

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046899.D
 Acq On : 30 Jul 2024 00:40
 Operator : MA/JU
 Sample : P3329-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E14

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 01:43:03 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	7.455	152	3641	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	10748	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	7008	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	13587	0.400	ng/ul	0.00
17) Chrysene-d12	21.073	240	12063	0.400	ng/ul	0.00
23) Perylene-d12	23.200	264	8607m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7925	3.109	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152	3901	0.228	ng/ul	-0.02
18) Fluoranthene-d10	18.900	212	6890	0.175	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.260	128	1027791	37.807	ng/ul	96
7) 2-Methylnaphthalene	11.888	142	236183	12.623	ng/ul	99
8) 1-Methylnaphthalene	12.108	142	111163	5.753	ng/ul	100
10) Acenaphthylene	13.817	152	15156	0.472	ng/ul#	96
11) Acenaphthene	14.164	153	187570	8.610	ng/ul	99
12) Fluorene	15.164	166	212157	7.791	ng/ul	97
15) Phenanthrene	16.901	178	771248	19.749	ng/ul	97
16) Anthracene	16.993	178	111289	3.061	ng/ul	99
19) Fluoranthene	18.932	202	390538	7.372	ng/ul	99
20) Pyrene	19.300	202	245046	4.471	ng/ul	98
21) Benzo(a)anthracene	21.058	228	87814	1.747	ng/ul	100
22) Chrysene	21.111	228	67378	1.319	ng/ul	99
24) Benzo(b)fluoranthene	22.572	252	34618m	0.916	ng/ul	
25) Benzo(k)fluoranthene	22.610	252	12776m	0.336	ng/ul	
26) Benzo(a)pyrene	23.110	252	18851	0.695	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.299	276	6705	0.161	ng/ul	98
28) Dibenzo(a,h)anthracene	25.306	278	1863	0.061	ng/ul#	30
29) Benzo(g,h,i)perylene	25.936	276	5258	0.143	ng/ul#	88

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

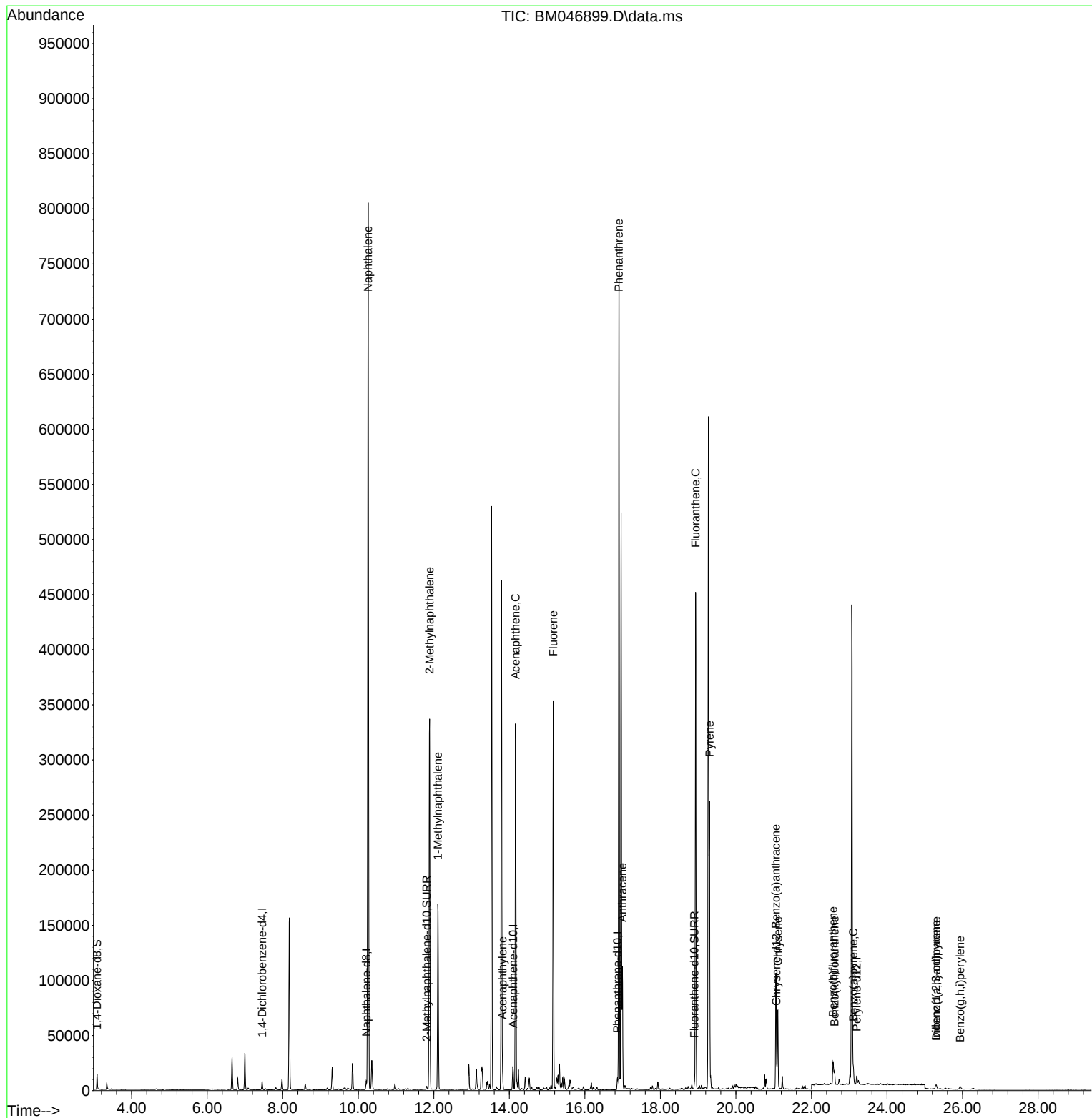
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046899.D
Acq On : 30 Jul 2024 00:40
Operator : MA/JU
Sample : P3329-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

