

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046861.D
 Acq On : 27 Jul 2024 10:24
 Operator : MA/JU
 Sample : P3264-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 28 23:29:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	13455	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	12507	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	23723	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	10346	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	12291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.092	96	6323	1.932	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.820	152	3327	0.156	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	7531	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	14328	0.421	ng/ul	97
7) 2-Methylnaphthalene	11.892	142	5580	0.238	ng/ul	100
8) 1-Methylnaphthalene	12.117	142	4601	0.190	ng/ul	99
10) Acenaphthylene	13.825	152	27749	0.484	ng/ul	98
11) Acenaphthene	14.172	153	36963	0.951	ng/ul	100
12) Fluorene	15.167	166	42046	0.865	ng/ul	99
15) Phenanthrene	16.908	178	691265	10.138	ng/ul	97
16) Anthracene	16.996	178	116310	1.832	ng/ul	99
19) Fluoranthene	18.940	202	1016650	22.375	ng/ul	98
20) Pyrene	19.303	202	707873	15.060	ng/ul#	96
21) Benzo(a)anthracene	21.061	228	347264	8.055	ng/ul	99
22) Chrysene	21.114	228	356742	8.146	ng/ul	99
24) Benzo(b)fluoranthene	22.581	252	485177m	8.991	ng/ul	
25) Benzo(k)fluoranthene	22.619	252	172803m	3.178	ng/ul	
26) Benzo(a)pyrene	23.116	252	205764	5.312	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.310	276	187148	3.139	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.320	278	55066	1.262	ng/ul	94
29) Benzo(g,h,i)perylene	25.954	276	23306	0.444	ng/ul#	94

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

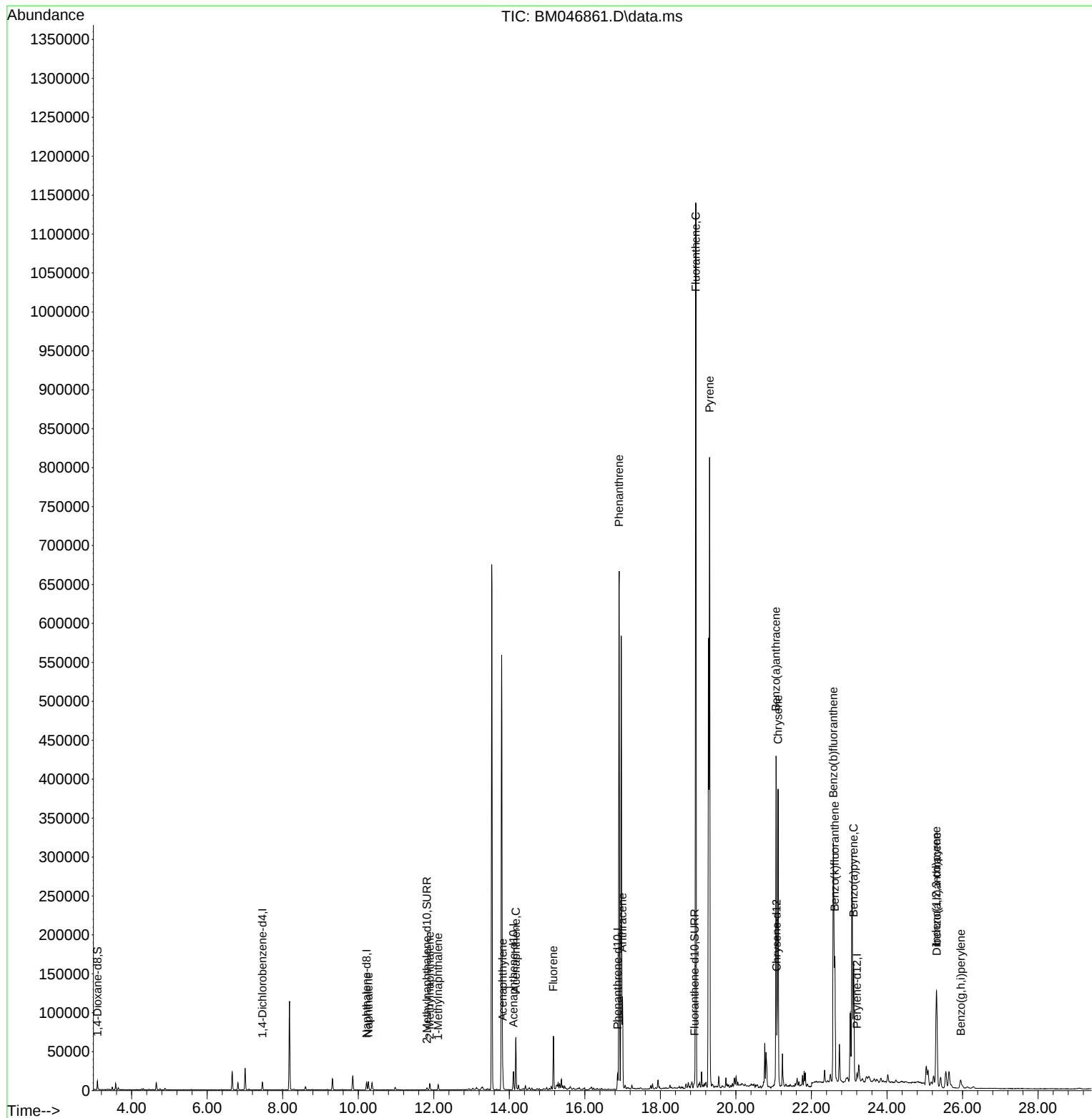
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046861.D
Acq On : 27 Jul 2024 10:24
Operator : MA/JU
Sample : P3264-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

