

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
 Data File : BM041800.D
 Acq On : 12 Sep 2023 04:48
 Operator : MA/JU
 Sample : 04235-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 05:55:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 04:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	7566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.795	136	16993	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.624	164	7644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	14283	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	9058	0.400	ng/ul	# 0.01
23) Perylene-d12	23.997	264	10811	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	12338	1.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.379	152	2808	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	2918	0.066	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	37602	0.674	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	188386	5.947	ng/ul	100
8) 1-Methylnaphthalene	12.671	142	185255	5.820	ng/ul	100
10) Acenaphthylene	14.342	152	10984	0.233	ng/ul#	1
11) Acenaphthene	14.698	153	13215	0.360	ng/ul#	44
15) Phenanthrene	17.417	178	340285	5.642	ng/ul	99
16) Anthracene	17.510	178	13168	0.255	ng/ul#	57
19) Fluoranthene	19.427	202	422751	3.954	ng/ul	99
20) Pyrene	19.794	202	312361	2.942	ng/ul	100
21) Benzo(a)anthracene	21.536	228	75632	1.024	ng/ul#	87
22) Chrysene	21.591	228	206071	2.586	ng/ul#	94
24) Benzo(b)fluoranthene	23.243	252	231338m	2.391	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	78225m	0.826	ng/ul	
26) Benzo(a)pyrene	23.886	252	56927	0.724	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.525	276	111467	1.034	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.538	278	29382	0.389	ng/ul#	1
29) Benzo(g,h,i)perylene	27.316	276	124712	1.305	ng/ul#	77

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

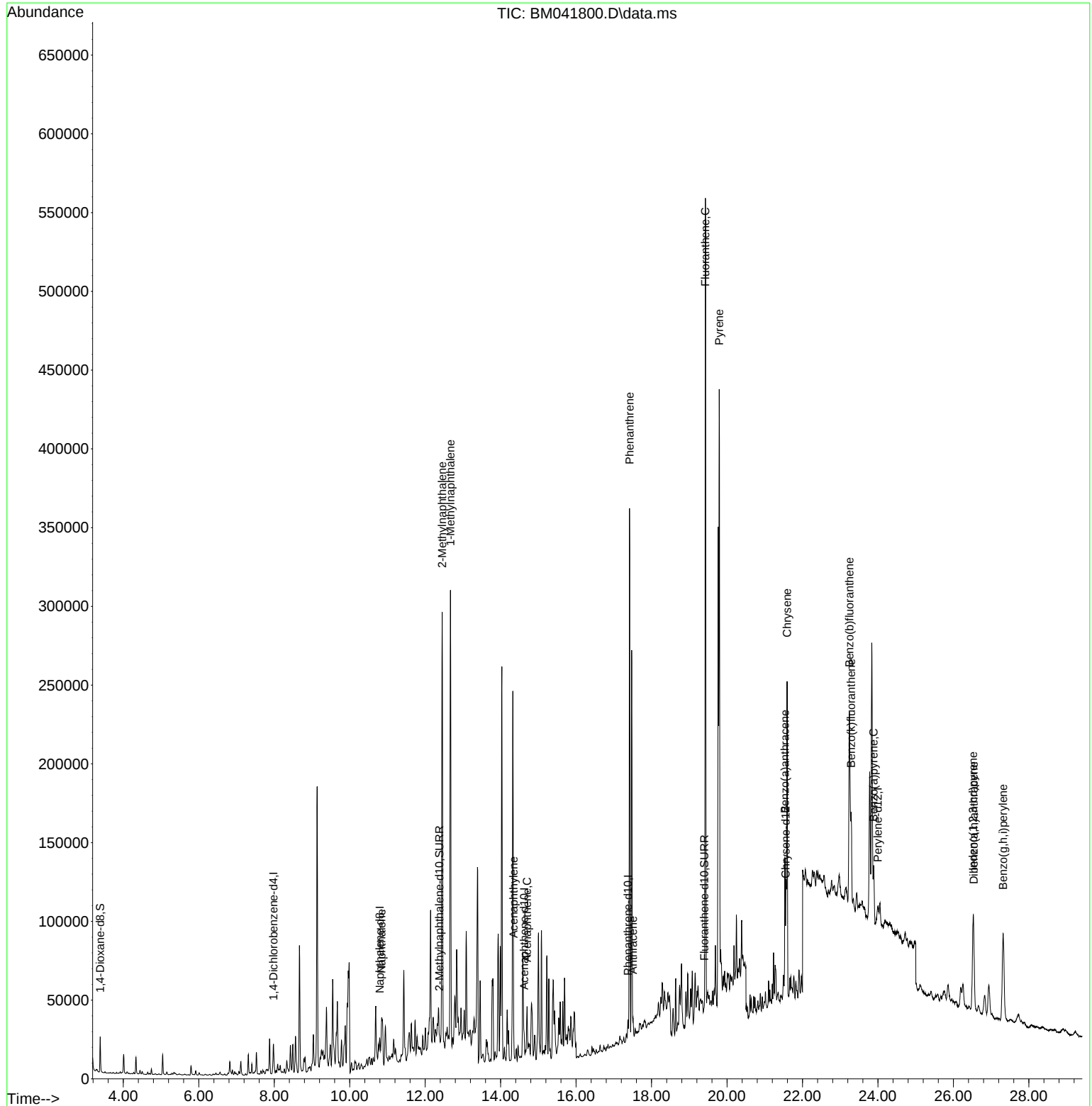
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041800.D
Acq On : 12 Sep 2023 04:48
Operator : MA/JU
Sample : 04235-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