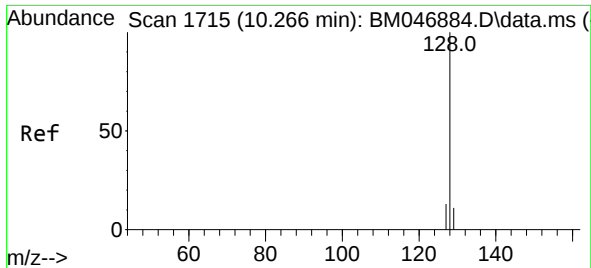
Instrument :
BNA_M
ClientSampleId :
F7E14

Quant Time: Jul 30 01:43:03 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

Manual Integrations
APPROVED

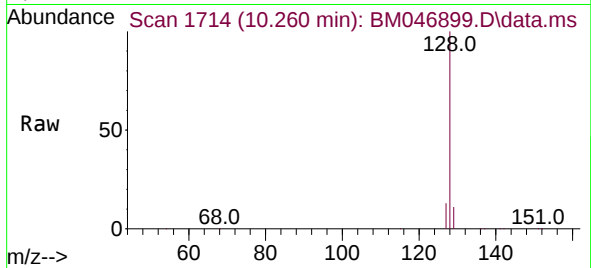
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024





#5
Naphthalene
Concen: 37.807 ng/ul
RT: 10.260 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

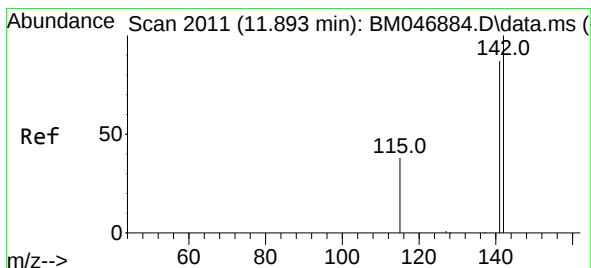
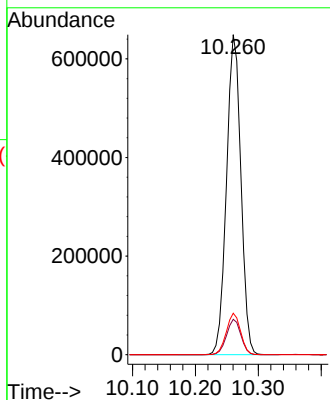
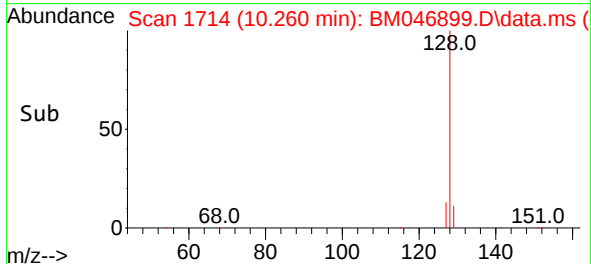
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:128 Resp: 102779
Ion Ratio Lower Upper
128 100
129 11.1 10.1 15.1
127 12.9 11.5 17.3

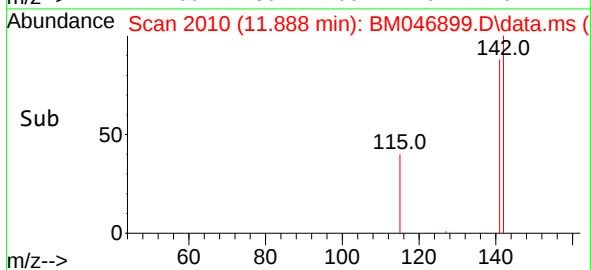
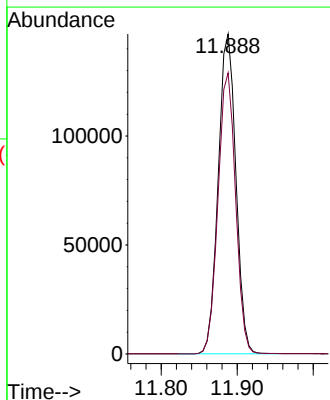
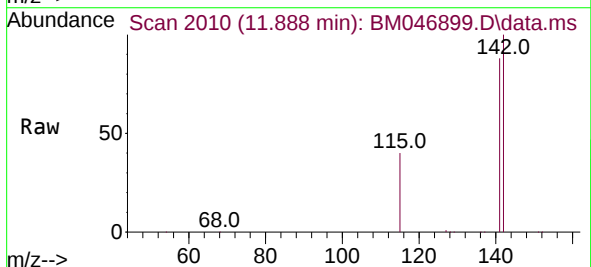
Manual Integrations
APPROVED

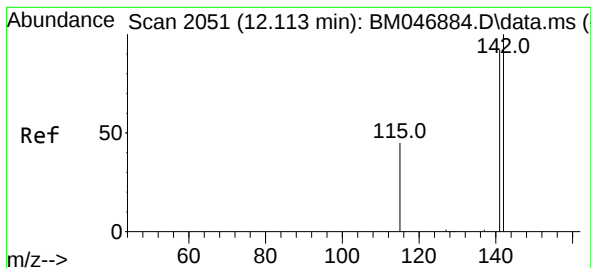
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 12.623 ng/ul
RT: 11.888 min Scan# 2010
Delta R.T. -0.017 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

