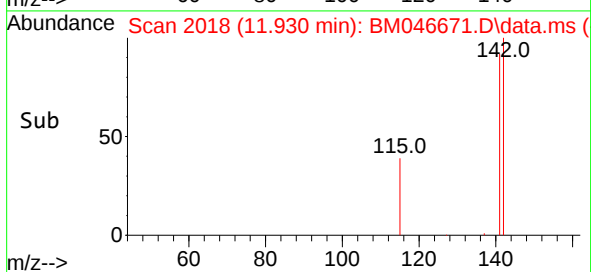
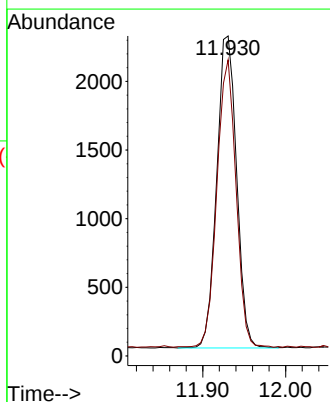
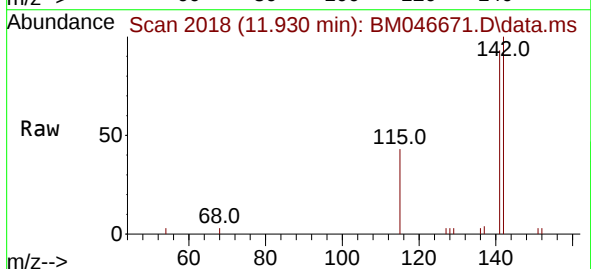
Manual Integrations
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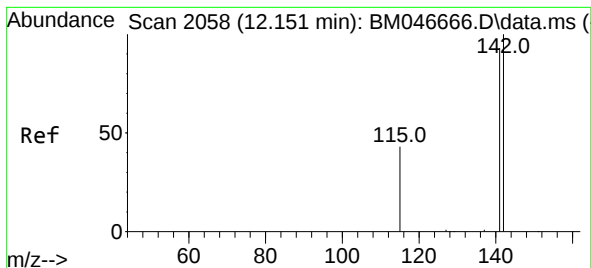
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 11.930 min Scan# 2018
Delta R.T. -0.013 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

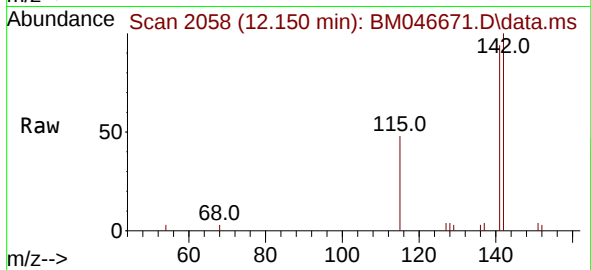
Tgt Ion:142 Resp: 3790
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.150 min Scan# 2058
Delta R.T. -0.013 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

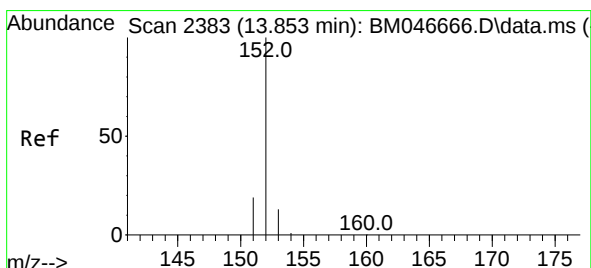
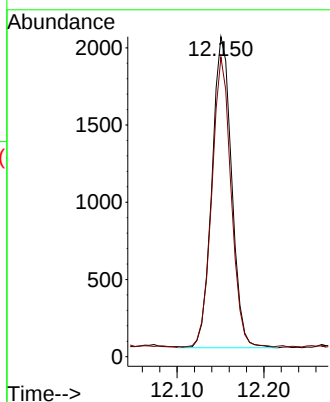
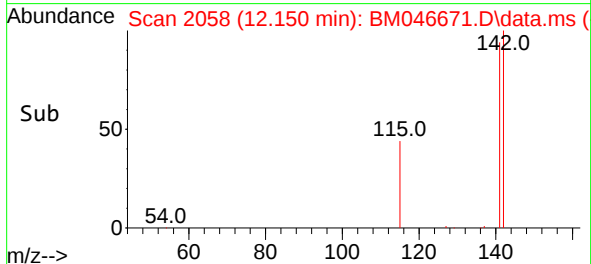
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



Tgt Ion:142 Resp: 317
Ion Ratio Lower Upper
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141 91.3 73.9 110.9

