

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046669.D
 Acq On : 17 Jul 2024 14:30
 Operator : MA/JU
 Sample : P3177-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 15:04:58 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	2904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.255	136	7522	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.136	164	5040	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.892	188	11434	0.400	ng/ul	0.00
17) Chrysene-d12	21.102	240	11022	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	12033	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1590	0.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	653	0.054	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	1946	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.304	128	2029	0.106	ng/ul	95
7) 2-Methylnaphthalene	11.926	142	671	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.152	142	473	0.034	ng/ul	94
10) Acenaphthylene	13.854	152	803	0.035	ng/ul#	70
11) Acenaphthene	14.201	153	3020	0.196	ng/ul	97
12) Fluorene	15.196	166	3258	0.171	ng/ul	93
15) Phenanthrene	16.934	178	41496	1.272	ng/ul	99
16) Anthracene	17.023	178	8765	0.275	ng/ul	97
19) Fluoranthene	18.960	202	65109	1.438	ng/ul	99
20) Pyrene	19.327	202	37122	0.757	ng/ul	99
21) Benzo(a)anthracene	21.087	228	29882	0.613	ng/ul	99
22) Chrysene	21.137	228	28400	0.602	ng/ul	97
24) Benzo(b)fluoranthene	22.610	252	36343m	0.756	ng/ul	
25) Benzo(k)fluoranthene	22.648	252	13993m	0.297	ng/ul	
26) Benzo(a)pyrene	23.147	252	10067	0.254	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.359	276	9854	0.164	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	4332	0.091	ng/ul#	62
29) Benzo(g,h,i)perylene	26.003	276	1380	0.029	ng/ul#	41

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

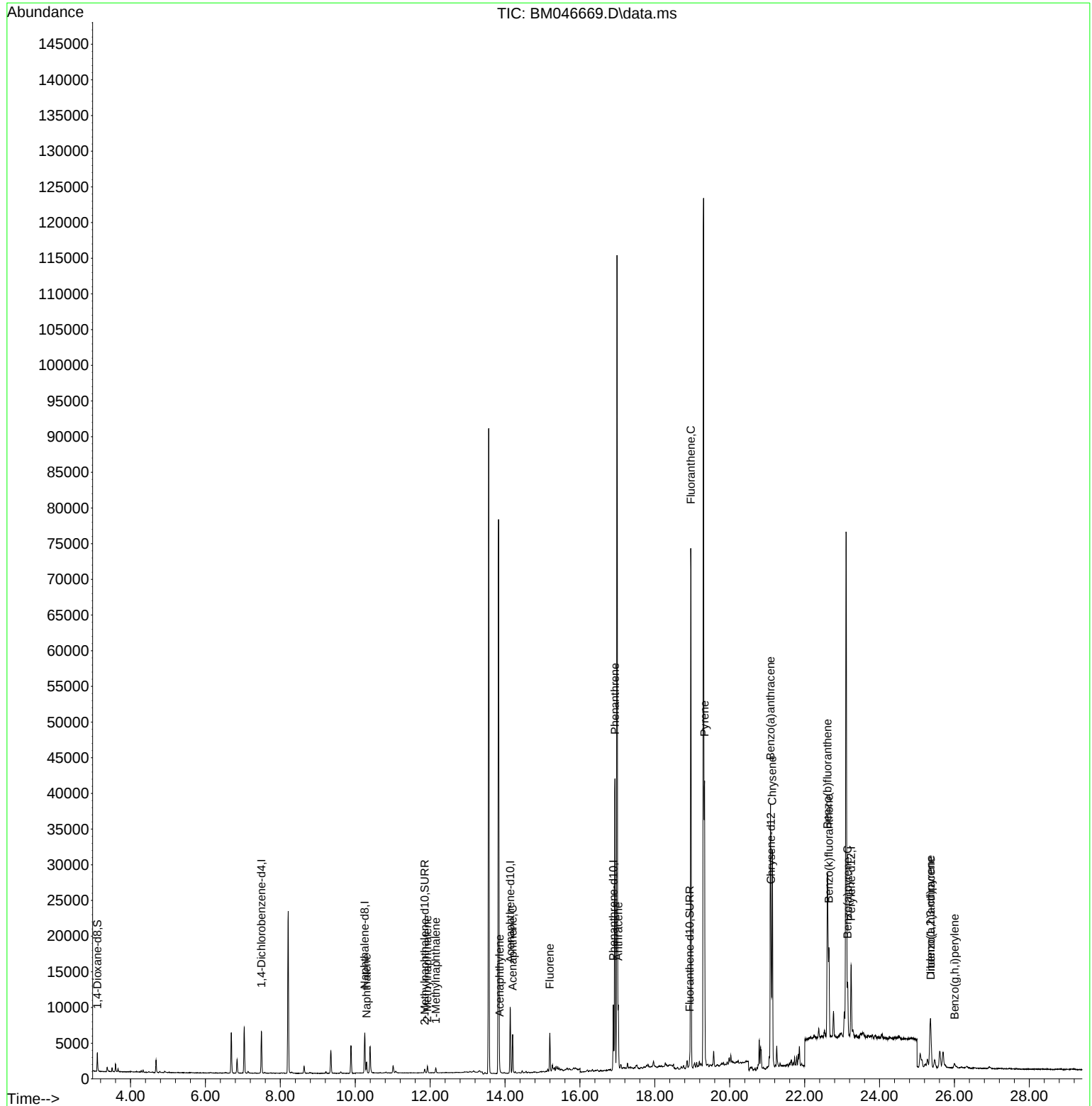
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046669.D
Acq On : 17 Jul 2024 14:30
Operator : MA/JU
Sample : P3177-05DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