Tgt Ion:142 Resp: 236183
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7





#8

1-Methylnaphthalene

Concen: 5.753 ng/ul

RT: 12.108 min Scan# 2051

Delta R.T. -0.022 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

F7E14

Tgt Ion:142 Resp: 11116

Ion Ratio Lower Upper

142 100

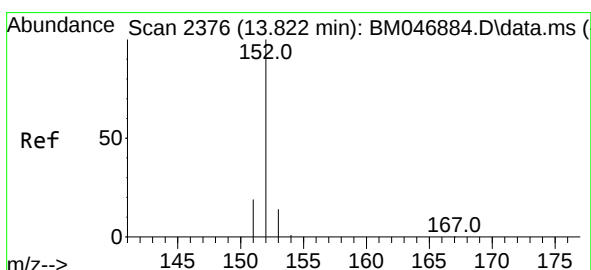
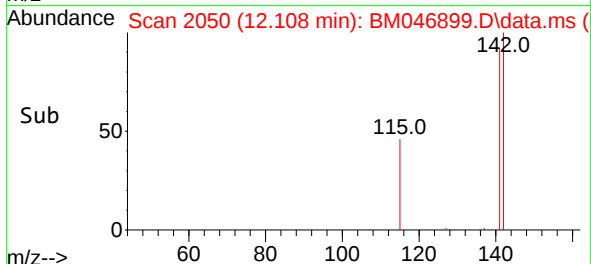
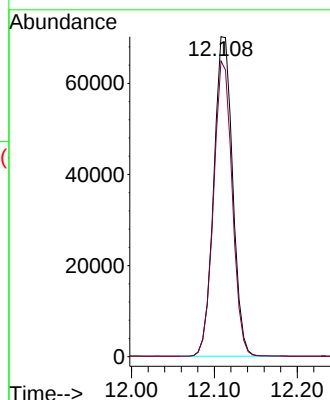
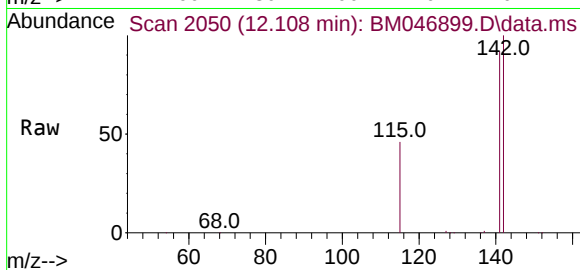
141 91.1 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#10

Acenaphthylene

Concen: 0.472 ng/ul

RT: 13.817 min Scan# 2375

Delta R.T. -0.014 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

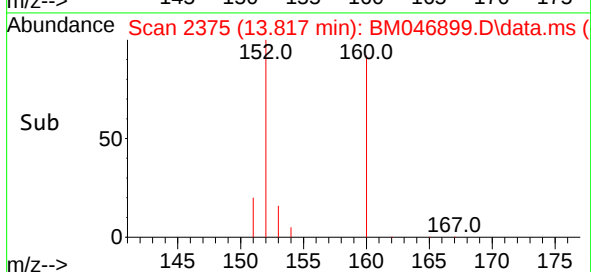
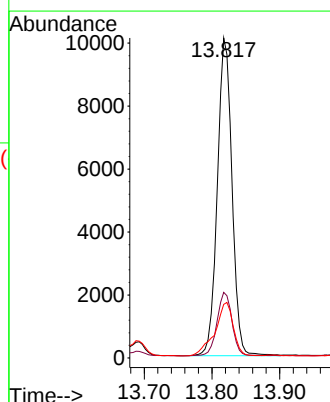
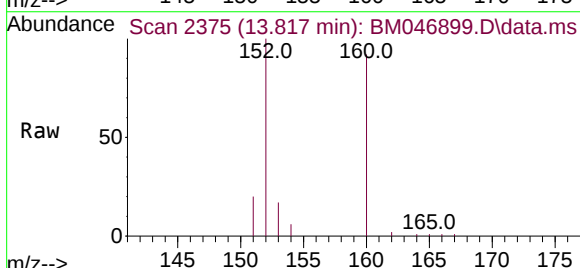
Tgt Ion:152 Resp: 15156

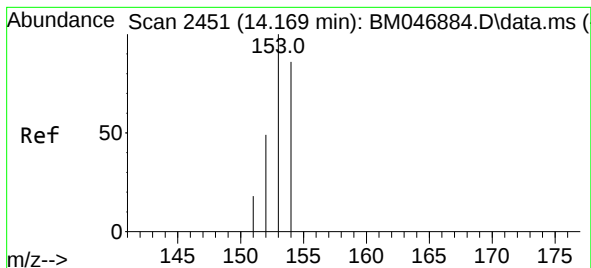
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

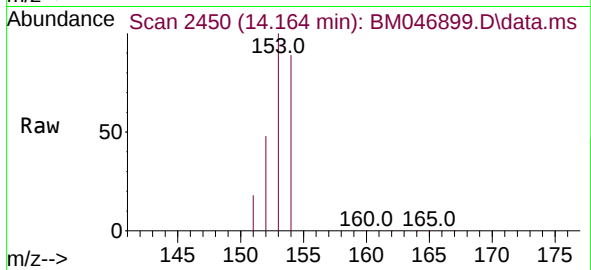
153 16.7 11.0 16.6#





#11
Acenaphthene
Concen: 8.610 ng/ul
RT: 14.164 min Scan# 2451
Delta R.T. -0.019 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

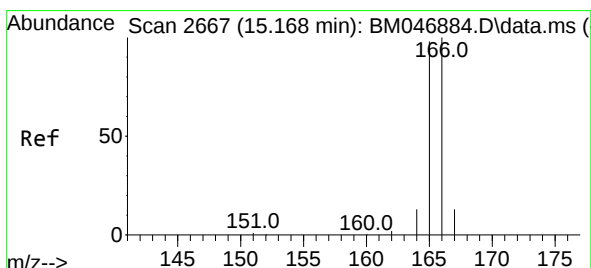
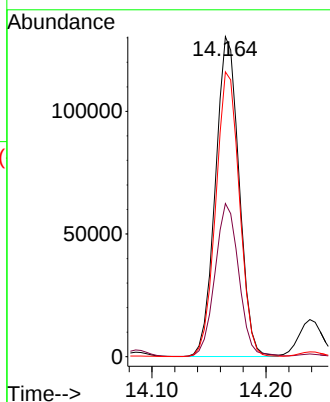
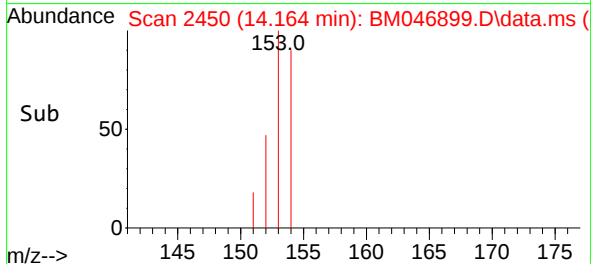
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:153 Resp: 187570
Ion Ratio Lower Upper
153 100
152 47.8 38.6 57.8
154 89.0 70.8 106.2