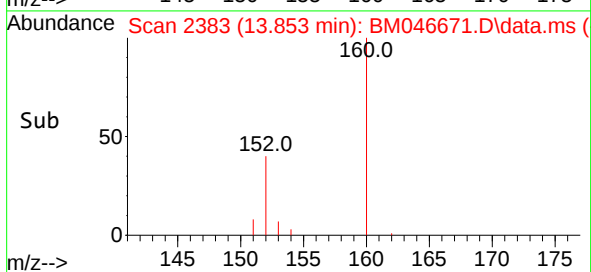
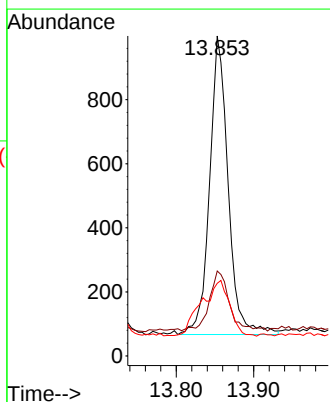
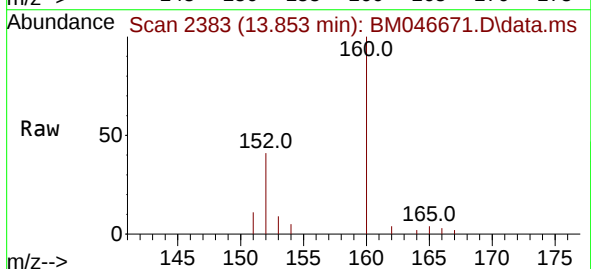
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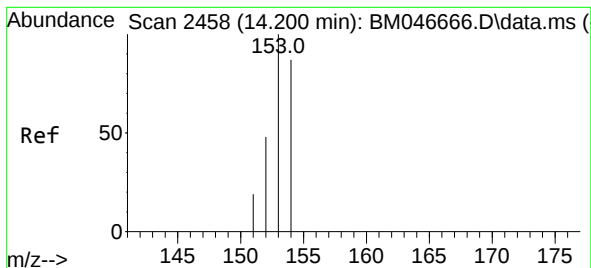
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.853 min Scan# 2383
Delta R.T. -0.011 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

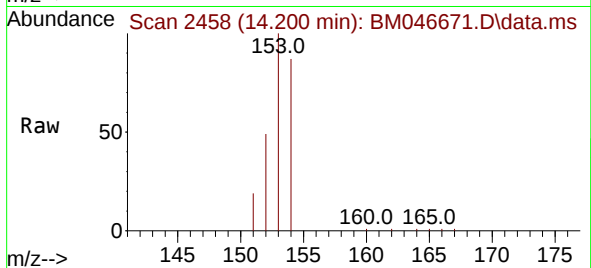
Tgt Ion:152 Resp: 1553
Ion Ratio Lower Upper
152 100
151 26.5 16.4 24.6#
153 22.7 12.4 18.6#





#11
Acenaphthene
Concen: 0.890 ng/ul
RT: 14.200 min Scan# 2458
Delta R.T. -0.011 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

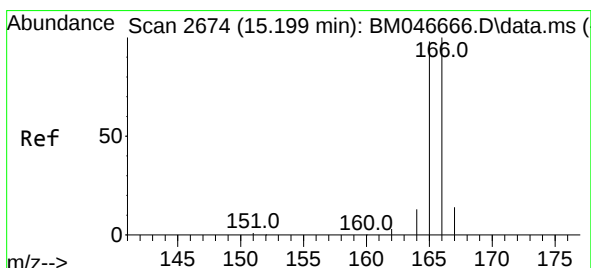
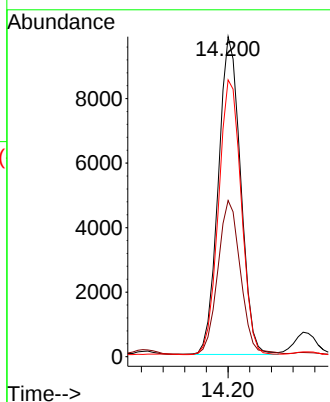
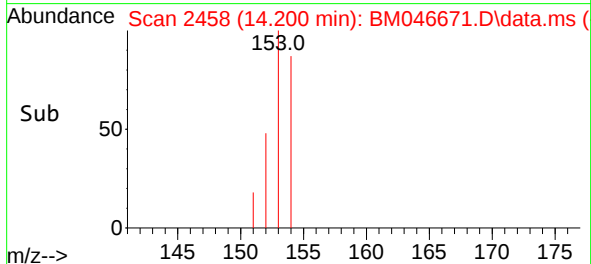
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



Tgt Ion:153 Resp: 14090
Ion Ratio Lower Upper
153 100
152 48.8 43.0 64.6
154 86.5 69.9 104.9