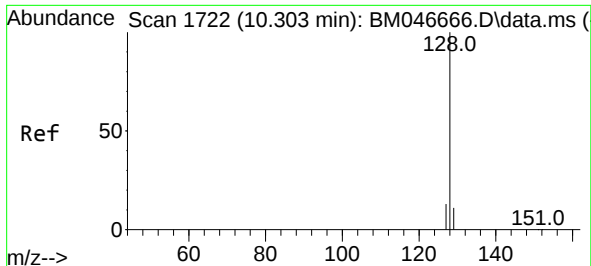
Instrument :
BNA_M
ClientSampleId :
A4BS3DL

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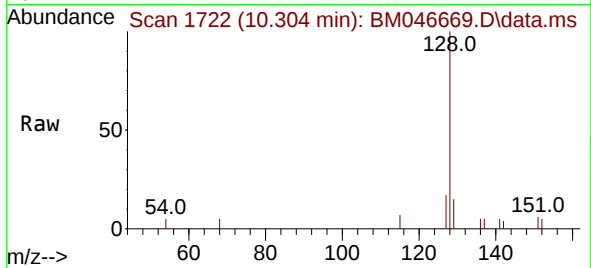
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

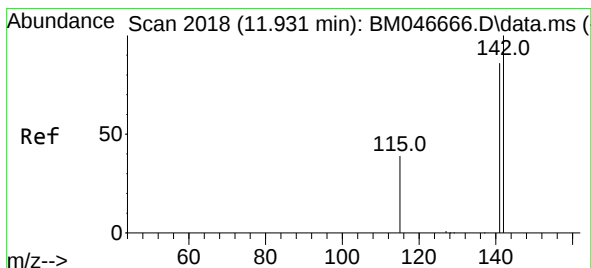
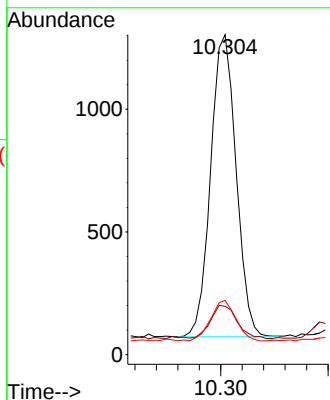
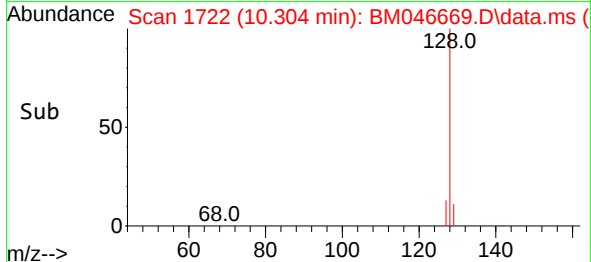
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



Tgt Ion:128 Resp: 2029
Ion Ratio Lower Upper
128 100
129 15.1 10.3 15.5
127 16.9 12.2 18.4

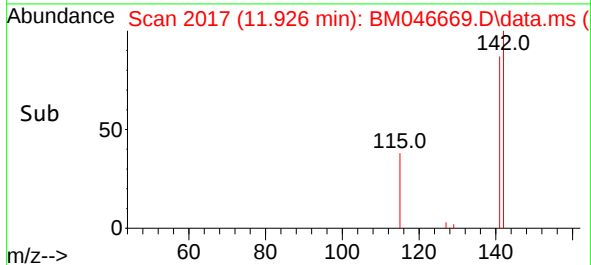
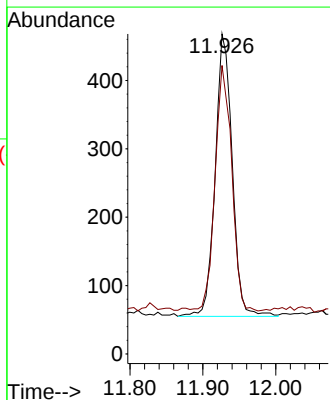
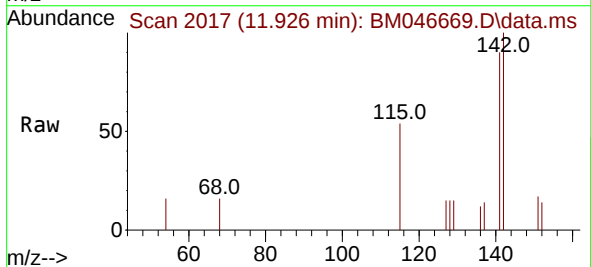
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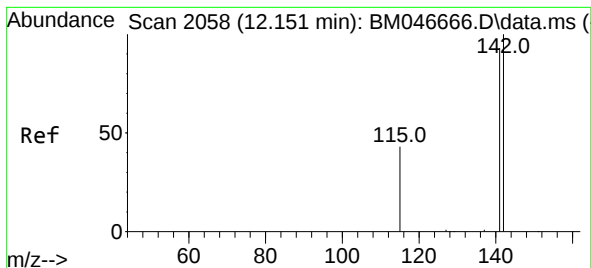
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.926 min Scan# 2017
Delta R.T. -0.017 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

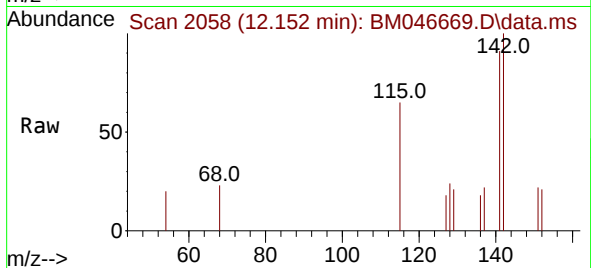
Tgt Ion:142 Resp: 671
Ion Ratio Lower Upper
142 100
141 84.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