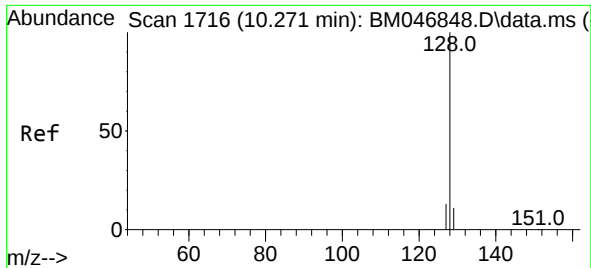
Instrument :
BNA_M
ClientSampleId :
A4CM6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024

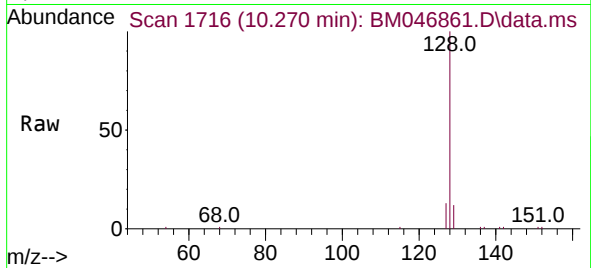
Quant Time: Jul 28 23:29:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.421 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

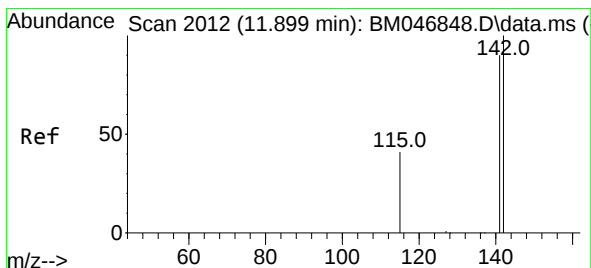
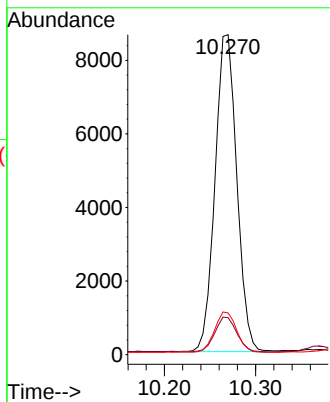
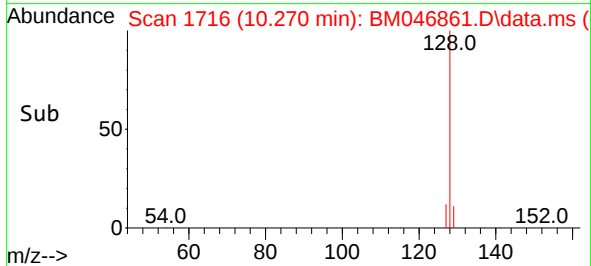
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:128 Resp: 14328
Ion Ratio Lower Upper
128 100
129 11.5 10.1 15.1
127 13.1 11.5 17.3

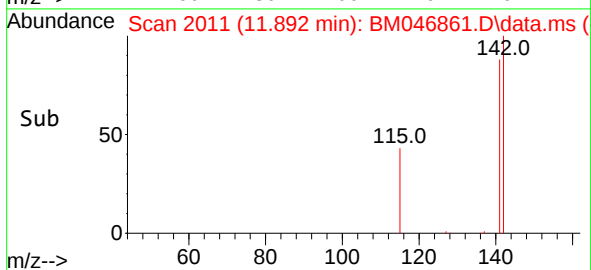
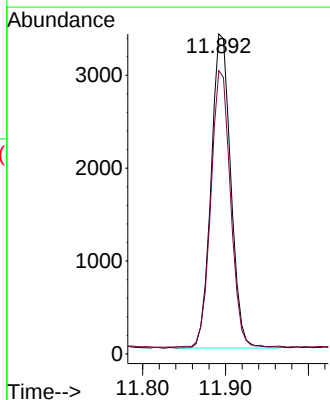
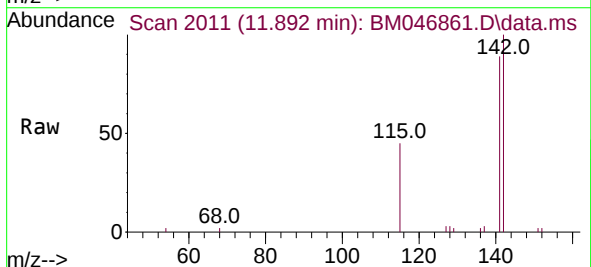
Manual Integrations
APPROVED

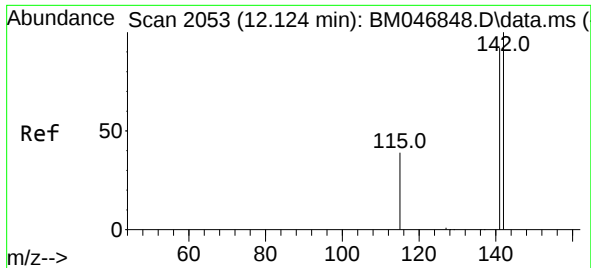
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

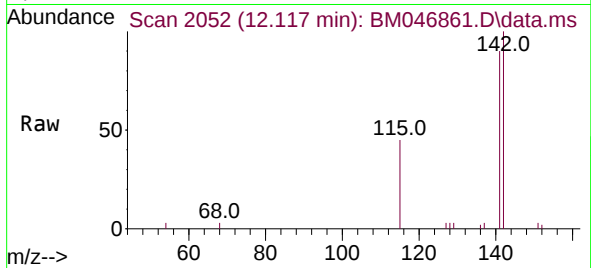
Tgt Ion:142 Resp: 5580
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.117 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