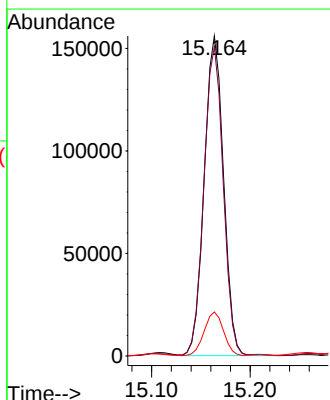
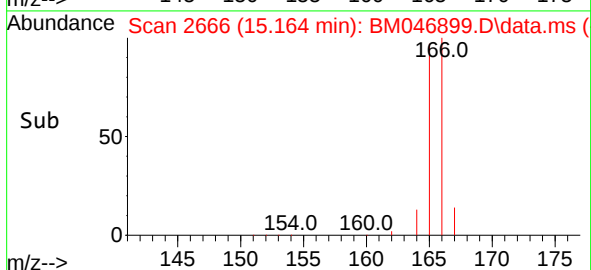
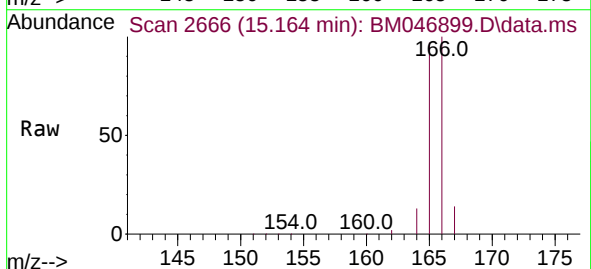
Manual Integrations
APPROVED

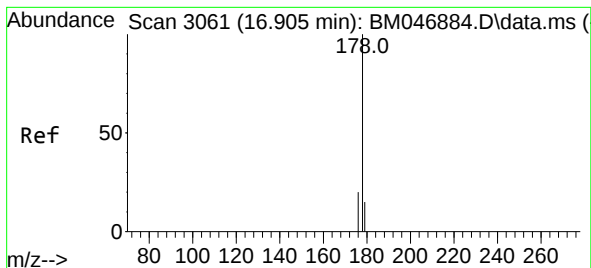
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 7.791 ng/ul
RT: 15.164 min Scan# 2666
Delta R.T. -0.014 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

Tgt Ion:166 Resp: 212157
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.6
167 13.8 12.3 18.5





#15

Phenanthrene

Concen: 19.749 ng/ul

RT: 16.901 min Scan# 3061

Delta R.T. -0.013 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

F7E14

Tgt Ion:178 Resp: 771248

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

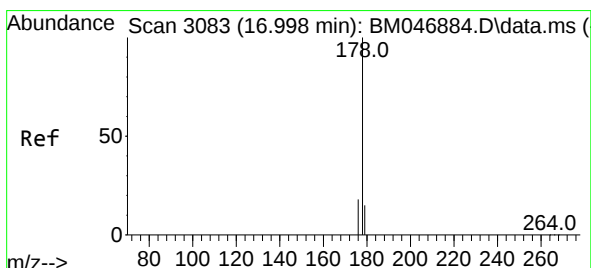
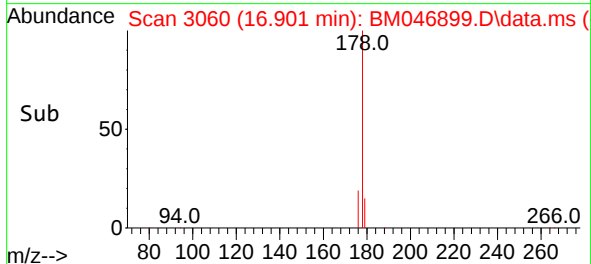
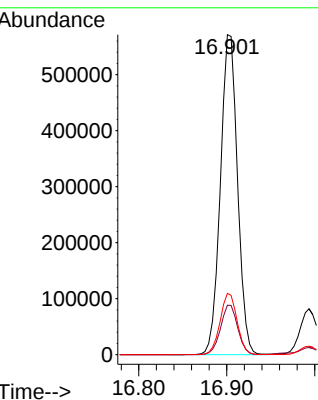
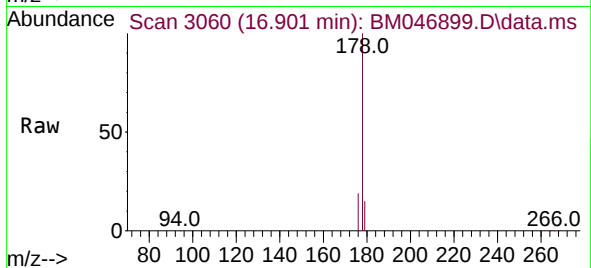
176 19.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#16