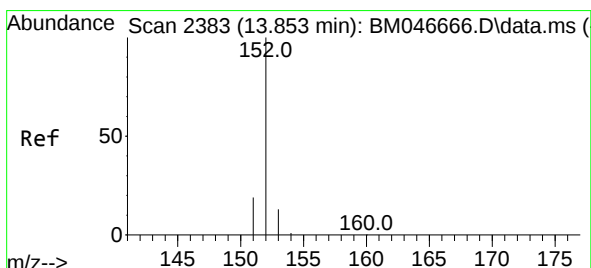
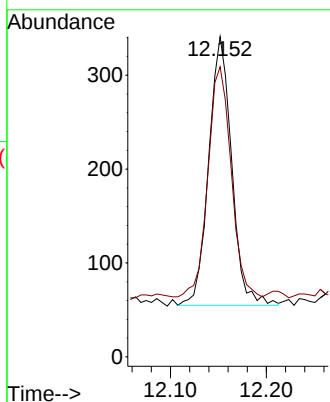
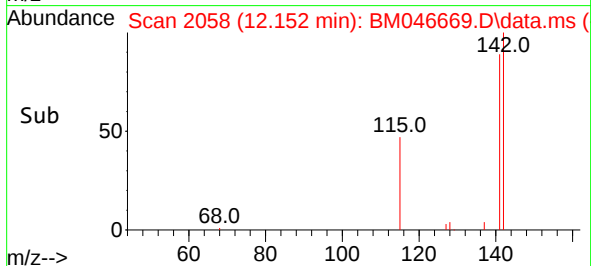
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



Tgt Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
141 87.1 73.9 110.9

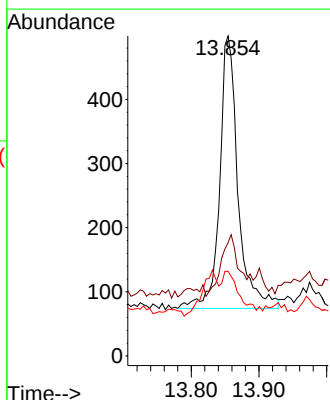
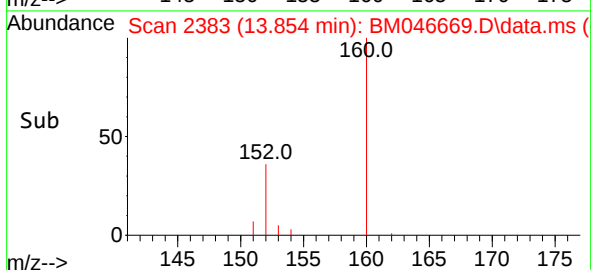
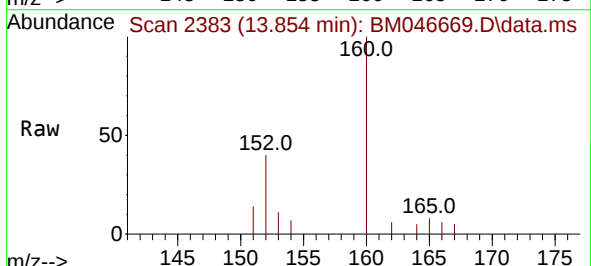
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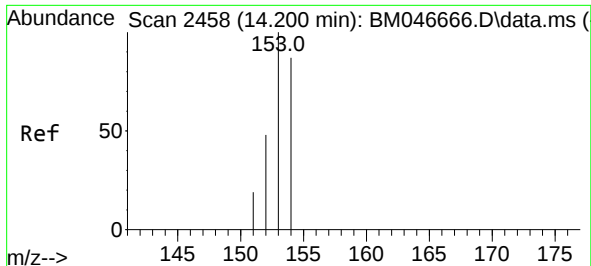
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

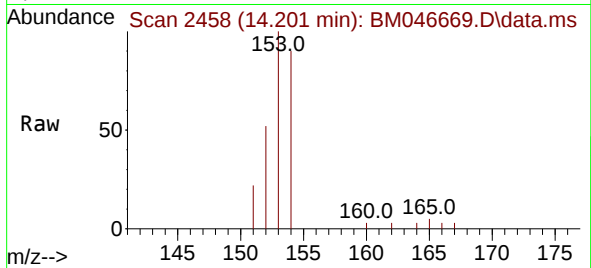
Tgt Ion:152 Resp: 803
Ion Ratio Lower Upper
152 100
151 35.5 16.4 24.6#
153 26.5 12.4 18.6#





#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

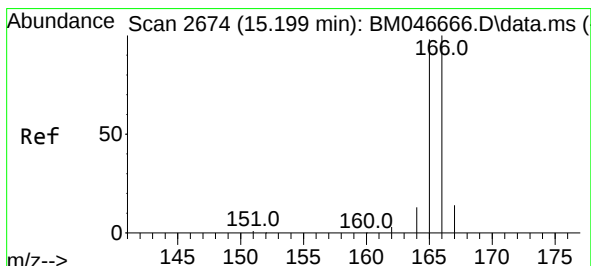
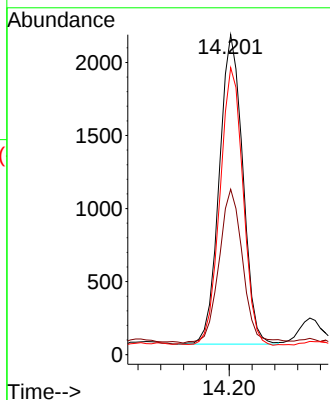
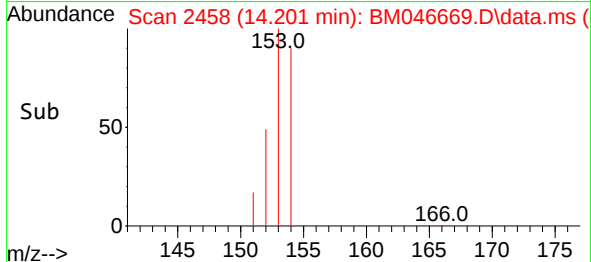
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



