

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
 Data File : BM046776.D
 Acq On : 23 Jul 2024 13:55
 Operator : MA/JU
 Sample : P3238-18DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 14:51:14 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 : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	2831	0.400	ng/ul	0.00
4) Naphthalene-d8	10.237	136	7680	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.122	164	5209	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.878	188	11394	0.400	ng/ul	0.00
17) Chrysene-d12	21.088	240	8844	0.400	ng/ul	# 0.00
23) Perylene-d12	23.218	264	8633	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	1247	0.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	491	0.040	ng/ul	-0.01
18) Fluoranthene-d10	18.917	212	1213	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	917	0.047	ng/ul#	88
7) 2-Methylnaphthalene	11.914	142	350	0.025	ng/ul	97
8) 1-Methylnaphthalene	12.134	142	309	0.022	ng/ul	96
10) Acenaphthylene	13.840	152	1766	0.074	ng/ul	94
11) Acenaphthene	14.186	153	1371	0.086	ng/ul	97
12) Fluorene	15.181	166	1728	0.088	ng/ul	98
15) Phenanthrene	16.916	178	40043	1.232	ng/ul	98
16) Anthracene	17.009	178	7090	0.223	ng/ul	99
19) Fluoranthene	18.950	202	88325	2.431	ng/ul	98
20) Pyrene	19.312	202	64948	1.651	ng/ul	98
21) Benzo(a)anthracene	21.071	228	37496	0.958	ng/ul	98
22) Chrysene	21.123	228	38465	1.016	ng/ul	99
24) Benzo(b)fluoranthene	22.593	252	47732m	1.384	ng/ul	
25) Benzo(k)fluoranthene	22.628	252	17951m	0.530	ng/ul	
26) Benzo(a)pyrene	23.128	252	19206	0.677	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.327	276	17084	0.396	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.340	278	5358	0.157	ng/ul#	79
29) Benzo(g,h,i)perylene	25.967	276	2898	0.084	ng/ul#	78

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

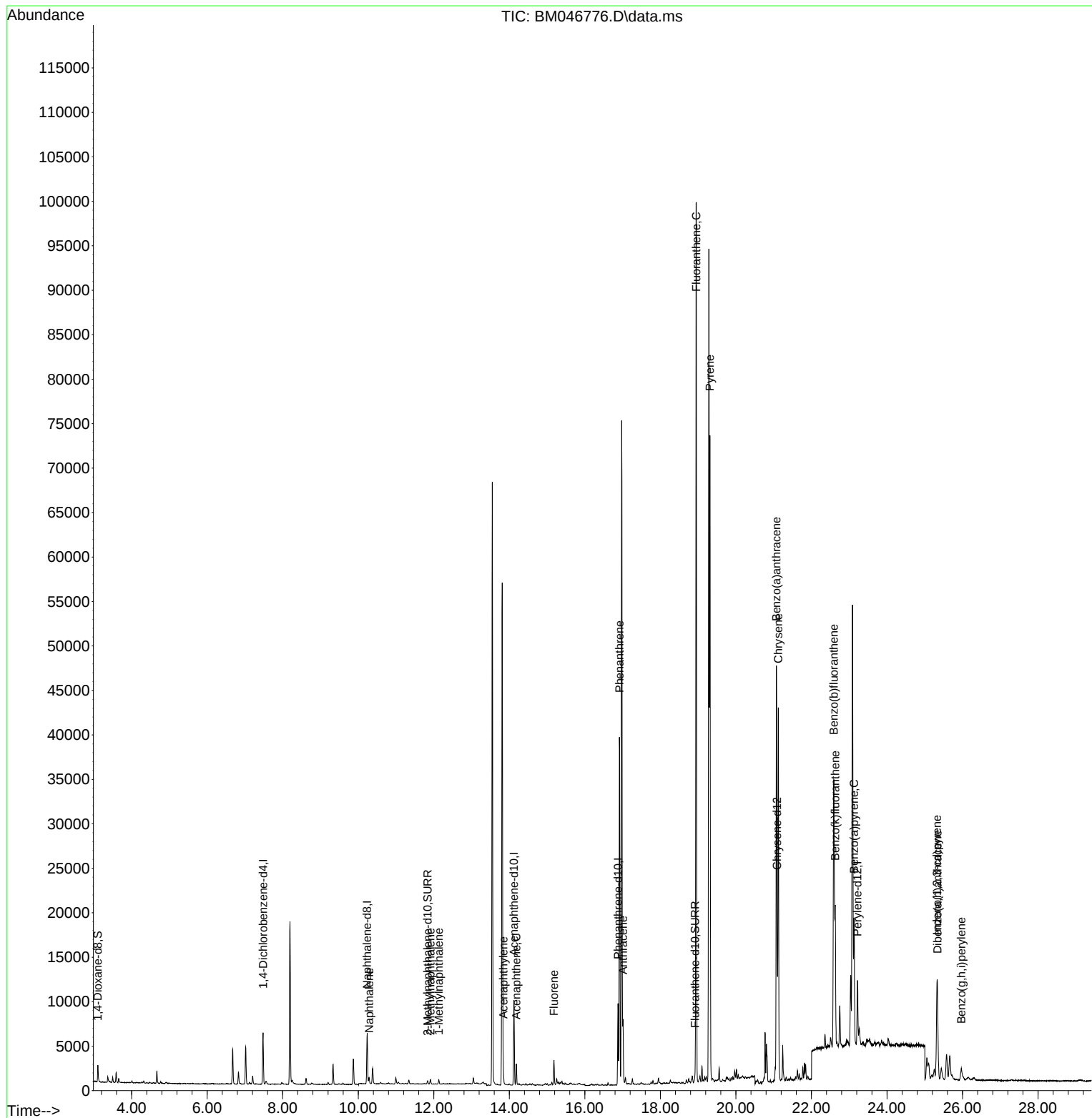
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072324\
Data File : BM046776.D
Acq On : 23 Jul 2024 13:55
Operator : MA/JU
Sample : P3238-18DL 5X
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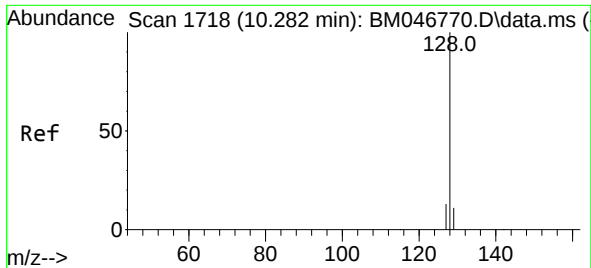
Instrument :
BNA_M
ClientSampleId :
A4CG8DL