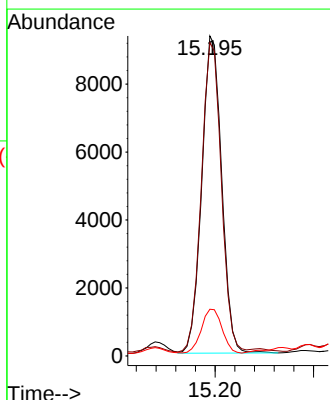
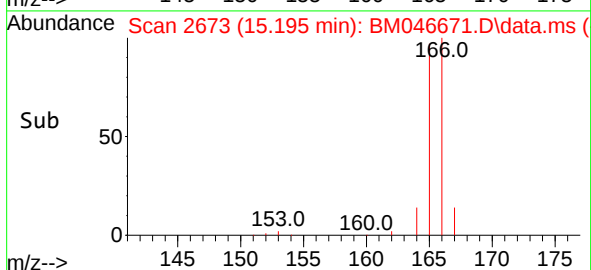
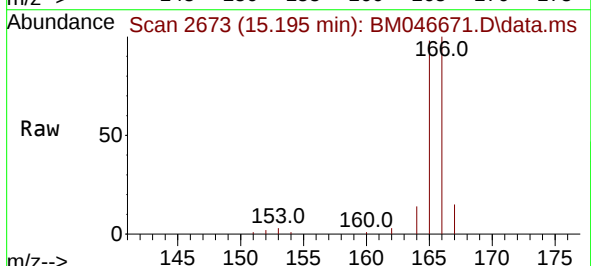
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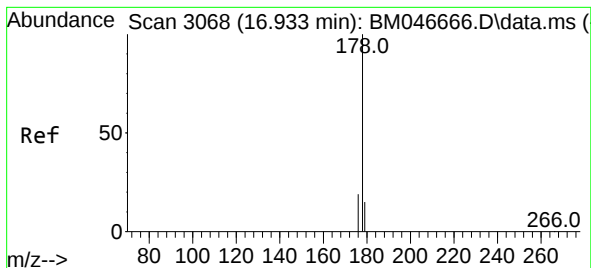
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.668 ng/ul
RT: 15.195 min Scan# 2673
Delta R.T. -0.011 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

Tgt Ion:166 Resp: 13070
Ion Ratio Lower Upper
166 100
165 97.9 76.1 114.1
167 14.6 12.5 18.7





#15

Phenanthrene

Concen: 4.516 ng/ul

RT: 16.933 min Scan# 3068

Delta R.T. -0.010 min

Lab File: BM046671.D

Acq: 17 Jul 2024 15:45

Instrument :

BNA_M

ClientSampleId :

A4BX5DL

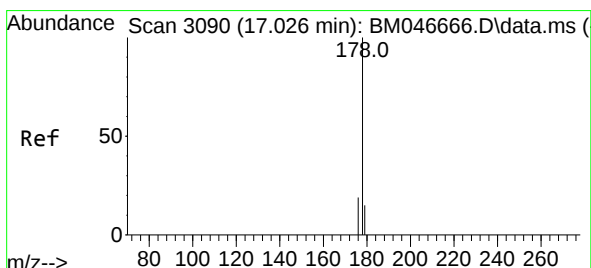
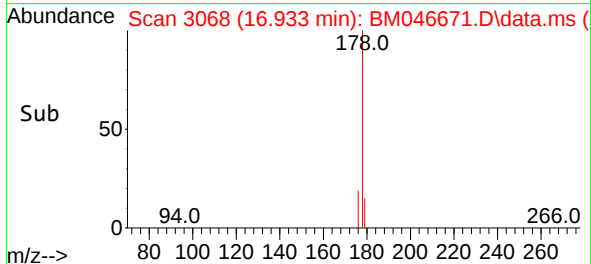
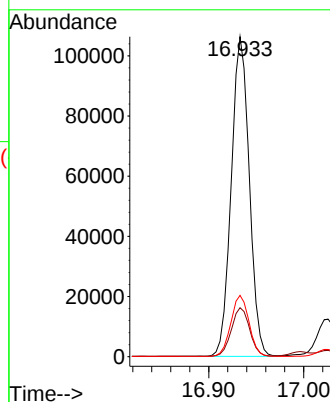
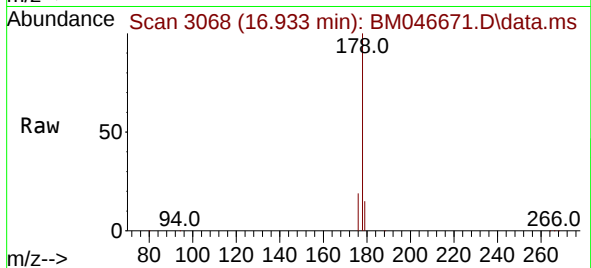
Tgt Ion:178	Resp: 140310
Ion Ratio	Lower Upper
178	100
179	15.3 13.1 19.7
176	19.1 16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#16