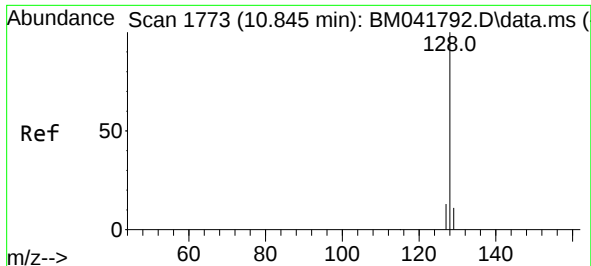
Instrument :
BNA_M
ClientSampleId :
EZYW8

Quant Time: Sep 12 05:55:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

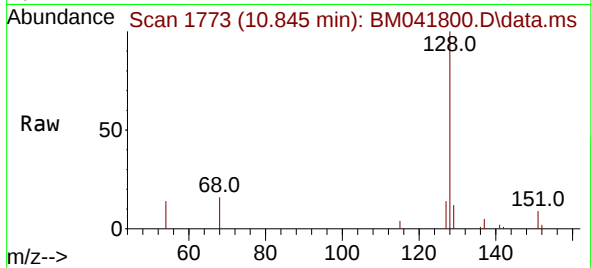
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023





#5
Naphthalene
Concen: 0.674 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

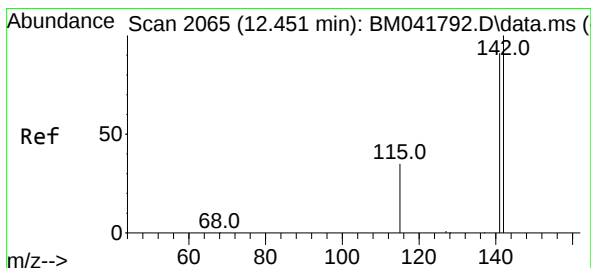
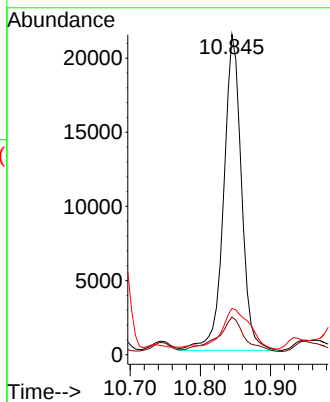
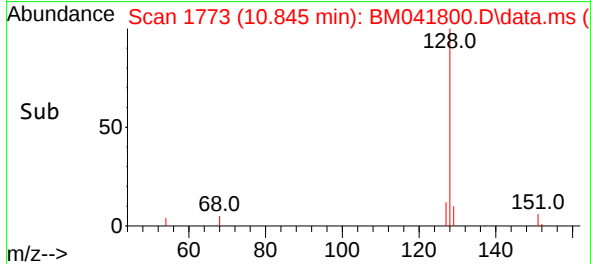
Instrument :
BNA_M
ClientSampleId :
EZYW8



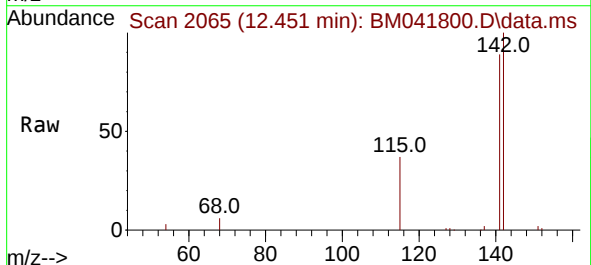
Tgt Ion:128 Resp: 37602
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.5 11.0 16.6

Manual Integrations
APPROVED

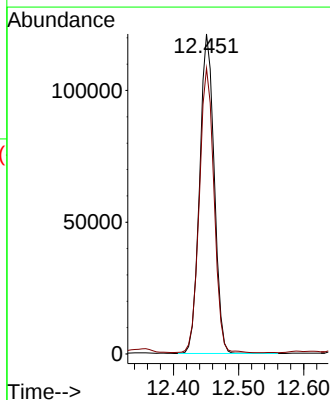
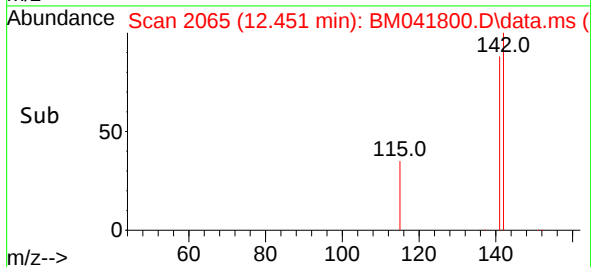
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

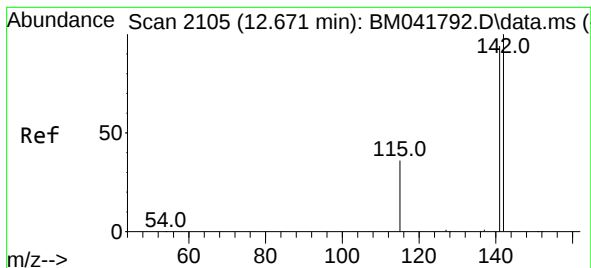


#7
2-Methylnaphthalene
Concen: 5.947 ng/ul
RT: 12.451 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48



Tgt Ion:142 Resp: 188386
Ion Ratio Lower Upper
142 100
141 90.0 72.2 108.2





#8

1-Methylnaphthalene

Concen: 5.820 ng/ul

RT: 12.671 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNA_M

ClientSampleId :