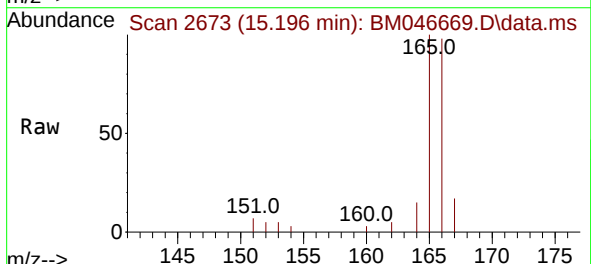
Tgt Ion:153 Resp: 3020
Ion Ratio Lower Upper
153 100
152 51.7 43.0 64.6
154 89.7 69.9 104.9

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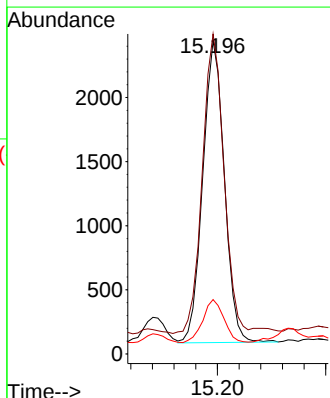
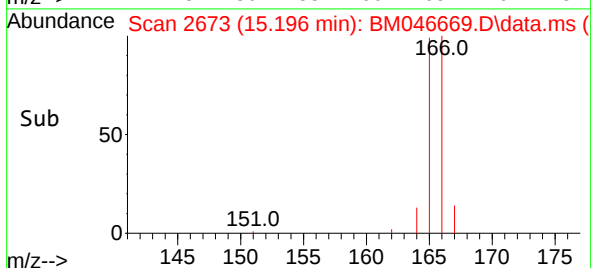
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

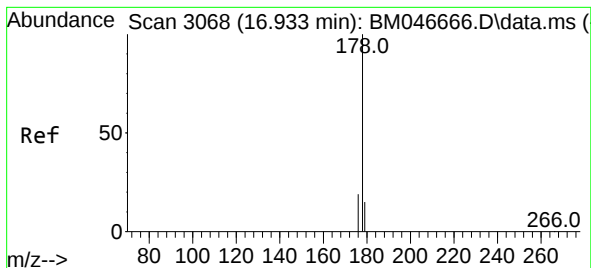


#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30



Tgt Ion:166 Resp: 3258
Ion Ratio Lower Upper
166 100
165 102.1 76.1 114.1
167 17.3 12.5 18.7





#15

Phenanthrene

Concen: 1.272 ng/ul

RT: 16.934 min Scan# 3068

Delta R.T. -0.009 min

Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

Instrument :

BNA_M

ClientSampleId :

A4BS3DL

Tgt Ion:178 Resp: 41490

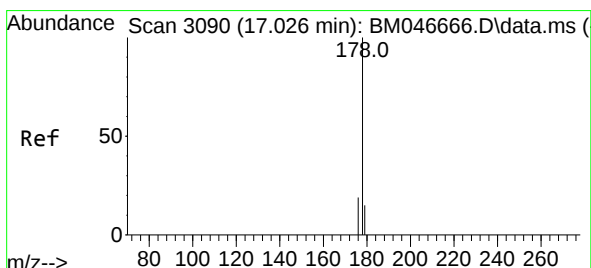
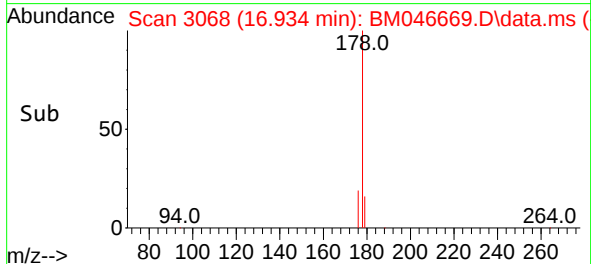
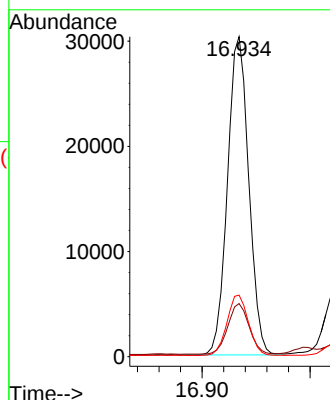
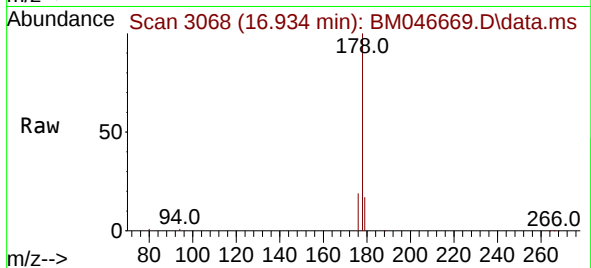
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.1	19.7
176	19.3	16.0	24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#16

Anthracene

Concen: 0.275 ng/ul

RT: 17.023 min Scan# 3089

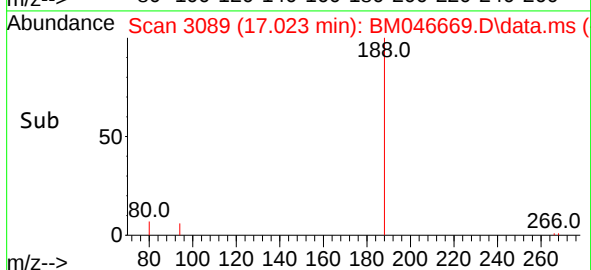
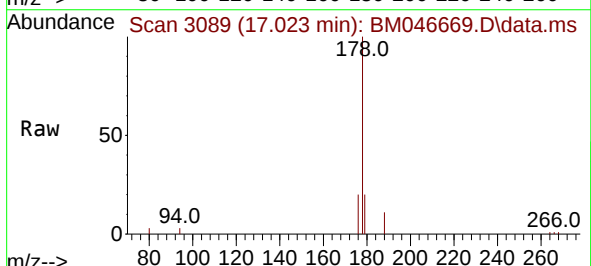
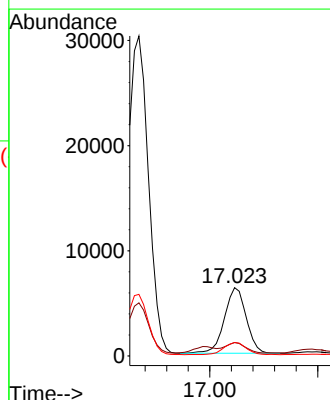
Delta R.T. -0.009 min