Anthracene

Concen: 0.575 ng/ul

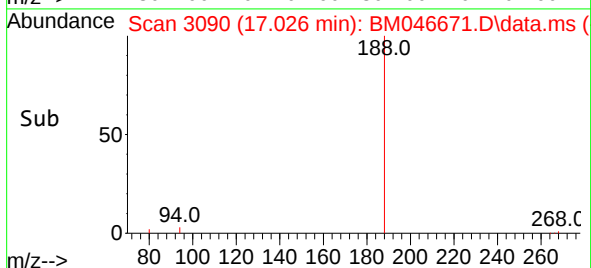
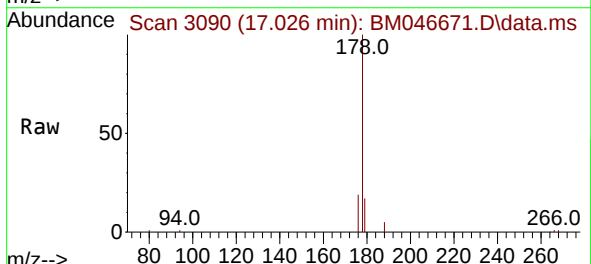
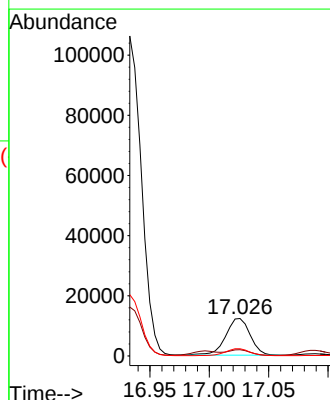
RT: 17.026 min Scan# 3090

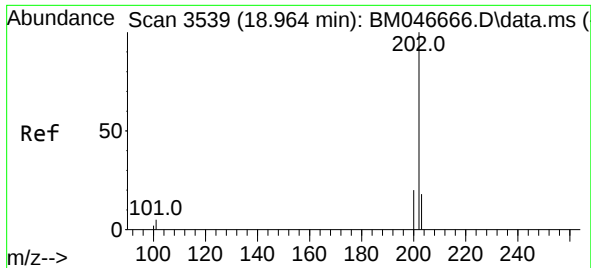
Delta R.T. -0.006 min

Lab File: BM046671.D

Acq: 17 Jul 2024 15:45

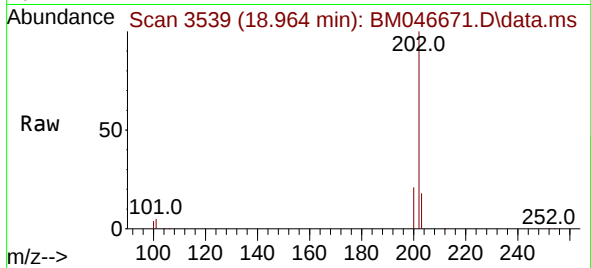
Tgt Ion:178	Resp: 17442
Ion Ratio	Lower Upper
178	100
179	16.5 13.5 20.3
176	19.1 15.7 23.5





#19
Fluoranthene
Concen: 3.555 ng/uI
RT: 18.964 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

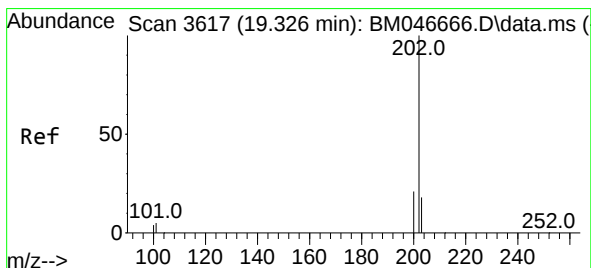
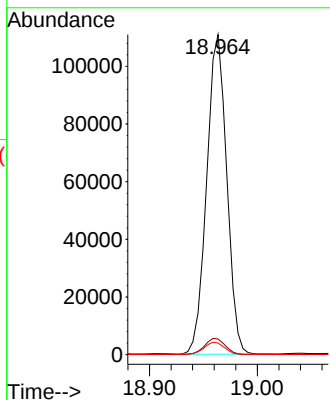
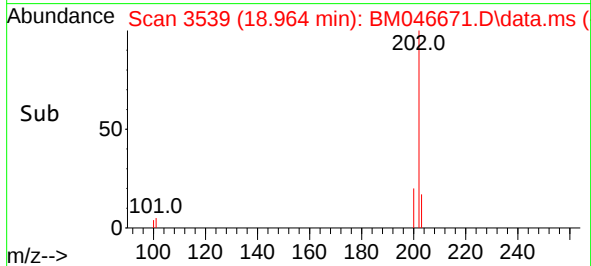
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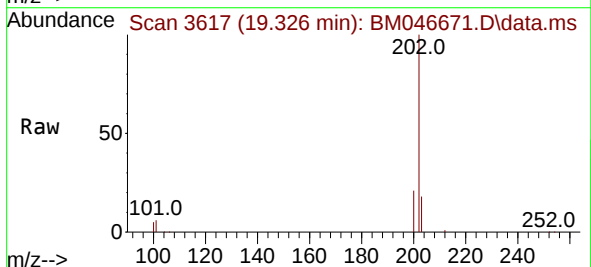
Tgt Ion:202 Resp: 143024
Ion Ratio Lower Upper
202 100
101 4.9 4.6 6.8
100 3.7 3.0 4.6

