

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046442.D
 Acq On : 08 Jul 2024 18:51
 Operator : MA/JU
 Sample : P3010-21DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:58:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	8339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	23631	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	14400	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	26707	0.400	ng/ul	-0.01
17) Chrysene-d12	21.131	240	15013	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	15226	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4298	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1843	0.053	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	3316	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	4956	0.079	ng/ul	95
7) 2-Methylnaphthalene	11.970	142	1730	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.190	142	1363	0.031	ng/ul	97
10) Acenaphthylene	13.891	152	6185	0.085	ng/ul	98
11) Acenaphthene	14.238	153	7271	0.153	ng/ul	100
12) Fluorene	15.233	166	7803	0.139	ng/ul	99
15) Phenanthrene	16.968	178	177207	2.216	ng/ul	98
16) Anthracene	17.057	178	29954	0.386	ng/ul	100
19) Fluoranthene	18.993	202	299383	3.945	ng/ul#	96
20) Pyrene	19.355	202	193067	2.473	ng/ul#	94
21) Benzo(a)anthracene	21.116	228	107565	1.604	ng/ul	97
22) Chrysene	21.166	228	109337	1.639	ng/ul	98
24) Benzo(b)fluoranthene	22.651	252	136536m	2.109	ng/ul	
25) Benzo(k)fluoranthene	22.689	252	47529m	0.727	ng/ul	
26) Benzo(a)pyrene	23.191	252	46634	0.911	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.420	276	44255	0.640	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.437	278	16359	0.306	ng/ul#	89
29) Benzo(g,h,i)perylene	26.071	276	6943	0.126	ng/ul#	82

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

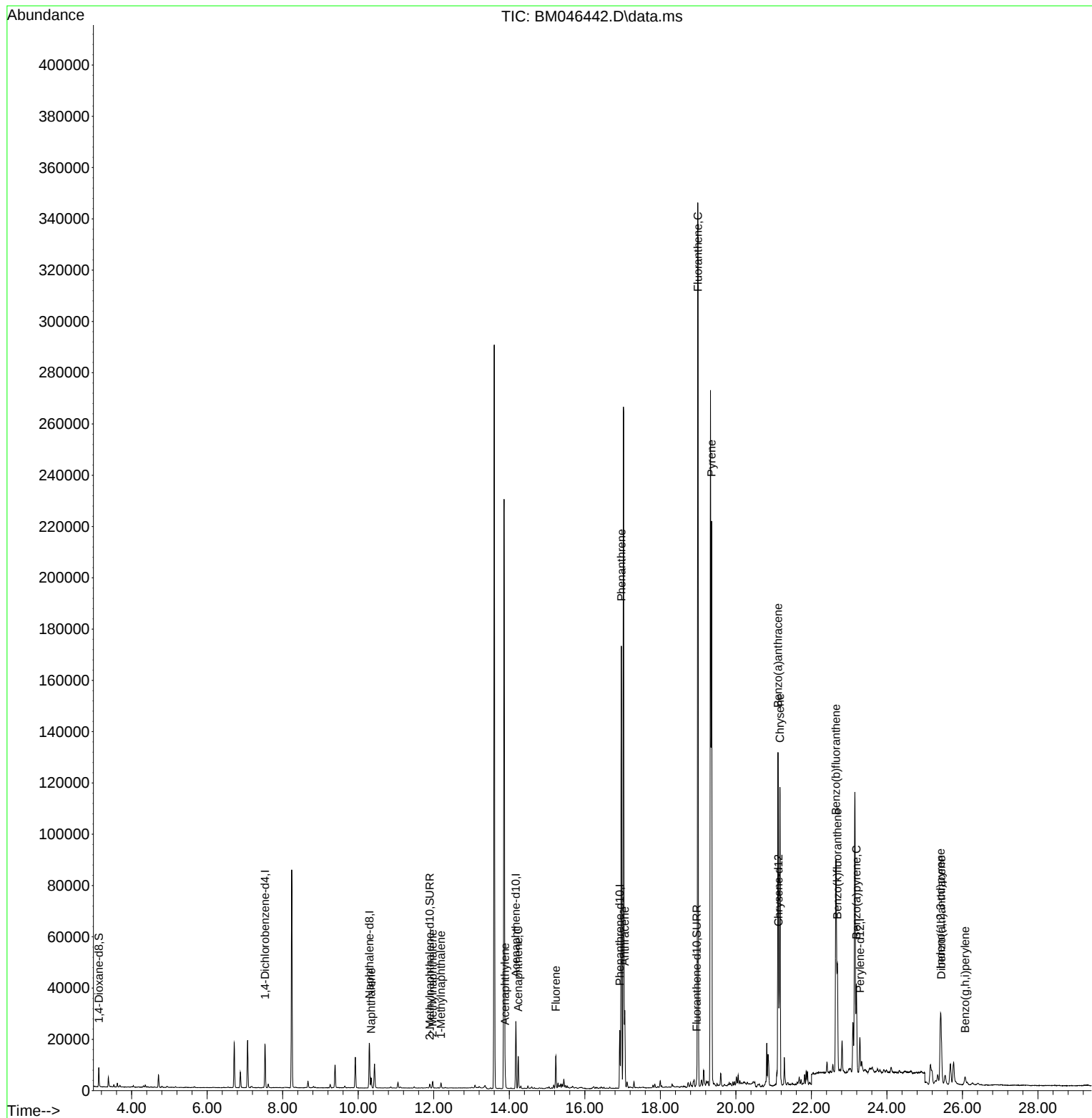
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046442.D
Acq On : 08 Jul 2024 18:51
Operator : MA/JU
Sample : P3010-21DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

