

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046739.D
 Acq On : 19 Jul 2024 22:56
 Operator : MA/JU
 Sample : P3201-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 23:58:59 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	7.485	152	3628	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	15992	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.131	164	6091	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	11435	0.400	ng/ul	0.00
17) Chrysene-d12	21.094	240	8206	0.400	ng/ul #	0.00
23) Perylene-d12	23.230	264	9007	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5617	1.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	2421	0.094	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	4274	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	4808	0.118	ng/ul	99
7) 2-Methylnaphthalene	11.920	142	1138	0.040	ng/ul	100
8) 1-Methylnaphthalene	12.145	142	810	0.028	ng/ul	97
10) Acenaphthylene	13.848	152	5647	0.204	ng/ul	98
11) Acenaphthene	14.191	153	5692	0.306	ng/ul	98
12) Fluorene	15.190	166	6554	0.285	ng/ul	98
15) Phenanthrene	16.925	178	123014	3.770	ng/ul	98
16) Anthracene	17.017	178	20754	0.652	ng/ul	98
19) Fluoranthene	18.954	202	225639	6.694	ng/ul	99
20) Pyrene	19.317	202	144443	3.958	ng/ul	99
21) Benzo(a)anthracene	21.076	228	84477	2.327	ng/ul	99
22) Chrysene	21.129	228	90294	2.571	ng/ul	99
24) Benzo(b)fluoranthene	22.598	252	129054m	3.587	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	45840m	1.298	ng/ul	
26) Benzo(a)pyrene	23.136	252	44842	1.514	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.340	276	49550	1.100	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	15583	0.437	ng/ul#	93
29) Benzo(g,h,i)perylene	25.984	276	7366	0.205	ng/ul#	84

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

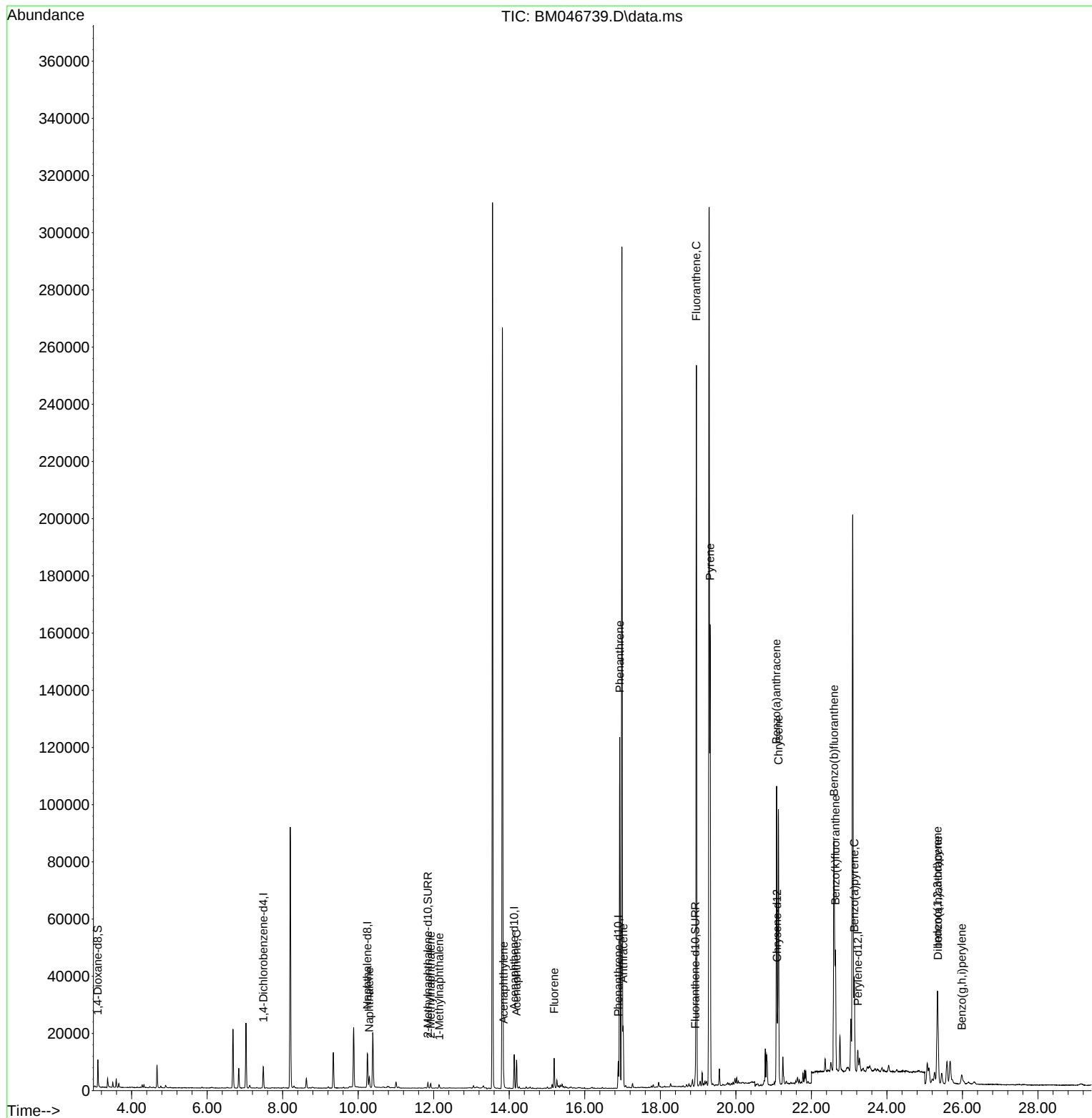
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046739.D
Acq On : 19 Jul 2024 22:56
Operator : MA/JU
Sample : P3201-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