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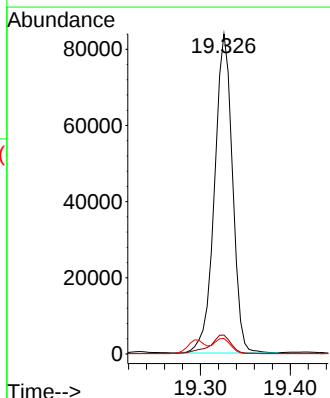
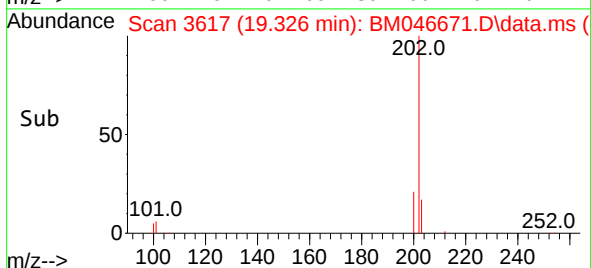
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

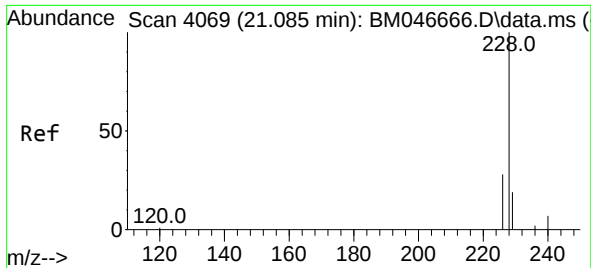


#20
Pyrene
Concen: 2.665 ng/uI
RT: 19.326 min Scan# 3617
Delta R.T. -0.006 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45



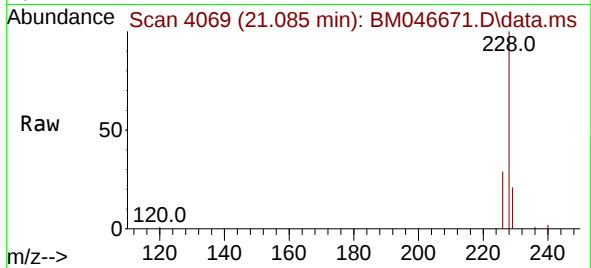
Tgt Ion:202 Resp: 116113
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.077 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

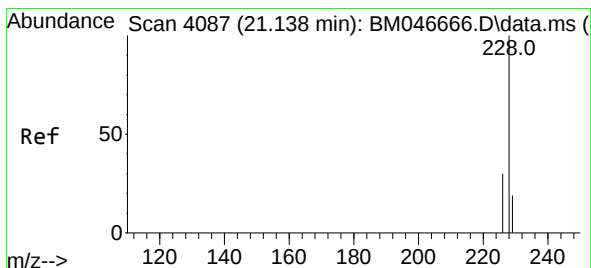
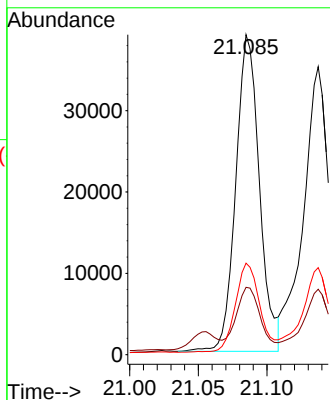
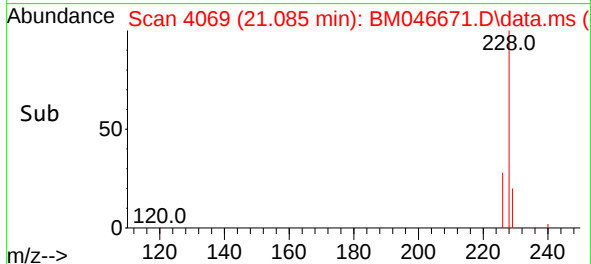
Instrument :
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A4BX5DL



Tgt Ion:228 Resp: 4667
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 28.6 22.5 33.7

