

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046678.D
 Acq On : 17 Jul 2024 20:07
 Operator : MA/JU
 Sample : P3177-16DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BY2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:02:12 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	3116	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.254	136	8744	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.141	164	5827	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.892	188	12698	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.102	240	8363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	9925	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	718	0.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	403	0.029	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	803	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.304	128	2572	0.116	ng/ul	95
7) 2-Methylnaphthalene	11.932	142	1221	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.152	142	882	0.055	ng/ul	99
10) Acenaphthylene	13.854	152	10893	0.411	ng/ul	98
11) Acenaphthene	14.201	153	2930	0.165	ng/ul	98
12) Fluorene	15.196	166	3994	0.182	ng/ul	94
14) Pentachlorophenol	16.554	266	166	0.026	ng/ul	90
15) Phenanthrene	16.934	178	95662	2.640	ng/ul	98
16) Anthracene	17.023	178	20250	0.573	ng/ul	100
19) Fluoranthene	18.965	202	257048	7.483	ng/ul	99
20) Pyrene	19.327	202	139389	3.748	ng/ul	99
21) Benzo(a)anthracene	21.087	228	93439	2.526	ng/ul	96
22) Chrysene	21.137	228	122889	3.433	ng/ul	98
24) Benzo(b)fluoranthene	22.609	252	184455m	4.653	ng/ul	
25) Benzo(k)fluoranthene	22.647	252	64914m	1.668	ng/ul	
26) Benzo(a)pyrene	23.147	252	41223	1.263	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.359	276	55837	1.125	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.369	278	22110	0.562	ng/ul#	85
29) Benzo(g,h,i)perylene	26.007	276	7963	0.201	ng/ul#	66

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

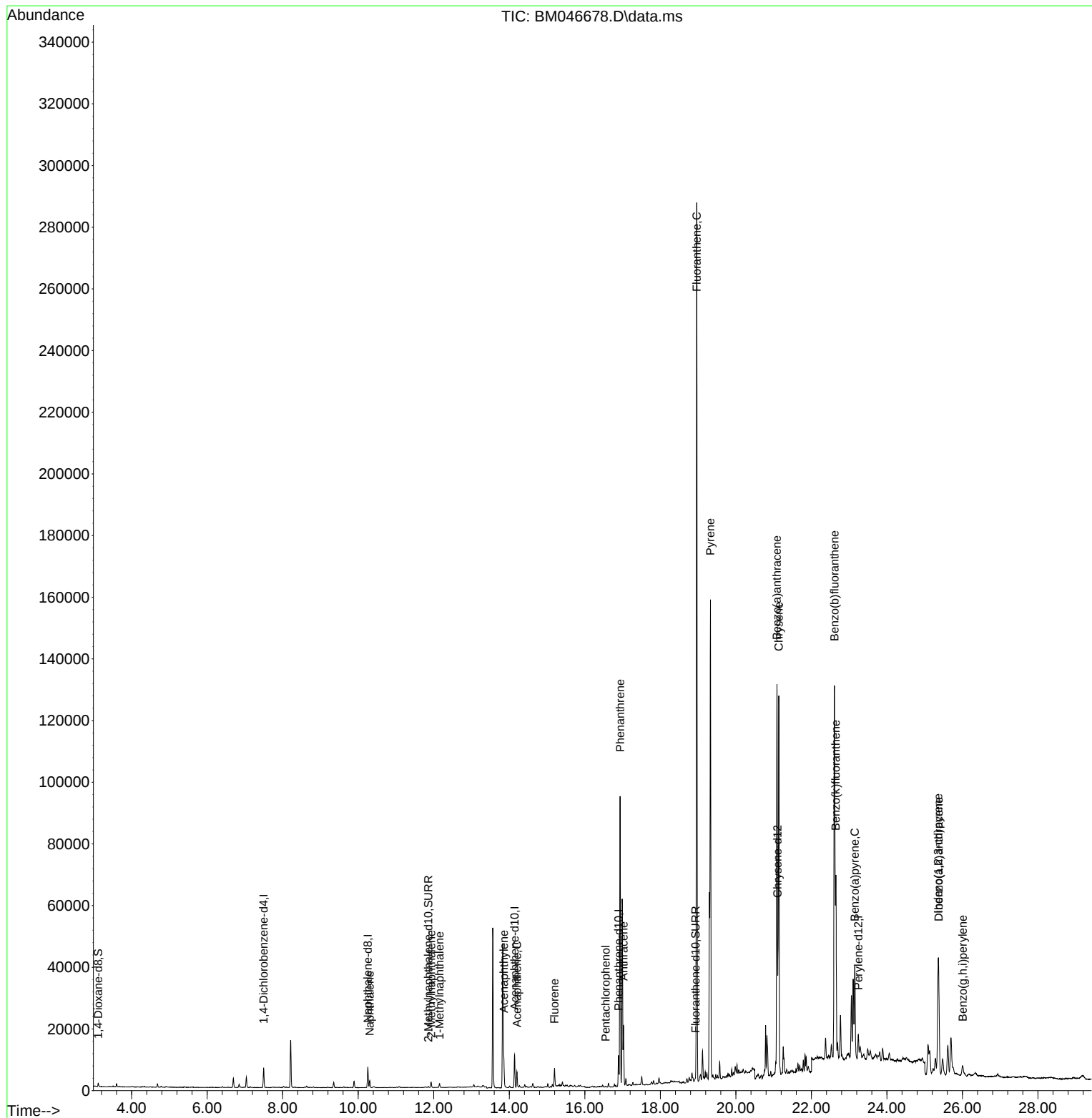
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046678.D
Acq On : 17 Jul 2024 20:07
Operator : MA/JU
Sample : P3177-16DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

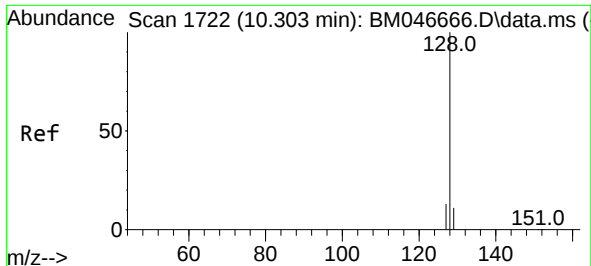
Instrument :
BNA_M
ClientSampleId :
A4BY2DL