EZYW8

Tgt Ion:142 Resp: 18525

Ion Ratio Lower Upper

142 100

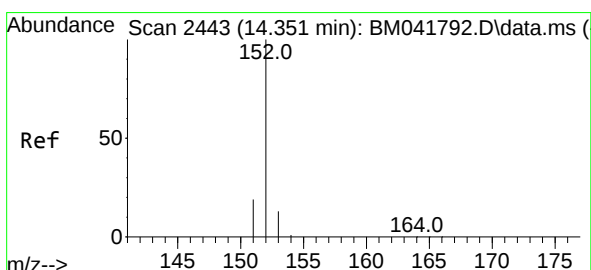
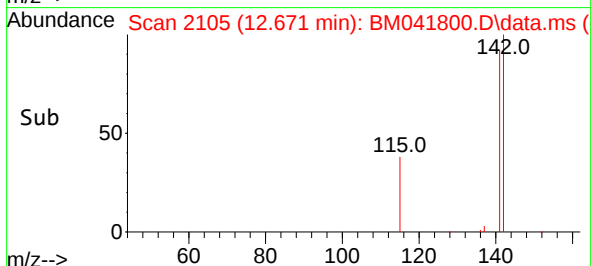
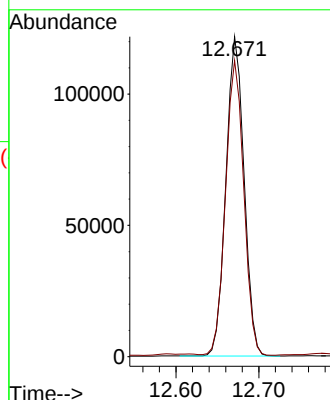
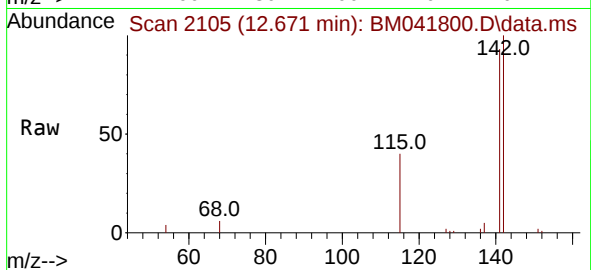
141 92.7 74.4 111.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#10

Acenaphthylene

Concen: 0.233 ng/ul

RT: 14.342 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

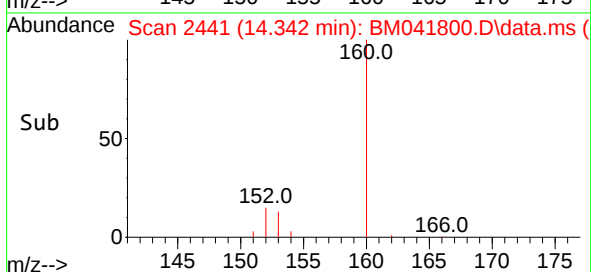
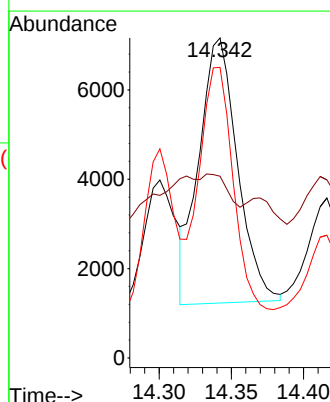
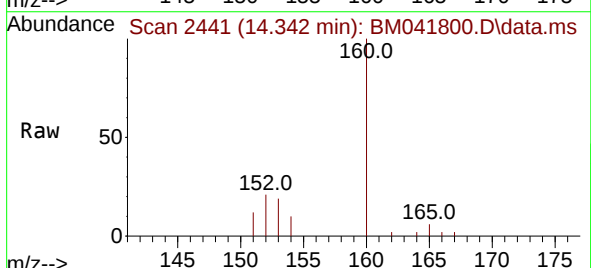
Tgt Ion:152 Resp: 10984

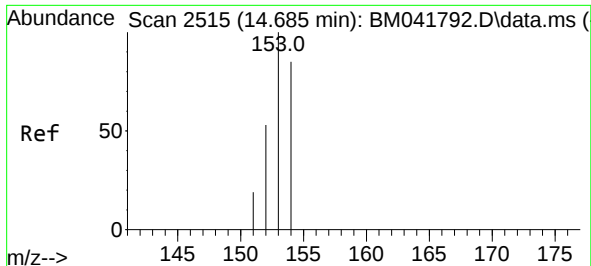
Ion Ratio Lower Upper

152 100

151 56.8 16.4 24.6#

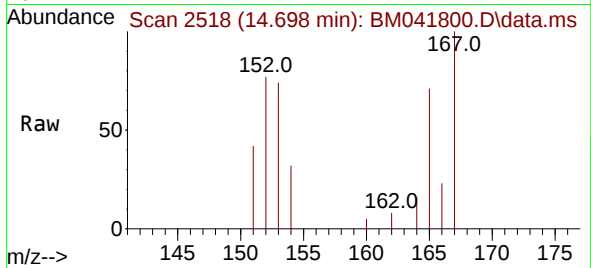
153 90.8 11.1 16.7#





#11
Acenaphthene
Concen: 0.360 ng/u1
RT: 14.698 min Scan# 2515
Delta R.T. 0.014 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