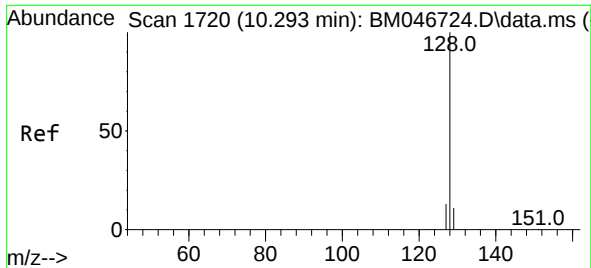
Instrument :
BNA_M
ClientSampleId :
A4CH7

Quant Time: Jul 19 23:58:59 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
APPROVED

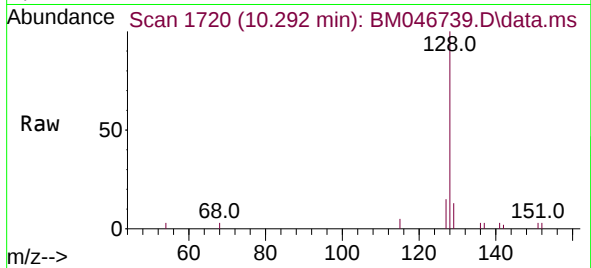
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024





#5
Naphthalene
Concen: 0.118 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

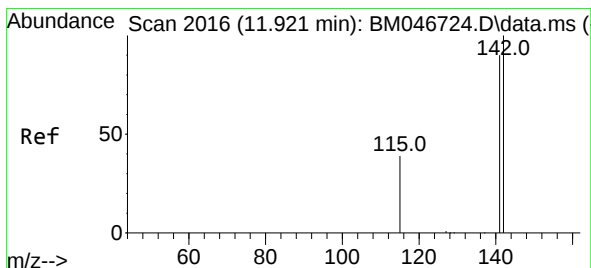
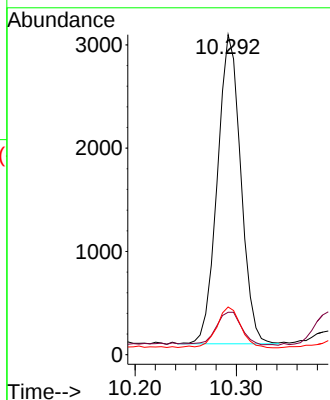
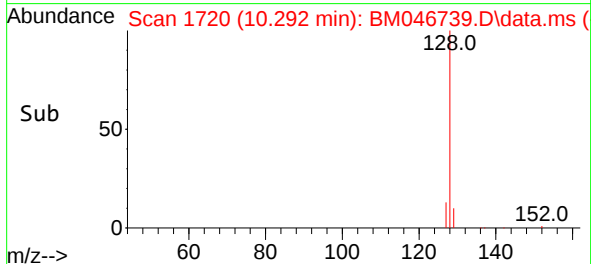
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:128 Resp: 4808
Ion Ratio Lower Upper
128 100
129 13.3 10.3 15.5
127 14.9 12.2 18.4

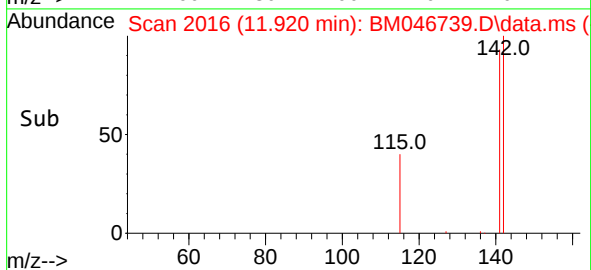
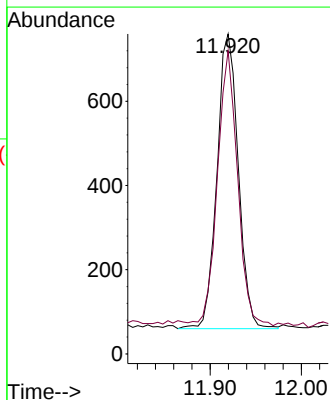
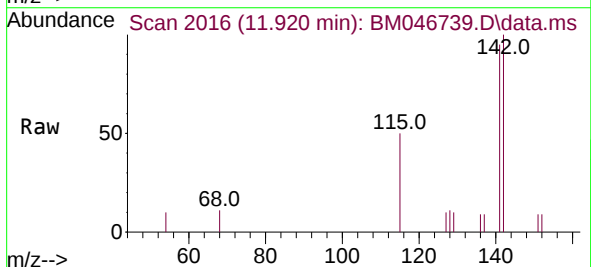
Manual Integrations
APPROVED

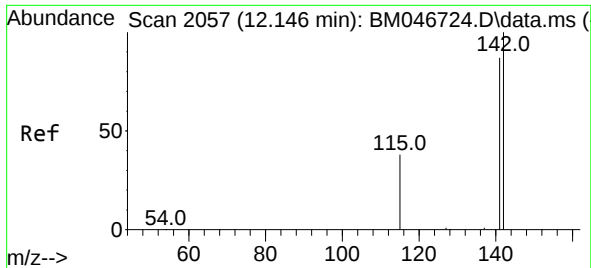
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

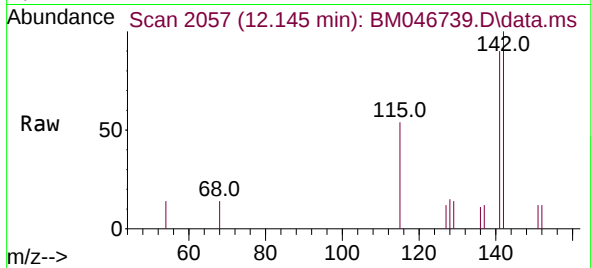
Tgt Ion:142 Resp: 1138
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.145 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

