

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036931.D
 Acq On : 11 Oct 2022 05:36
 Operator : CG/JU
 Sample : N4991-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBL4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 06:09:46 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	6909	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	24069	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.576	164	13191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	27254	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	22419	0.400	ng/ul	0.00
23) Perylene-d12	23.875	264	18836	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	34596	3.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	9461	0.260	ng/ul	-0.01
18) Fluoranthene-d10	19.332	212	19895	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	30896	0.449	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	7571	0.180	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	3799	0.089	ng/ul	99
10) Acenaphthylene	14.298	152	6774	0.124	ng/ul	97
12) Fluorene	15.621	166	1310	0.024	ng/ul#	95
15) Phenanthrene	17.356	178	45746	0.526	ng/ul	99
16) Anthracene	17.445	178	4666	0.064	ng/ul#	93
19) Fluoranthene	19.364	202	77276	0.867	ng/ul	98
20) Pyrene	19.727	202	60080m	0.646	ng/ul	
21) Benzo(a)anthracene	21.467	228	19158	0.237	ng/ul	98
22) Chrysene	21.516	228	28843	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.147	252	37779	0.449	ng/ul	95
25) Benzo(k)fluoranthene	23.191	252	13760m	0.168	ng/ul	
26) Benzo(a)pyrene	23.770	252	19705	0.289	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.355	276	15865	0.164	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.362	278	3425	0.044	ng/ul#	62
29) Benzo(g,h,i)perylene	27.123	276	14060	0.165	ng/ul	98

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

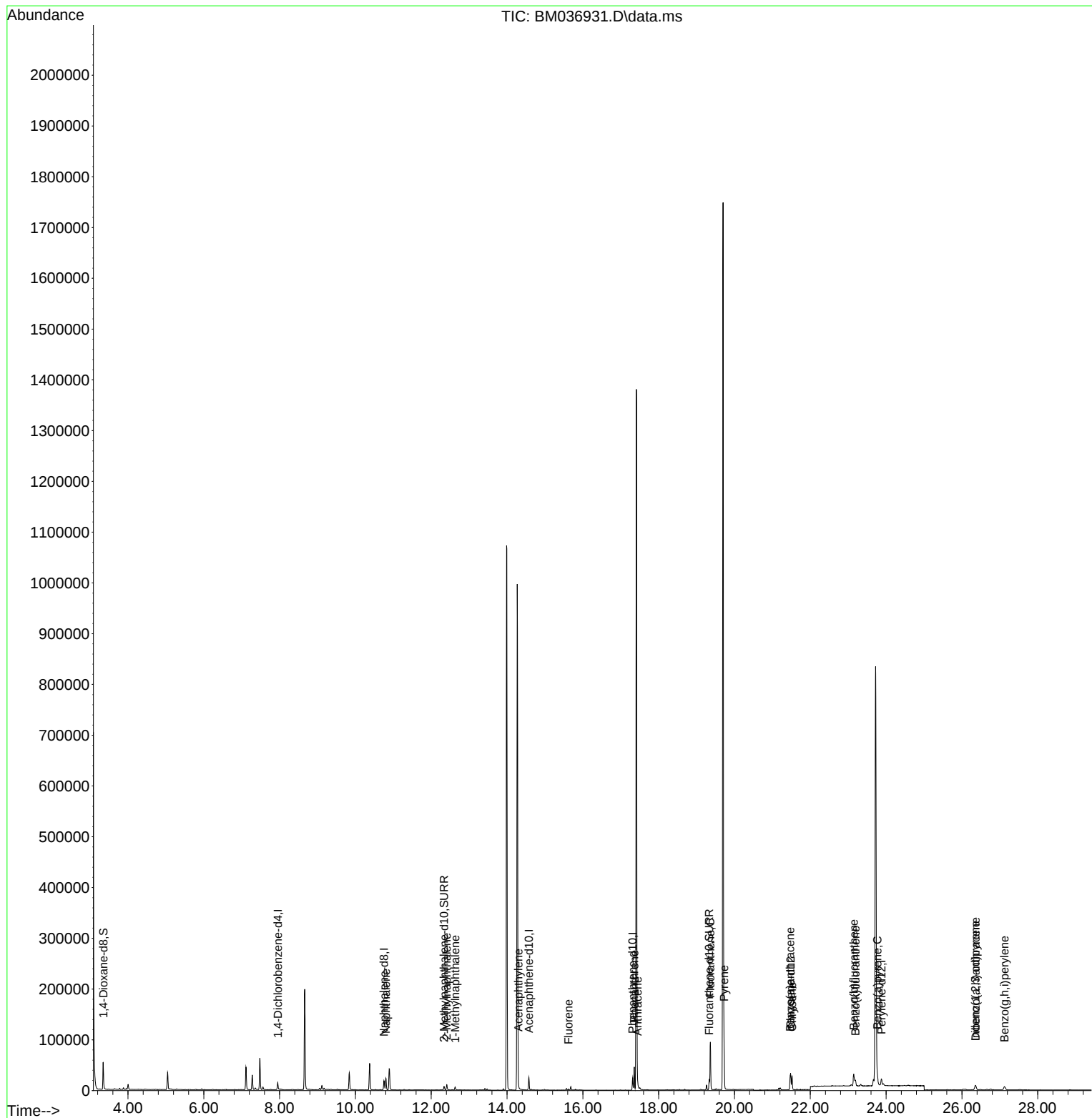
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036931.D
Acq On : 11 Oct 2022 05:36
Operator : CG/JU
Sample : N4991-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