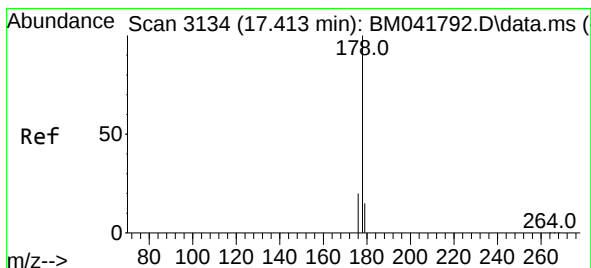
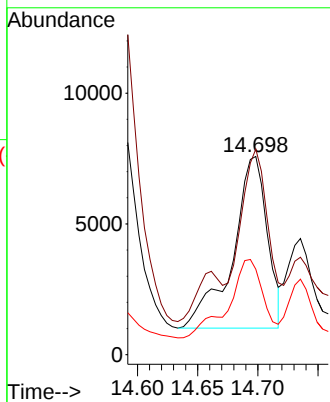
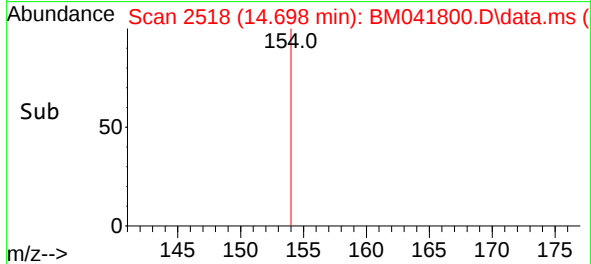
Instrument :
BNA_M
ClientSampleId :
EZYW8



Tgt Ion:153 Resp: 13215
Ion Ratio Lower Upper
153 100
152 103.7 43.4 65.2
154 43.1 69.4 104.0

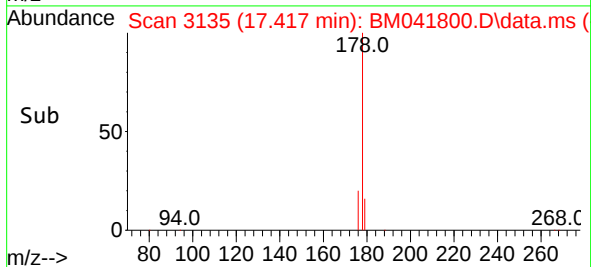
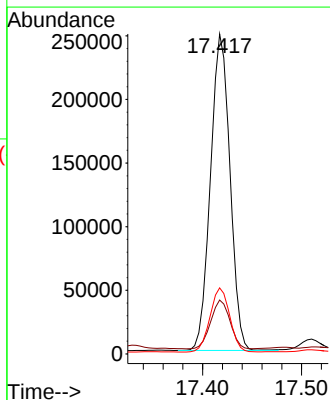
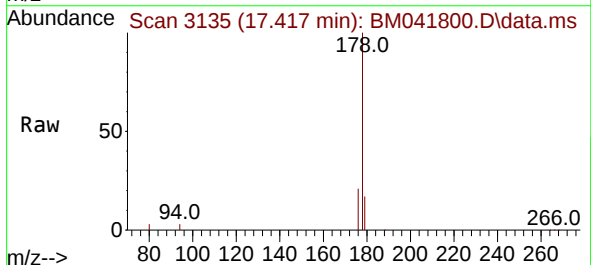
Manual Integrations
APPROVED

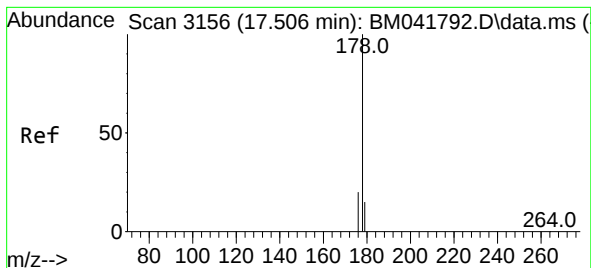
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#15
Phenanthrene
Concen: 5.642 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Tgt Ion:178 Resp: 340285
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 20.7 16.9 25.3





#16

Anthracene

Concen: 0.255 ng/ul

RT: 17.510 min Scan# 3156

Delta R.T. 0.004 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNA_M

ClientSampleId :

EZYW8

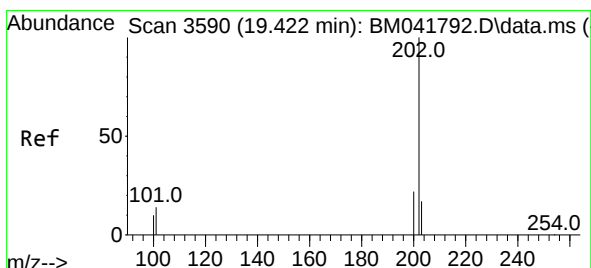
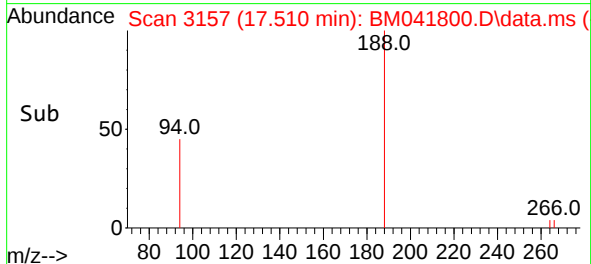
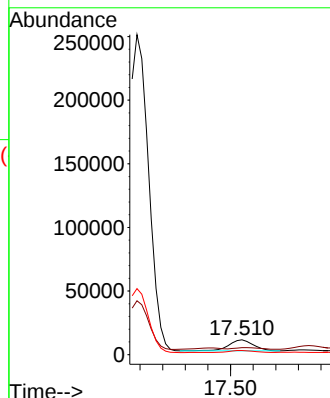
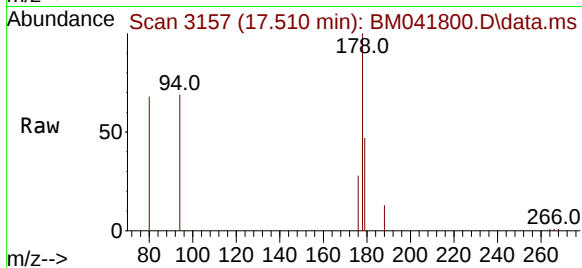
Tgt Ion:178	Resp:	13168
Ion Ratio	Lower	Upper
178	100	
179	47.1	12.9 19.3
176	28.4	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#19