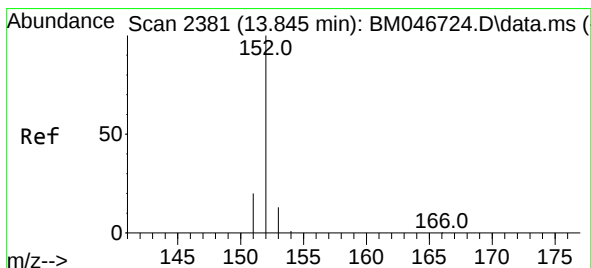
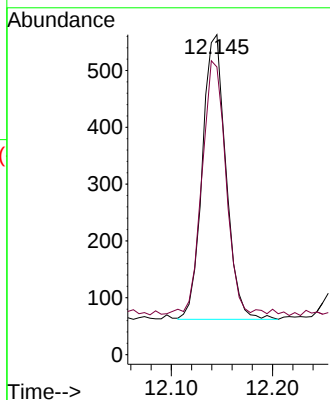
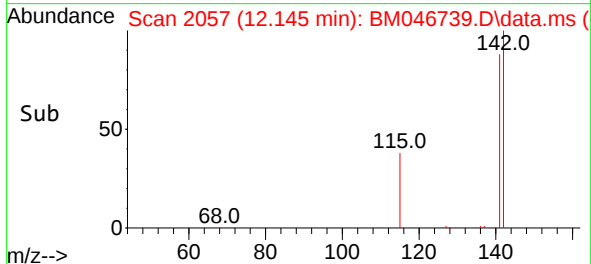
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
141 90.0 73.9 110.9

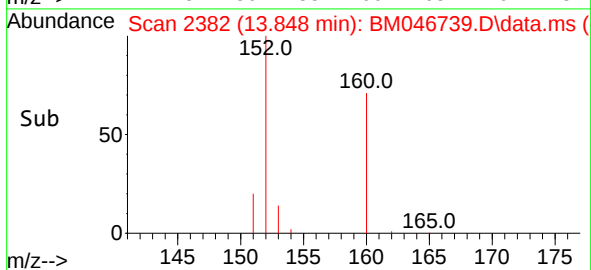
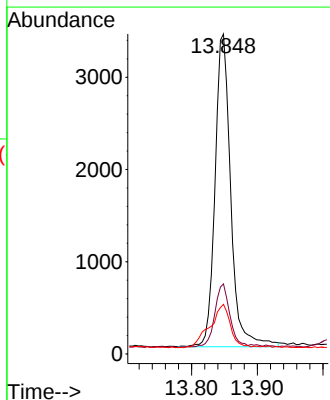
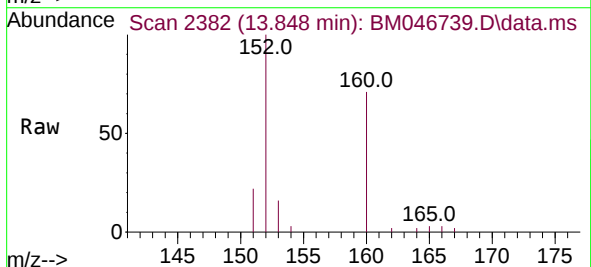
Manual Integrations
APPROVED

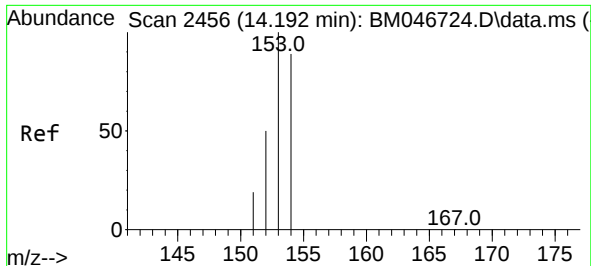
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.204 ng/ul
RT: 13.848 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

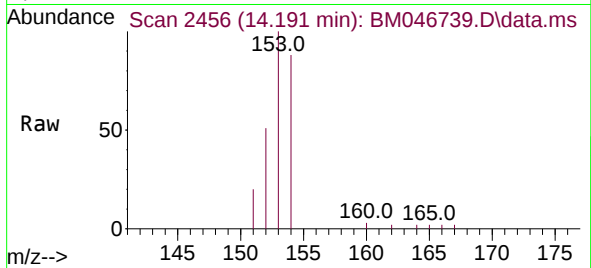
Tgt Ion:152 Resp: 5647
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 15.5 12.4 18.6





#11
Acenaphthene
Concen: 0.306 ng/u1
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

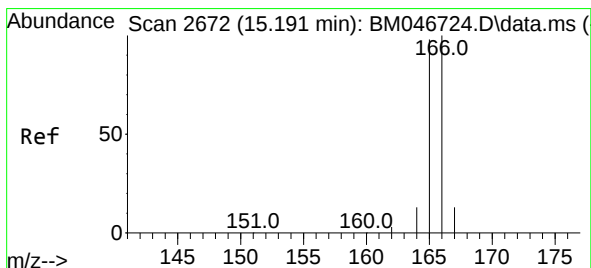
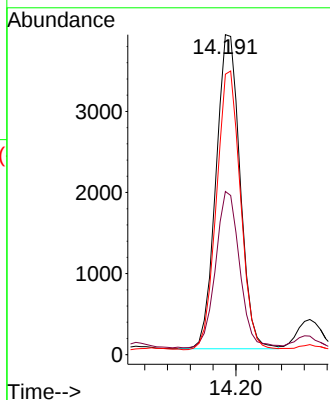
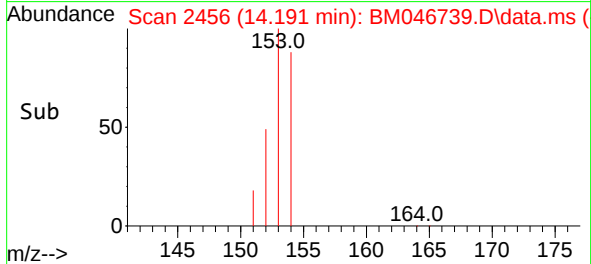
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:153 Resp: 5692
Ion Ratio Lower Upper
153 100
152 51.0 43.0 64.6
154 87.7 69.9 104.9