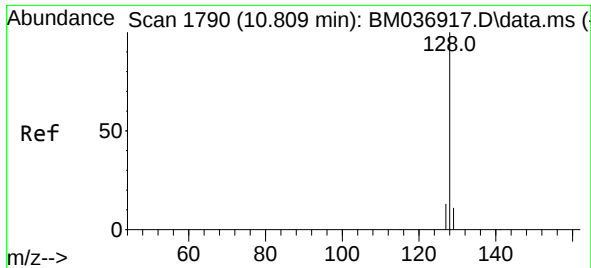
Instrument :
BNA_M
ClientSampleId :
C0BL4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

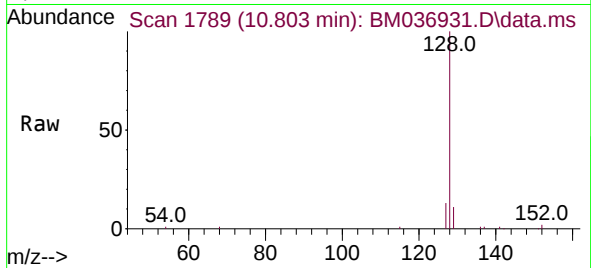
Quant Time: Oct 11 06:09:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. -0.011 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

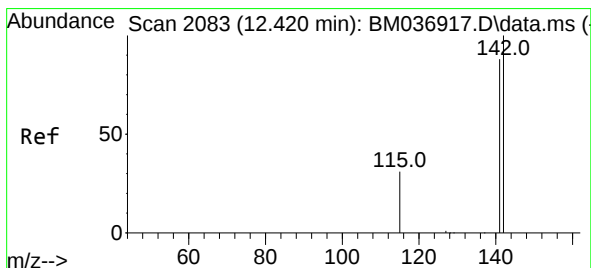
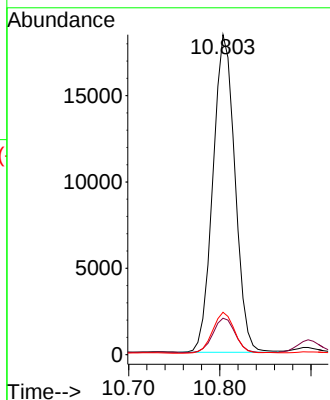
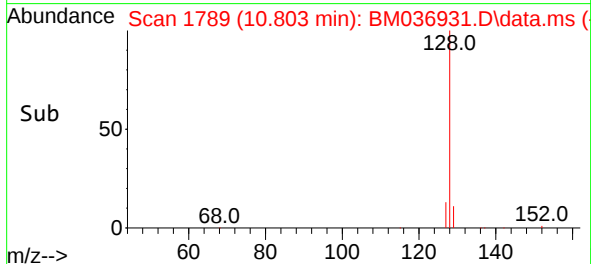
Instrument :
BNA_M
ClientSampleId :
C0BL4



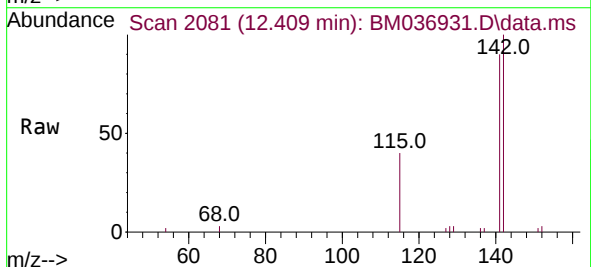
Tgt Ion:128 Resp: 30896
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.2 11.7 17.5

Manual Integrations
APPROVED

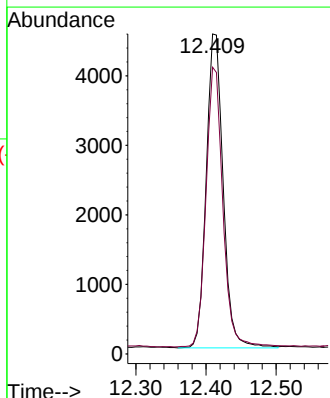
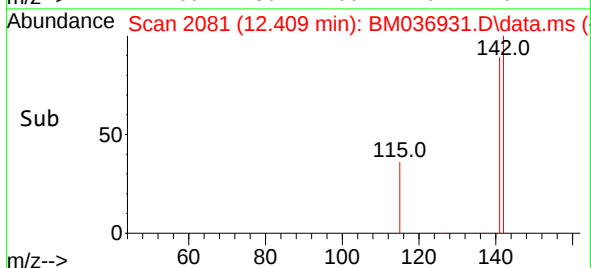
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