Anthracene

Concen: 3.061 ng/ul

RT: 16.993 min Scan# 3082

Delta R.T. -0.013 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

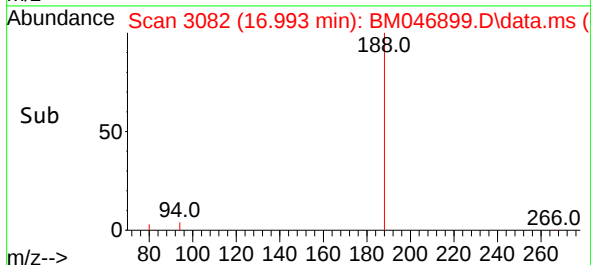
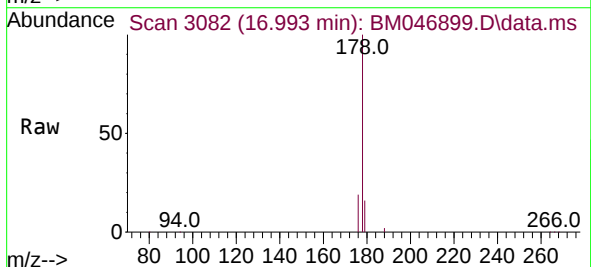
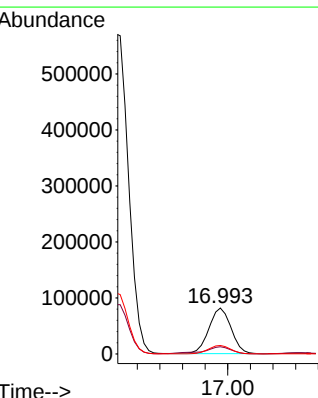
Tgt Ion:178 Resp: 111289

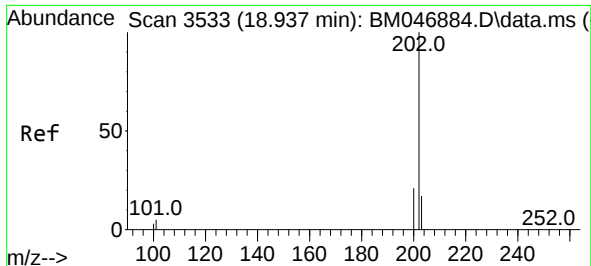
Ion Ratio Lower Upper

178 100

179 15.7 13.1 19.7

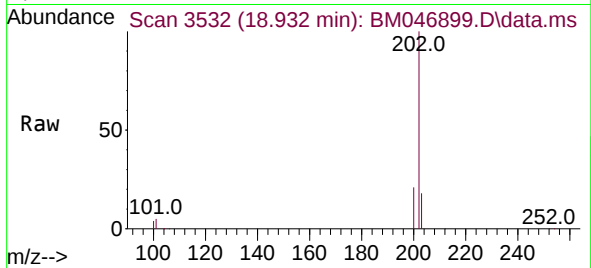
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 7.372 ng/ul
RT: 18.932 min Scan# 3532
Delta R.T. -0.009 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

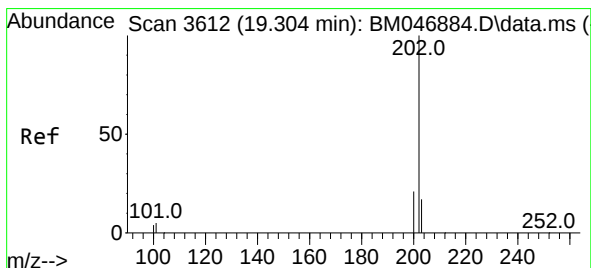
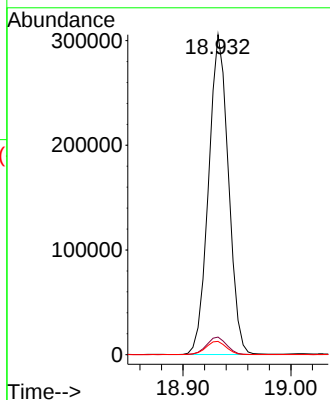
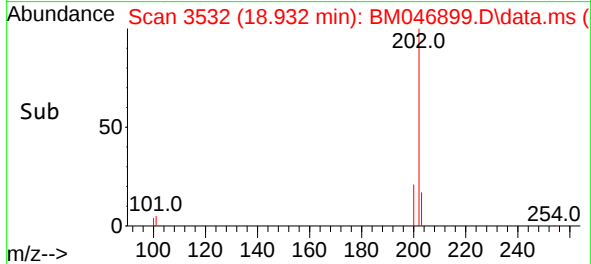
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:202 Resp: 390538
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.2 3.4 5.2

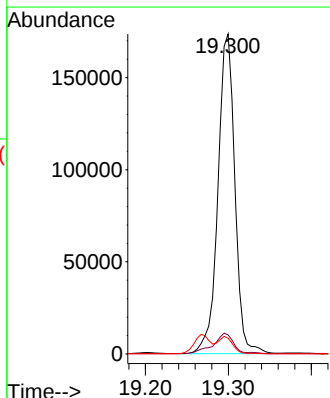
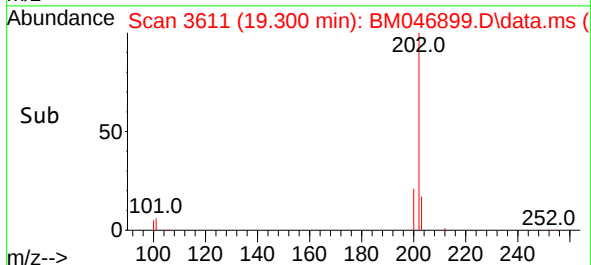
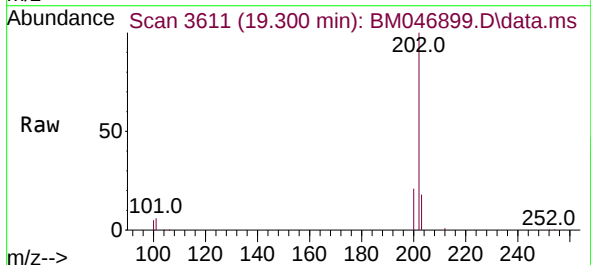
Manual Integrations
APPROVED