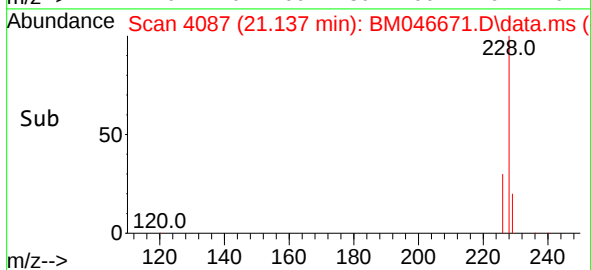
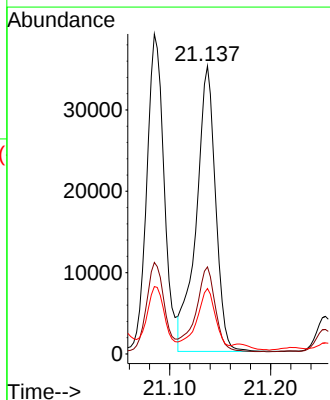
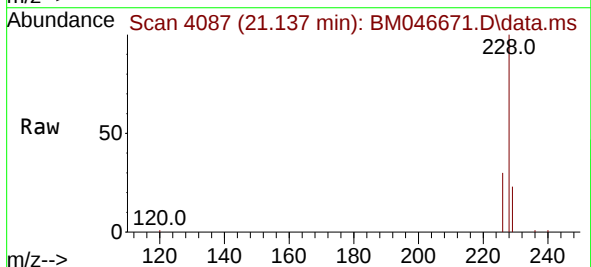
Manual Integrations
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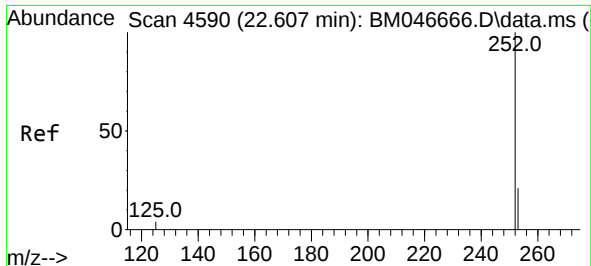
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#22
Chrysene
Concen: 1.109 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

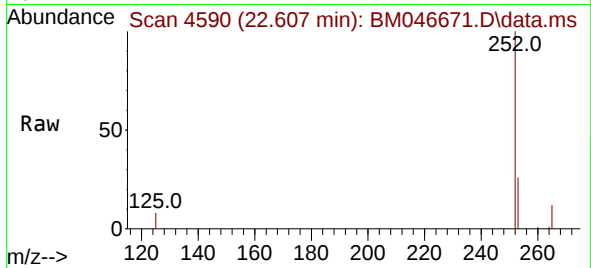
Tgt Ion:228 Resp: 46508
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.319 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

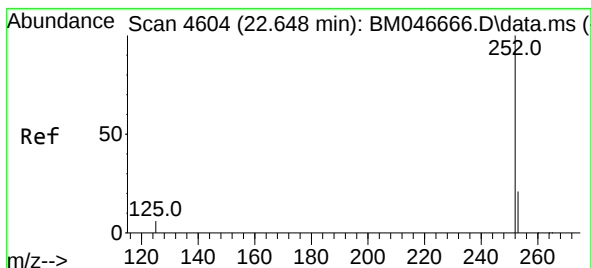
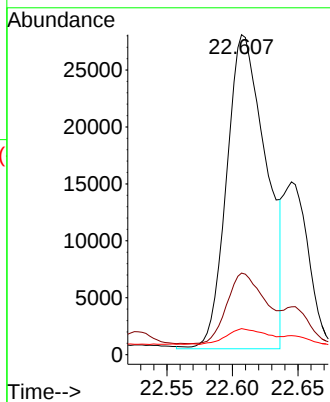
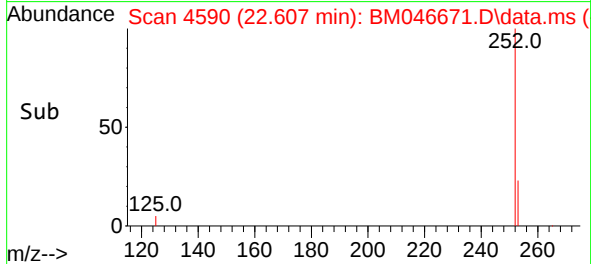
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



Tgt Ion:252 Resp: 5787
Ion Ratio Lower Upper
252 100
253 25.5 0.0 56.2
125 8.1 0.0 17.8