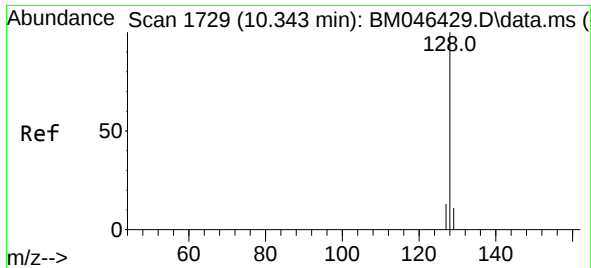
Instrument :
BNA_M
ClientSampleId :
A4BD0DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

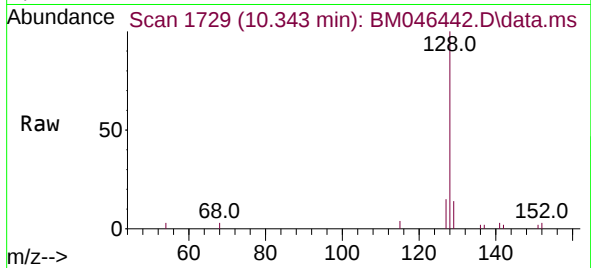
Quant Time: Jul 09 00:58:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

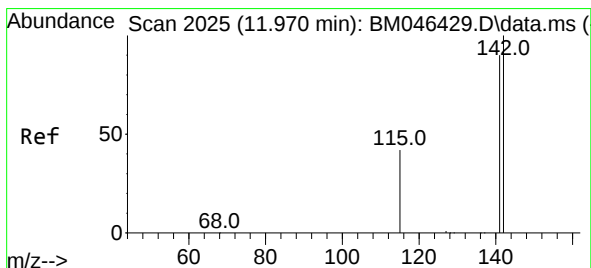
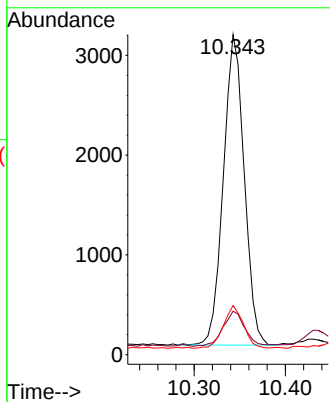
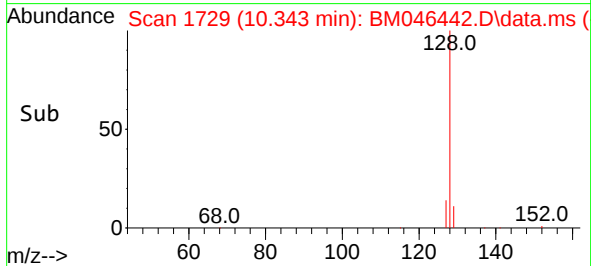
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



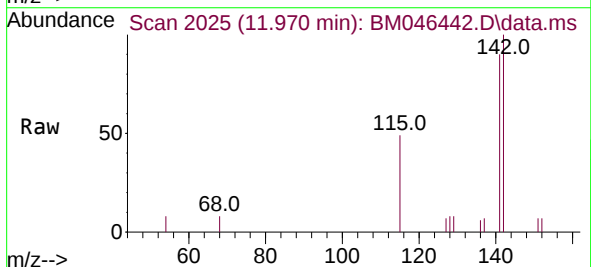
Tgt Ion:128 Resp: 4950
Ion Ratio Lower Upper
128 100
129 13.6 9.4 14.0
127 15.4 10.8 16.2

Manual Integrations
APPROVED

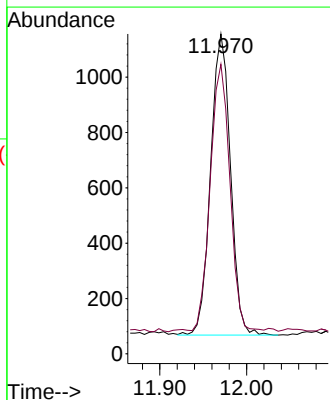
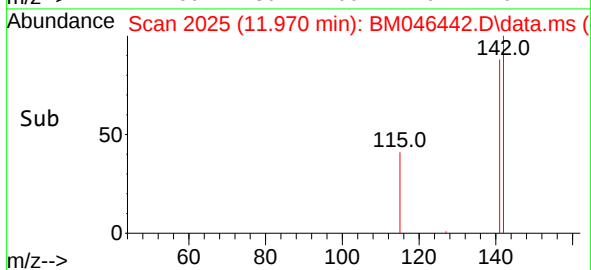
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

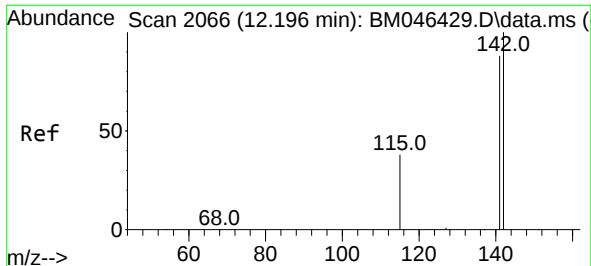


#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 11.970 min Scan# 2025
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51



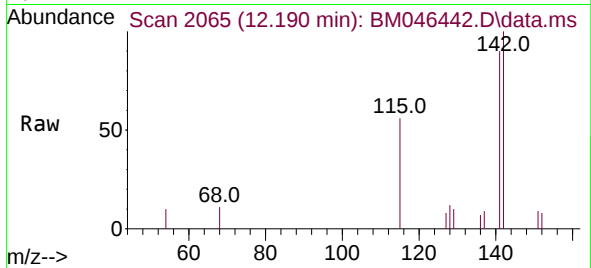
Tgt Ion:142 Resp: 1730
Ion Ratio Lower Upper
142 100
141 86.6 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.190 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