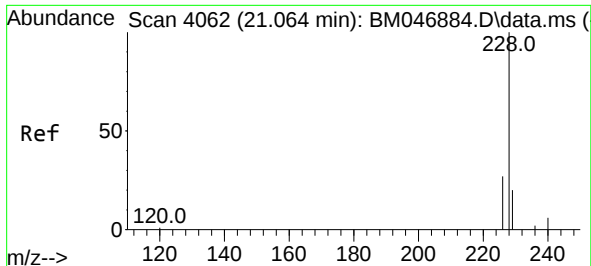
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 4.471 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

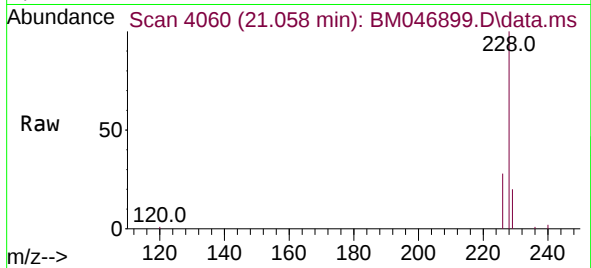
Tgt Ion:202 Resp: 245046
Ion Ratio Lower Upper
202 100
101 5.9 5.2 7.8
100 4.9 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.747 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.006 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

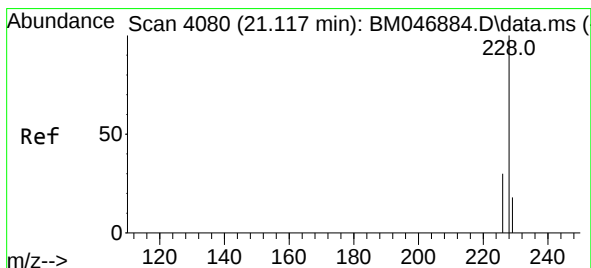
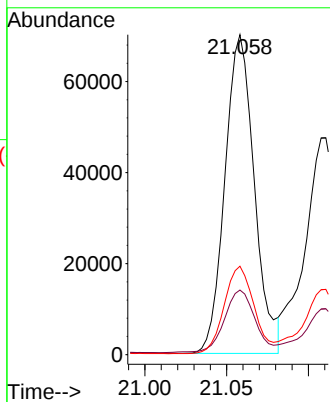
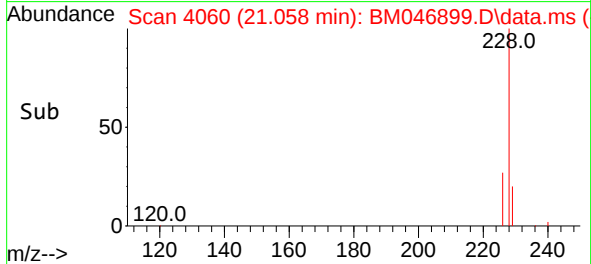
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:228 Resp: 87814
Ion Ratio Lower Upper
228 100
229 20.2 16.3 24.5
226 27.6 22.3 33.5

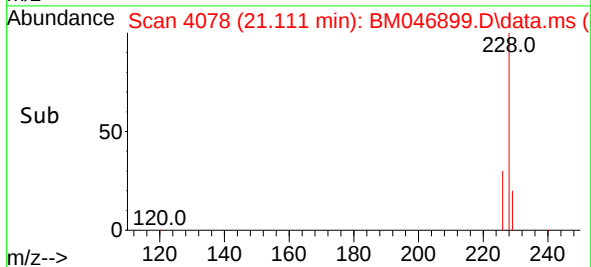
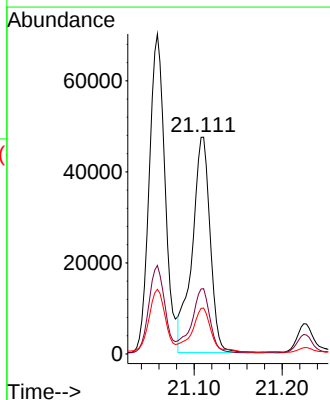
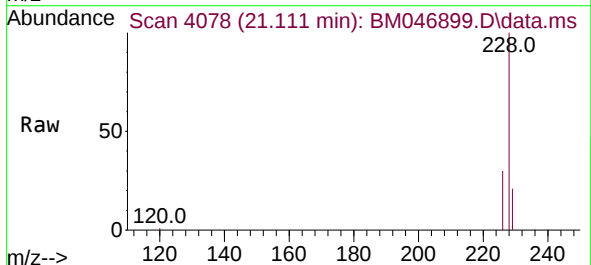
Manual Integrations
APPROVED

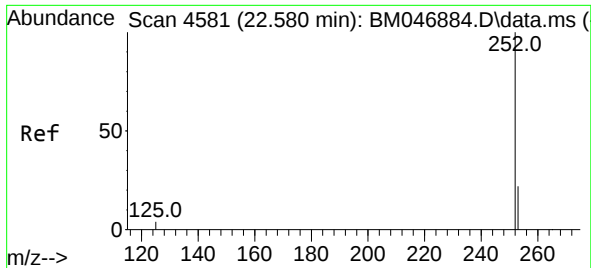
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 1.319 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.006 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

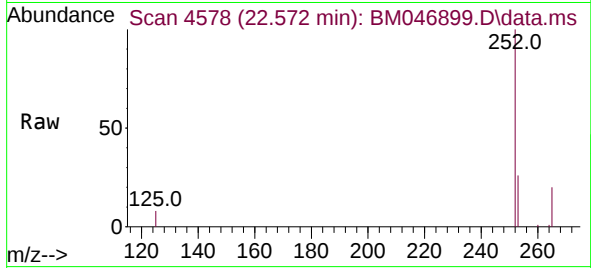
Tgt Ion:228 Resp: 67378
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 21.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.916 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