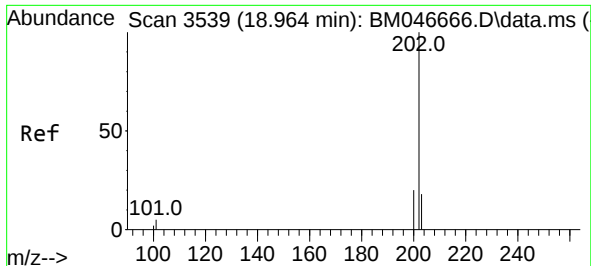
Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

Tgt Ion:178 Resp: 8765

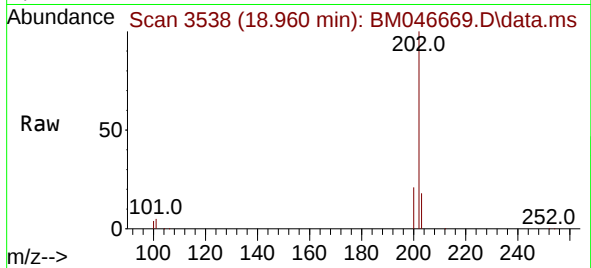
Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.5	20.3
176	19.8	15.7	23.5





#19
Fluoranthene
Concen: 1.438 ng/u1
RT: 18.960 min Scan# 3539
Delta R.T. -0.010 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

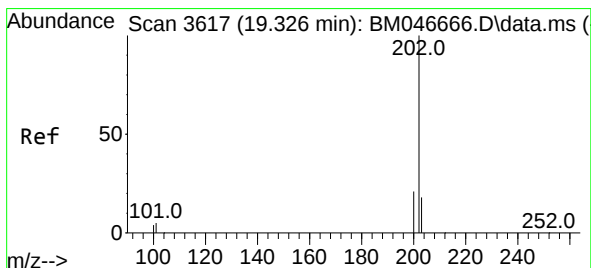
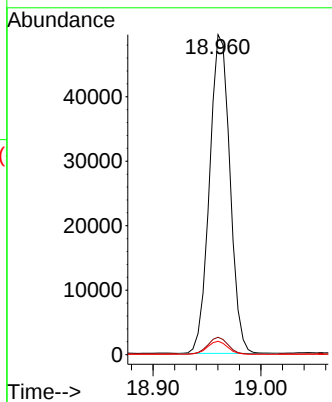
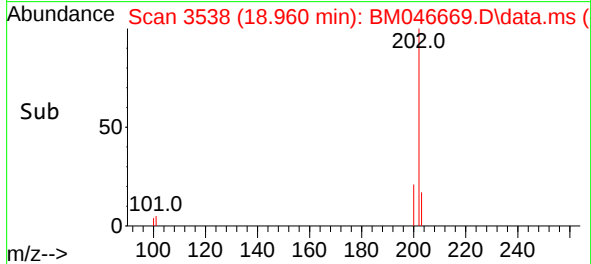
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



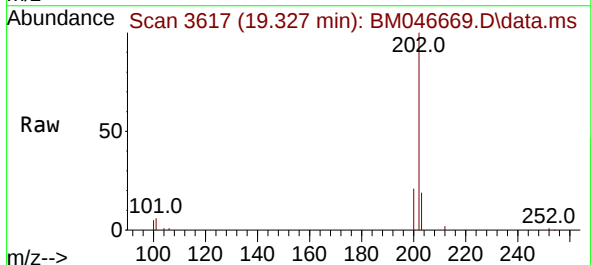
Tgt Ion:202 Resp: 65109
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.2 3.0 4.6

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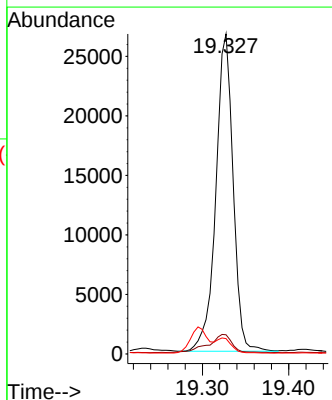
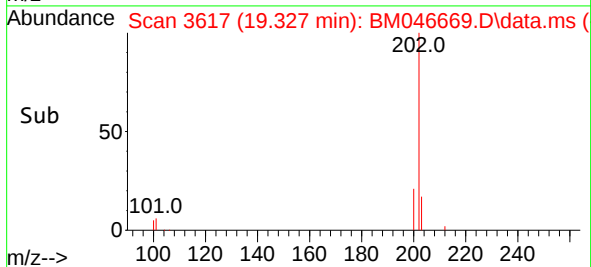
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

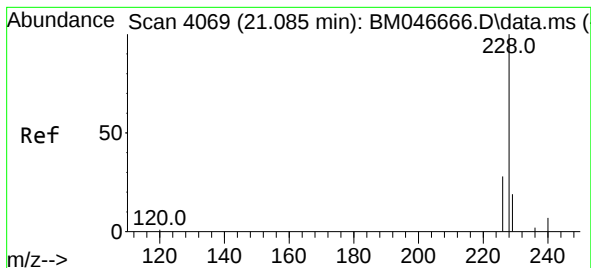


#20
Pyrene
Concen: 0.757 ng/u1
RT: 19.327 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30



Tgt Ion:202 Resp: 37122
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.8 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.613 ng/ul