Quant Time: Jul 17 23:02:12 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

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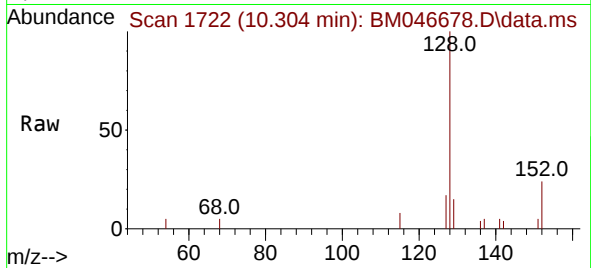
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

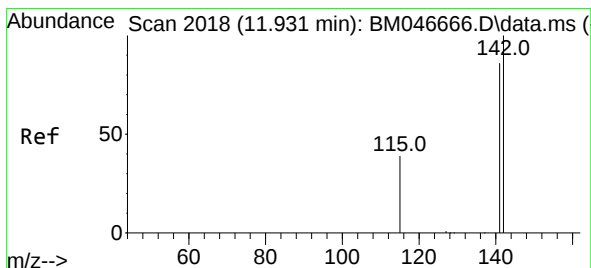
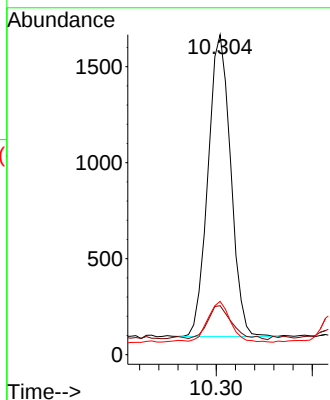
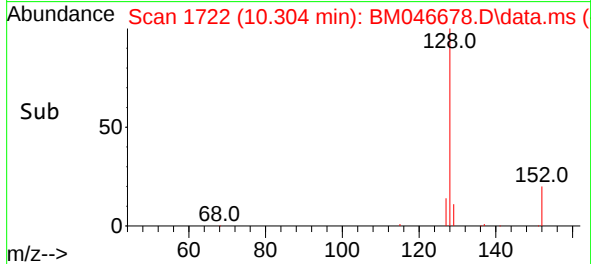
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:128 Resp: 2572
Ion Ratio Lower Upper
128 100
129 15.3 10.3 15.5
127 16.7 12.2 18.4

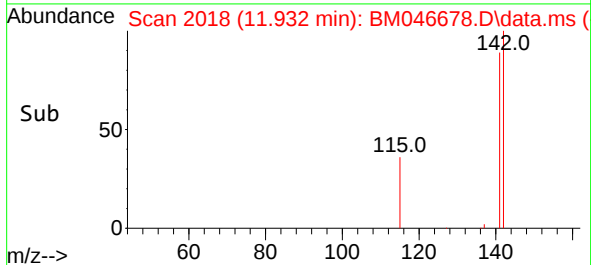
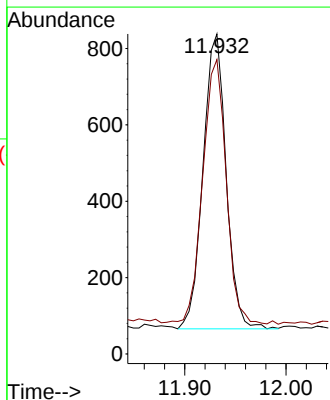
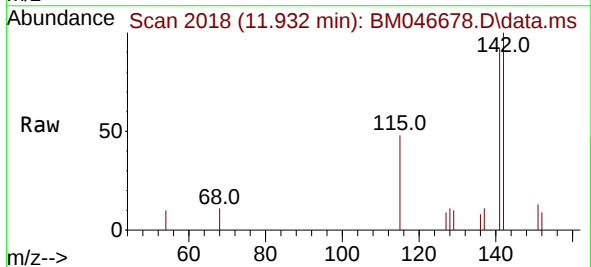
Manual Integrations
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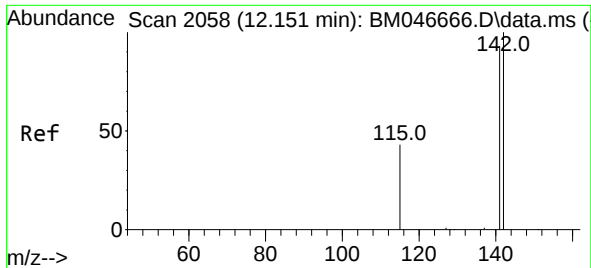
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

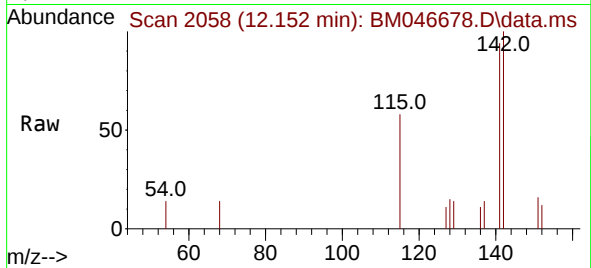
Tgt Ion:142 Resp: 1221
Ion Ratio Lower Upper
142 100
141 91.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.012 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

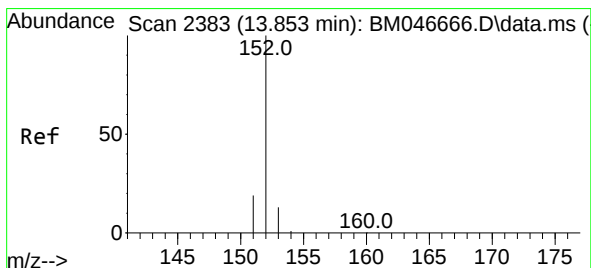
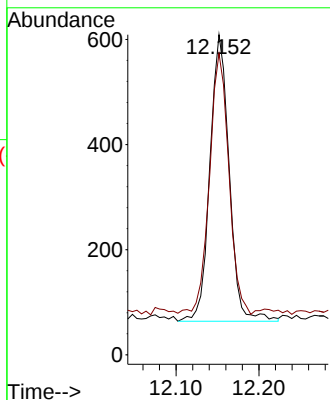
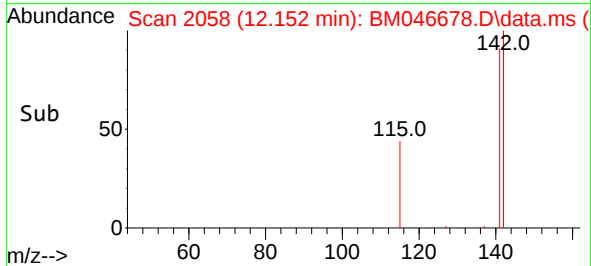
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:142 Resp: 882
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9