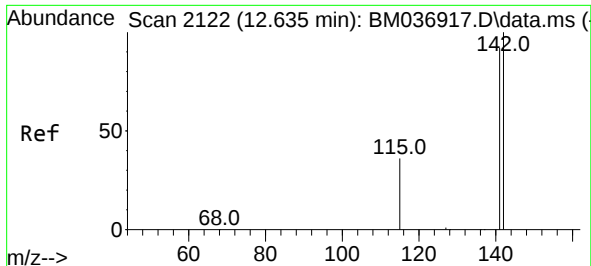


#7
2-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.011 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36



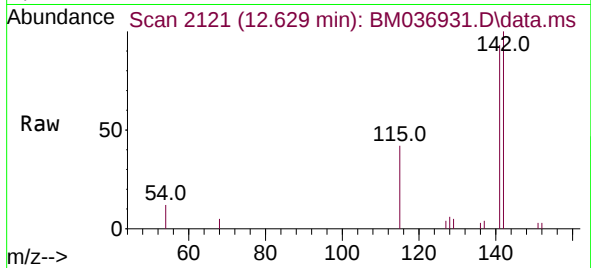
Tgt Ion:142 Resp: 7571
Ion Ratio Lower Upper
142 100
141 88.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

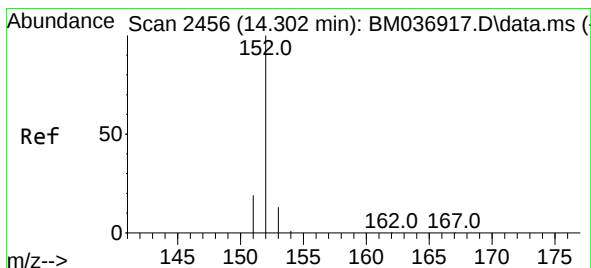
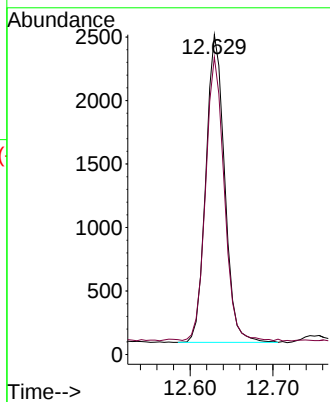
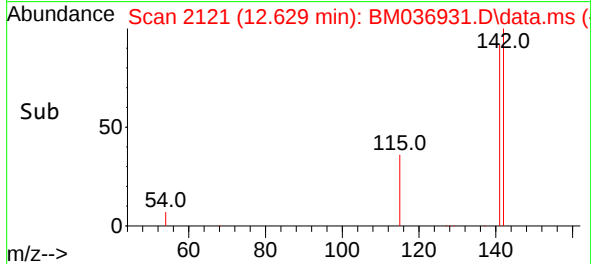
Instrument :
BNA_M
ClientSampleId :
C0BL4



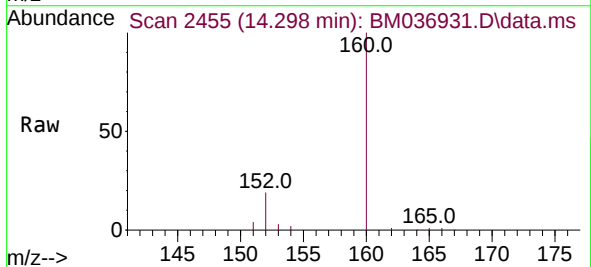
Tgt Ion:142 Resp: 3799
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

Manual Integrations
APPROVED

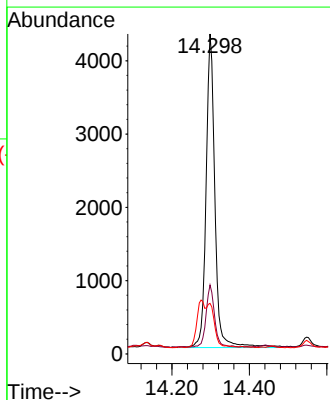
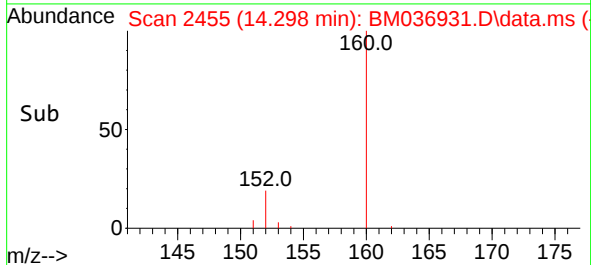
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