RT: 21.087 min Scan# 4069

Delta R.T. -0.000 min

Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

Instrument :

BNM

ClientSampleId :

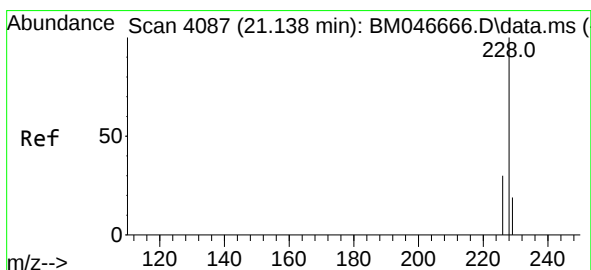
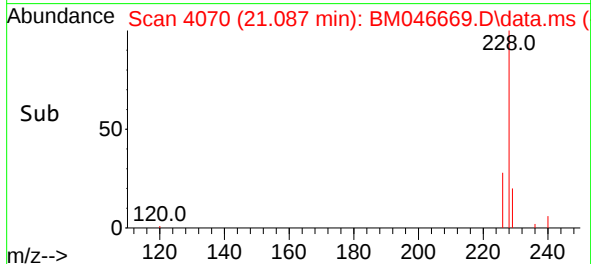
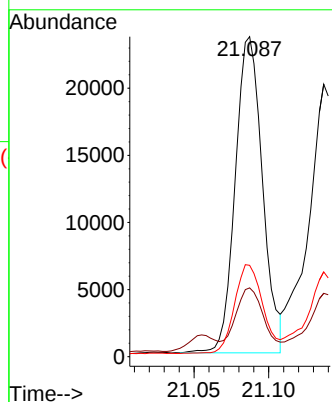
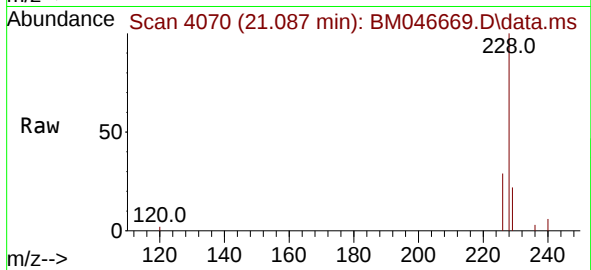
A4BS3DL

Tgt Ion:	228	Resp:	2988
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.5	24.7
226	28.6	22.5	33.7

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#22

Chrysene

Concen: 0.602 ng/ul

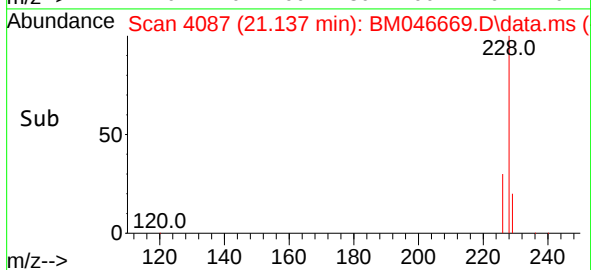
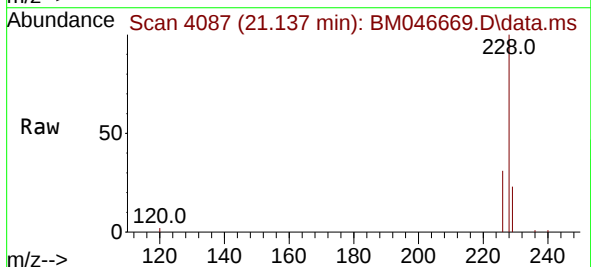
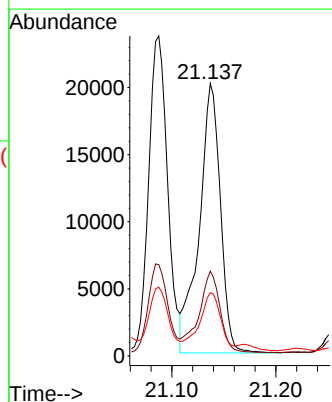
RT: 21.137 min Scan# 4087

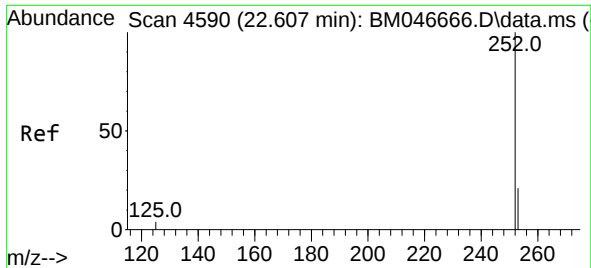
Delta R.T. -0.003 min

Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

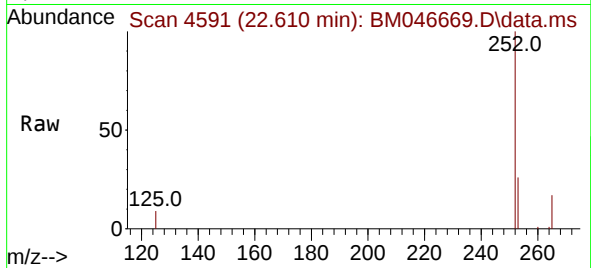
Tgt Ion:	228	Resp:	28400
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.3	36.5
229	23.2	16.4	24.6





#24
Benzo(b)fluoranthene
Concen: 0.756 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.000 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