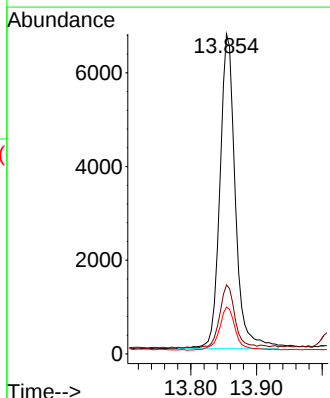
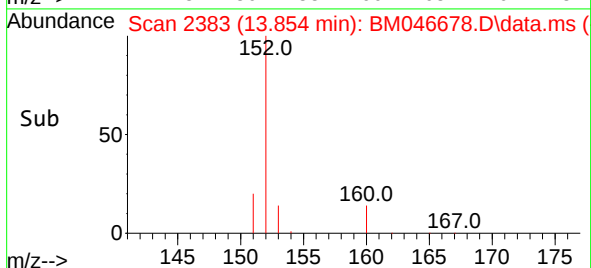
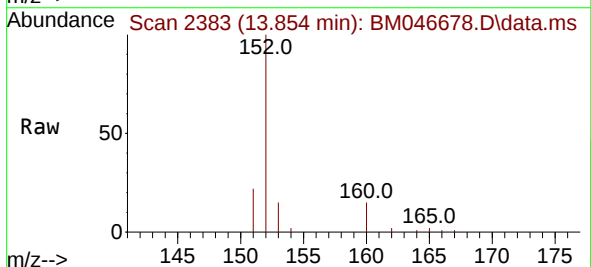
Manual Integrations
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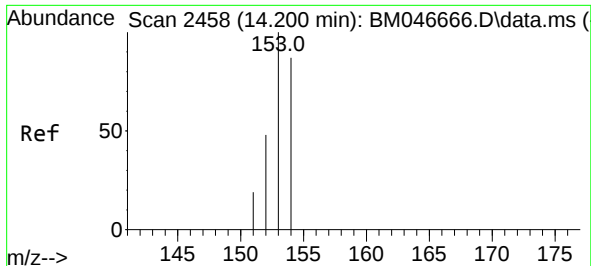
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

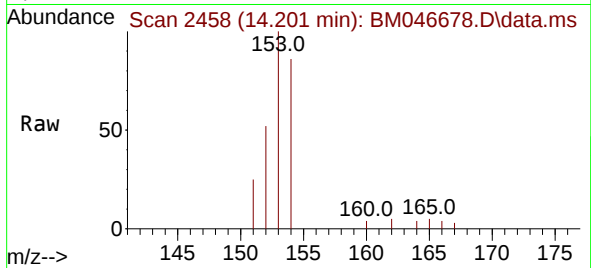
Tgt Ion:152 Resp: 10893
Ion Ratio Lower Upper
152 100
151 21.5 16.4 24.6
153 14.7 12.4 18.6





#11
Acenaphthene
Concen: 0.165 ng/ul
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

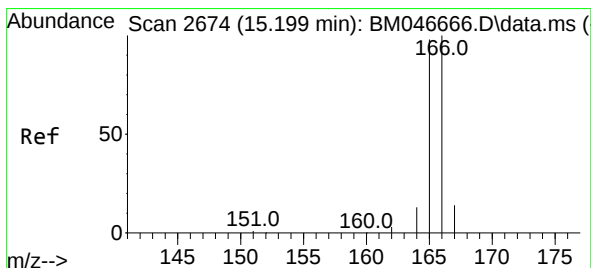
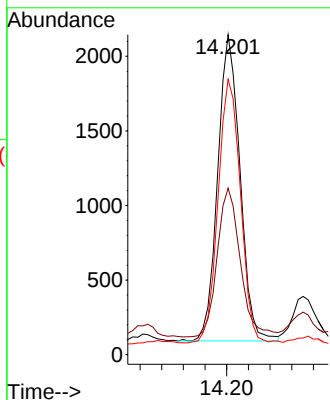
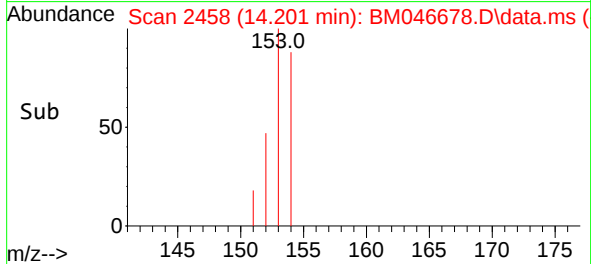
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:153 Resp: 2930
Ion Ratio Lower Upper
153 100
152 52.1 43.0 64.6
154 86.1 69.9 104.9