Quant Time: Jul 23 14:51:14 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 : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration

Manual Integrations
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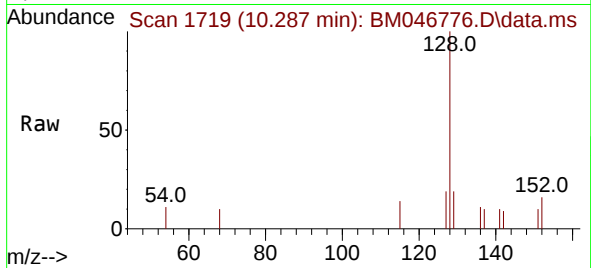
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.287 min Scan# 1719
Delta R.T. -0.011 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

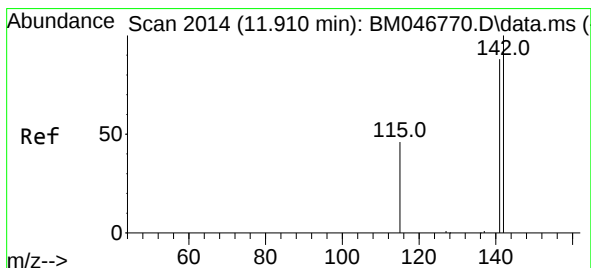
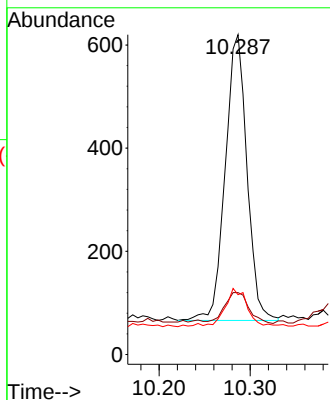
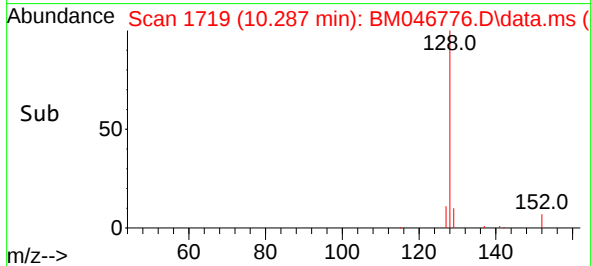
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:128 Resp: 917
Ion Ratio Lower Upper
128 100
129 19.4 10.3 15.5
127 18.7 12.2 18.4

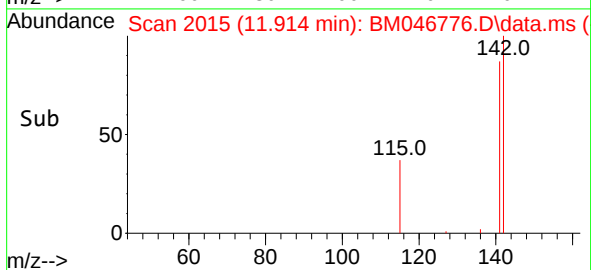
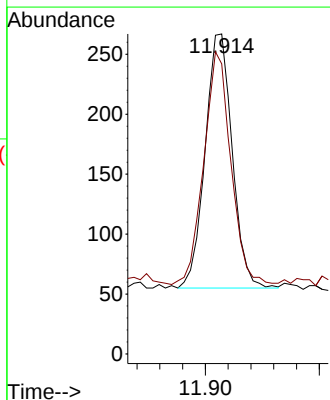
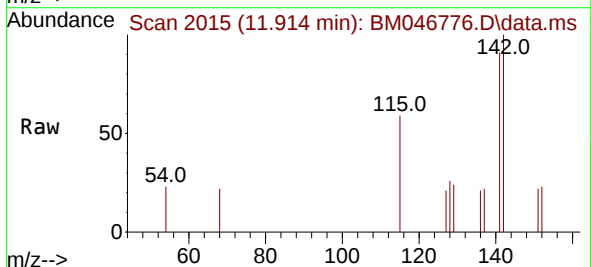
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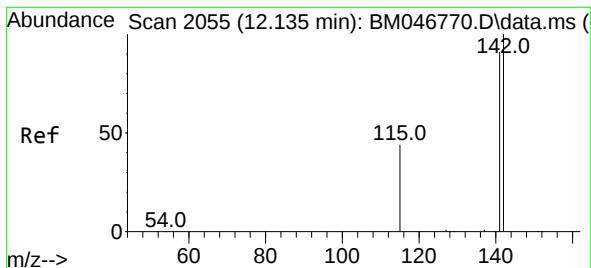
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.005 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
141 91.1 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.134 min Scan# 2055

Delta R.T. -0.011 min

Lab File: BM046776.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_M

ClientSampleId :