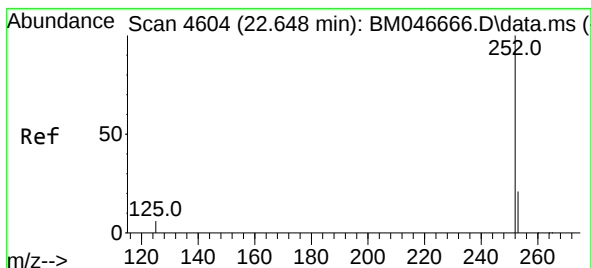
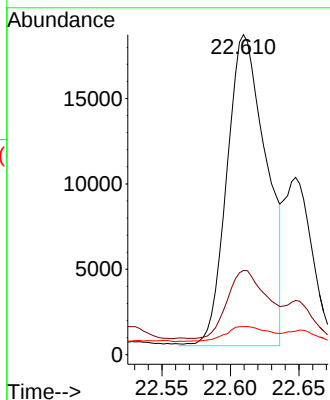
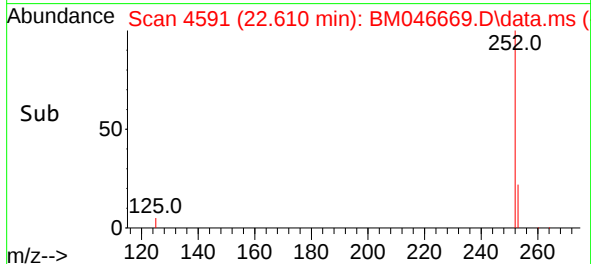
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



Tgt Ion:252 Resp: 3634
Ion Ratio Lower Upper
252 100
253 26.3 0.0 56.2
125 8.8 0.0 17.8

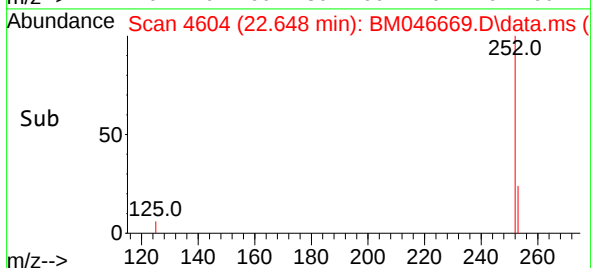
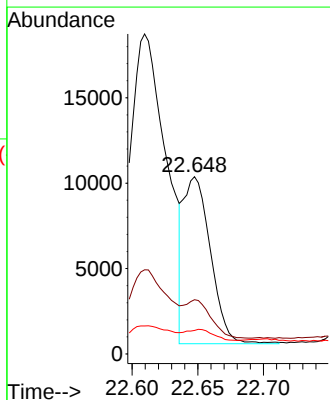
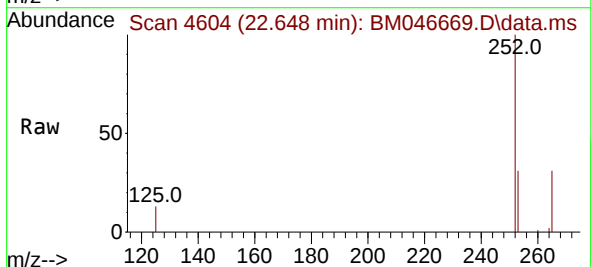
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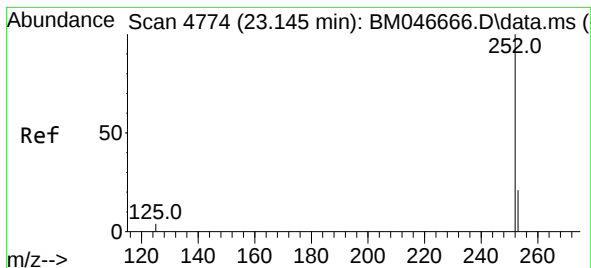
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#25
Benzo(k)fluoranthene
Concen: 0.297 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

Tgt Ion:252 Resp: 13993
Ion Ratio Lower Upper
252 100
253 30.6 22.4 33.6
125 13.2 7.0 10.4#





#26

Benzo(a)pyrene

Concen: 0.254 ng/ul

RT: 23.147 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

Instrument :

BNM_M

ClientSampleId :

A4BS3DL

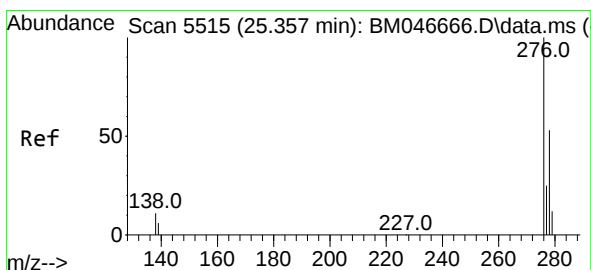
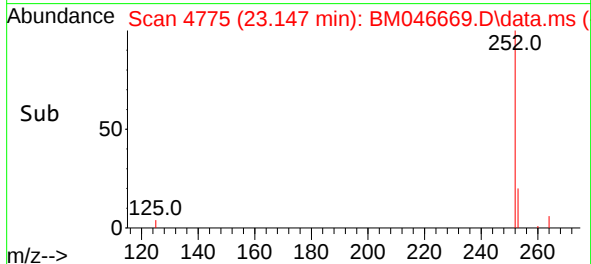
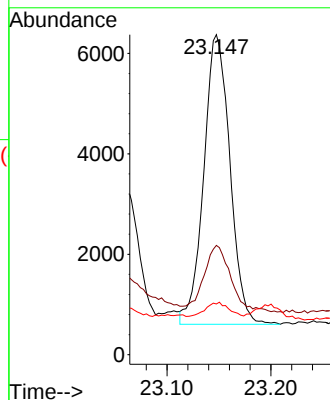
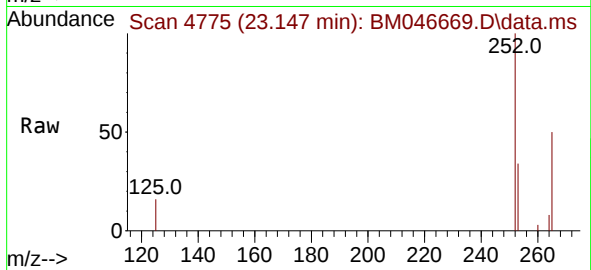
Tgt Ion:	252	Resp:	1006
Ion Ratio	Lower	Upper	
252	100		
253	34.1	24.0	36.0
125	15.9	8.2	12.2