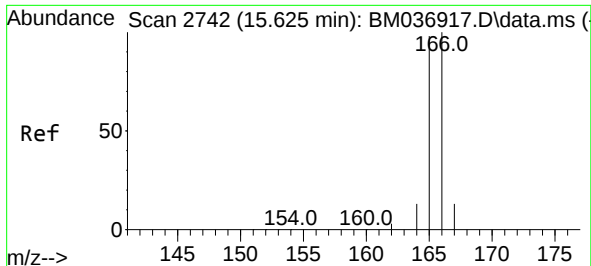


#10
Acenaphthylene
Concen: 0.124 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36



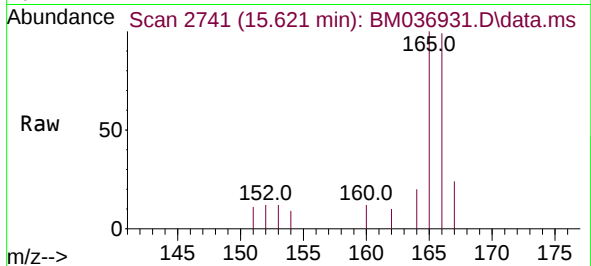
Tgt Ion:152 Resp: 6774
Ion Ratio Lower Upper
152 100
151 21.5 16.6 24.8
153 15.8 11.4 17.0





#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

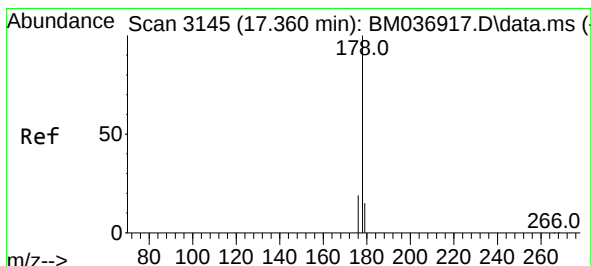
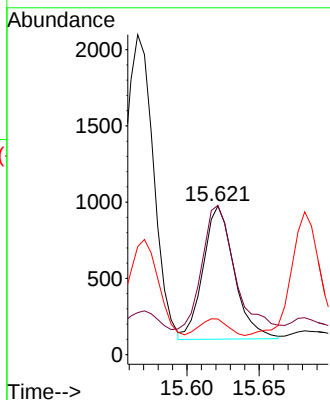
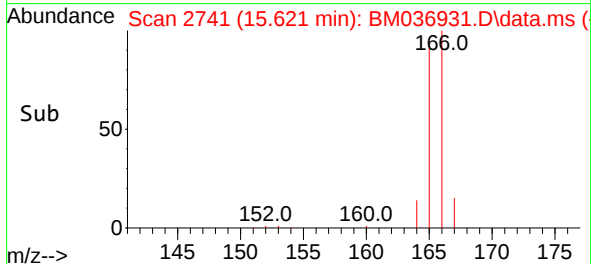
Instrument :
BNA_M
ClientSampleId :
COBL4



Tgt Ion:166 Resp: 1310
Ion Ratio Lower Upper
166 100
165 100.5 78.9 118.3
167 23.9 11.3 16.9

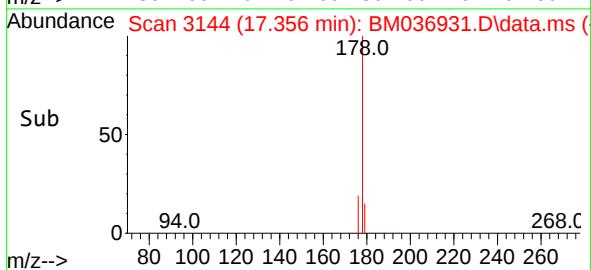
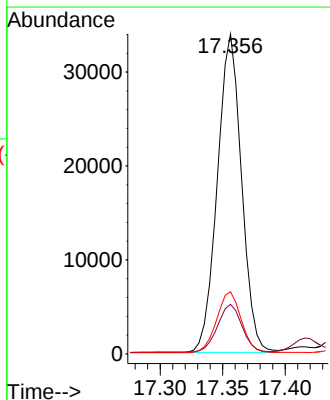
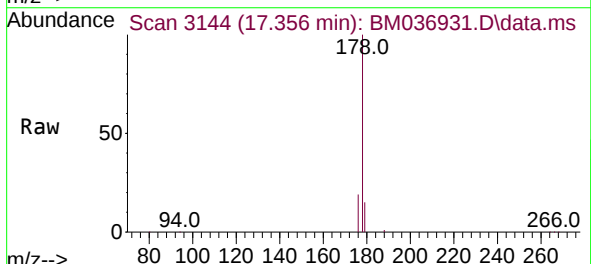
Manual Integrations
APPROVED