A4CG8DL

Tgt Ion:142 Resp: 309

Ion Ratio Lower Upper

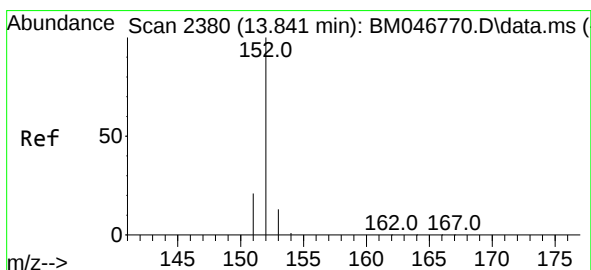
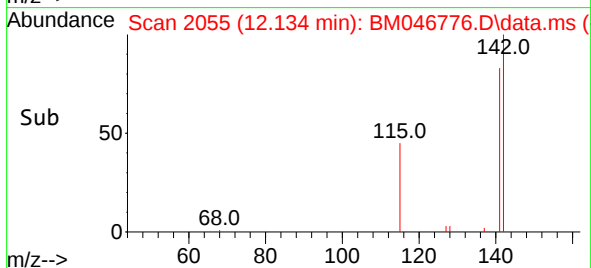
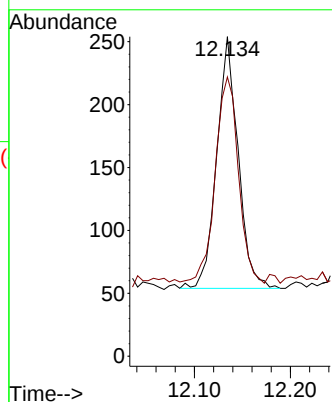
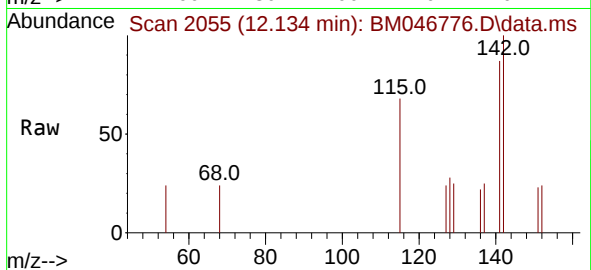
142 100

141 89.0 73.9 110.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#10

Acenaphthylene

Concen: 0.074 ng/ul

RT: 13.840 min Scan# 2380

Delta R.T. -0.009 min

Lab File: BM046776.D

Acq: 23 Jul 2024 13:55

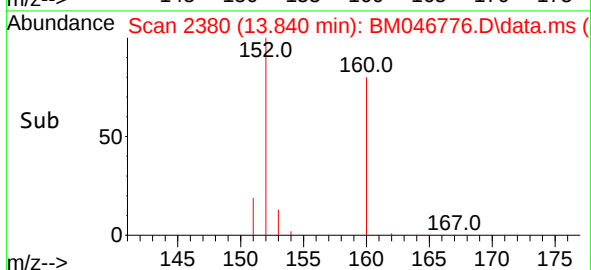
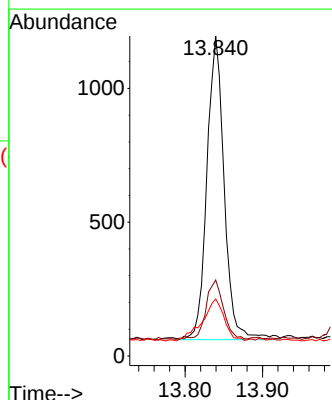
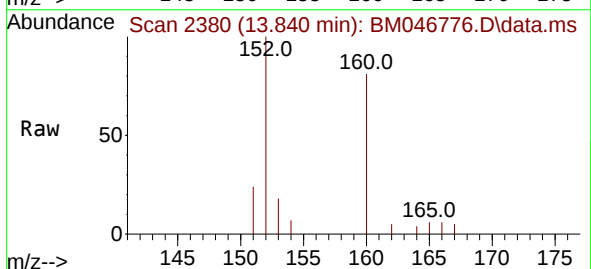
Tgt Ion:152 Resp: 1766

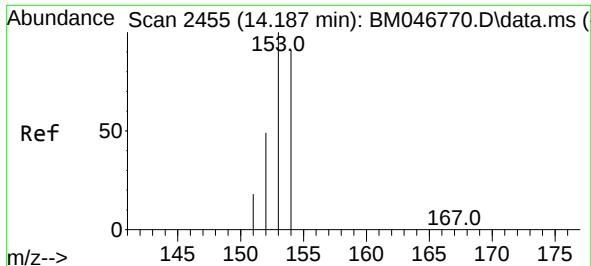
Ion Ratio Lower Upper

152 100

151 23.7 16.4 24.6

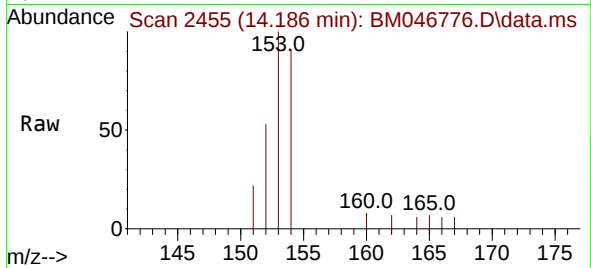
153 17.8 12.4 18.6





#11
Acenaphthene
Concen: 0.086 ng/u1
RT: 14.186 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

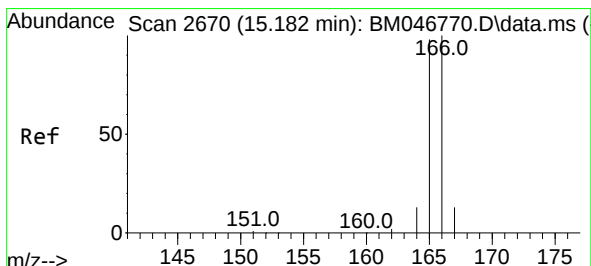
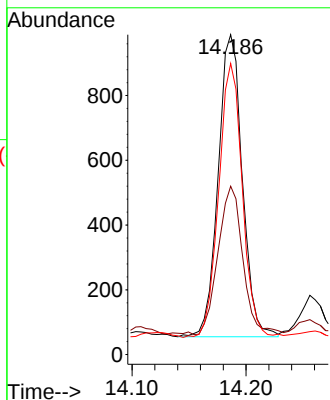
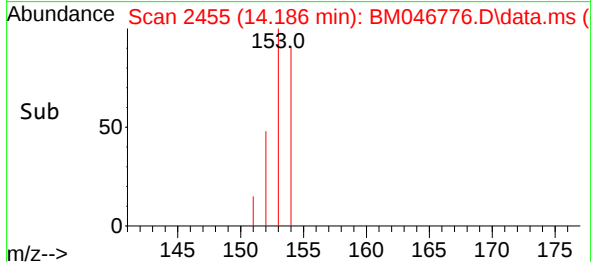
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:153 Resp: 137
Ion Ratio Lower Upper
153 100
152 52.6 43.0 64.6
154 91.0 69.9 104.9