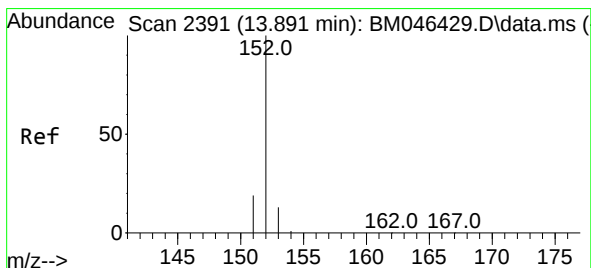
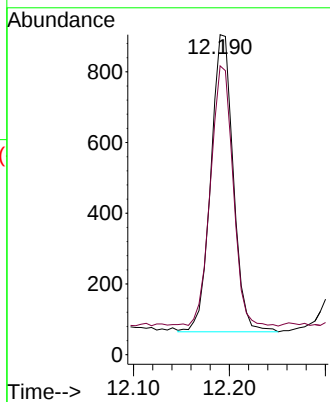
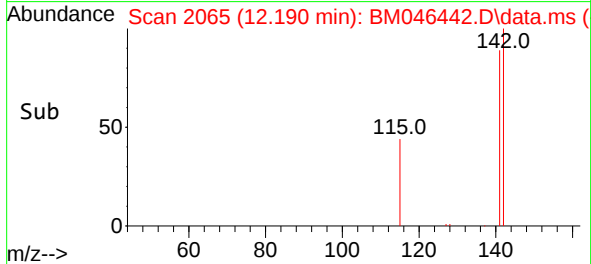
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
141 88.0 72.4 108.6

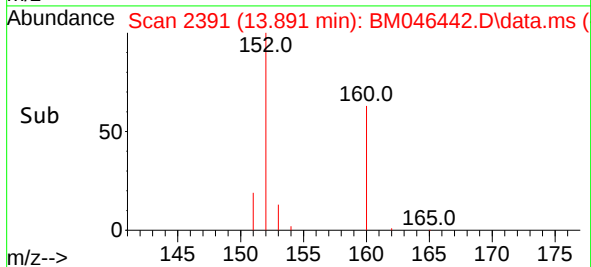
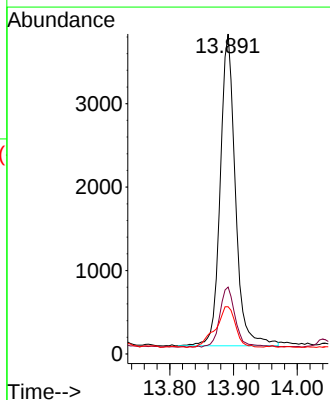
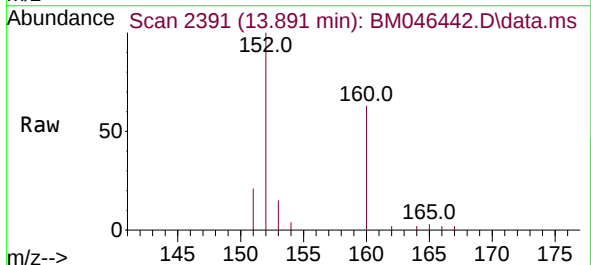
Manual Integrations
APPROVED

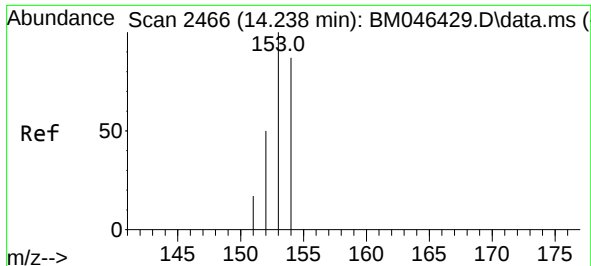
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

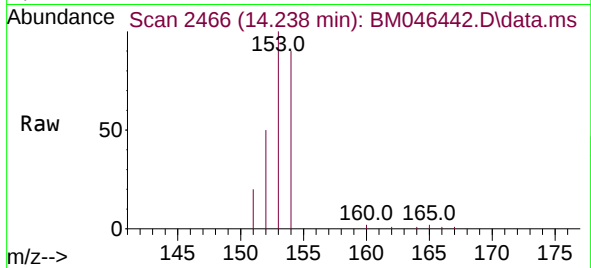
Tgt Ion:152 Resp: 6185
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 14.8 11.0 16.6





#11
Acenaphthene
Concen: 0.153 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

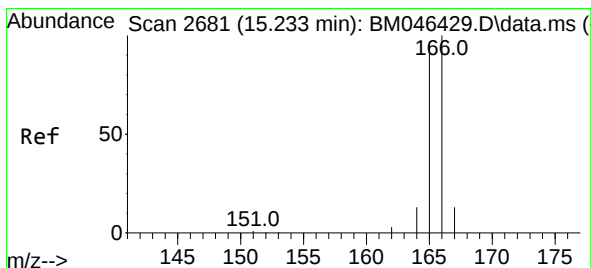
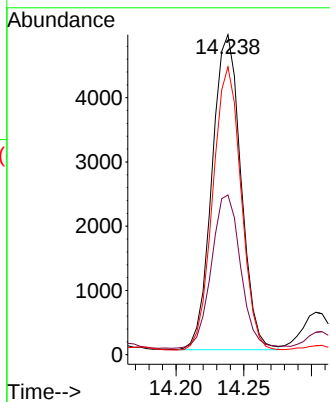
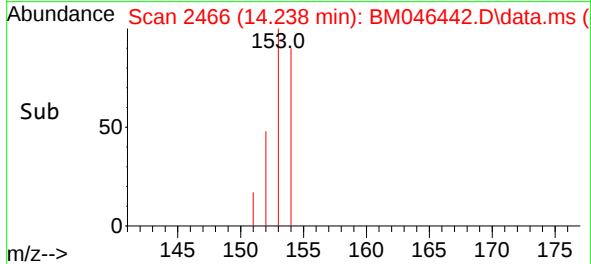
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:153 Resp: 727
Ion Ratio Lower Upper
153 100
152 49.9 40.4 60.6
154 90.0 72.1 108.1