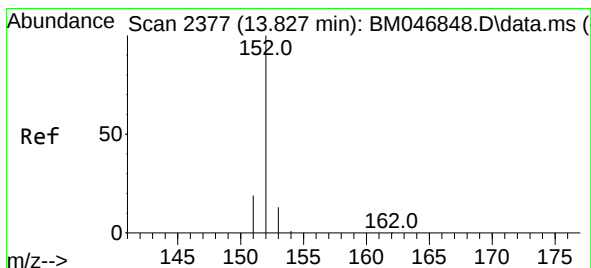
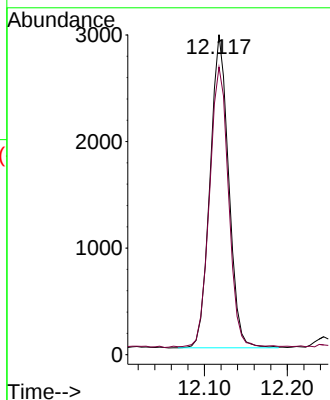
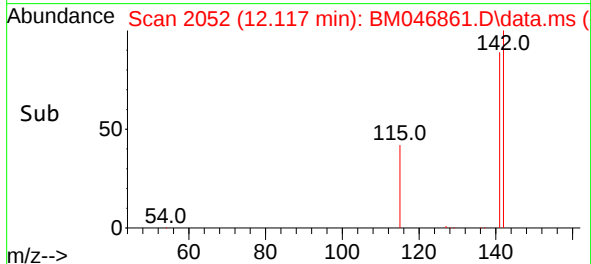
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:142 Resp: 460
Ion Ratio Lower Upper
142 100
141 91.9 73.1 109.7

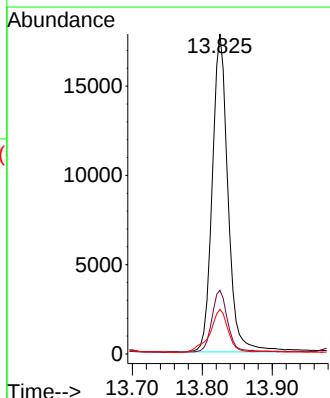
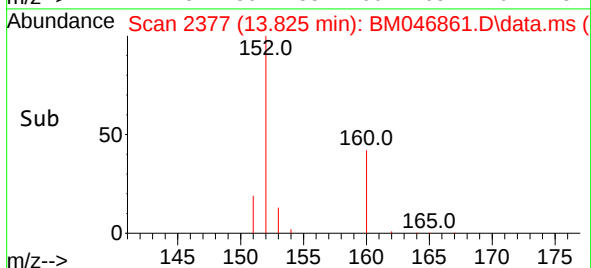
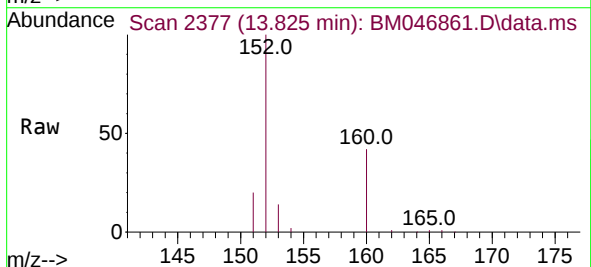
Manual Integrations
APPROVED

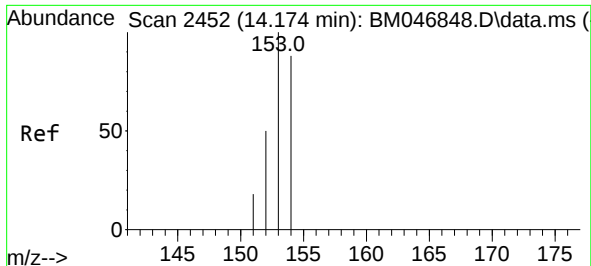
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.484 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

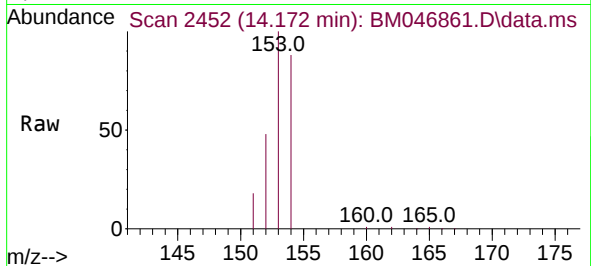
Tgt Ion:152 Resp: 27749
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.9 11.0 16.6





#11
Acenaphthene
Concen: 0.951 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.011 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

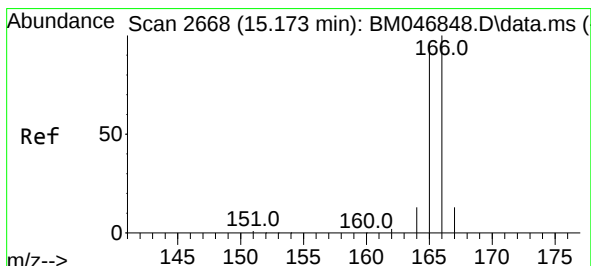
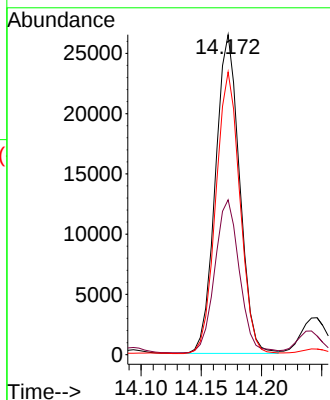
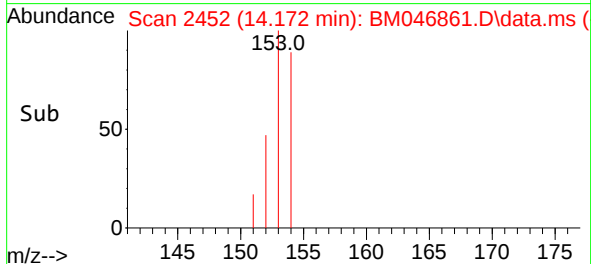
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:153 Resp: 3696
Ion Ratio Lower Upper
153 100
152 48.4 38.6 57.8
154 88.4 70.8 106.2