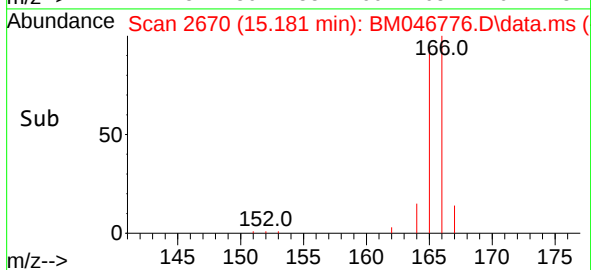
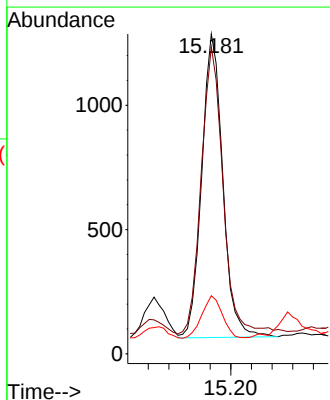
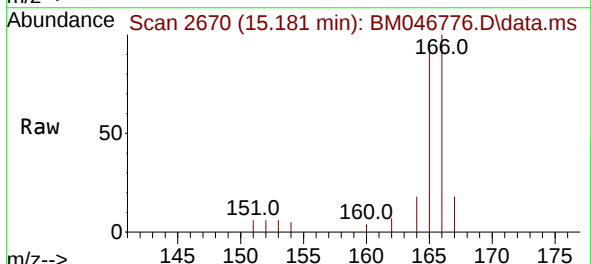
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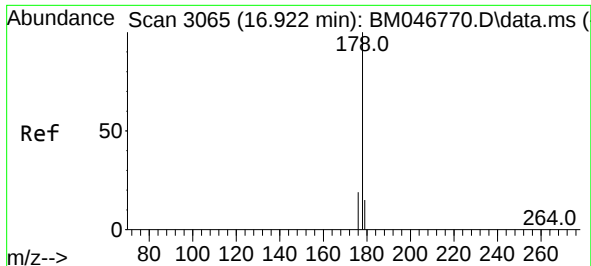
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#12
Fluorene
Concen: 0.088 ng/u1
RT: 15.181 min Scan# 2670
Delta R.T. -0.009 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

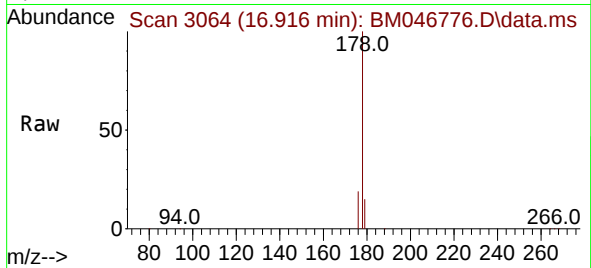
Tgt Ion:166 Resp: 1728
Ion Ratio Lower Upper
166 100
165 96.0 76.1 114.1
167 18.2 12.5 18.7





#15
Phenanthrene
Concen: 1.232 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

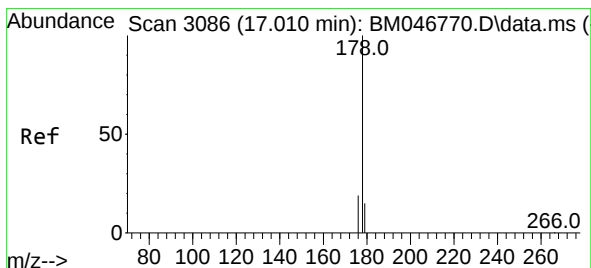
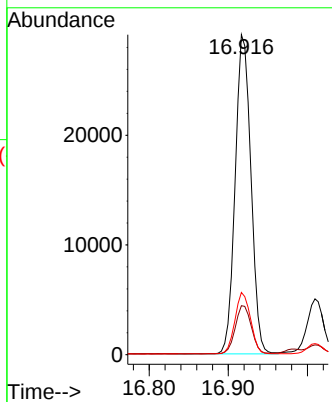
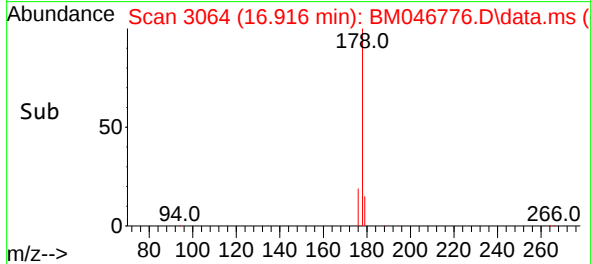
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:178 Resp: 4004
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 19.4 16.0 24.0