Fluoranthene

Concen: 3.954 ng/ul

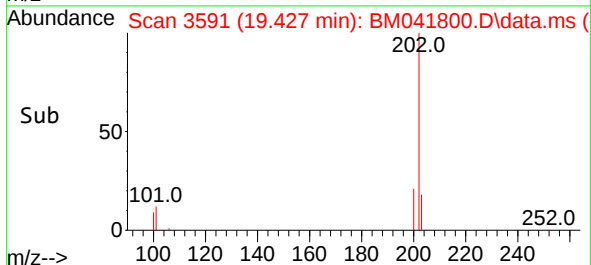
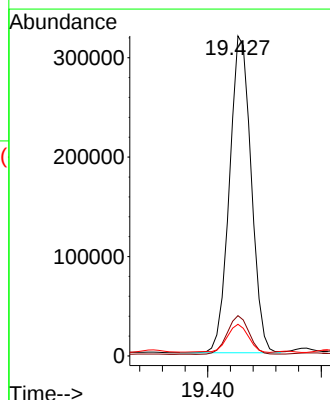
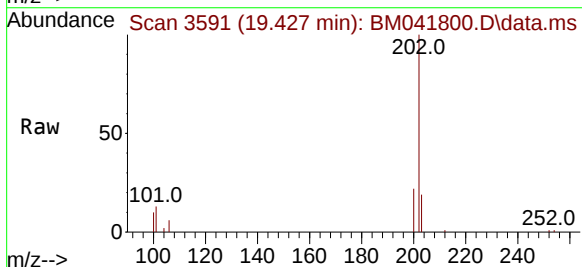
RT: 19.427 min Scan# 3591

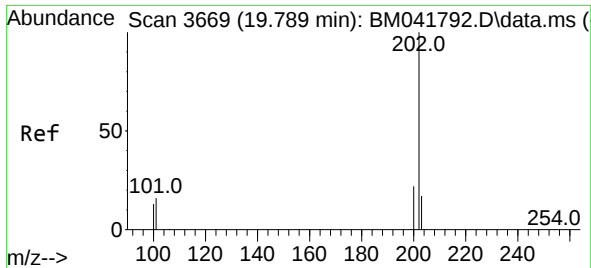
Delta R.T. 0.005 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

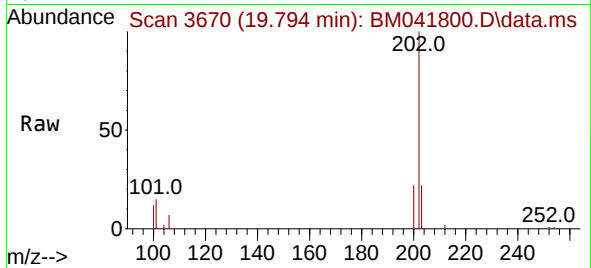
Tgt Ion:202	Resp:	422751
Ion Ratio	Lower	Upper
202	100	
101	12.6	10.5 15.7
100	9.9	8.4 12.6





#20
Pyrene
Concen: 2.942 ng/u1
RT: 19.794 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

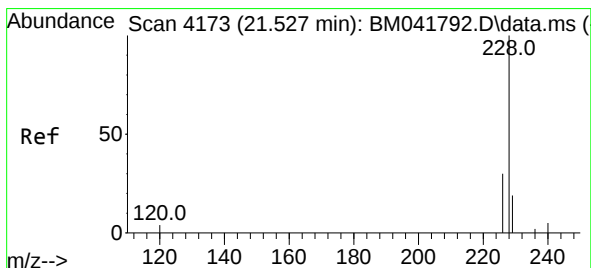
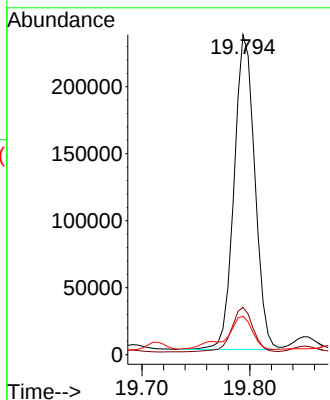
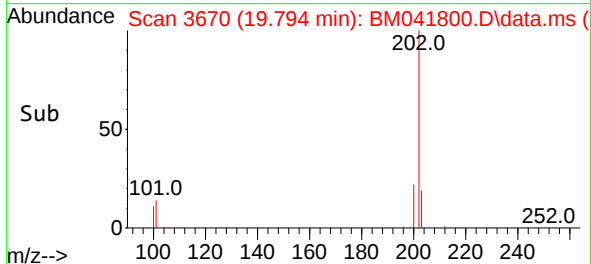
Instrument :
BNA_M
ClientSampleId :
EZYW8



Tgt Ion:202 Resp: 31236
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.8
100 12.0 9.8 14.6

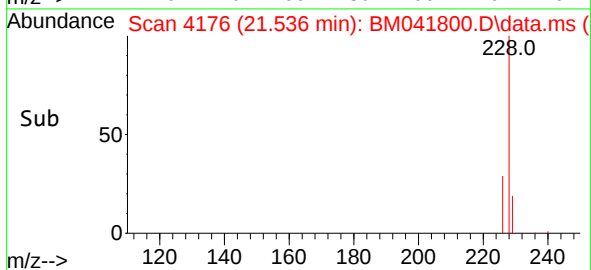
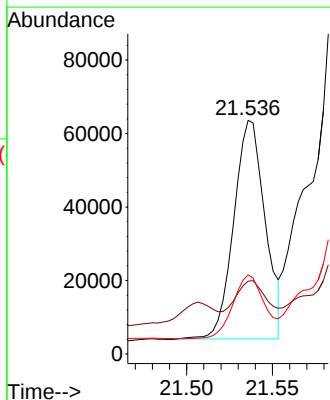
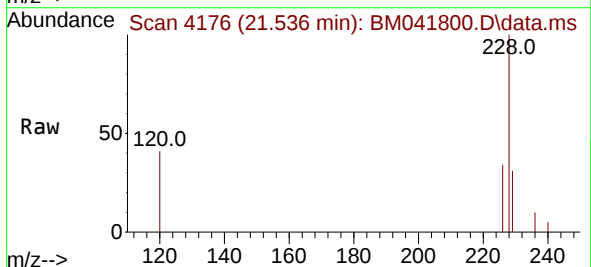
Manual Integrations
APPROVED