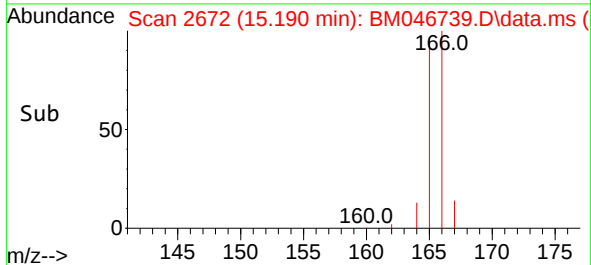
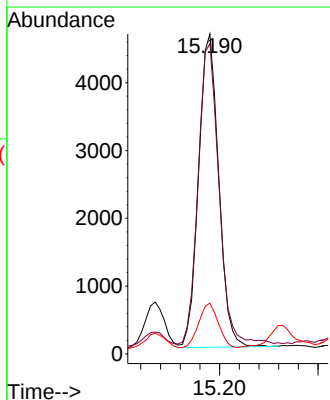
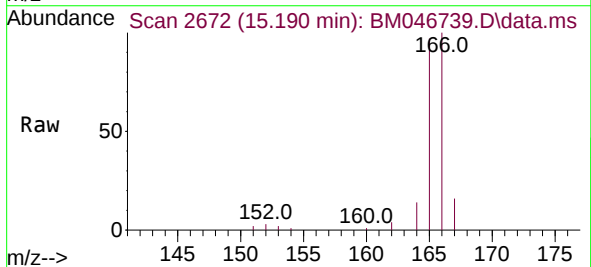
Manual Integrations
APPROVED

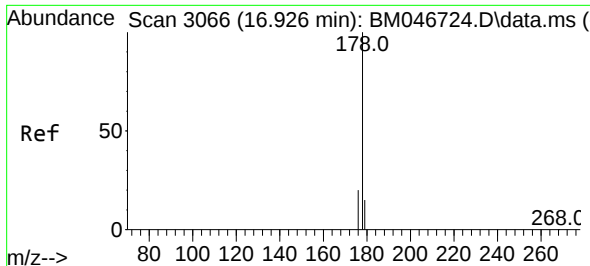
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.285 ng/u1
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

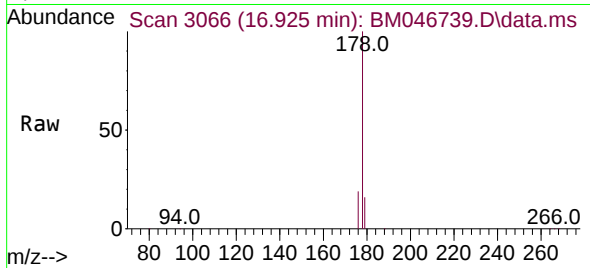
Tgt Ion:166 Resp: 6554
Ion Ratio Lower Upper
166 100
165 96.9 76.1 114.1
167 15.9 12.5 18.7





#15
Phenanthrene
Concen: 3.770 ng/u1
RT: 16.925 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

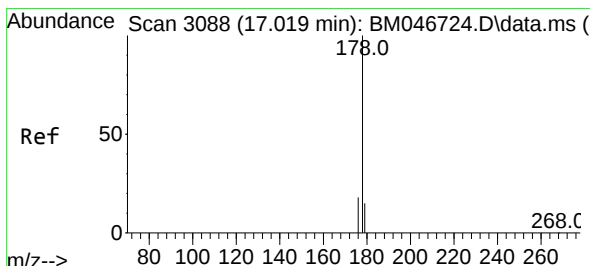
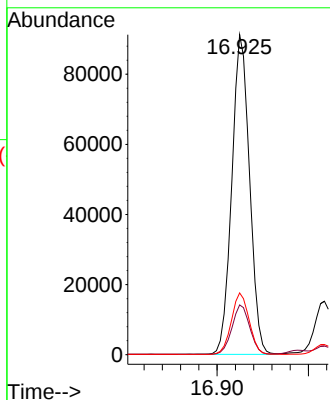
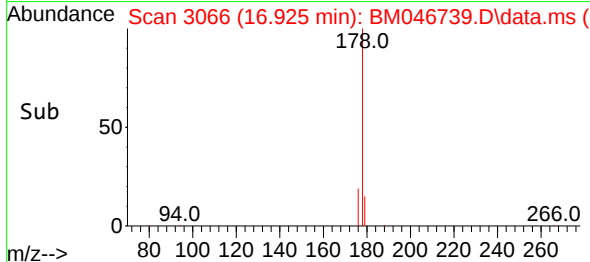
Instrument :
BNA_M
ClientSampleId :
A4CH7



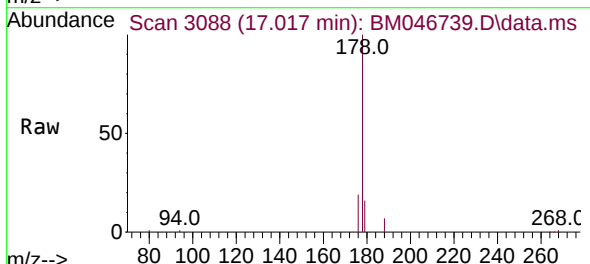
Tgt Ion:178 Resp: 123014
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.3 16.0 24.0