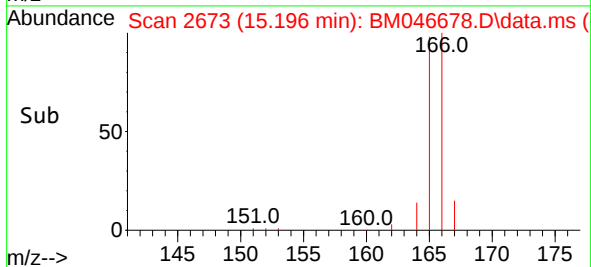
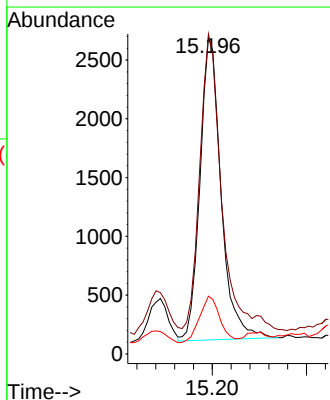
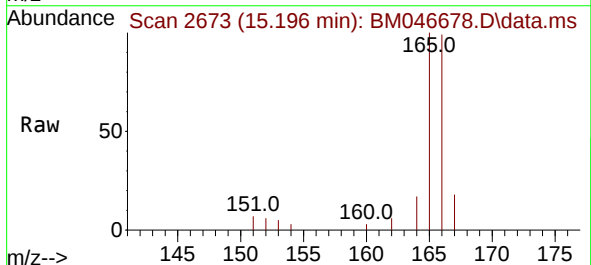
Manual Integrations
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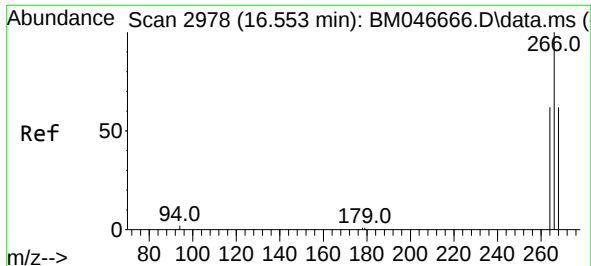
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.182 ng/ul
RT: 15.196 min Scan# 2673
Delta R.T. -0.010 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

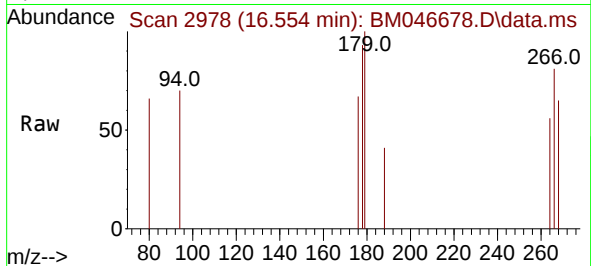
Tgt Ion:166 Resp: 3994
Ion Ratio Lower Upper
166 100
165 101.3 76.1 114.1
167 18.3 12.5 18.7





#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.001 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

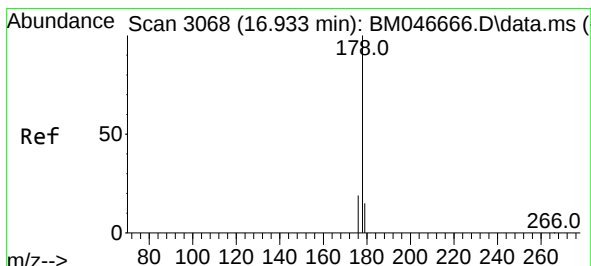
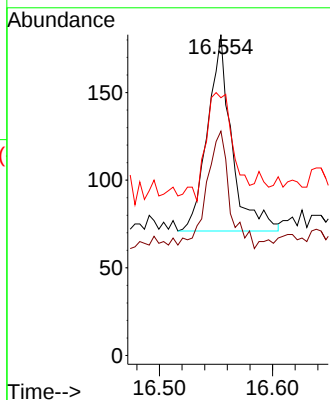
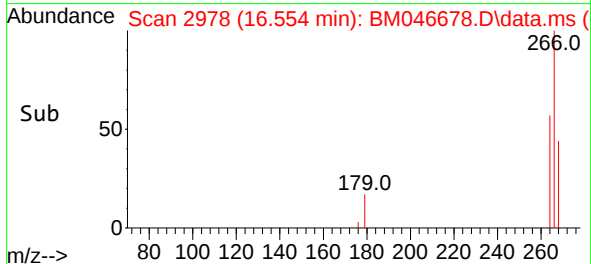
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 54.2 50.1 75.1
268 58.4 52.5 78.7

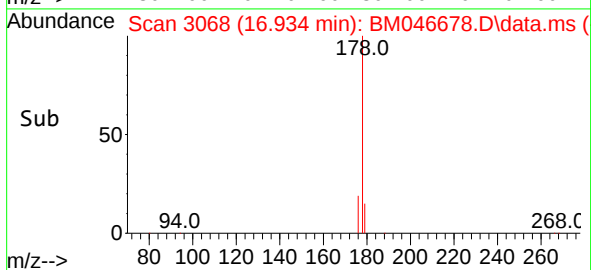
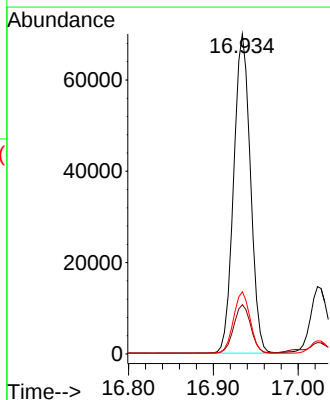
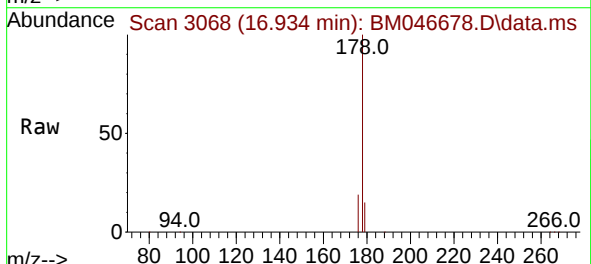
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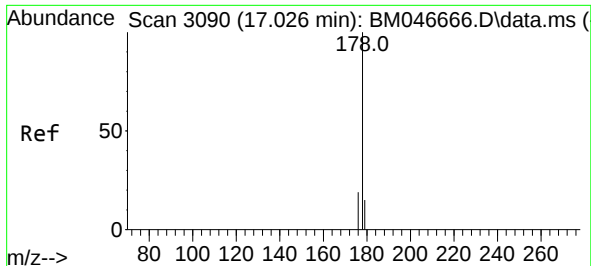
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 2.640 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