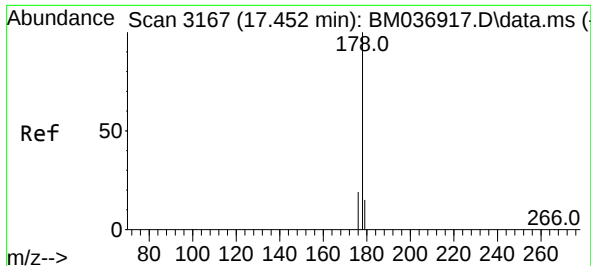
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#15
Phenanthrene
Concen: 0.526 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

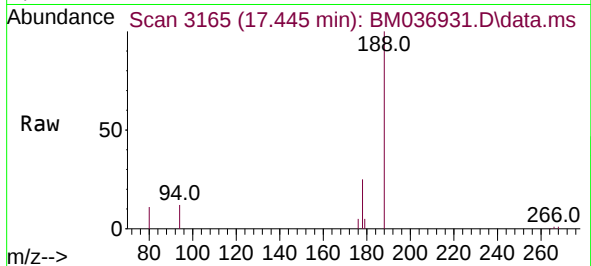
Tgt Ion:178 Resp: 45746
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 0.064 ng/ul
 RT: 17.445 min Scan# 3165
 Delta R.T. -0.008 min
 Lab File: BM036931.D
 Acq: 11 Oct 2022 05:36

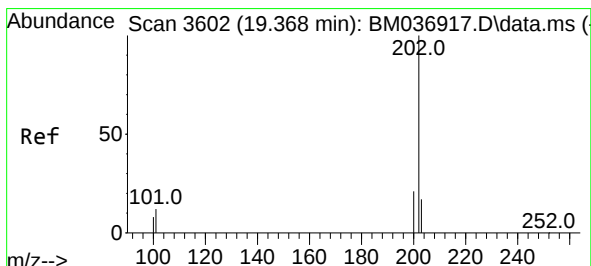
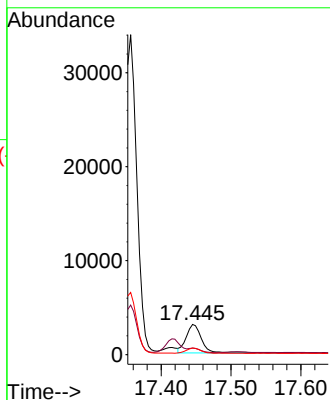
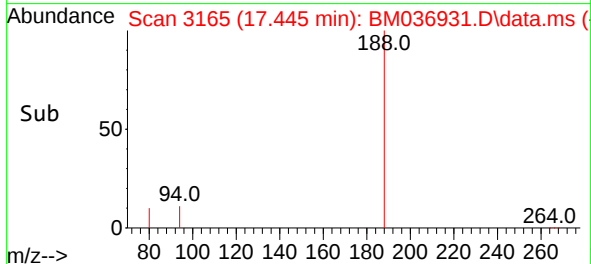
Instrument :
 BNA_M
 ClientSampleId :
 C0BL4



Tgt Ion:178 Resp: 4660
 Ion Ratio Lower Upper
 178 100
 179 21.3 13.6 20.4
 176 21.9 15.6 23.4

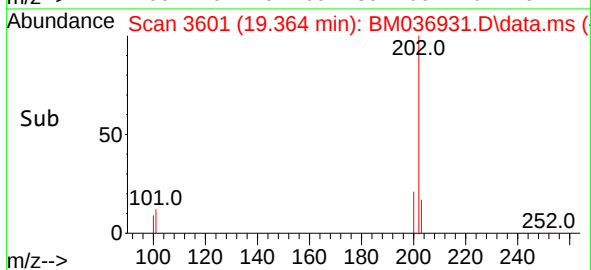
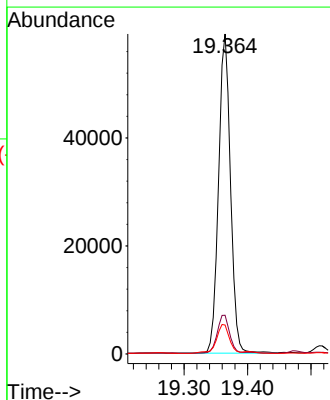
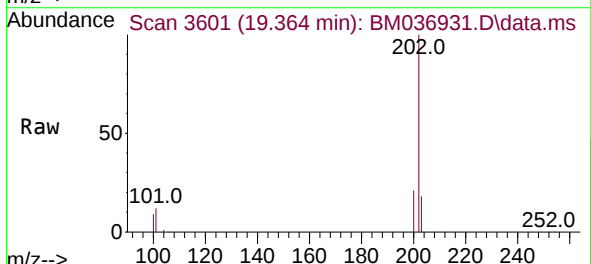
Manual Integrations
 APPROVED