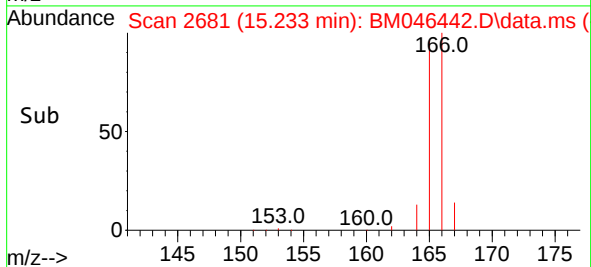
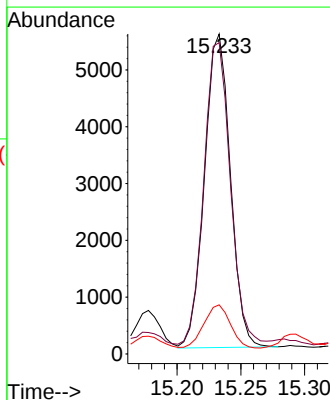
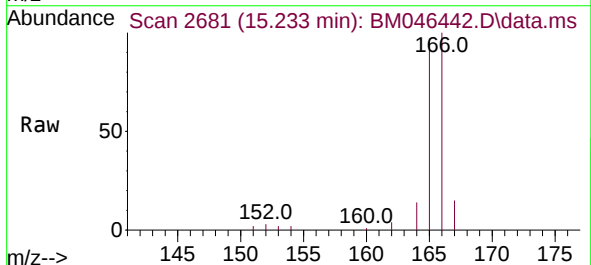
Manual Integrations
APPROVED

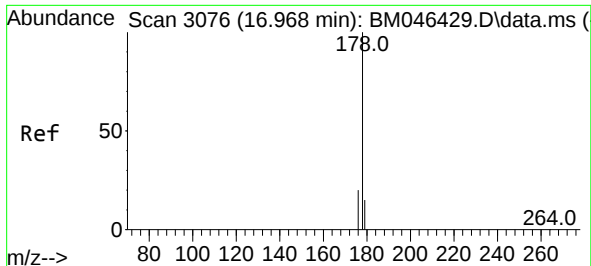
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

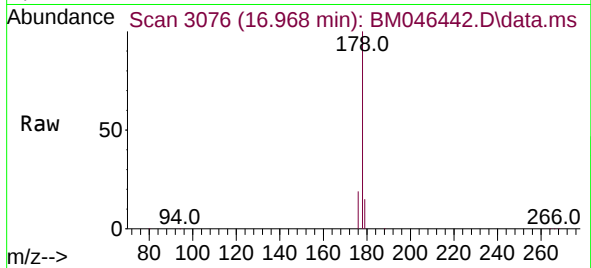
Tgt Ion:166 Resp: 7803
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 15.4 11.4 17.0





#15
Phenanthrene
Concen: 2.216 ng/u1
RT: 16.968 min Scan# 3076
Delta R.T. -0.007 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

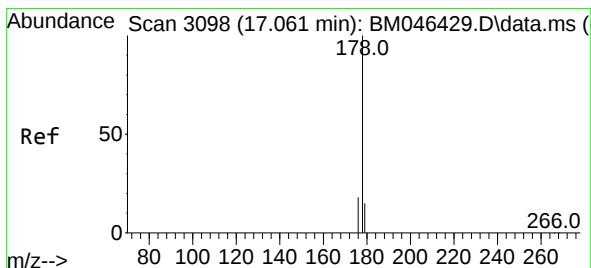
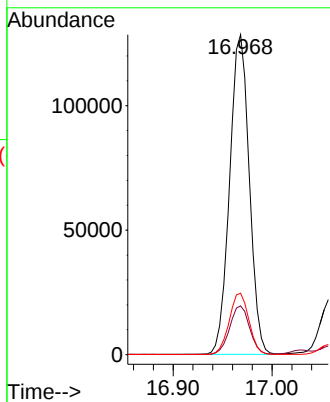
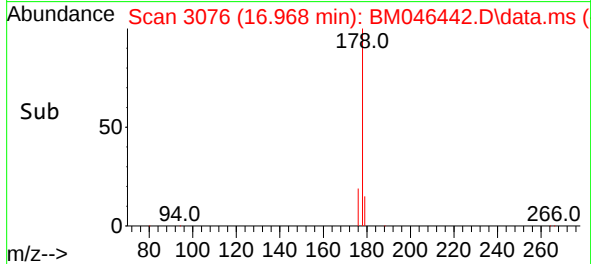
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:178 Resp: 17720
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.2 16.0 24.0

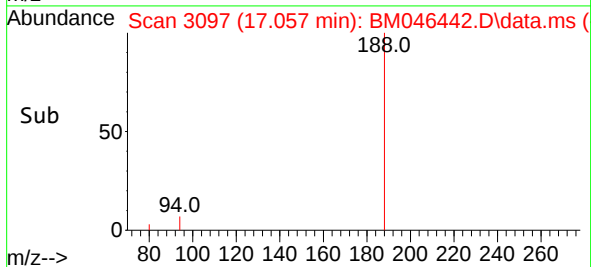
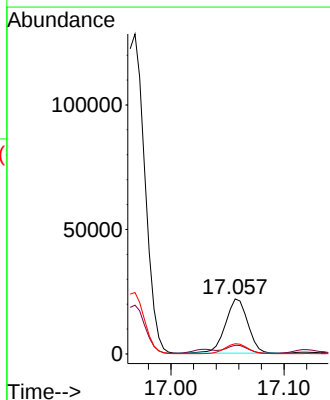
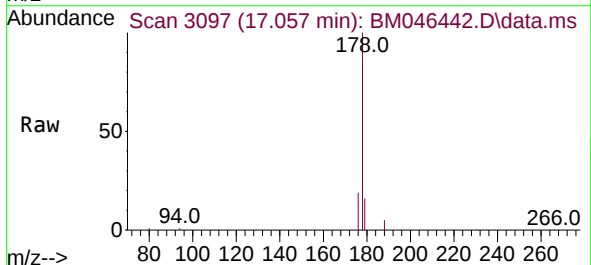
Manual Integrations
APPROVED