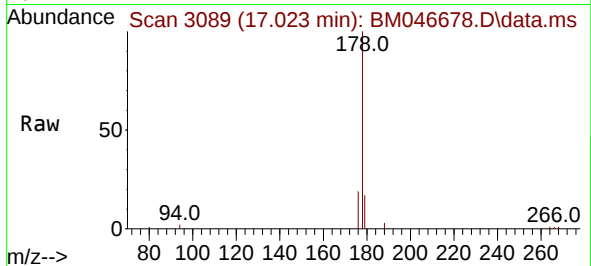
Tgt Ion:178 Resp: 95662
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.5 16.0 24.0





#16
Anthracene
Concen: 0.573 ng/ul
RT: 17.023 min Scan# 3090
Delta R.T. -0.009 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

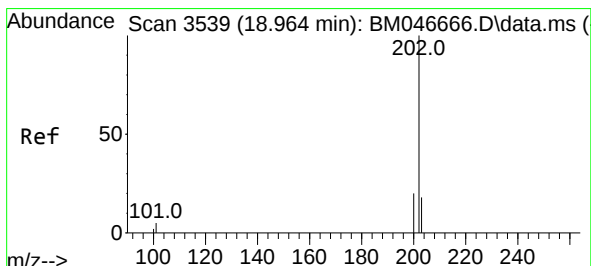
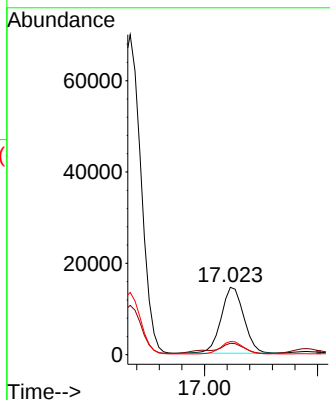
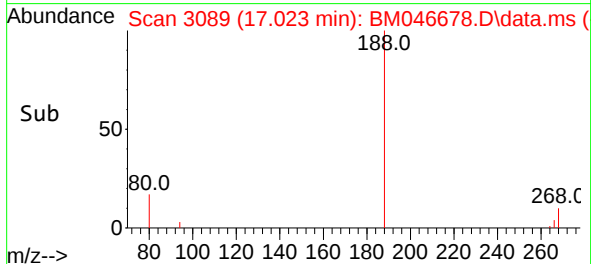
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:178 Resp: 20250
Ion Ratio Lower Upper
178 100
179 16.8 13.5 20.3
176 19.4 15.7 23.5

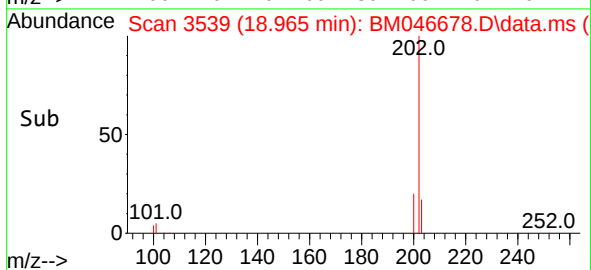
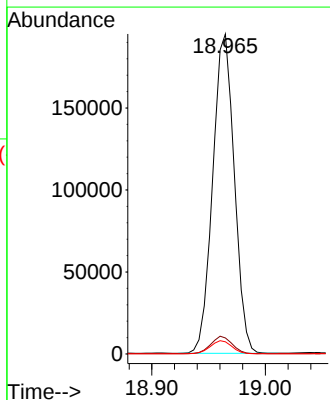
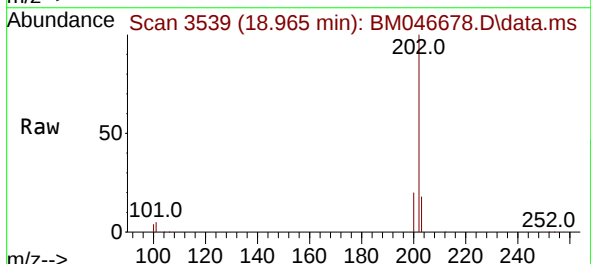
Manual Integrations
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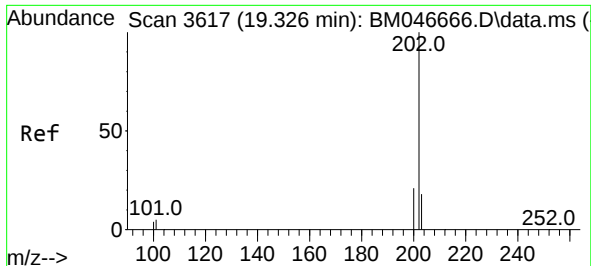
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#19
Fluoranthene
Concen: 7.483 ng/ul
RT: 18.965 min Scan# 3539
Delta R.T. -0.005 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

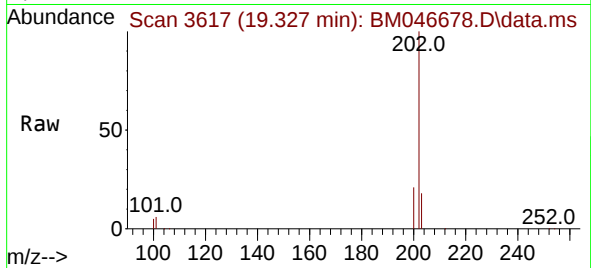
Tgt Ion:202 Resp: 257048
Ion Ratio Lower Upper
202 100
101 5.0 4.6 6.8
100 3.8 3.0 4.6





#20
Pyrene
Concen: 3.748 ng/ul
RT: 19.327 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