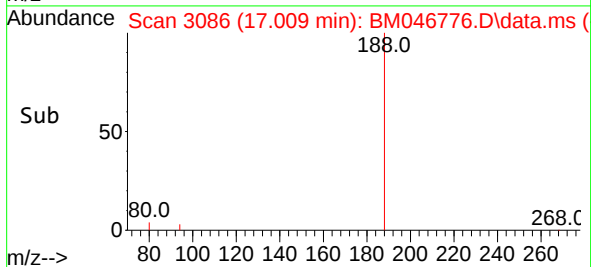
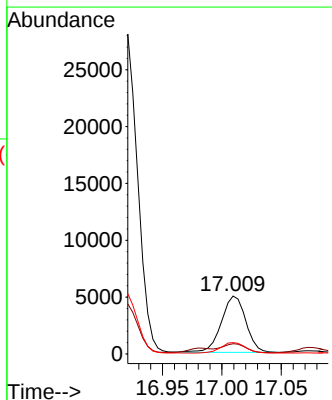
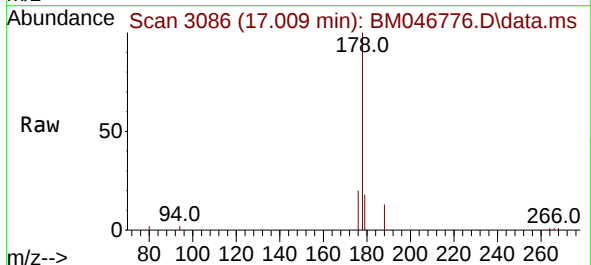
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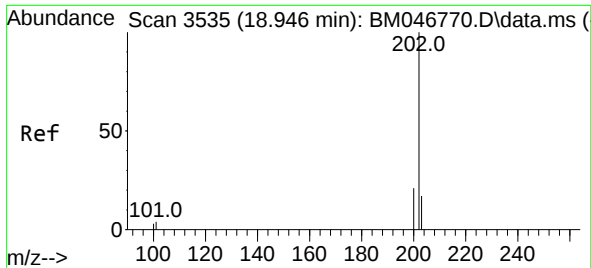
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#16
Anthracene
Concen: 0.223 ng/ul
RT: 17.009 min Scan# 3086
Delta R.T. -0.008 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

Tgt Ion:178 Resp: 7090
Ion Ratio Lower Upper
178 100
179 17.5 13.5 20.3
176 19.6 15.7 23.5





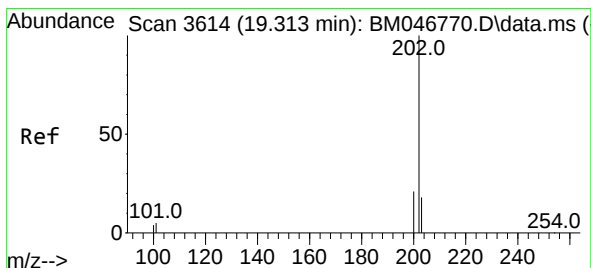
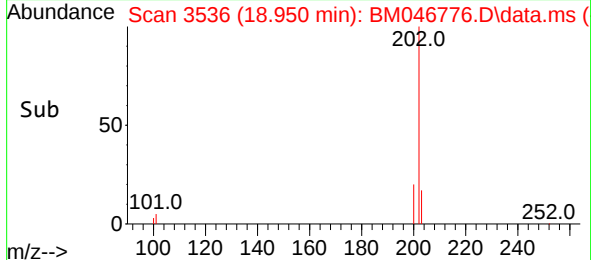
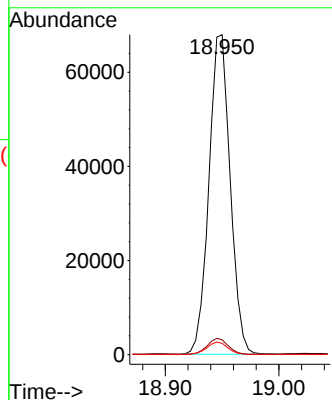
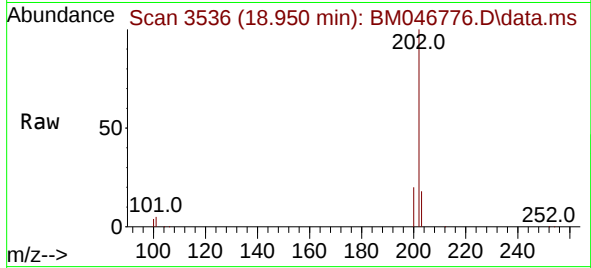
#19
Fluoranthene
Concen: 2.431 ng/ul
RT: 18.950 min Scan# 3535
Delta R.T. -0.004 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_M
ClientSampleId :
A4CG8DL

Tgt Ion:202 Resp: 8832
Ion Ratio Lower Upper
202 100
101 4.6 4.6 6.8
100 3.5 3.0 4.6

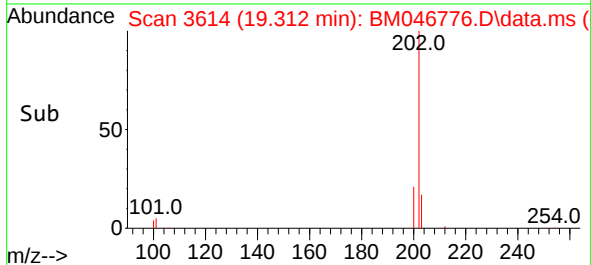
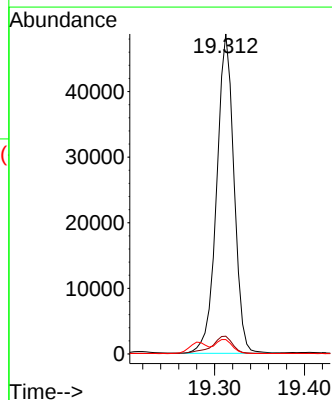
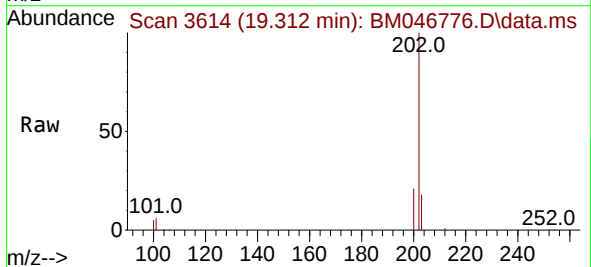
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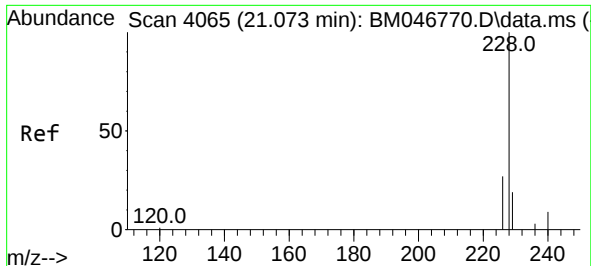
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#20
Pyrene
Concen: 1.651 ng/ul
RT: 19.312 min Scan# 3614
Delta R.T. -0.009 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