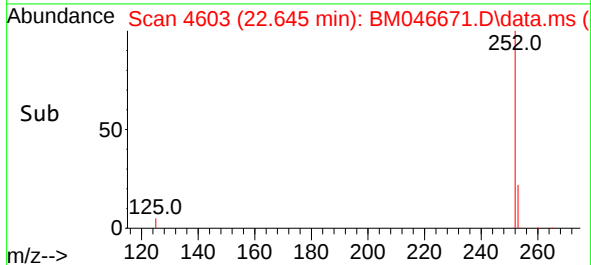
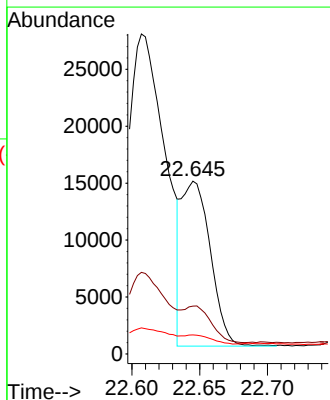
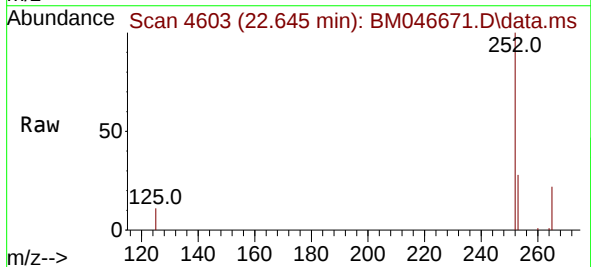
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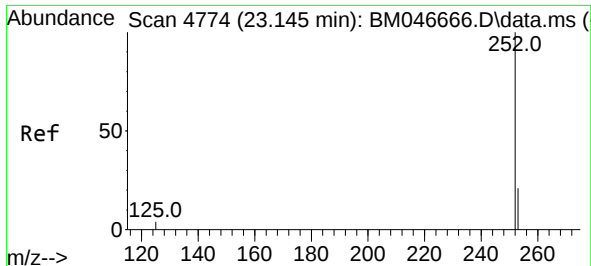
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.499 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.006 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

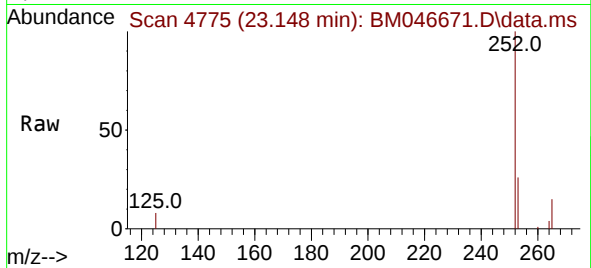
Tgt Ion:252 Resp: 21486
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 11.0 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 1.029 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

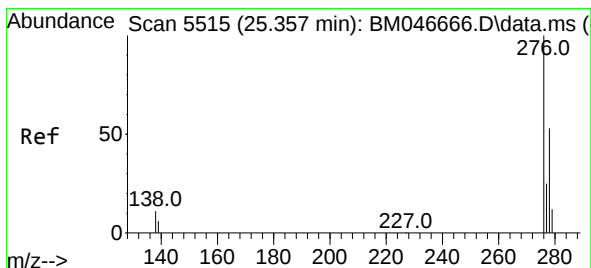
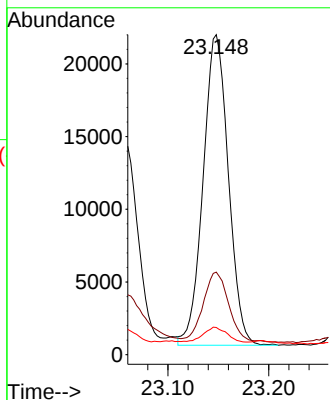
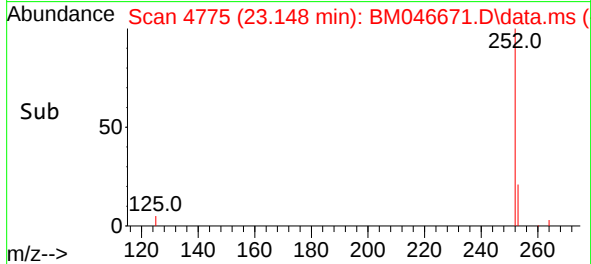
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



Tgt Ion:252 Resp: 37144
Ion Ratio Lower Upper
252 100
253 25.8 24.0 36.0
125 8.5 8.2 12.2