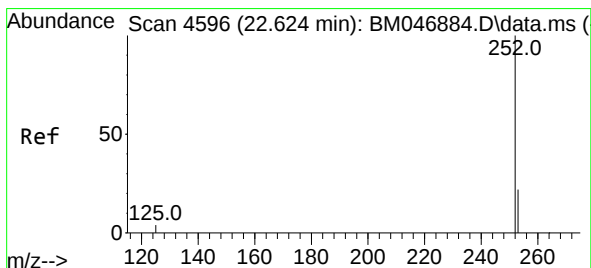
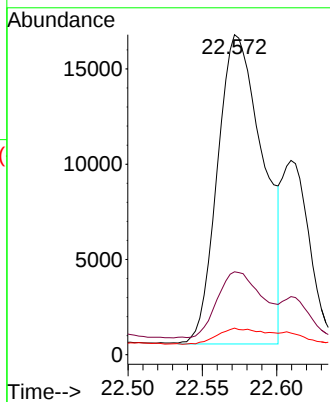
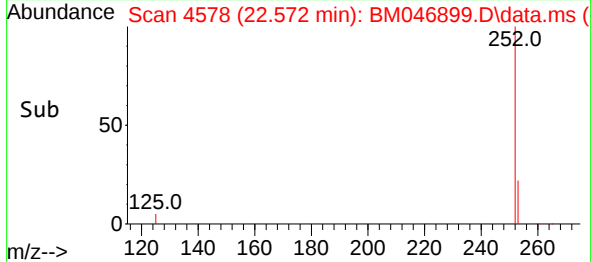
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:252 Resp: 34618
Ion Ratio Lower Upper
252 100
253 25.9 0.0 56.4
125 8.3 0.0 15.8

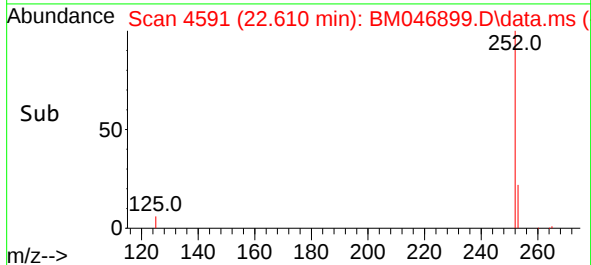
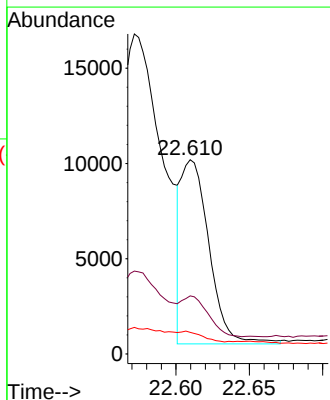
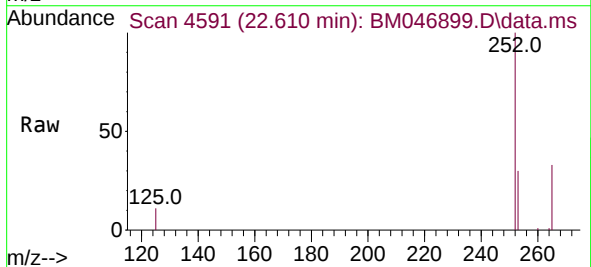
Manual Integrations
APPROVED

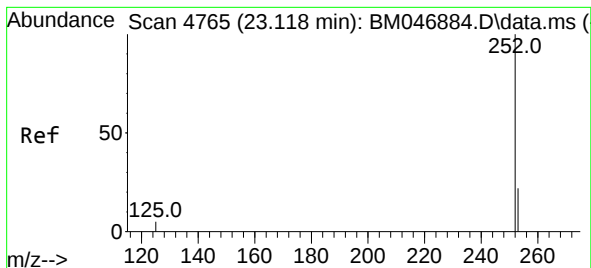
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul m
RT: 22.610 min Scan# 4591
Delta R.T. -0.012 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

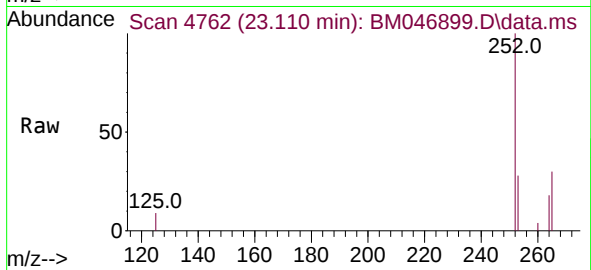
Tgt Ion:252 Resp: 12776
Ion Ratio Lower Upper
252 100
253 29.9 23.5 35.3
125 11.1 8.6 13.0





#26
Benzo(a)pyrene
Concen: 0.695 ng/ul
RT: 23.110 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

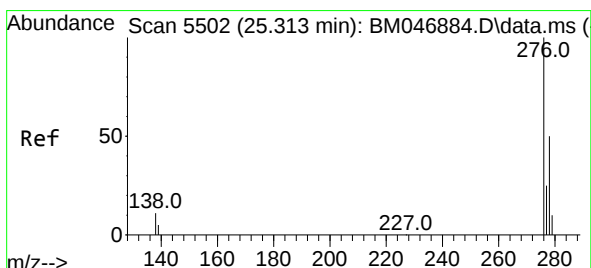
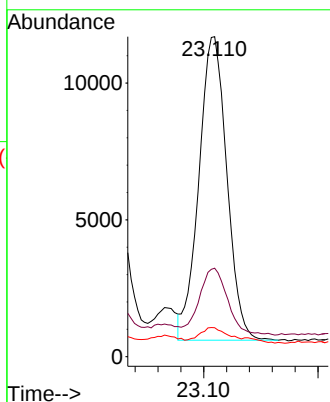
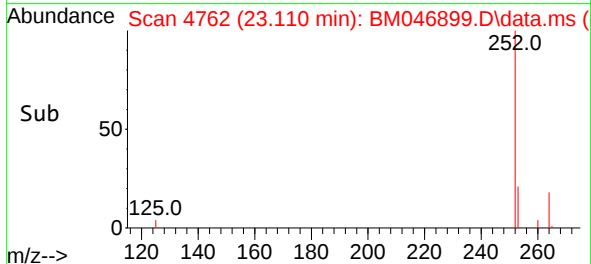
Instrument :
BNA_M
ClientSampleId :
F7E14