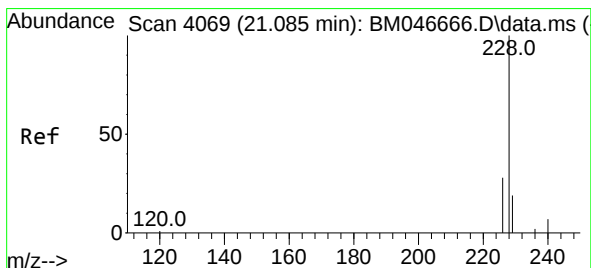
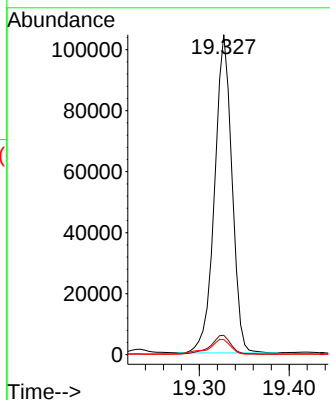
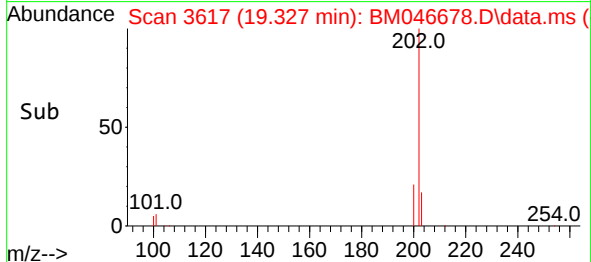
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



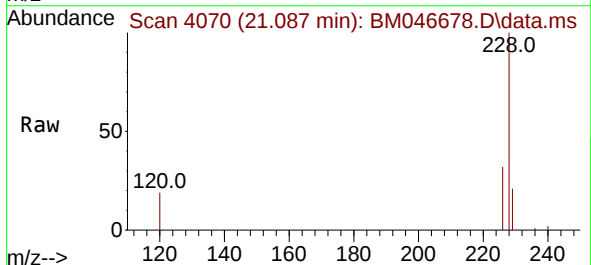
Tgt Ion:202 Resp: 139389
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.7 3.8 5.6

Manual Integrations
APPROVED

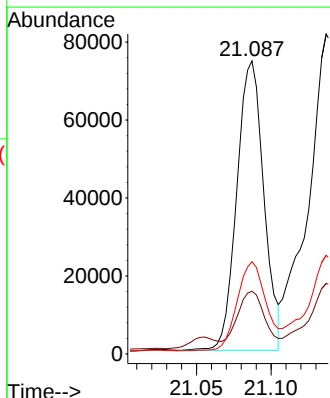
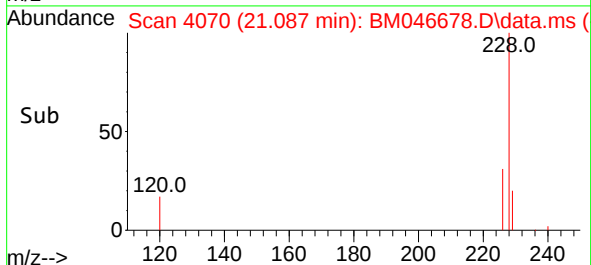
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

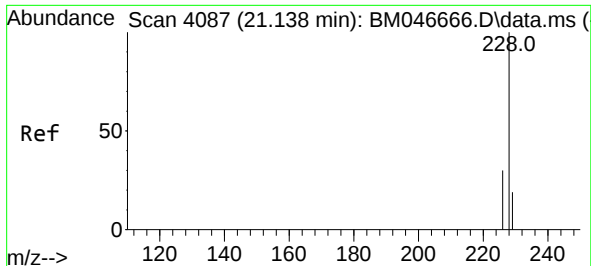


#21
Benzo(a)anthracene
Concen: 2.526 ng/ul
RT: 21.087 min Scan# 4070
Delta R.T. -0.001 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07



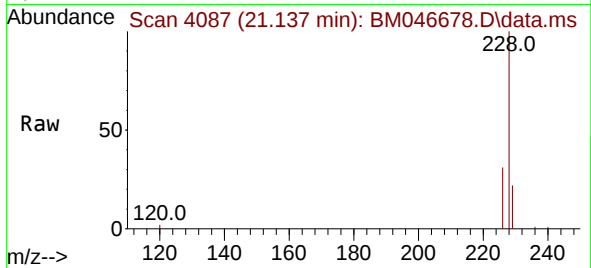
Tgt Ion:228 Resp: 93439
Ion Ratio Lower Upper
228 100
229 21.4 16.5 24.7
226 31.5 22.5 33.7





#22
Chrysene
Concen: 3.433 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

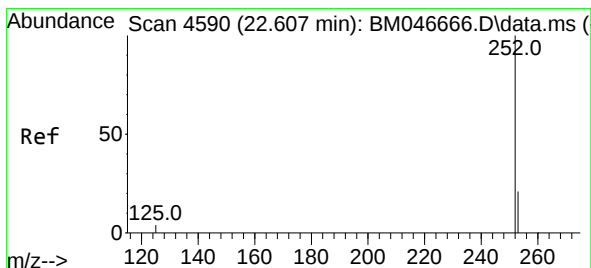
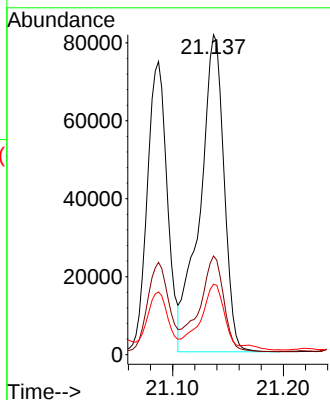
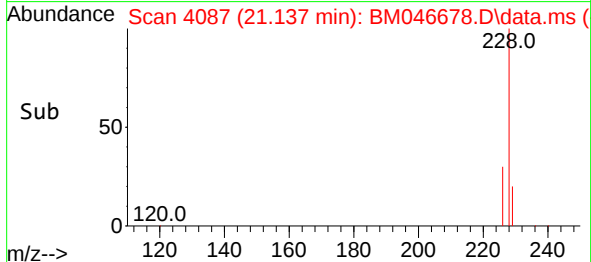
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:228 Resp: 122889
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.0 16.4 24.6