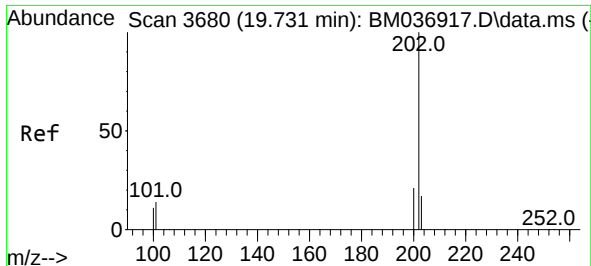
Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022



#19
 Fluoranthene
 Concen: 0.867 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. -0.009 min
 Lab File: BM036931.D
 Acq: 11 Oct 2022 05:36

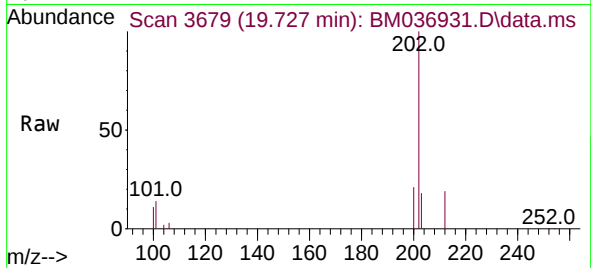
Tgt Ion:202 Resp: 77276
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.1 15.1
 100 9.0 7.9 11.9





#20
Pyrene
Concen: 0.646 ng/ul m
RT: 19.727 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

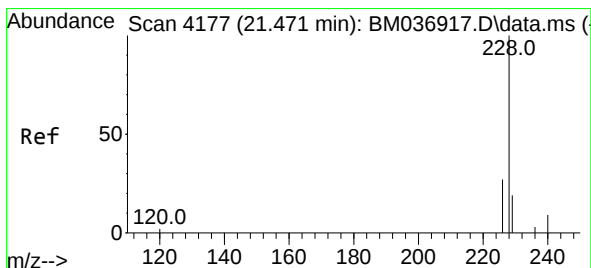
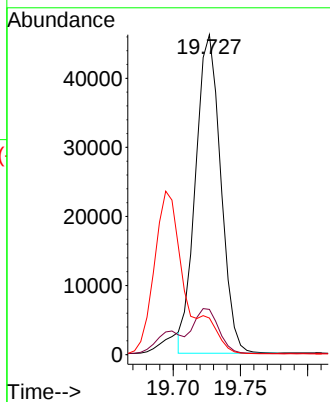
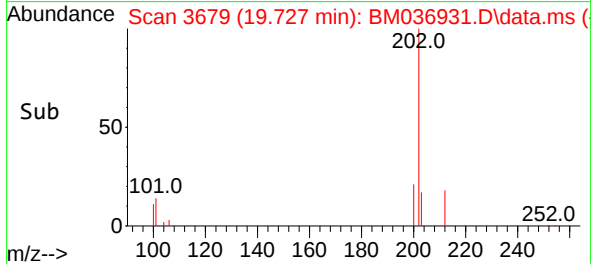
Instrument :
BNA_M
ClientSampleId :
C0BL4



Tgt Ion:202 Resp: 60080
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.4 9.8 14.6

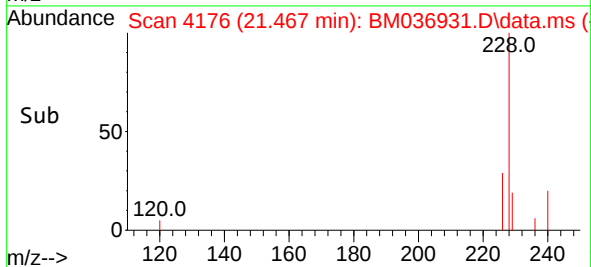
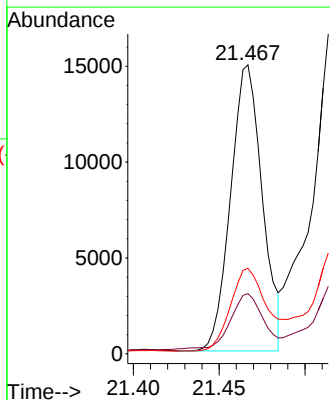
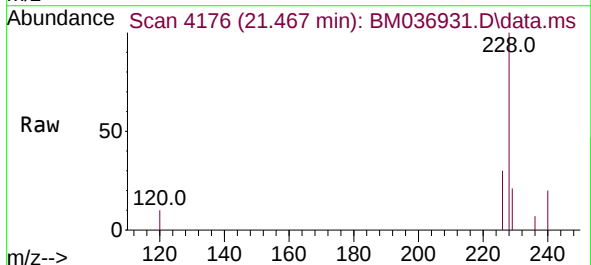
Manual Integrations
APPROVED

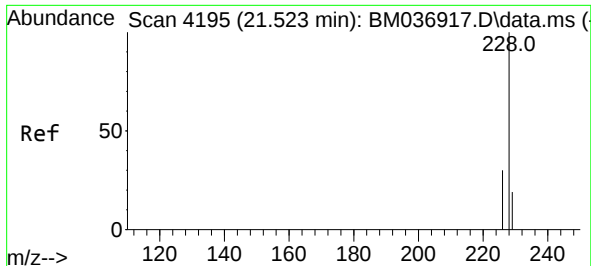
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#21
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