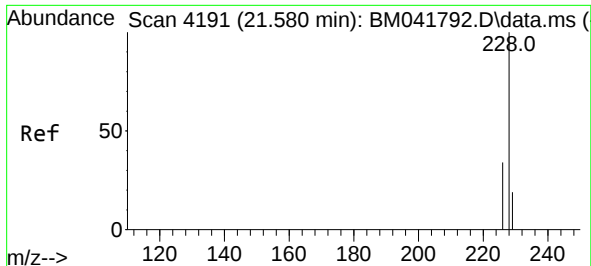
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#21
Benzo(a)anthracene
Concen: 1.024 ng/u1
RT: 21.536 min Scan# 4176
Delta R.T. 0.009 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

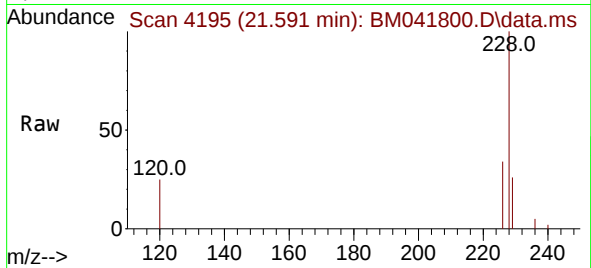
Tgt Ion:228 Resp: 75632
Ion Ratio Lower Upper
228 100
229 31.2 15.8 23.6#
226 33.9 24.8 37.2





#22
Chrysene
Concen: 2.586 ng/ul
RT: 21.591 min Scan# 4191
Delta R.T. 0.012 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

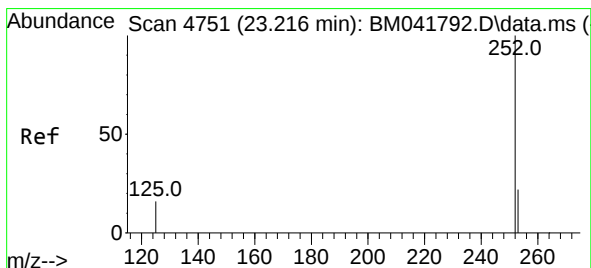
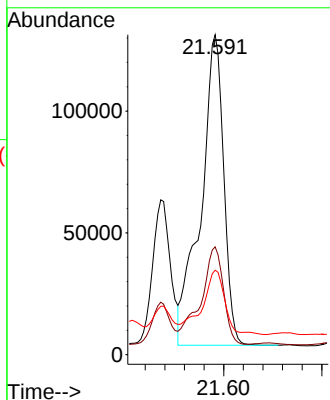
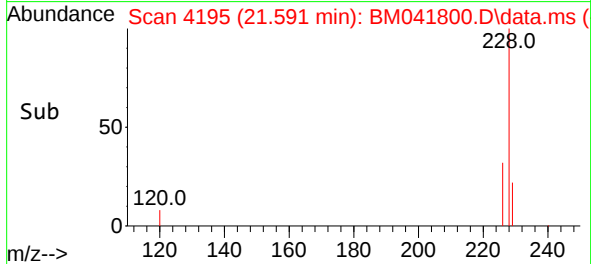
Instrument :
BNA_M
ClientSampleId :
EZYW8



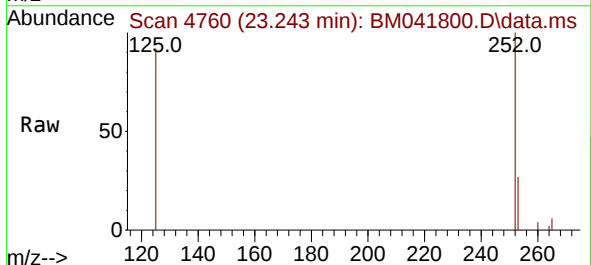
Tgt Ion:228 Resp: 20607
Ion Ratio Lower Upper
228 100
226 33.7 27.0 40.6
229 26.4 15.4 23.2

Manual Integrations
APPROVED

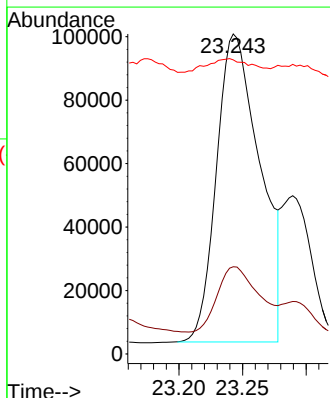
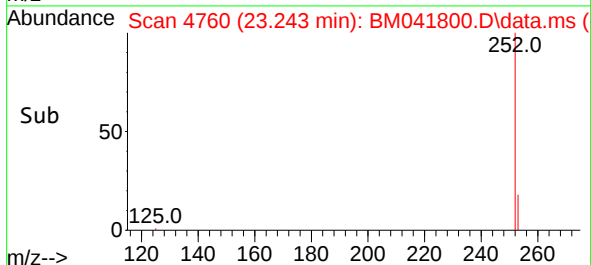
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