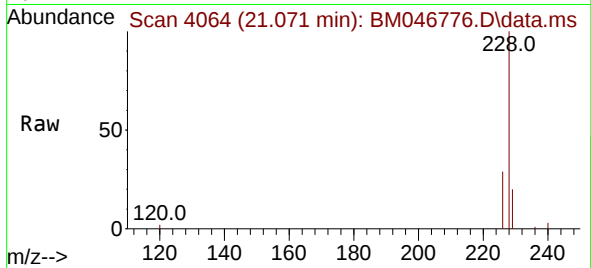
Tgt Ion:202 Resp: 64948
Ion Ratio Lower Upper
202 100
101 5.6 5.1 7.7
100 4.5 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.958 ng/ul
RT: 21.071 min Scan# 4064
Delta R.T. -0.009 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

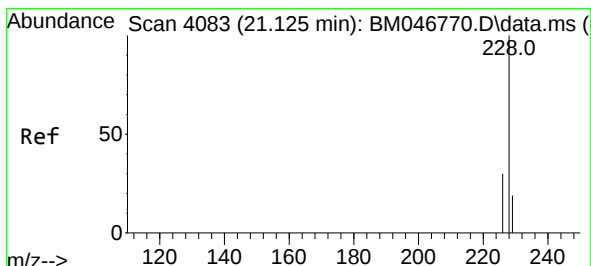
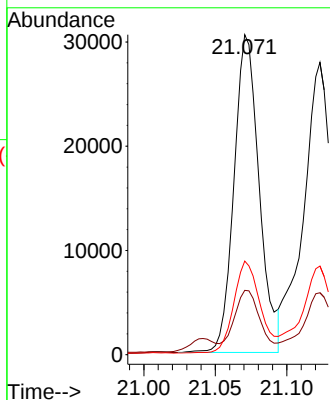
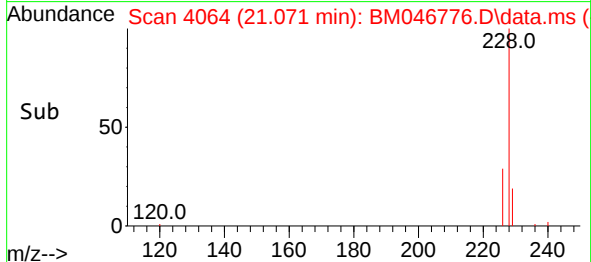
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:228 Resp: 37490
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 29.2 22.5 33.7

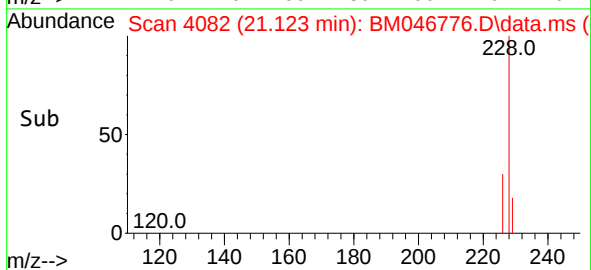
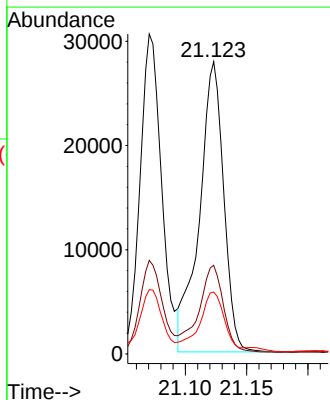
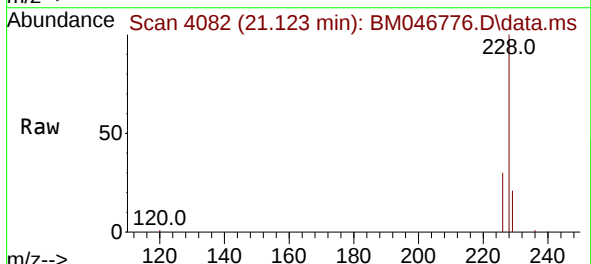
Manual Integrations
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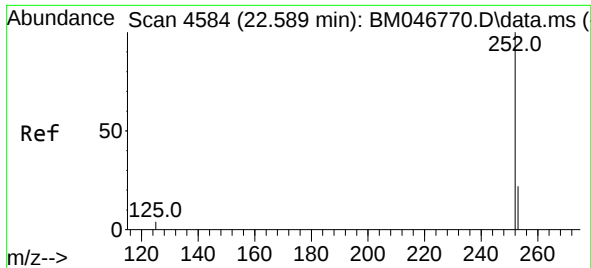
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#22
Chrysene
Concen: 1.016 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

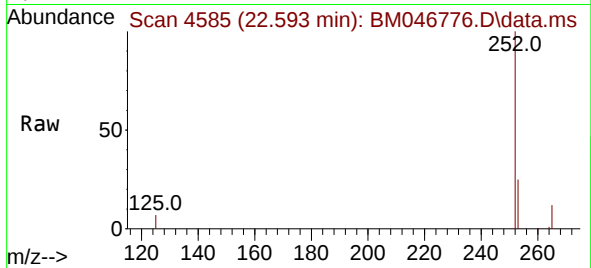
Tgt Ion:228 Resp: 38465
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.384 ng/ul m
RT: 22.593 min Scan# 4585
Delta R.T. -0.006 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