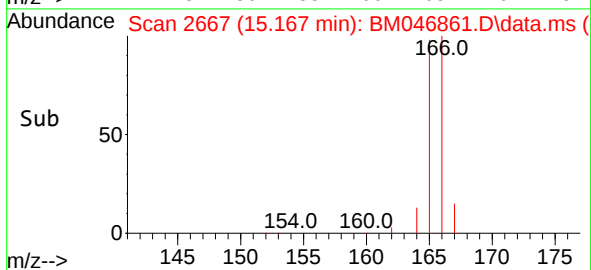
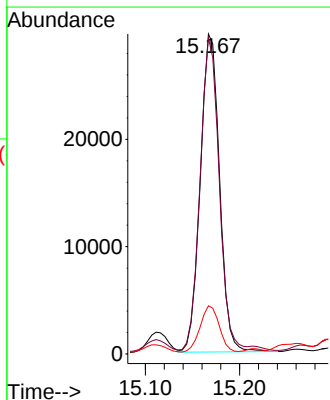
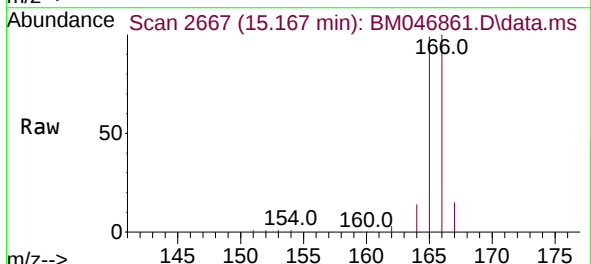
Manual Integrations
APPROVED

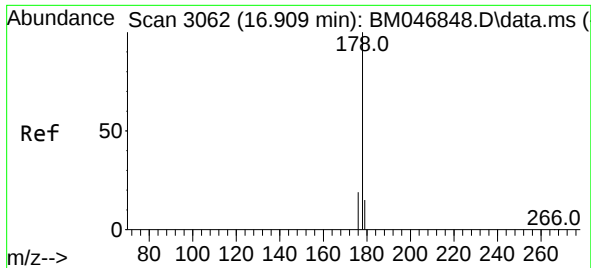
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.865 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.011 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

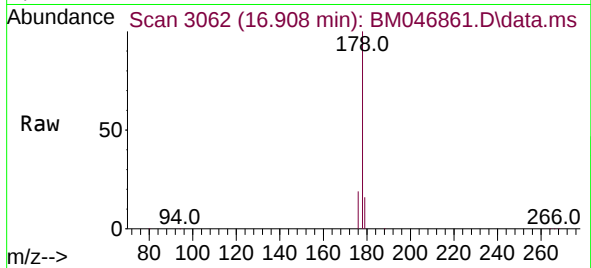
Tgt Ion:166 Resp: 42046
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.6
167 15.0 12.3 18.5





#15
Phenanthrene
Concen: 10.138 ng/ul
RT: 16.908 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

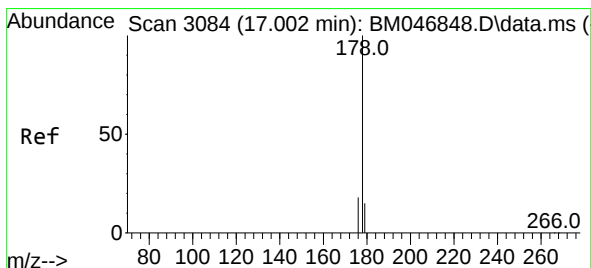
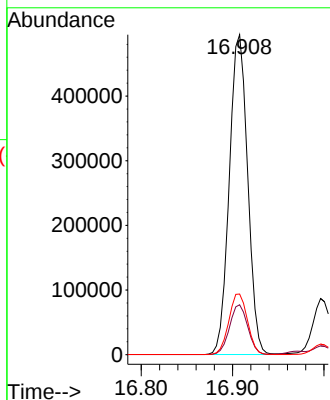
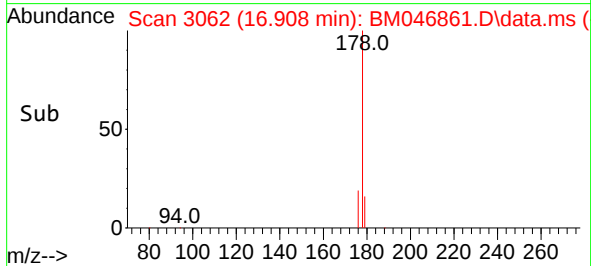
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:178 Resp: 69126
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 18.9 16.1 24.1