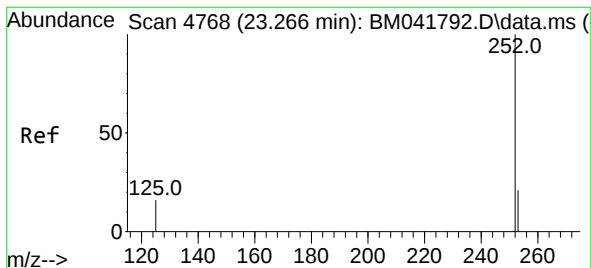


#24
Benzo(b)fluoranthene
Concen: 2.391 ng/ul m
RT: 23.243 min Scan# 4760
Delta R.T. 0.026 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48



Tgt Ion:252 Resp: 231338
Ion Ratio Lower Upper
252 100
253 27.3 0.0 52.4
125 91.9 0.0 42.8





#25

Benzo(k)fluoranthene

Concen: 0.826 ng/ul m

RT: 23.289 min Scan# 4768

Delta R.T. 0.023 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNM

ClientSampleId :

EZYW8

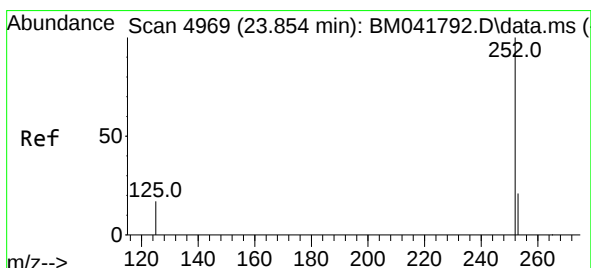
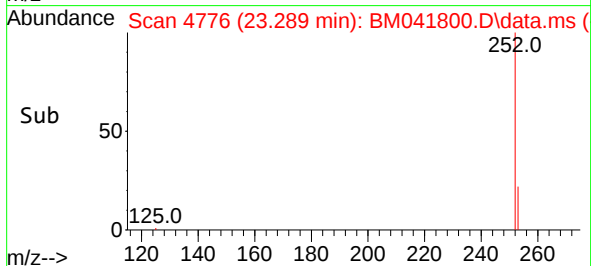
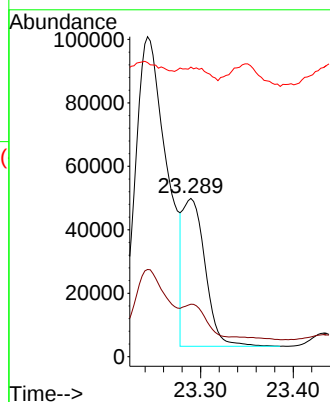
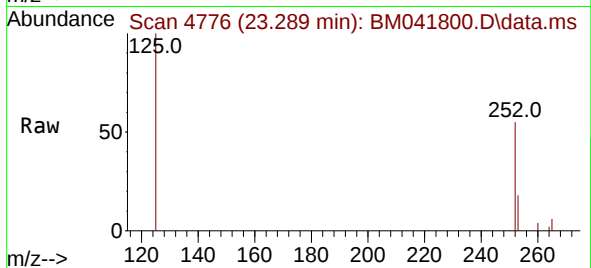
Tgt Ion:252 Resp: 78225
 Ion Ratio Lower Upper
 252 100
 253 33.1 21.3 31.9#
 125 183.0 17.4 26.0#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#26

Benzo(a)pyrene

Concen: 0.724 ng/ul

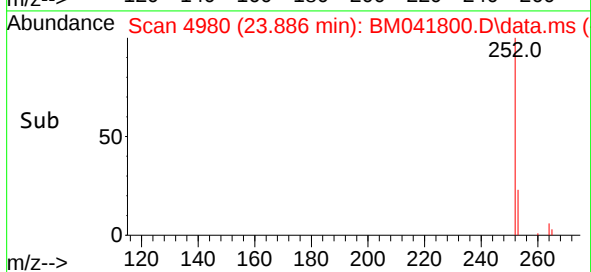
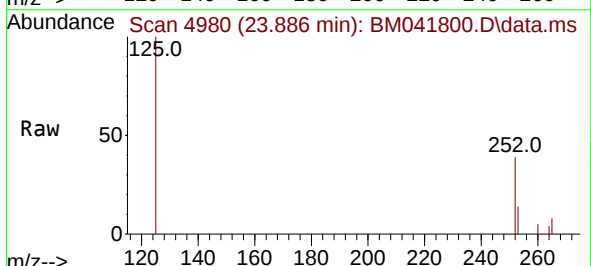
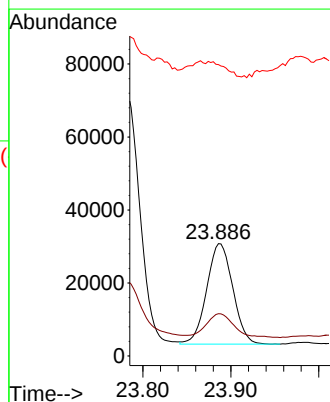
RT: 23.886 min Scan# 4980

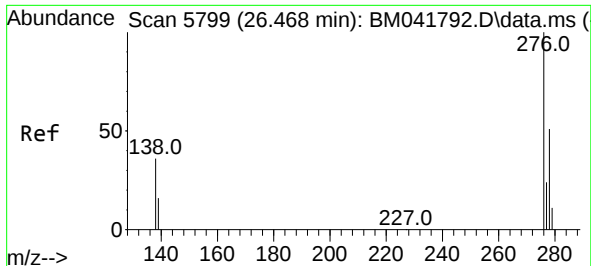
Delta R.T. 0.032 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Tgt Ion:252 Resp: 56927
 Ion Ratio Lower Upper
 252 100
 253 37.6 22.4 33.6#
 125 259.4 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.034 ng/ul

RT: 26.525 min Scan# 5816

Delta R.T. 0.057 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

Instrument :

BNA_M

ClientSampleId :