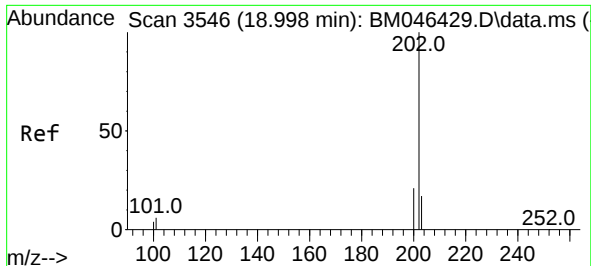
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#16
Anthracene
Concen: 0.386 ng/u1
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

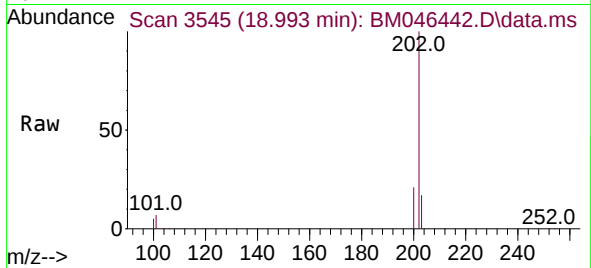
Tgt Ion:178 Resp: 29954
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.6 14.9 22.3





#19
Fluoranthene
Concen: 3.945 ng/u1
RT: 18.993 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

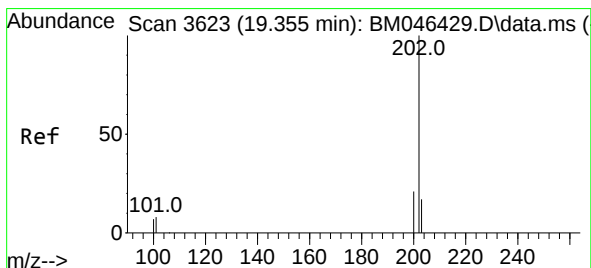
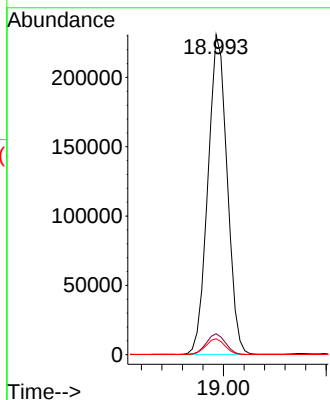
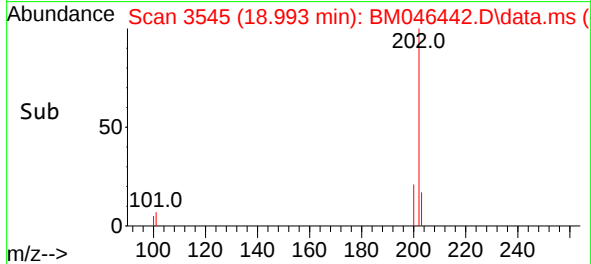
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:202 Resp: 29938
Ion Ratio Lower Upper
202 100
101 6.6 6.3 9.5
100 5.0 5.0 7.6

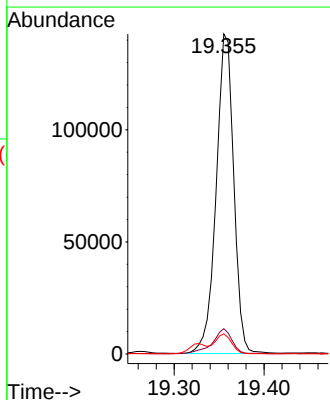
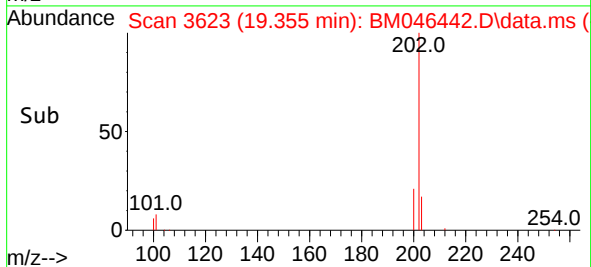
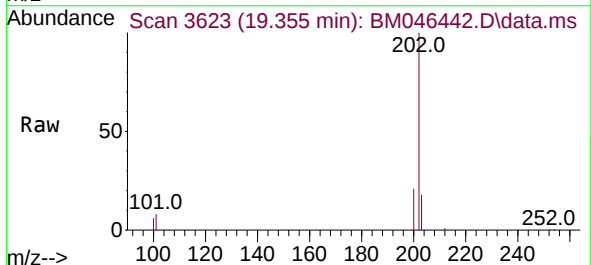
Manual Integrations
APPROVED

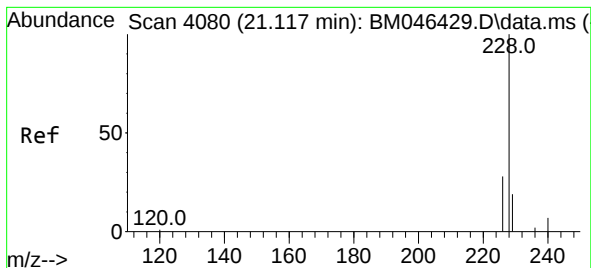
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#20
Pyrene
Concen: 2.473 ng/u1
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:202 Resp: 193067
Ion Ratio Lower Upper
202 100
101 7.9 8.2 12.4#
100 6.3 6.9 10.3#