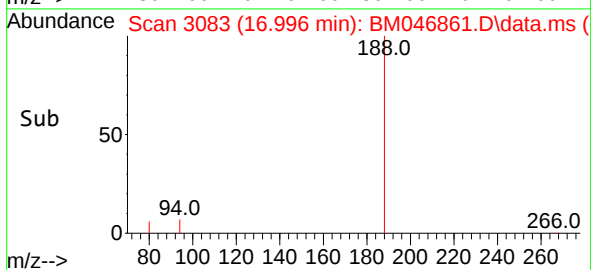
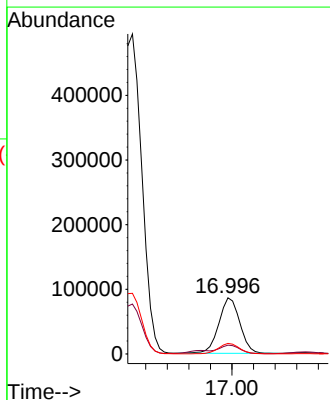
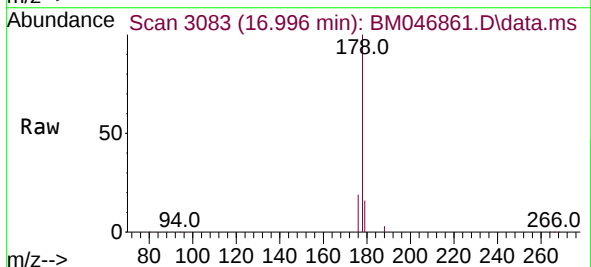
Manual Integrations
APPROVED

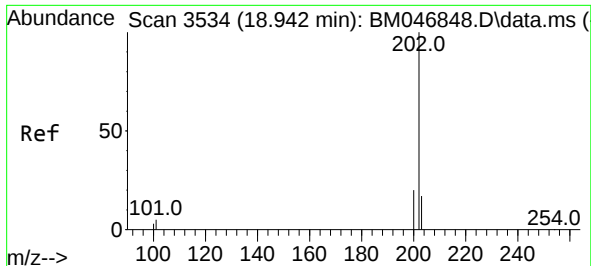
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 1.832 ng/ul
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

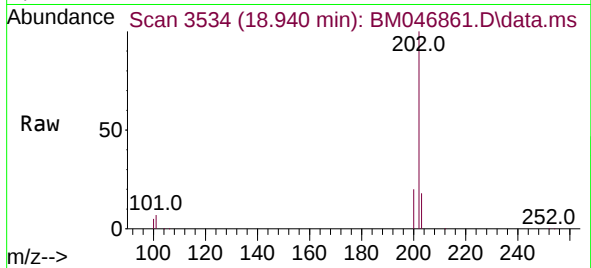
Tgt Ion:178 Resp: 116310
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.7 15.0 22.6





#19
Fluoranthene
Concen: 22.375 ng/uI
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

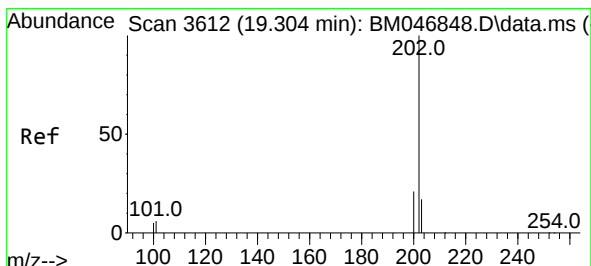
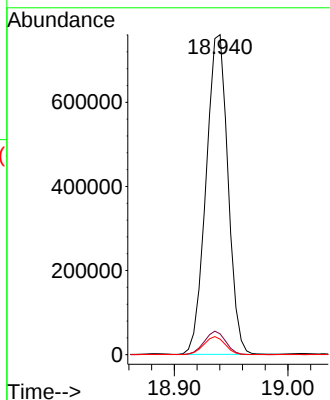
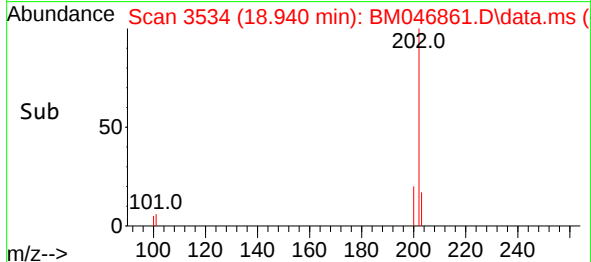
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:202 Resp: 1016650
Ion Ratio Lower Upper
202 100
101 6.5 4.7 7.1
100 4.9 3.4 5.2

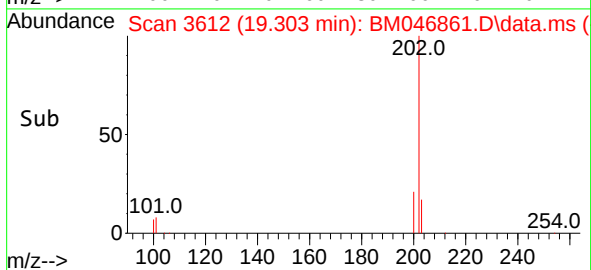
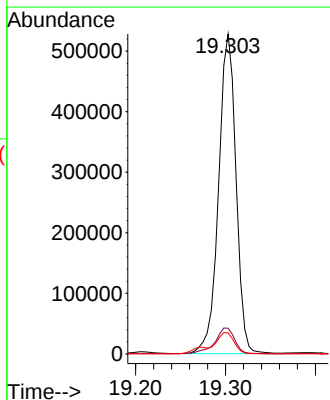
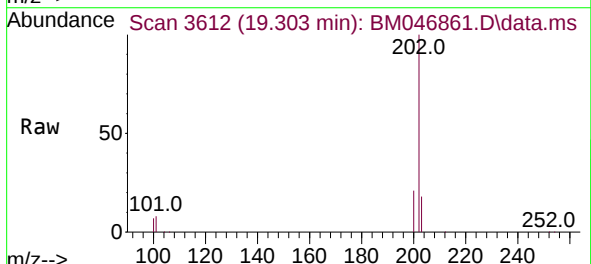
Manual Integrations
APPROVED