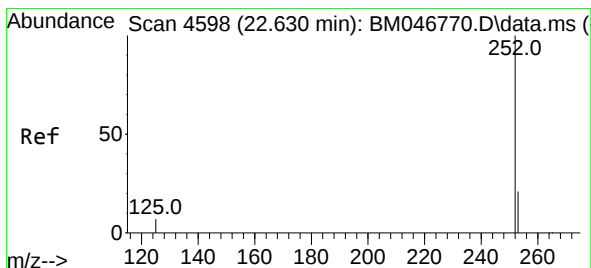
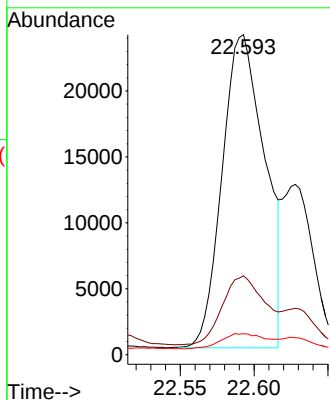
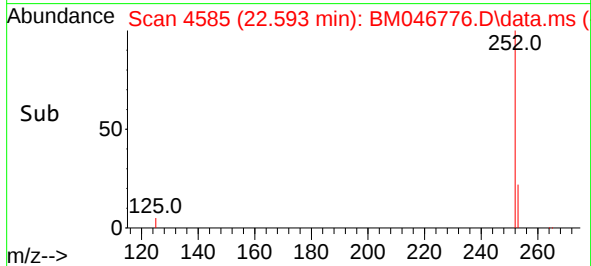
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



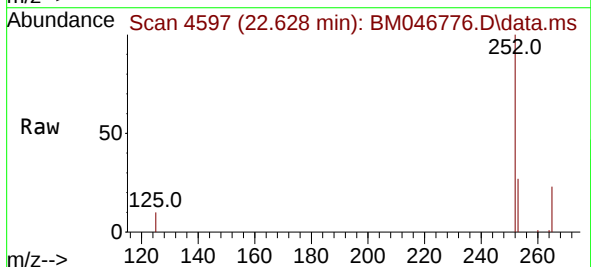
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Ion Ratio Lower Upper
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253 24.7 0.0 56.2
125 6.5 0.0 17.8

Manual Integrations
APPROVED

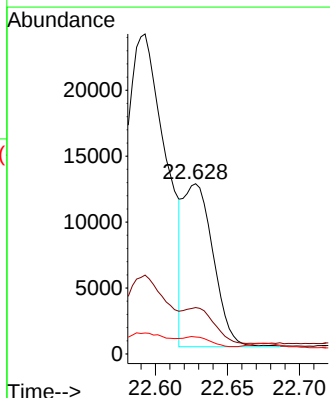
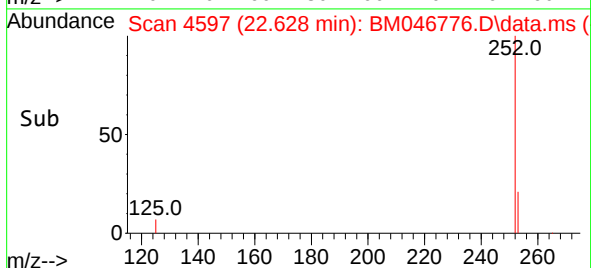
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024

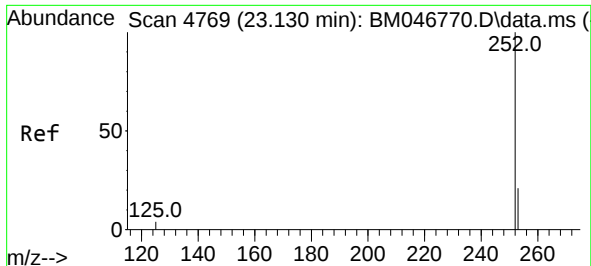


#25
Benzo(k)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.628 min Scan# 4597
Delta R.T. -0.012 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55



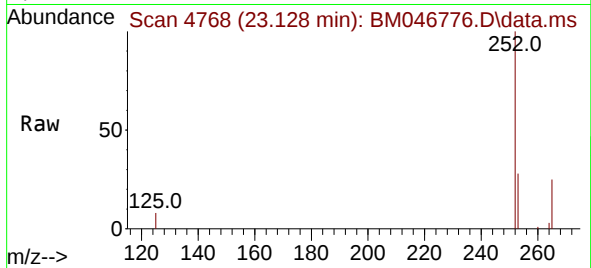
Tgt Ion:252 Resp: 17951
Ion Ratio Lower Upper
252 100
253 27.3 22.4 33.6
125 10.0 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.677 ng/ul
RT: 23.128 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

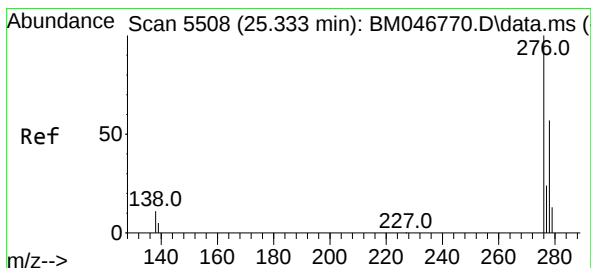
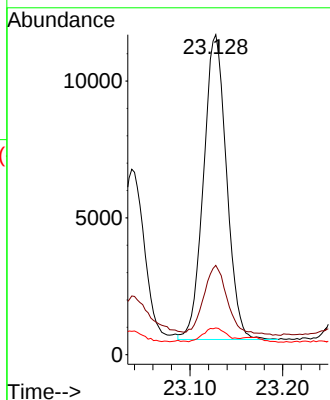
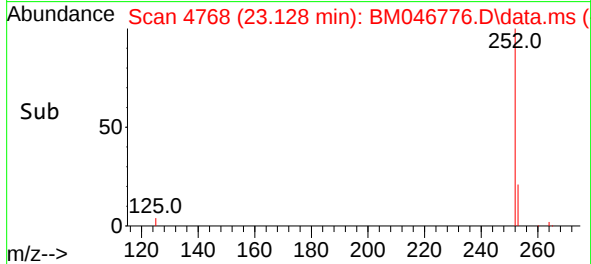
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:252 Resp: 19200
Ion Ratio Lower Upper
252 100
253 27.9 24.0 36.0
125 8.3 8.2 12.2