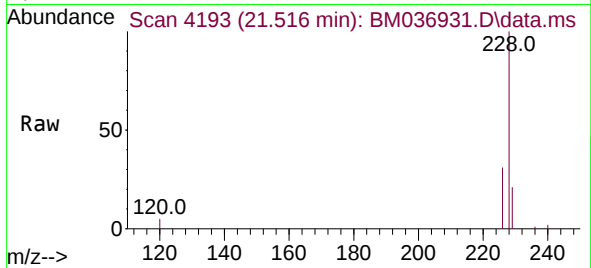
Tgt Ion:228 Resp: 19158
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 29.6 22.5 33.7





#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.516 min Scan# 4193
Delta R.T. -0.009 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

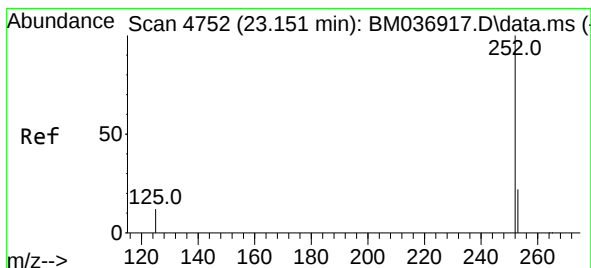
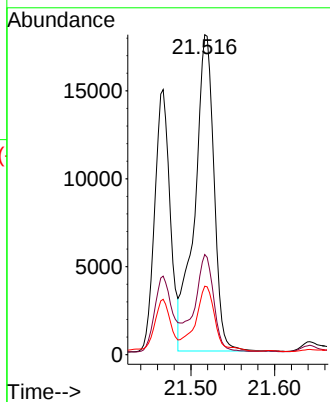
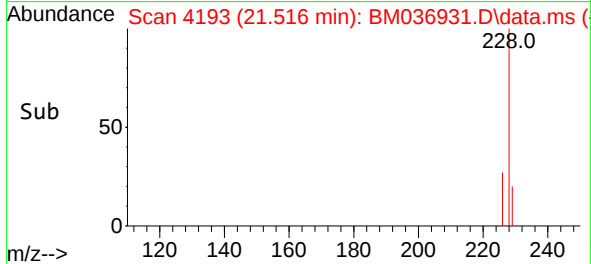
Instrument :
BNA_M
ClientSampleId :
C0BL4



Tgt Ion:228 Resp: 28843
Ion Ratio Lower Upper
228 100
226 31.3 24.6 37.0
229 21.4 16.4 24.6

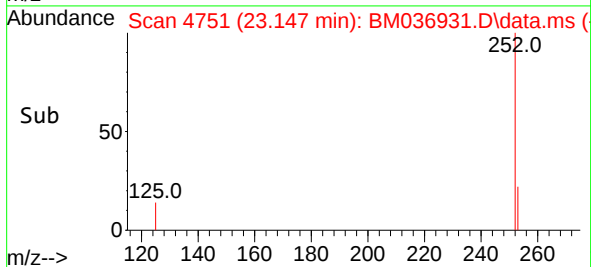
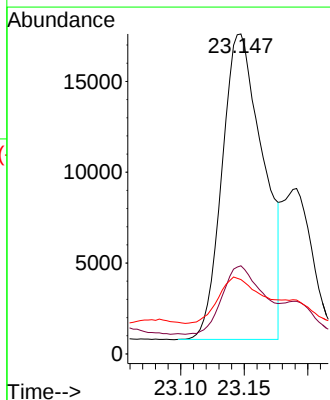
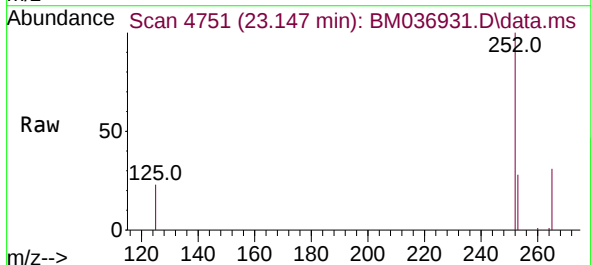
Manual Integrations
APPROVED

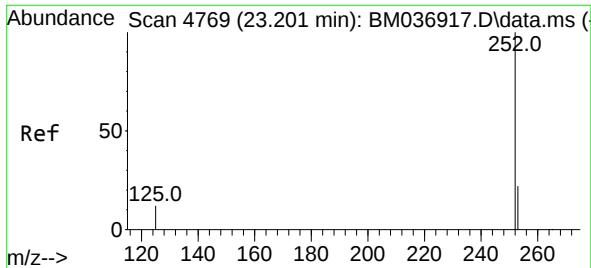
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