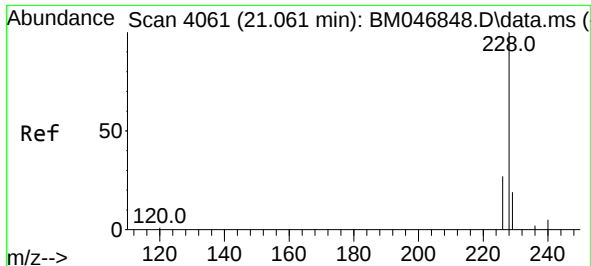
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 15.060 ng/uI
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

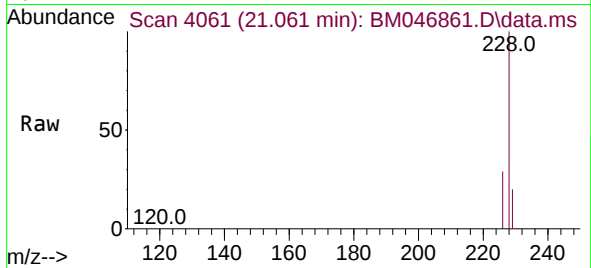
Tgt Ion:202 Resp: 707873
Ion Ratio Lower Upper
202 100
101 8.0 5.2 7.8#
100 6.6 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 8.055 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

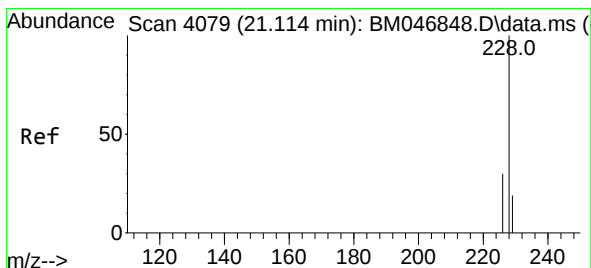
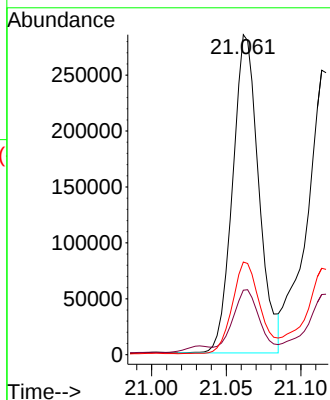
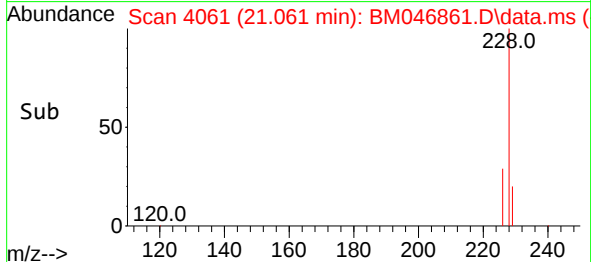
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:228 Resp: 347264
Ion Ratio Lower Upper
228 100
229 20.2 16.3 24.5
226 29.0 22.3 33.5

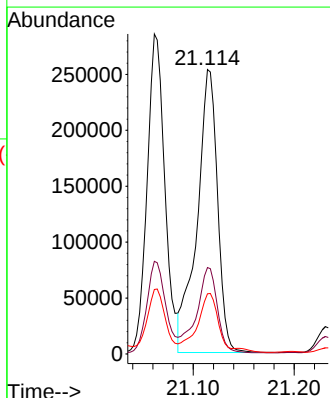
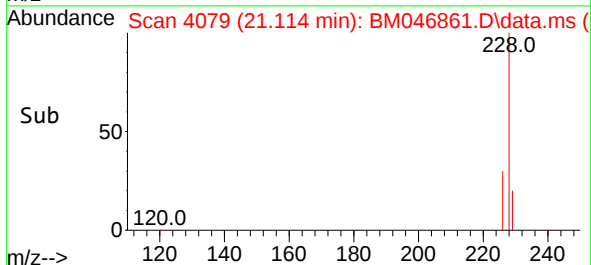
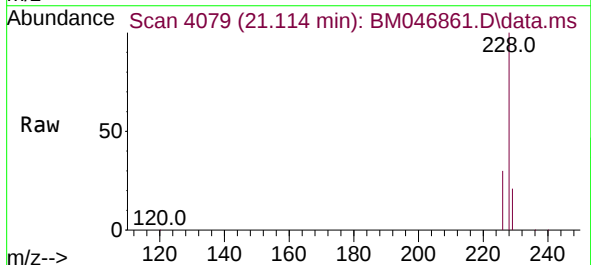
Manual Integrations
APPROVED

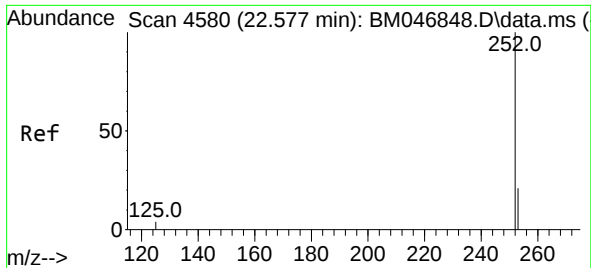
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 8.146 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

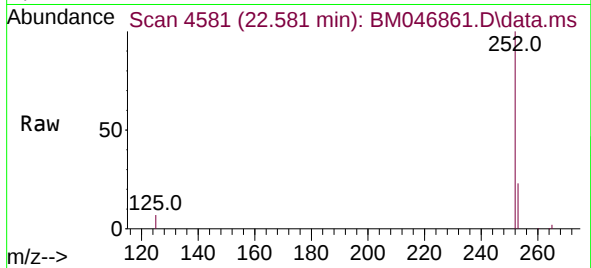
Tgt Ion:228 Resp: 356742
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 21.2 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 8.991 ng/ul m
RT: 22.581 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