Manual Integrations
APPROVED

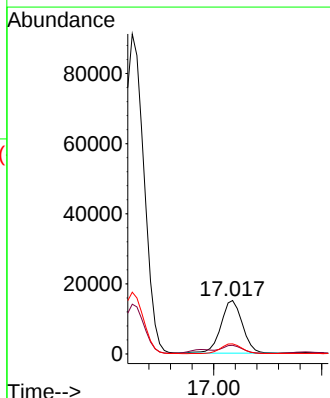
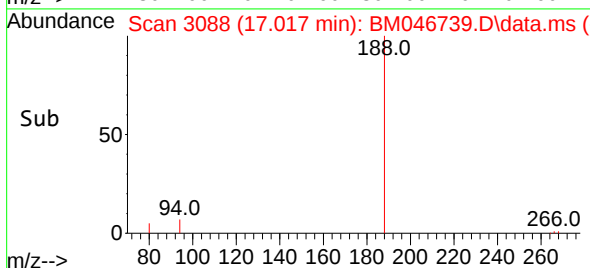
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

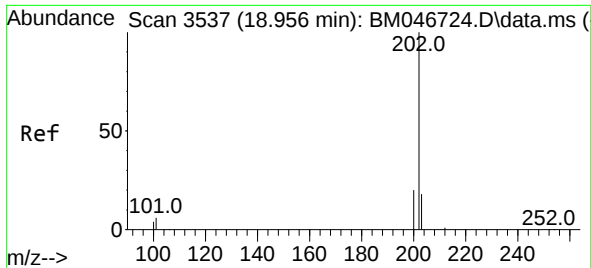


#16
Anthracene
Concen: 0.652 ng/u1
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56



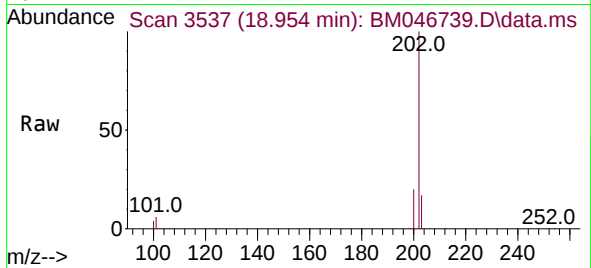
Tgt Ion:178 Resp: 20754
Ion Ratio Lower Upper
178 100
179 16.2 13.5 20.3
176 18.9 15.7 23.5





#19
Fluoranthene
Concen: 6.694 ng/u1
RT: 18.954 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

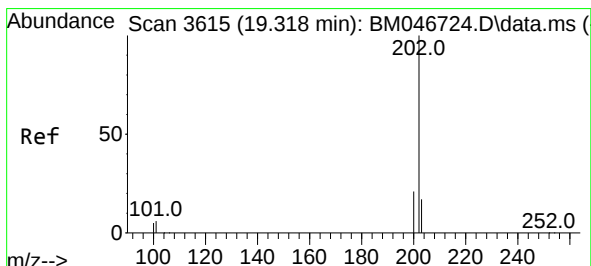
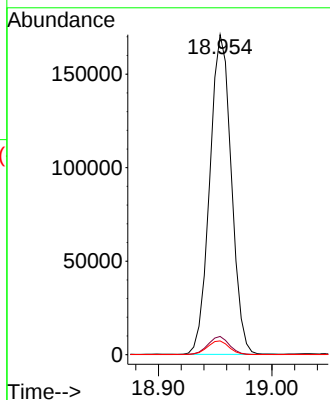
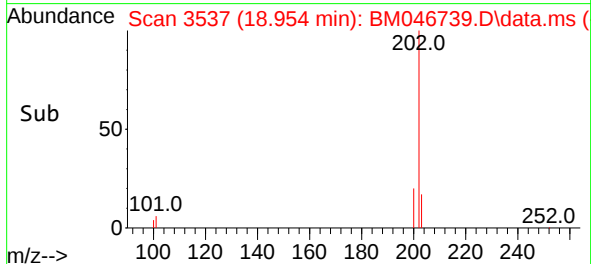
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:202 Resp: 225639
Ion Ratio Lower Upper
202 100
101 5.7 4.6 6.8
100 4.3 3.0 4.6

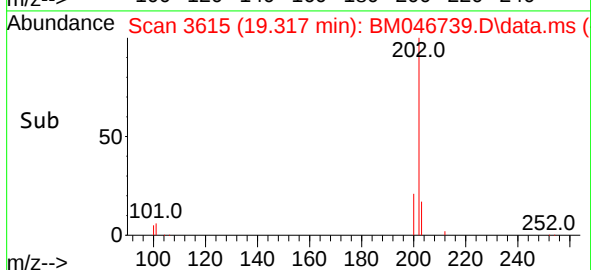
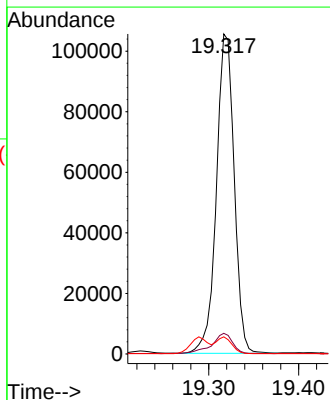
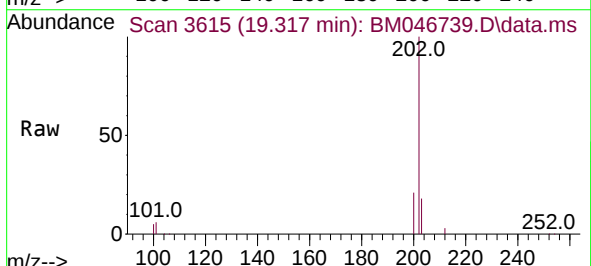
Manual Integrations
APPROVED