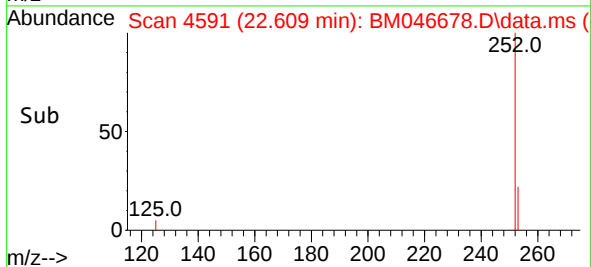
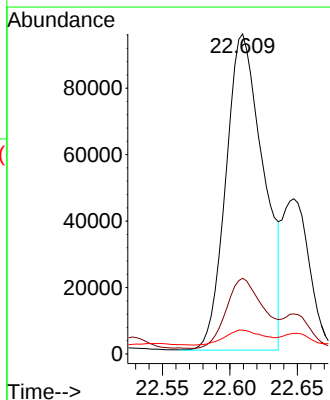
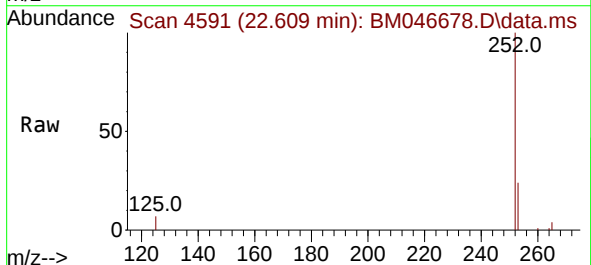
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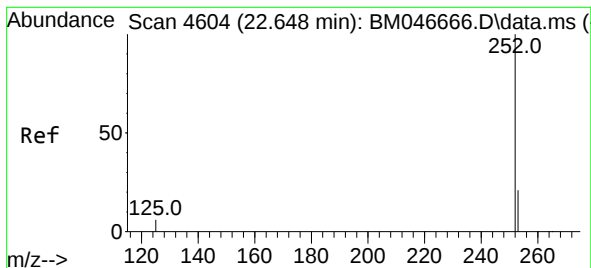
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 4.653 ng/ul m
RT: 22.609 min Scan# 4591
Delta R.T. -0.001 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

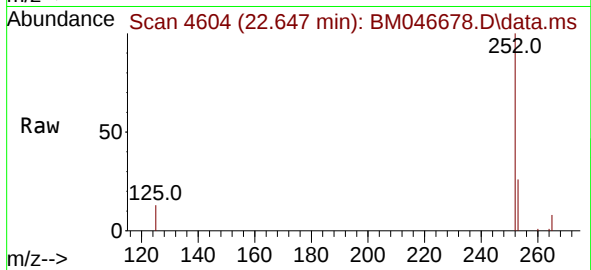
Tgt Ion:252 Resp: 184455
Ion Ratio Lower Upper
252 100
253 23.6 0.0 56.2
125 7.5 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 1.668 ng/ul m
RT: 22.647 min Scan# 4604
Delta R.T. -0.003 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

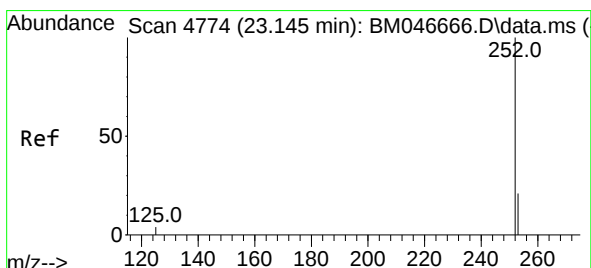
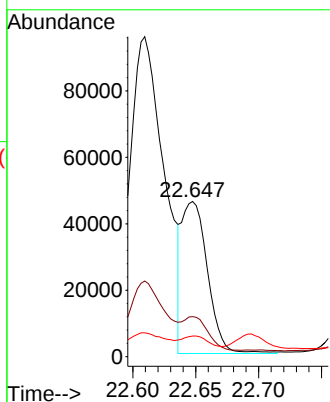
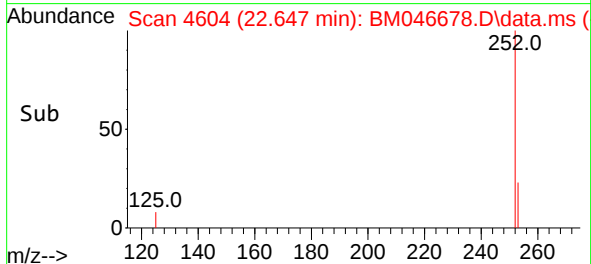
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:252 Resp: 64914
Ion Ratio Lower Upper
252 100
253 25.8 22.4 33.6
125 13.3 7.0 10.4

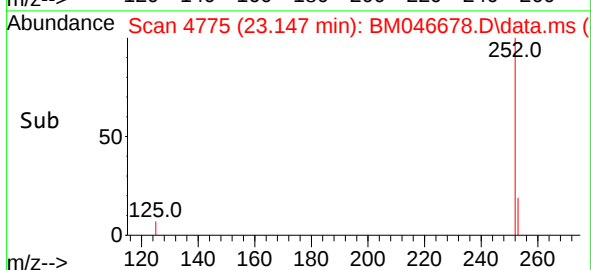
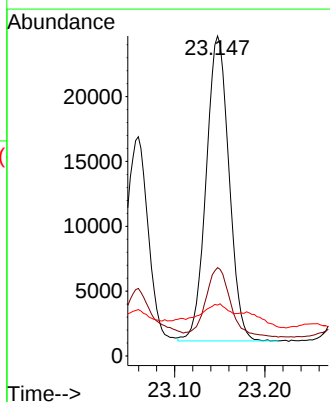
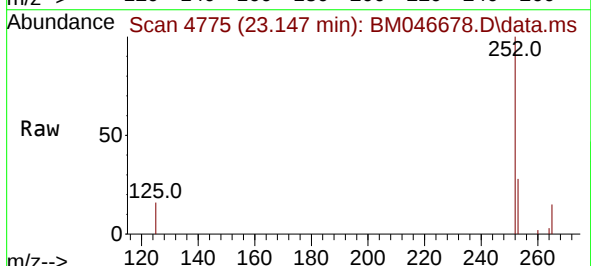
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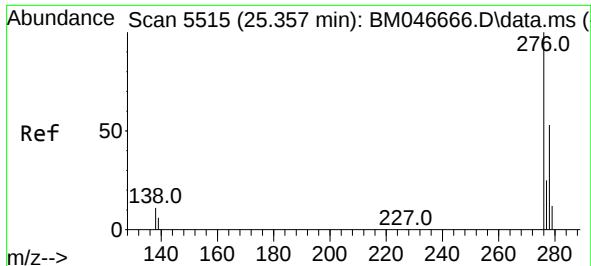
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 1.263 ng/ul
RT: 23.147 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