EZYW8

Tgt Ion:276 Resp: 11146

Ion Ratio Lower Upper

276 100

138 24.2 26.4 39.6

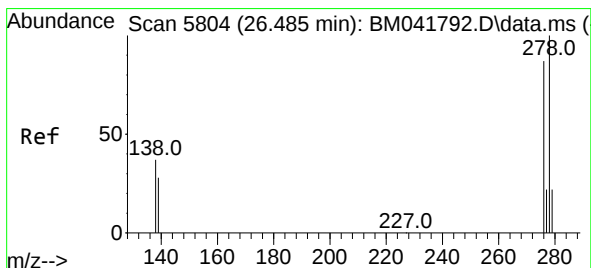
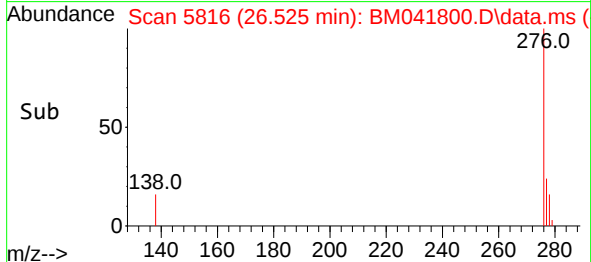
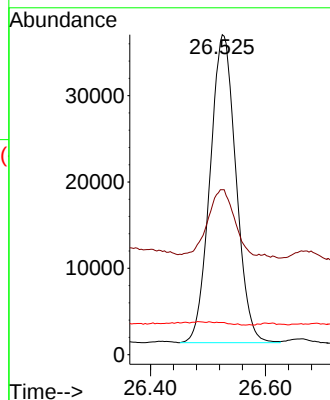
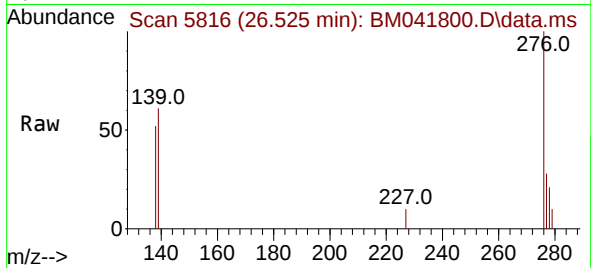
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.389 ng/ul

RT: 26.538 min Scan# 5820

Delta R.T. 0.054 min

Lab File: BM041800.D

Acq: 12 Sep 2023 04:48

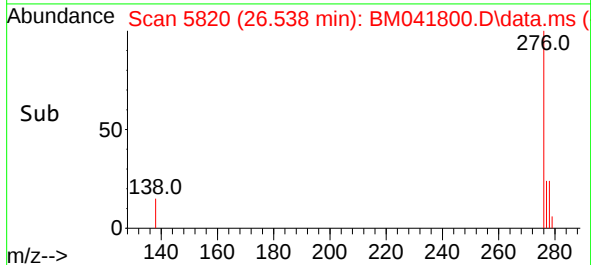
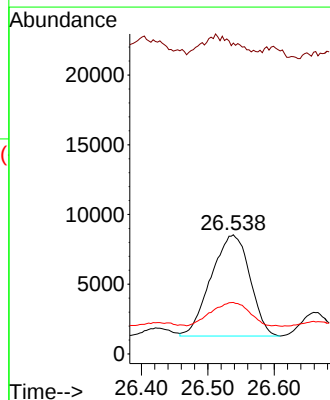
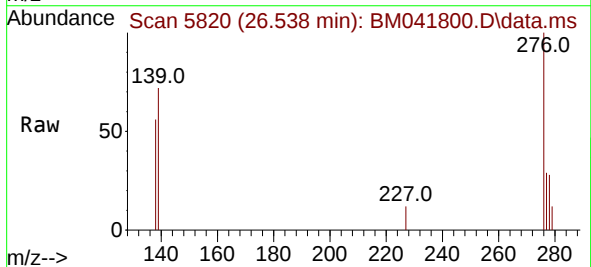
Tgt Ion:278 Resp: 29382

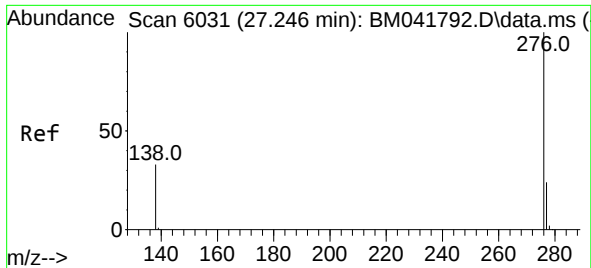
Ion Ratio Lower Upper

278 100

139 260.9 23.0 34.6#

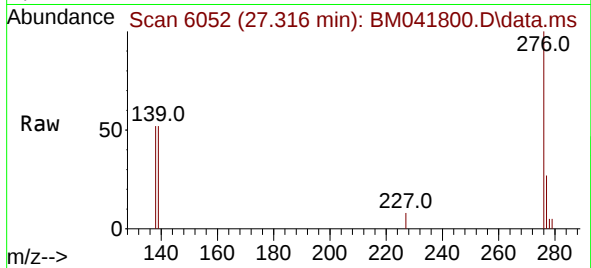
279 43.3 22.9 34.3#





#29
Benzo(g,h,i)perylene
Concen: 1.305 ng/ul
RT: 27.316 min Scan# 6031
Delta R.T. 0.070 min
Lab File: BM041800.D
Acq: 12 Sep 2023 04:48

Instrument :
BNA_M
ClientSampleId :
EZYW8



Tgt Ion:276 Resp: 124712
Ion Ratio Lower Upper
276 100
138 52.2 25.0 37.4
277 27.2 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