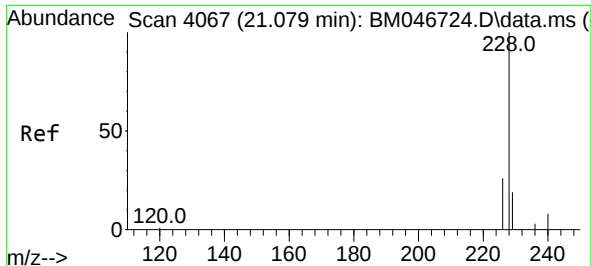
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 3.958 ng/u1
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

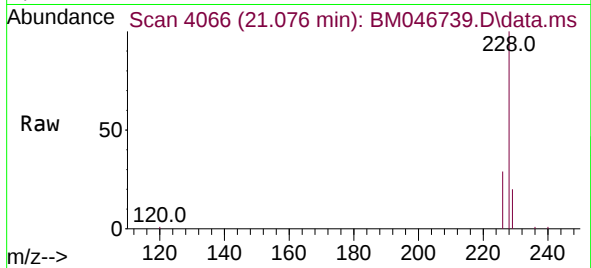
Tgt Ion:202 Resp: 144443
Ion Ratio Lower Upper
202 100
101 6.5 5.1 7.7
100 5.3 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.327 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

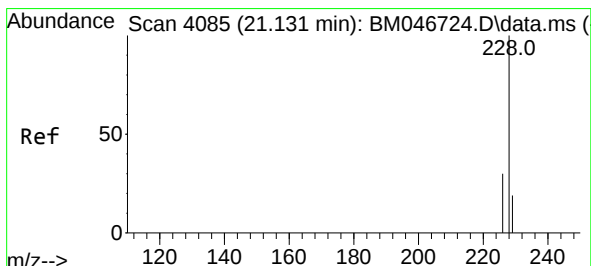
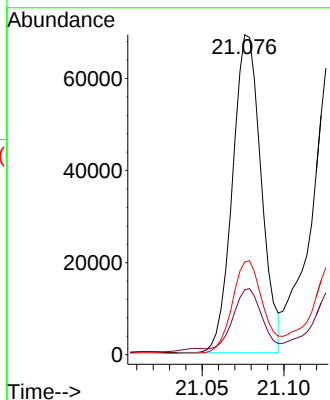
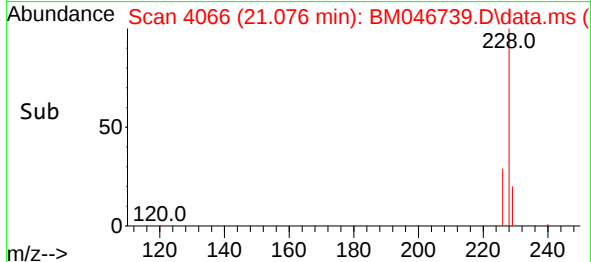
Instrument :
BNA_M
ClientSampleId :
A4CH7



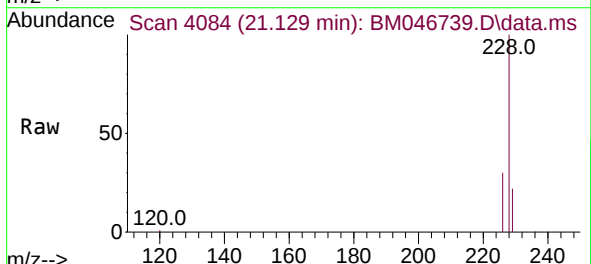
Tgt Ion:228 Resp: 8447
Ion Ratio Lower Upper
228 100
229 20.3 16.5 24.7
226 29.0 22.5 33.7

Manual Integrations
APPROVED

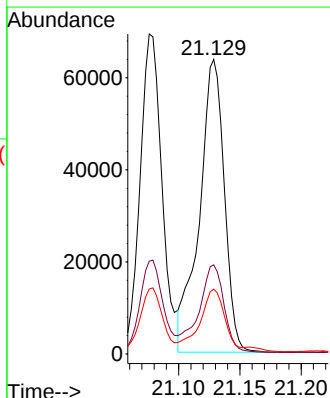
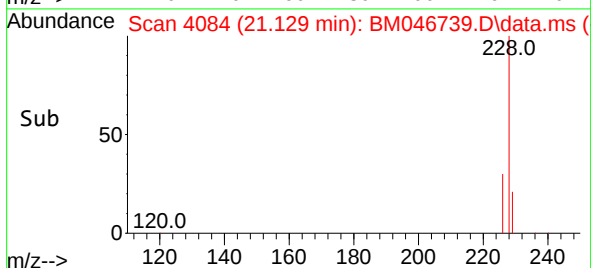
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

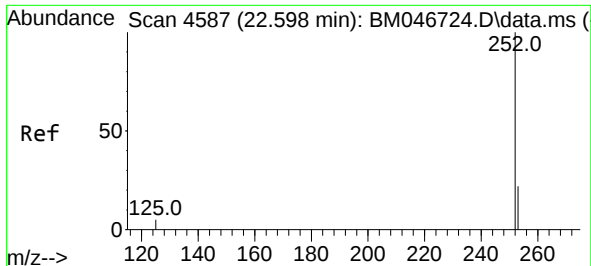


#22
Chrysene
Concen: 2.571 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56



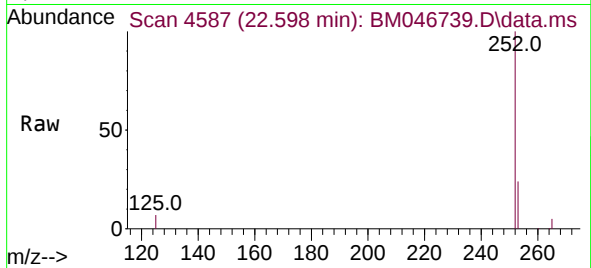
Tgt Ion:228 Resp: 90294
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.587 ng/ul m
RT: 22.598 min Scan# 4587
Delta R.T. -0.000 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