Manual Integrations

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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: 0.164 ng/ul

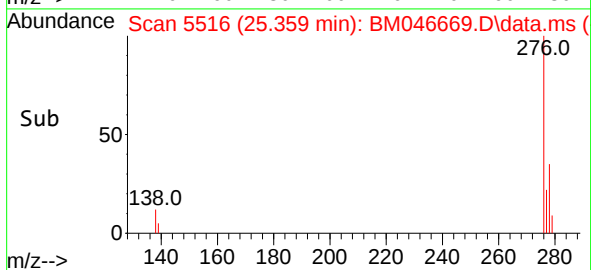
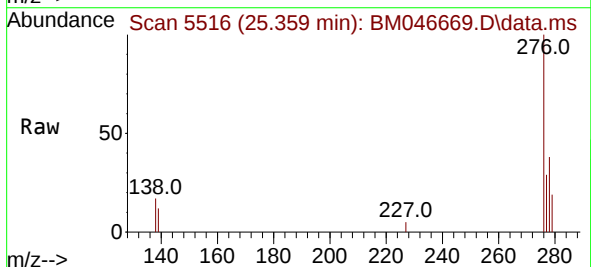
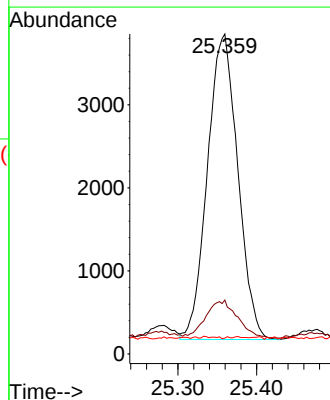
RT: 25.359 min Scan# 5516

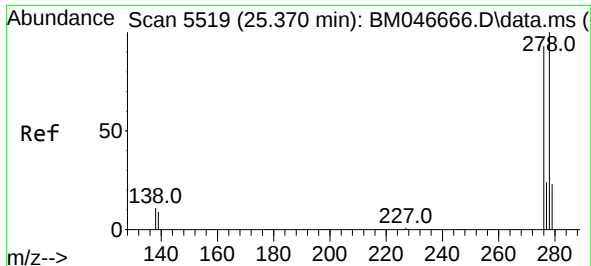
Delta R.T. -0.001 min

Lab File: BM046669.D

Acq: 17 Jul 2024 14:30

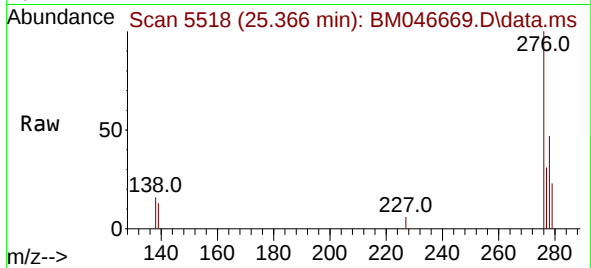
Tgt Ion:	276	Resp:	9854
Ion Ratio	Lower	Upper	
276	100		
138	13.1	0.0	0.0#
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.366 min Scan# 5519
Delta R.T. -0.017 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30

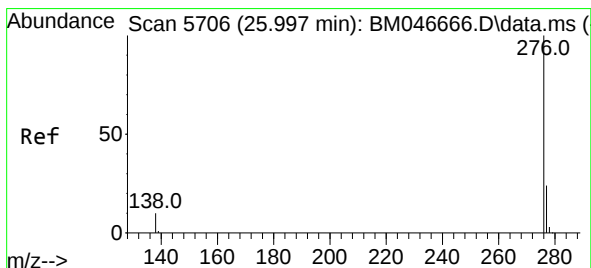
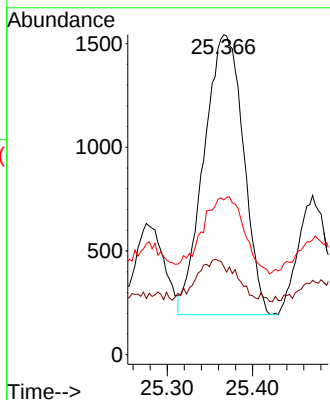
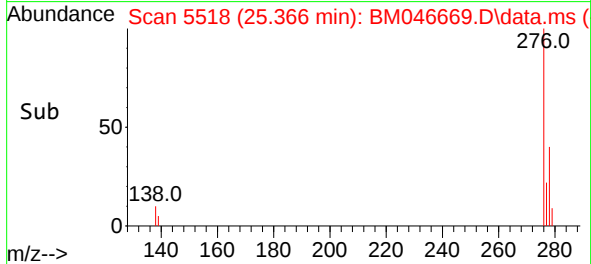
Instrument :
BNA_M
ClientSampleId :
A4BS3DL



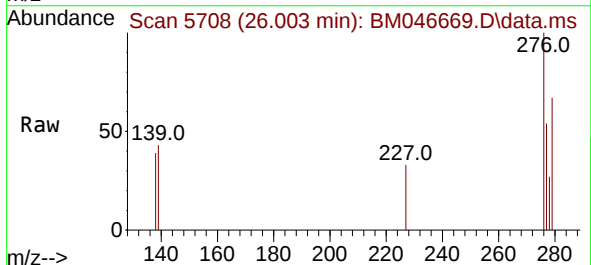
Tgt Ion:278 Resp: 4332
Ion Ratio Lower Upper
278 100
139 27.5 9.1 13.7#
279 48.3 23.2 34.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.003 min Scan# 5708
Delta R.T. -0.001 min
Lab File: BM046669.D
Acq: 17 Jul 2024 14:30



Tgt Ion:276 Resp: 1380
Ion Ratio Lower Upper
276 100
138 39.3 10.2 15.4#
277 54.0 20.9 31.3#