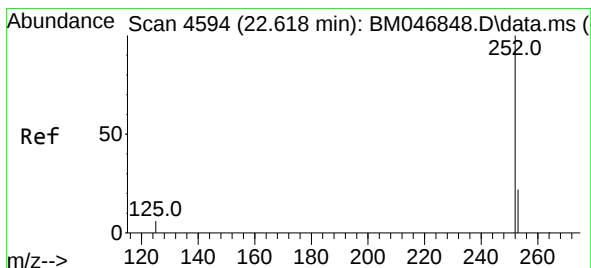
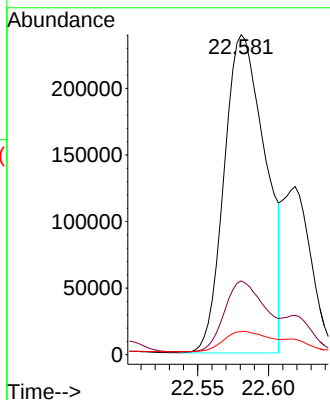
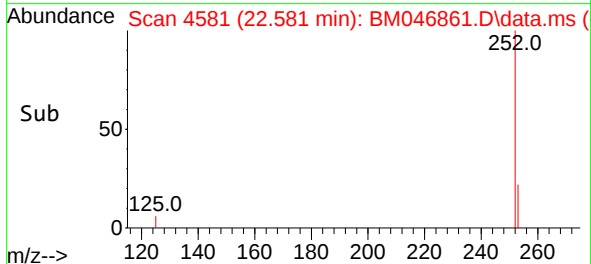
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:252 Resp: 48517
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.4
125 7.2 0.0 15.8

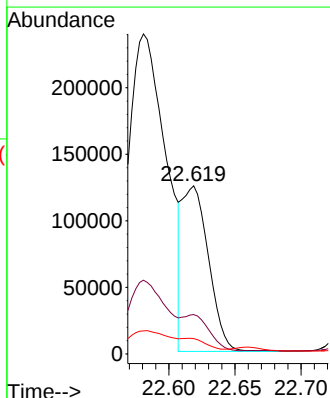
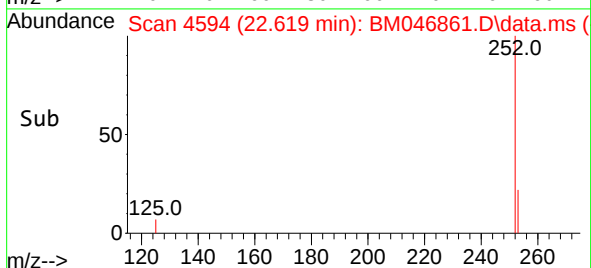
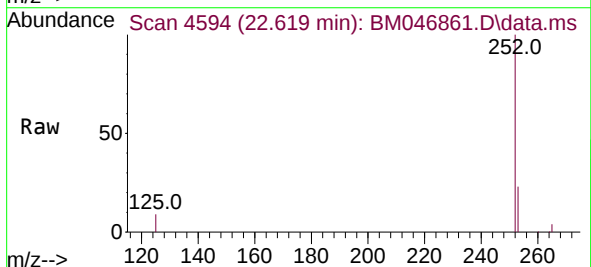
Manual Integrations
APPROVED

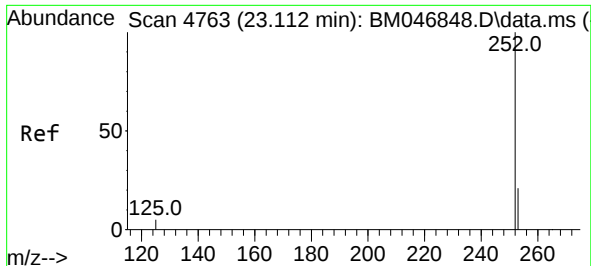
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 3.178 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

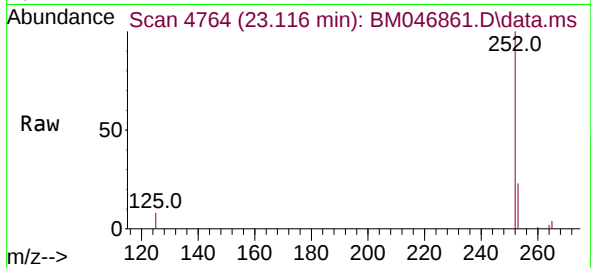
Tgt Ion:252 Resp: 172803
Ion Ratio Lower Upper
252 100
253 23.5 23.5 35.3#
125 9.2 8.6 13.0





#26
Benzo(a)pyrene
Concen: 5.312 ng/ul
RT: 23.116 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

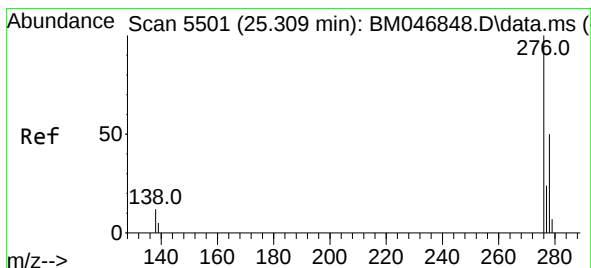
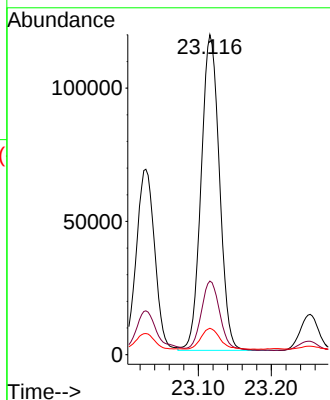
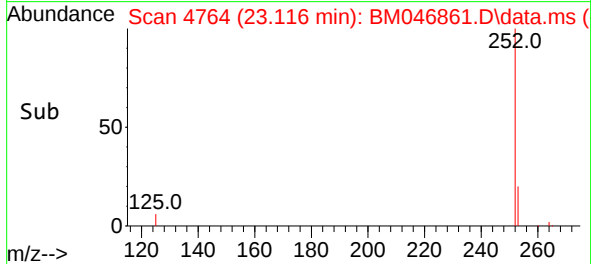
Instrument :
BNA_M
ClientSampleId :
A4CM6