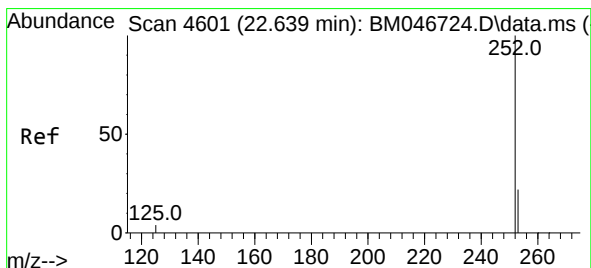
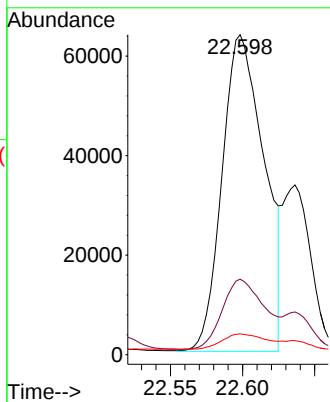
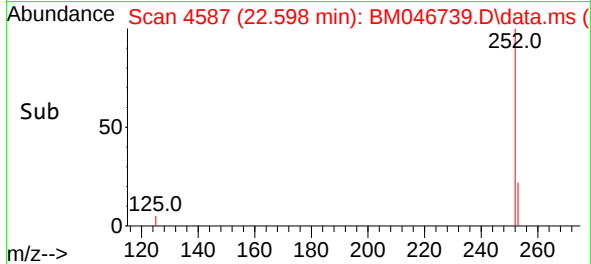
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:252 Resp: 129054
Ion Ratio Lower Upper
252 100
253 23.6 0.0 56.2
125 6.5 0.0 17.8

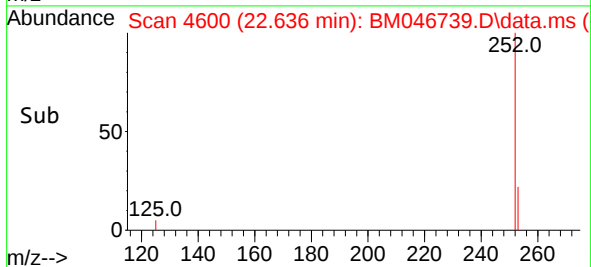
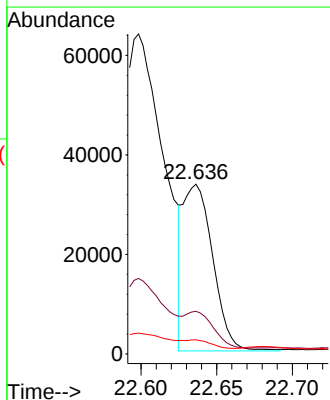
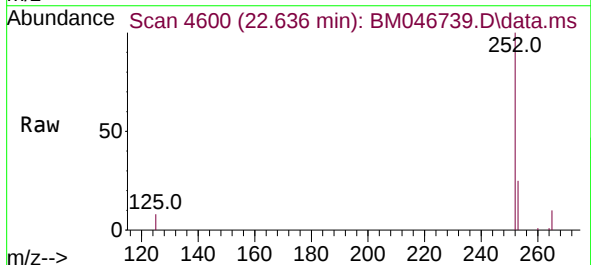
Manual Integrations
APPROVED

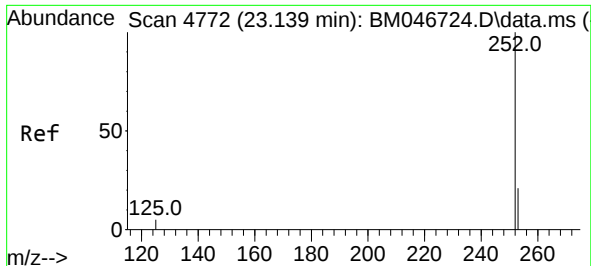
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 1.298 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

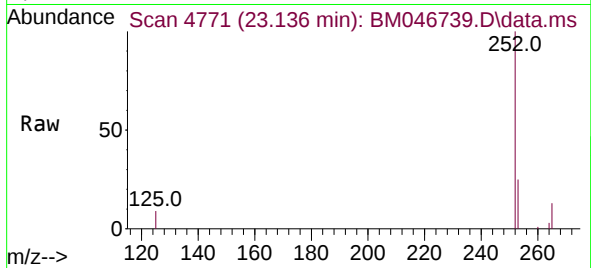
Tgt Ion:252 Resp: 45840
Ion Ratio Lower Upper
252 100
253 25.2 22.4 33.6
125 8.3 7.0 10.4





#26
Benzo(a)pyrene
Concen: 1.514 ng/ul
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

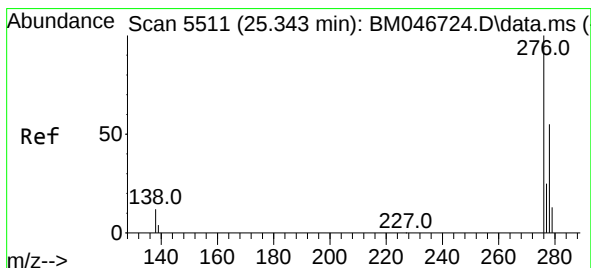
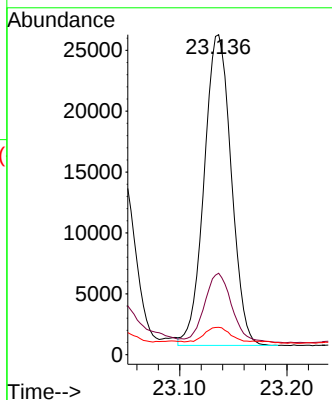
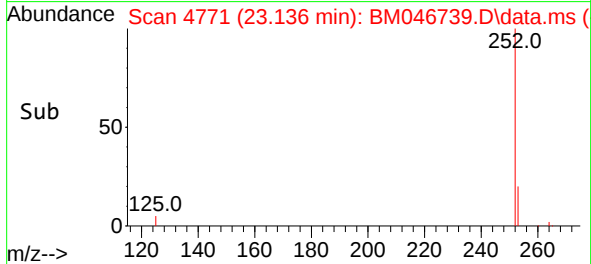
Instrument :
BNA_M
ClientSampleId :
A4CH7