#21

Benzo(a)anthracene

Concen: 1.604 ng/ul

RT: 21.116 min Scan# 4080

Delta R.T. -0.009 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

Instrument :

BNA_M

ClientSampleId :

A4BD0DL

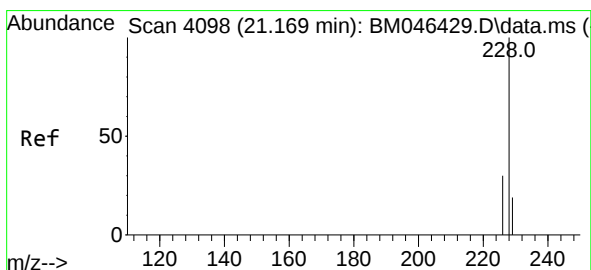
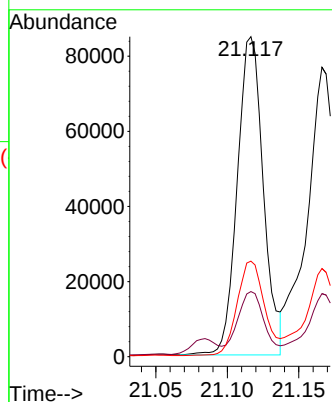
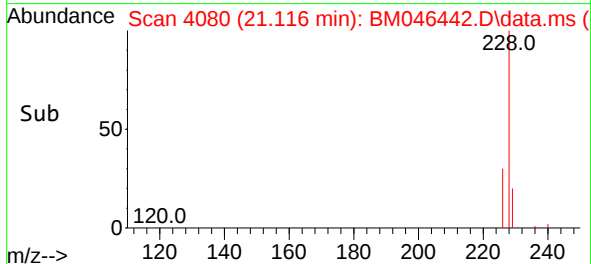
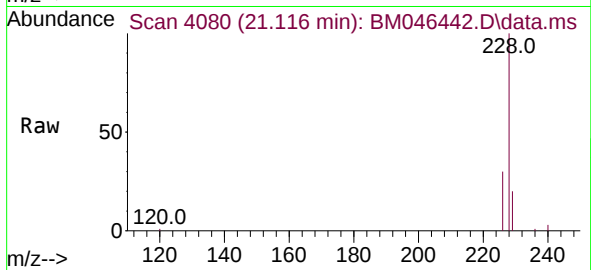
Tgt Ion:228 Resp: 10756
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.9 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#22

Chrysene

Concen: 1.639 ng/ul

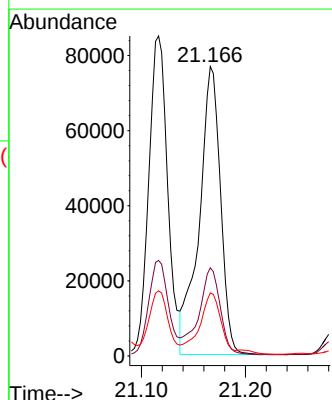
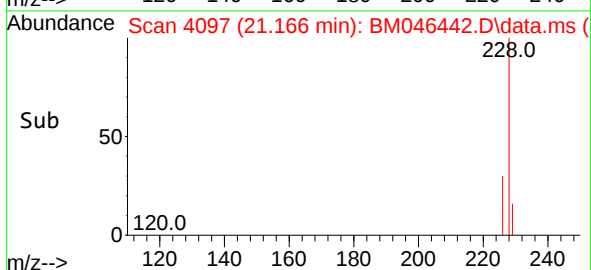
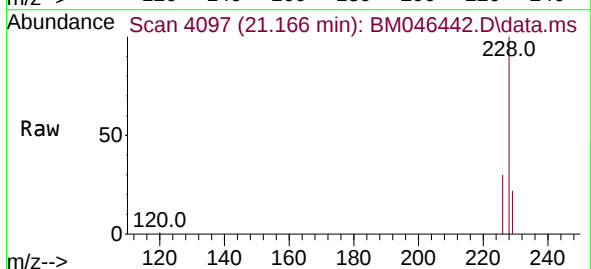
RT: 21.166 min Scan# 4097

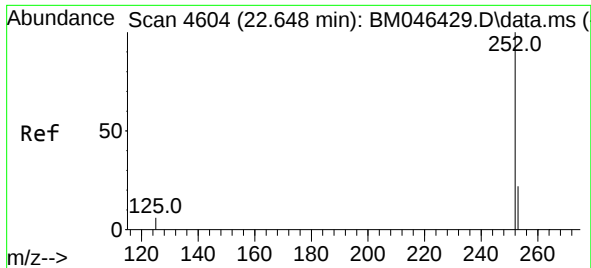
Delta R.T. -0.012 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

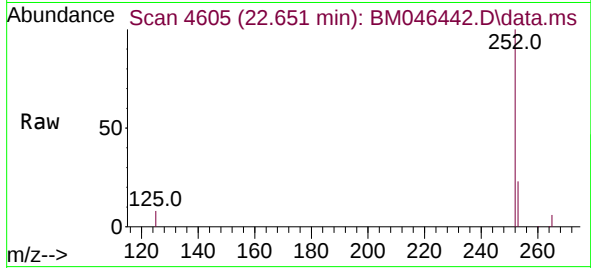
Tgt Ion:228 Resp: 109337
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.109 ng/ul m
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