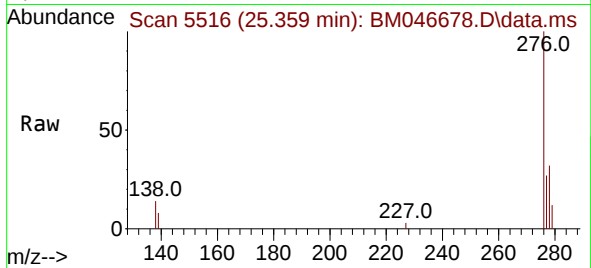
Tgt Ion:252 Resp: 41223
Ion Ratio Lower Upper
252 100
253 27.6 24.0 36.0
125 15.9 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.125 ng/ul
RT: 25.359 min Scan# 5515
Delta R.T. -0.001 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

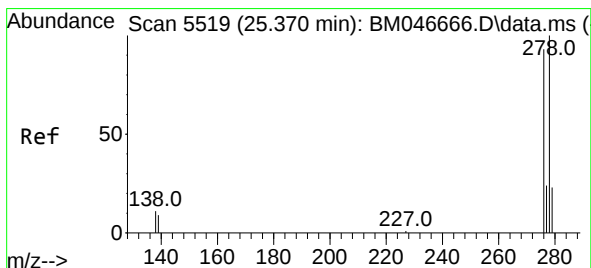
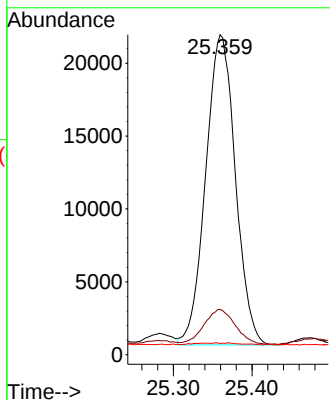
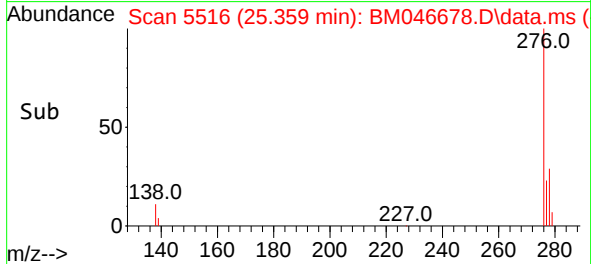
Instrument :
BNA_M
ClientSampleId :
A4BY2DL



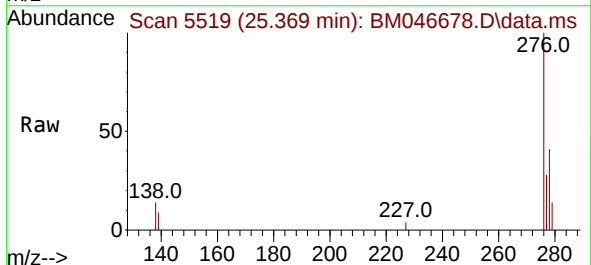
Tgt Ion:276 Resp: 5583
Ion Ratio Lower Upper
276 100
138 11.8 0.0 0.0
227 1.1 0.2 0.2

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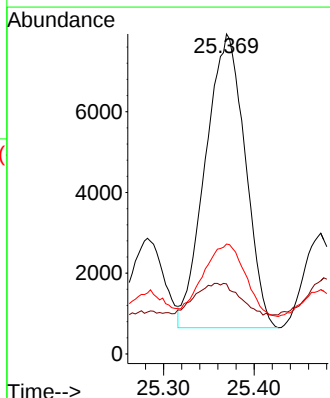
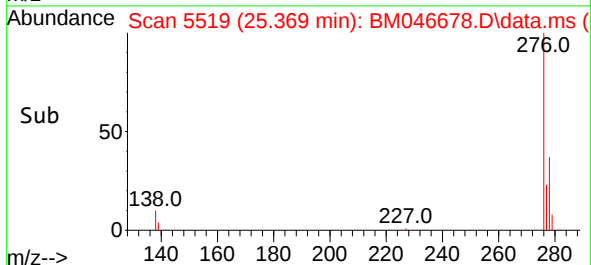
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

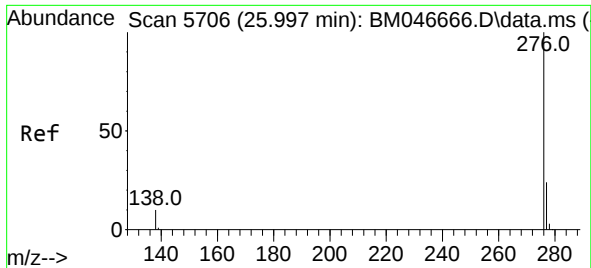


#28
Dibenzo(a,h)anthracene
Concen: 0.562 ng/ul
RT: 25.369 min Scan# 5519
Delta R.T. -0.014 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07



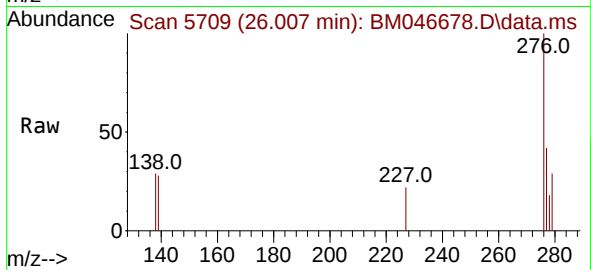
Tgt Ion:278 Resp: 22110
Ion Ratio Lower Upper
278 100
139 21.9 9.1 13.7
279 34.4 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.007 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046678.D
Acq: 17 Jul 2024 20:07

Instrument :
BNA_M
ClientSampleId :
A4BY2DL



Tgt Ion:276 Resp: 796
Ion Ratio Lower Upper
276 100
138 28.9 10.2 15.4
277 41.8 20.9 31.3

Manual Integrations
APPROVED

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