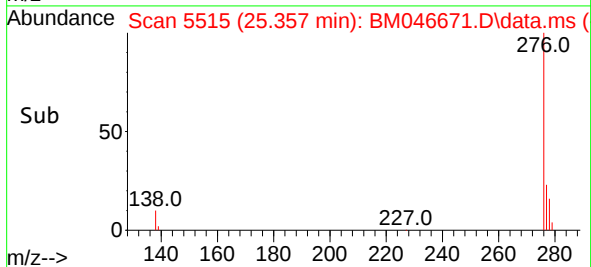
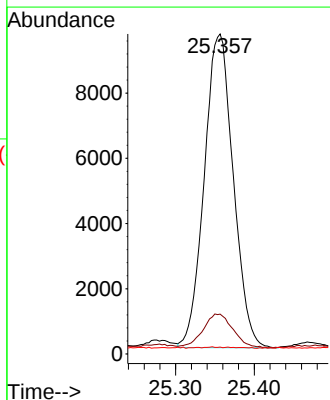
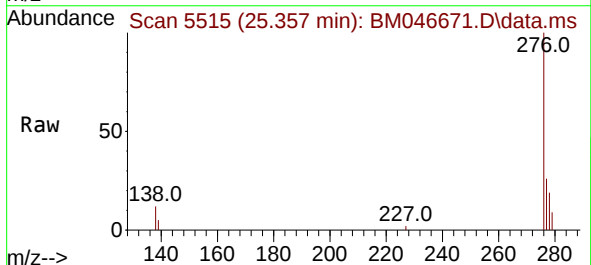
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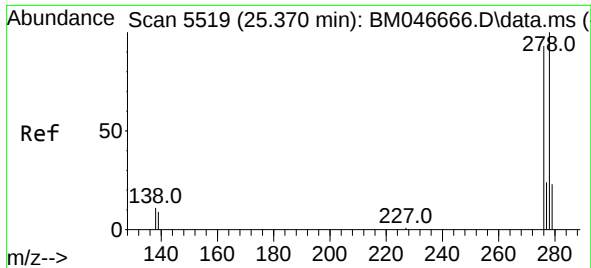
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 25.357 min Scan# 5515
Delta R.T. -0.003 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

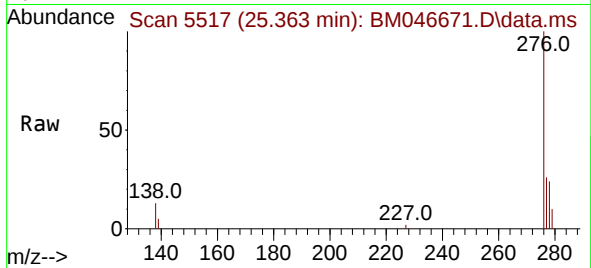
Tgt Ion:276 Resp: 24672
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.4 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.363 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45

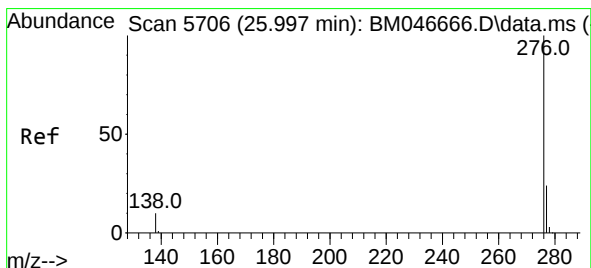
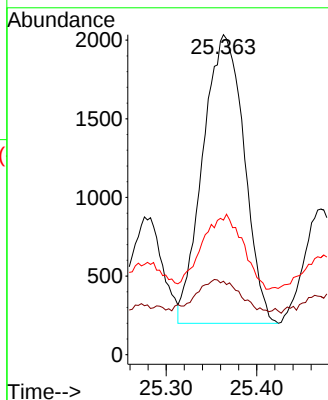
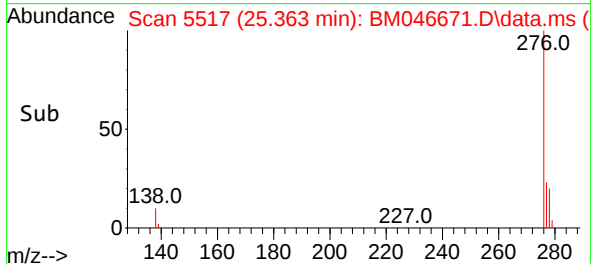
Instrument :
BNA_M
ClientSampleId :
A4BX5DL



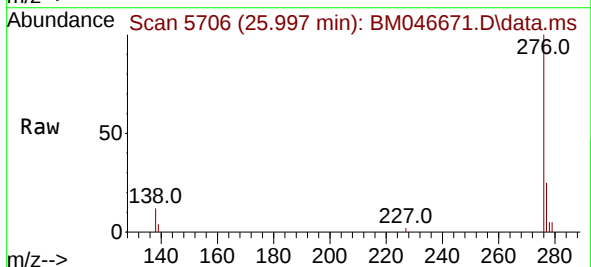
Tgt Ion:278 Resp: 582
Ion Ratio Lower Upper
278 100
139 22.9 9.1 13.7
279 42.1 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.520 ng/ul
RT: 25.997 min Scan# 5706
Delta R.T. -0.007 min
Lab File: BM046671.D
Acq: 17 Jul 2024 15:45



Tgt Ion:276 Resp: 22811
Ion Ratio Lower Upper
276 100
138 12.2 10.2 15.4
277 25.5 20.9 31.3