Tgt Ion:252 Resp: 205764
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0
125 8.3 7.8 11.8

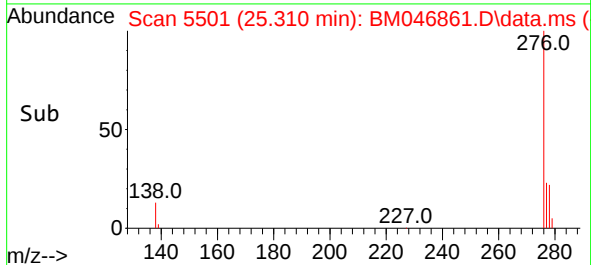
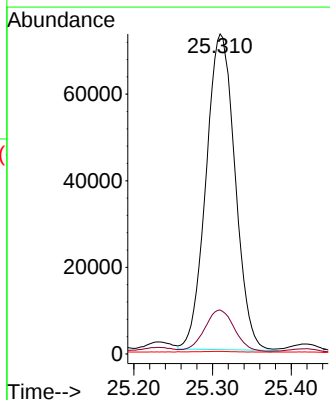
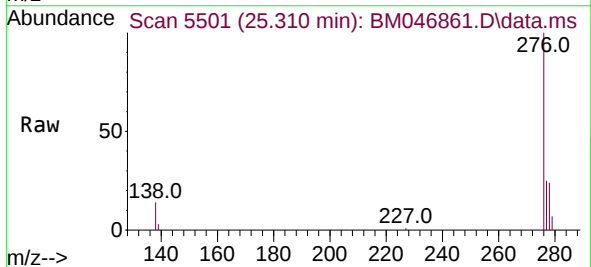
Manual Integrations
APPROVED

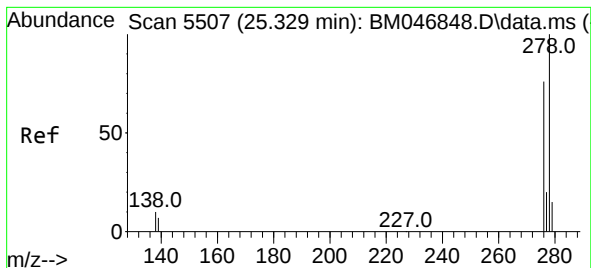
Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.139 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046861.D
Acq: 27 Jul 2024 10:24

Tgt Ion:276 Resp: 187148
Ion Ratio Lower Upper
276 100
138 13.4 9.7 14.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 1.262 ng/ul

RT: 25.320 min Scan# 5506

Delta R.T. -0.013 min

Lab File: BM046861.D

Acq: 27 Jul 2024 10:24

Instrument :

BNA_M

ClientSampleId :

A4CM6

Tgt Ion:278 Resp: 5506

Ion Ratio Lower Upper

278 100

139 14.0 9.8 14.8

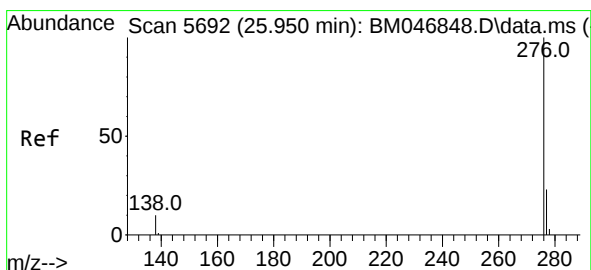
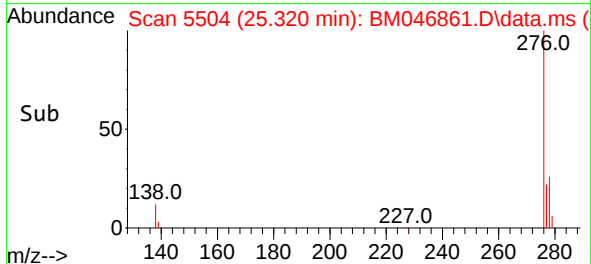
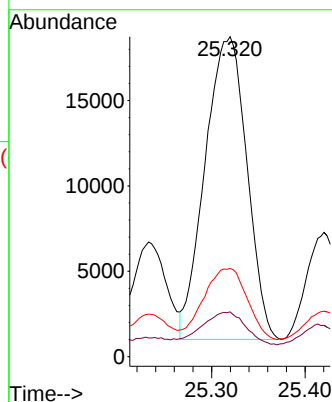
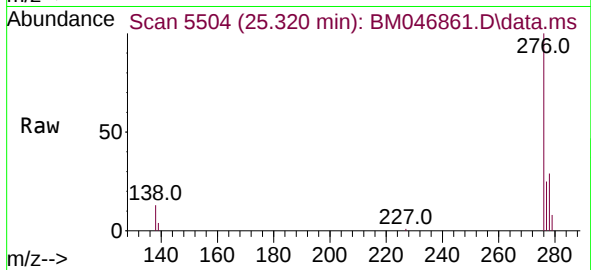
279 27.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2024

Supervised By :mohammad ahmed 08/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.444 ng/ul

RT: 25.954 min Scan# 5693

Delta R.T. 0.000 min

Lab File: BM046861.D

Acq: 27 Jul 2024 10:24

Tgt Ion:276 Resp: 23306

Ion Ratio Lower Upper

276 100

138 15.1 9.5 14.3#

277 28.6 20.9 31.3