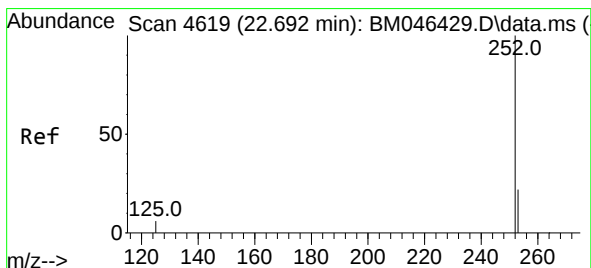
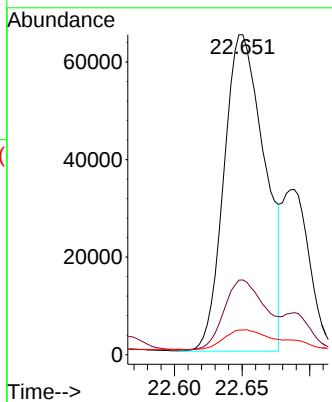
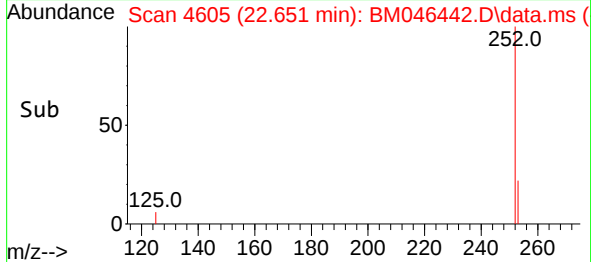
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:252 Resp: 136530
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.0
125 7.7 0.0 18.4

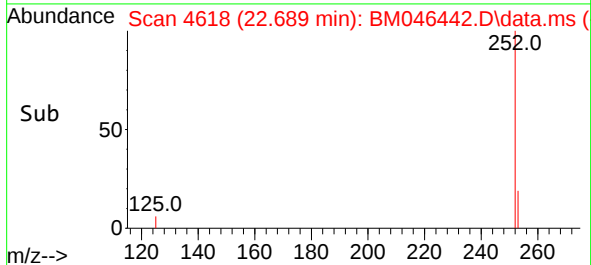
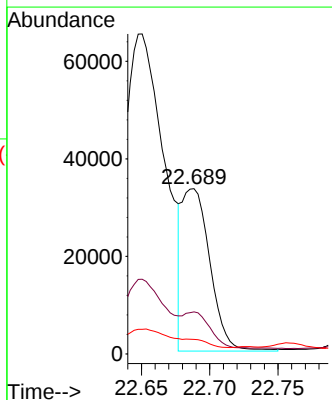
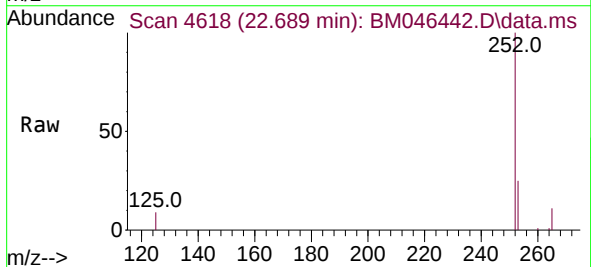
Manual Integrations
APPROVED

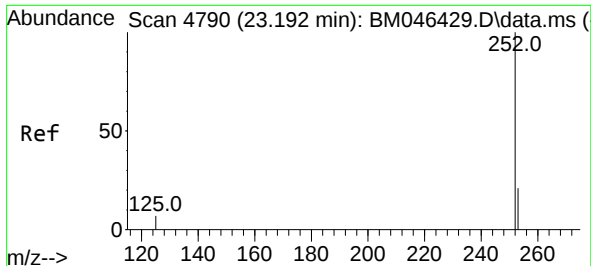
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#25
Benzo(k)fluoranthene
Concen: 0.727 ng/ul m
RT: 22.689 min Scan# 4618
Delta R.T. -0.018 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

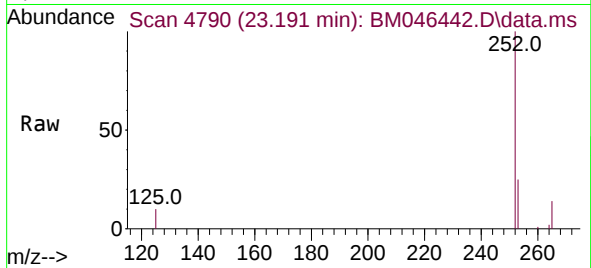
Tgt Ion:252 Resp: 47529
Ion Ratio Lower Upper
252 100
253 25.5 18.4 27.6
125 8.9 7.5 11.3





#26
Benzo(a)pyrene
Concen: 0.911 ng/ul
RT: 23.191 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

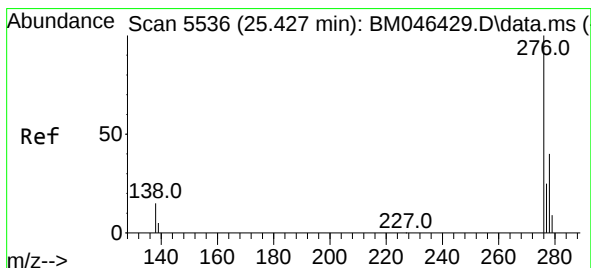
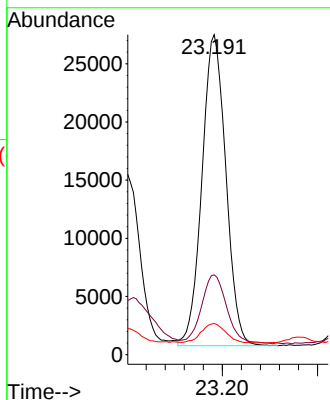
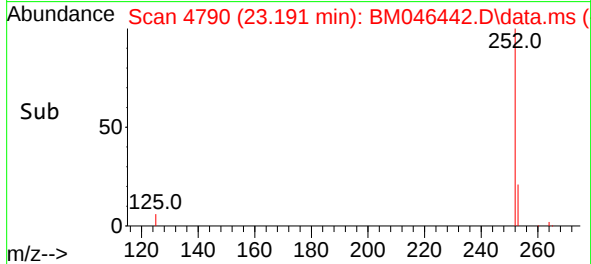
Instrument :
BNA_M
ClientSampleId :
A4BD0DL