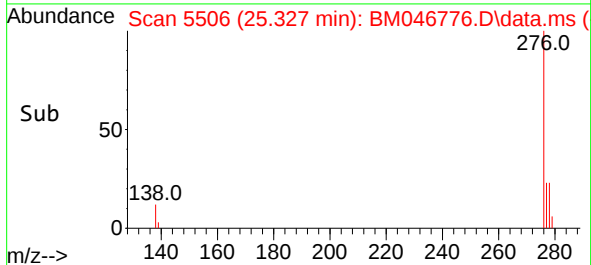
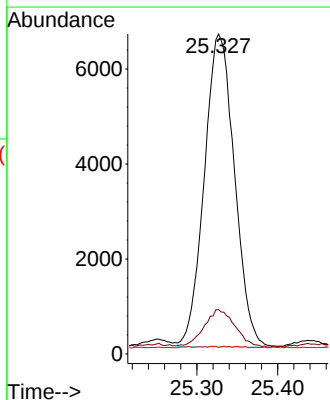
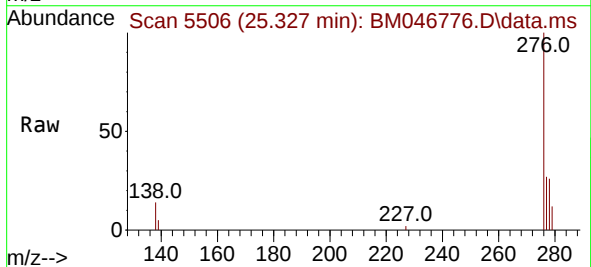
Manual Integrations
APPROVED

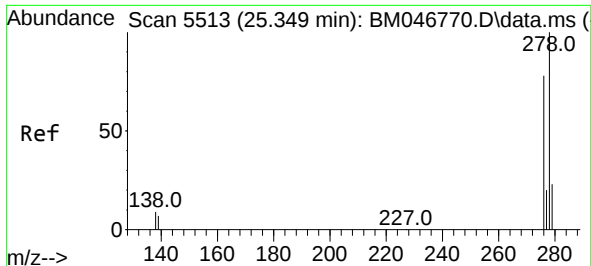
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 25.327 min Scan# 5506
Delta R.T. -0.020 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

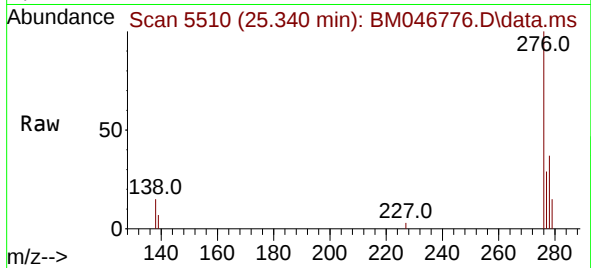
Tgt Ion:276 Resp: 17084
Ion Ratio Lower Upper
276 100
138 12.6 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.157 ng/ul
RT: 25.340 min Scan# 5513
Delta R.T. -0.020 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

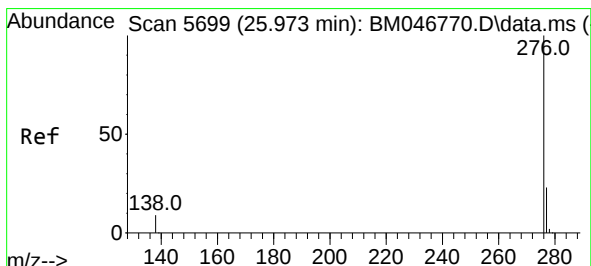
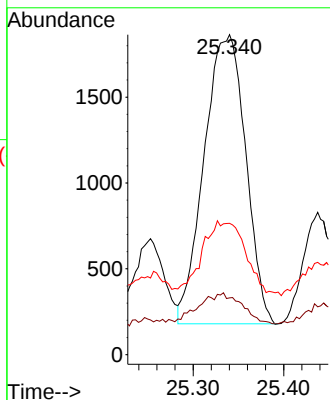
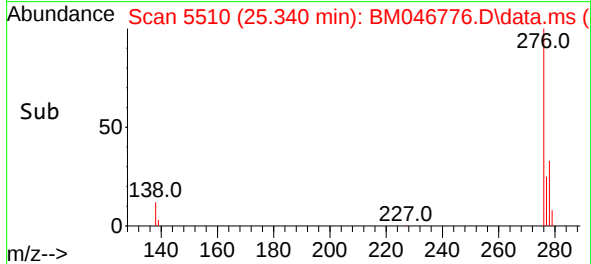
Instrument :
BNA_M
ClientSampleId :
A4CG8DL



Tgt Ion:278 Resp: 5358
Ion Ratio Lower Upper
278 100
139 17.8 9.1 13.7
279 41.0 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



#29
Benzo(g,h,i)perylene
Concen: 0.084 ng/ul
RT: 25.967 min Scan# 5697
Delta R.T. -0.017 min
Lab File: BM046776.D
Acq: 23 Jul 2024 13:55

Tgt Ion:276 Resp: 2898
Ion Ratio Lower Upper
276 100
138 22.2 10.2 15.4#
277 37.1 20.9 31.3#