Tgt Ion:252 Resp: 1885
Ion Ratio Lower Upper
252 100
253 27.7 26.0 39.0
125 9.0 7.8 11.8

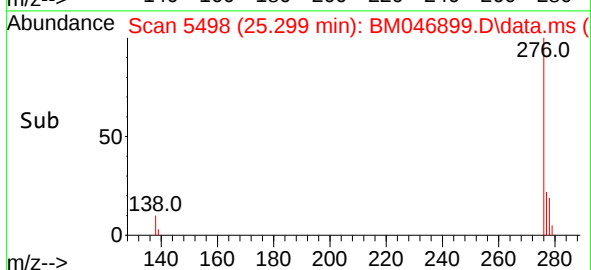
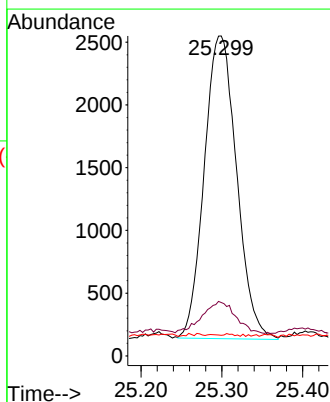
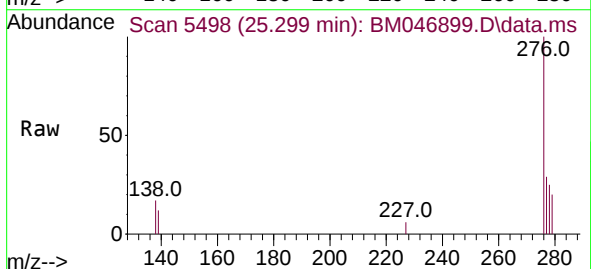
Manual Integrations
APPROVED

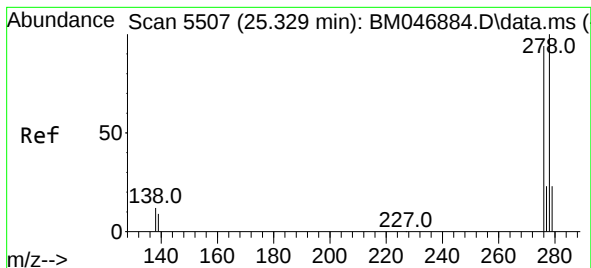
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 25.299 min Scan# 5498
Delta R.T. -0.017 min
Lab File: BM046899.D
Acq: 30 Jul 2024 00:40

Tgt Ion:276 Resp: 6705
Ion Ratio Lower Upper
276 100
138 11.4 9.7 14.5
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 25.306 min Scan# 51

Delta R.T. -0.027 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

Instrument :

BNA_M

ClientSampleId :

F7E14

Tgt Ion:278 Resp: 186

Ion Ratio Lower Upper

278 100

139 40.2 9.8 14.8

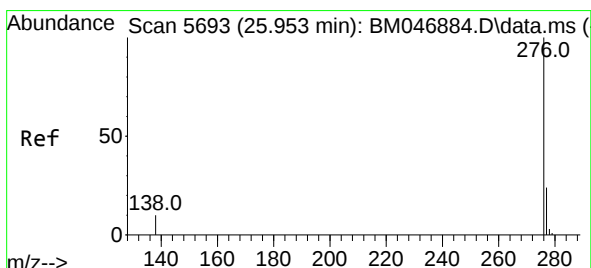
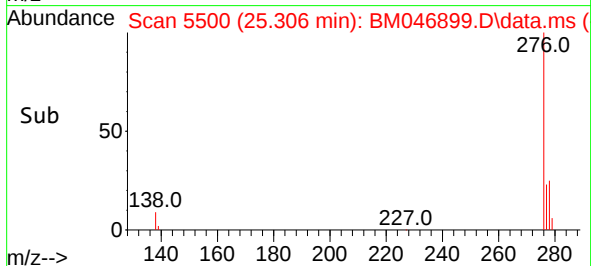
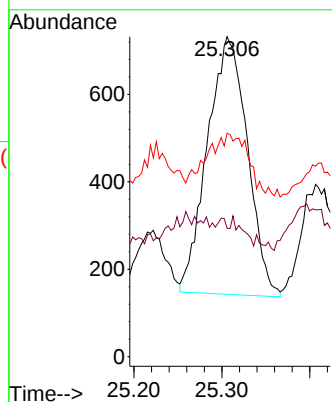
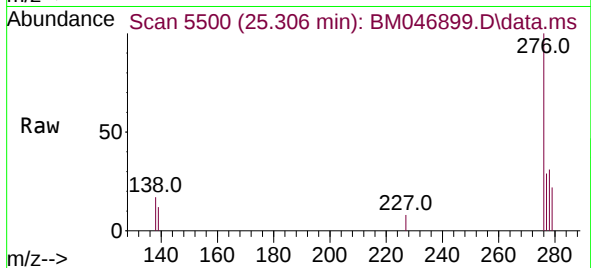
279 69.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 08/03/2024



#29

Benzo(g,h,i)perylene

Concen: 0.143 ng/ul

RT: 25.936 min Scan# 5688

Delta R.T. -0.017 min

Lab File: BM046899.D

Acq: 30 Jul 2024 00:40

Tgt Ion:276 Resp: 5258

Ion Ratio Lower Upper

276 100

138 18.4 9.5 14.3#

277 31.4 20.9 31.3#