Tgt Ion:252 Resp: 4484
Ion Ratio Lower Upper
252 100
253 25.4 24.0 36.0
125 8.6 8.2 12.2

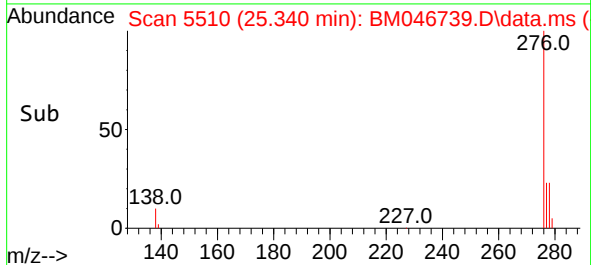
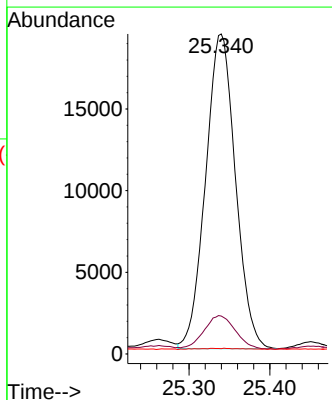
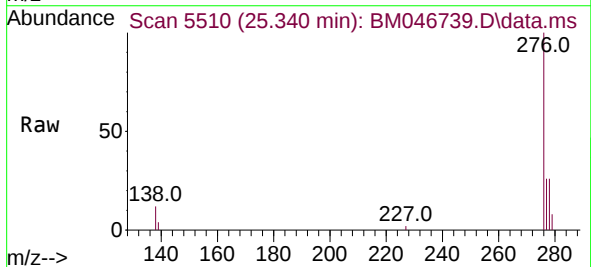
Manual Integrations
APPROVED

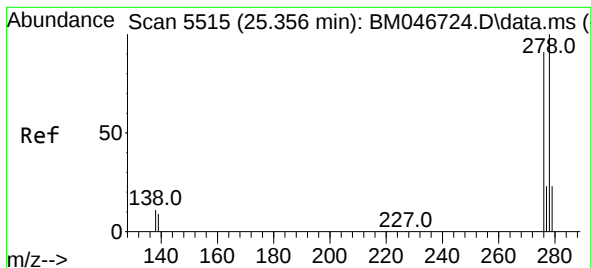
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.100 ng/ul
RT: 25.340 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046739.D
Acq: 19 Jul 2024 22:56

Tgt Ion:276 Resp: 49550
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.5 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.437 ng/ul

RT: 25.350 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM046739.D

Acq: 19 Jul 2024 22:56

Instrument :

BNA_M

ClientSampleId :

A4CH7

Tgt Ion:278 Resp: 1558

Ion Ratio Lower Upper

278 100

139 16.0 9.1 13.7

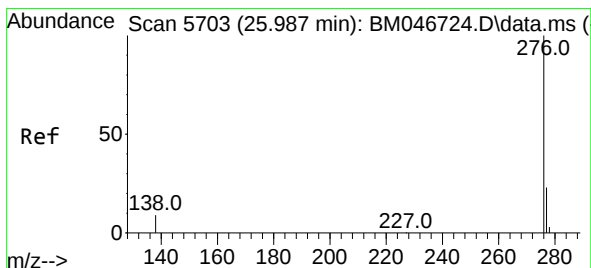
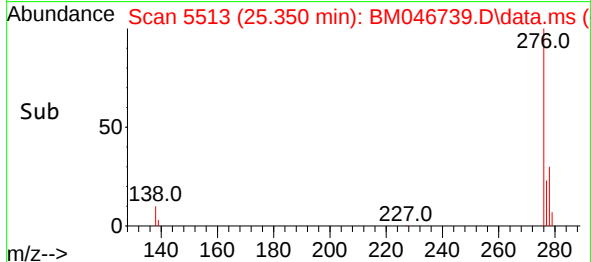
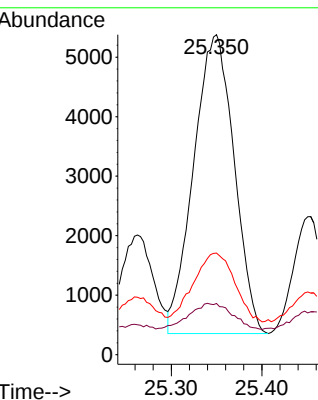
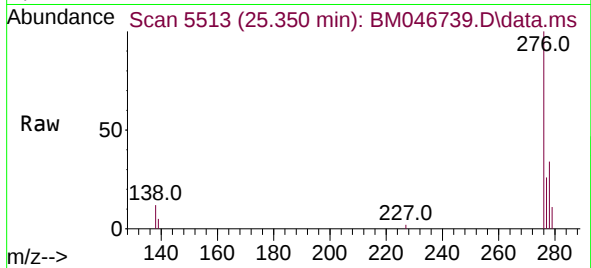
279 31.8 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#29

Benzo(g,h,i)perylene

Concen: 0.205 ng/ul

RT: 25.984 min Scan# 5702

Delta R.T. -0.000 min

Lab File: BM046739.D

Acq: 19 Jul 2024 22:56

Tgt Ion:276 Resp: 7366

Ion Ratio Lower Upper

276 100

138 20.5 10.2 15.4#

277 33.6 20.9 31.3#