Tgt Ion:252 Resp: 46634
Ion Ratio Lower Upper
252 100
253 25.0 18.9 28.3
125 9.7 8.1 12.1

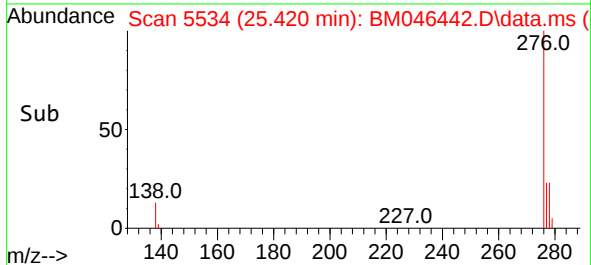
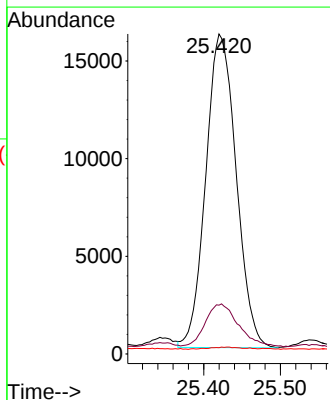
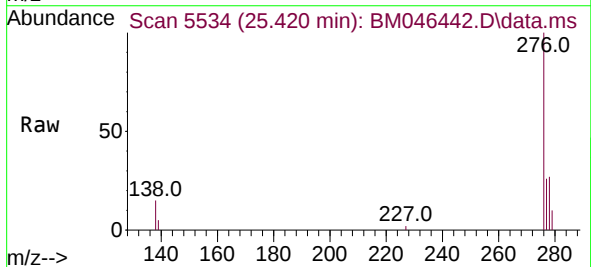
Manual Integrations
APPROVED

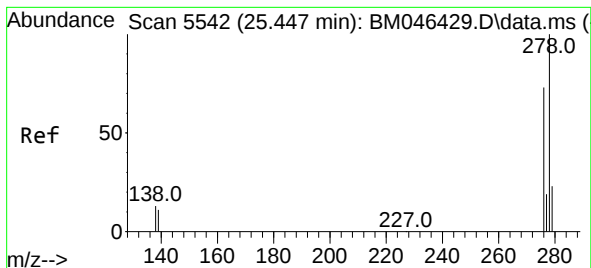
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.640 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. -0.027 min
Lab File: BM046442.D
Acq: 08 Jul 2024 18:51

Tgt Ion:276 Resp: 44255
Ion Ratio Lower Upper
276 100
138 14.8 15.7 23.5#
227 0.7 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.306 ng/ul

RT: 25.437 min Scan# 5

Delta R.T. -0.037 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

Instrument :

BNM

ClientSampleId :

A4BD0DL

Tgt Ion:278 Resp: 1635

Ion Ratio Lower Upper

278 100

139 18.2 12.6 18.8

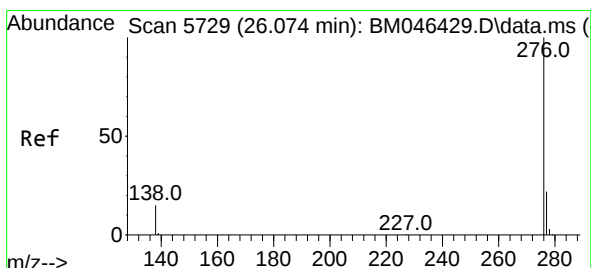
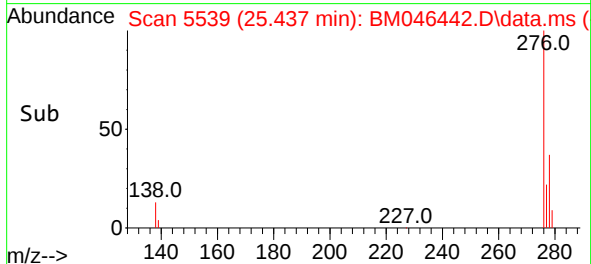
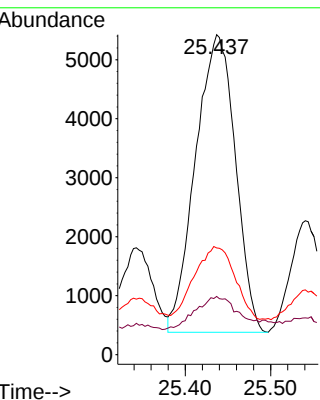
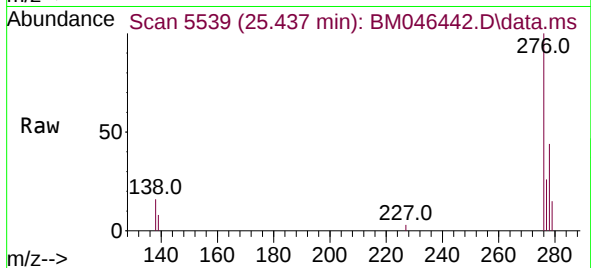
279 33.3 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#29

Benzo(g,h,i)perylene

Concen: 0.126 ng/ul

RT: 26.071 min Scan# 5728

Delta R.T. -0.020 min

Lab File: BM046442.D

Acq: 08 Jul 2024 18:51

Tgt Ion:276 Resp: 6943

Ion Ratio Lower Upper

276 100

138 23.9 15.4 23.0#

277 36.3 19.7 29.5#