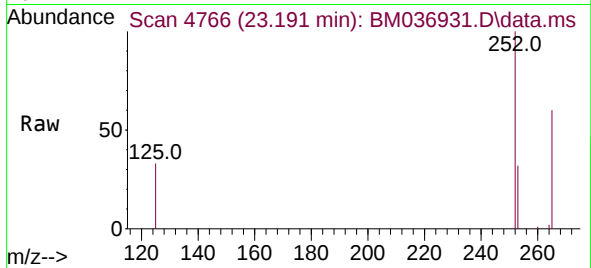
Tgt Ion:252 Resp: 37779
Ion Ratio Lower Upper
252 100
253 27.5 0.0 61.4
125 23.2 0.0 42.6





#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.191 min Scan# 4769
Delta R.T. -0.012 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36

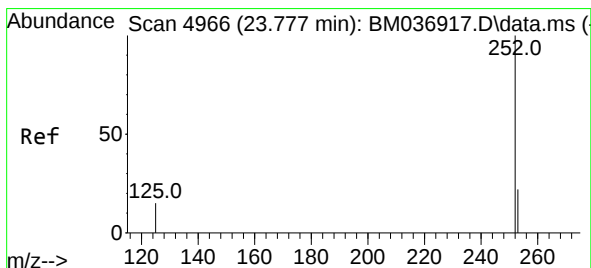
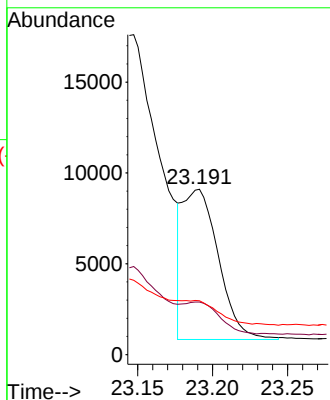
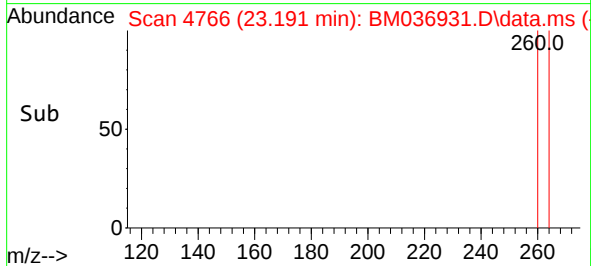
Instrument :
BNA_M
ClientSampleId :
C0BL4



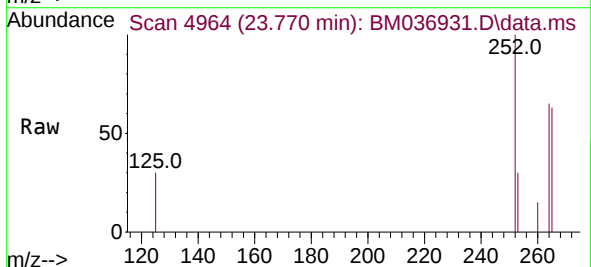
Tgt Ion:252 Resp: 13760
Ion Ratio Lower Upper
252 100
253 31.8 25.2 37.8
125 32.6 18.3 27.5

Manual Integrations
APPROVED

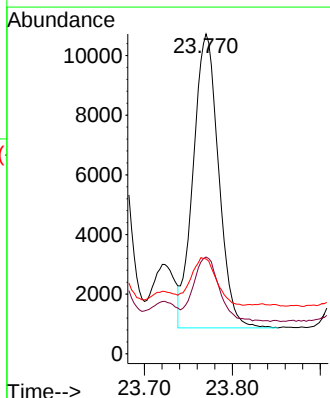
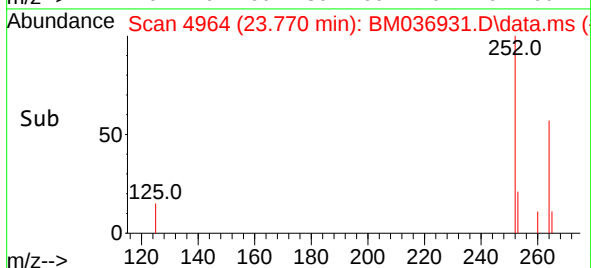
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

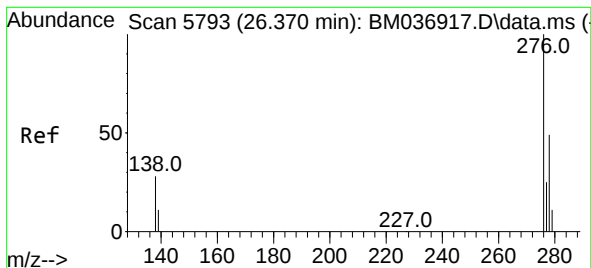


#26
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.012 min
Lab File: BM036931.D
Acq: 11 Oct 2022 05:36



Tgt Ion:252 Resp: 19705
Ion Ratio Lower Upper
252 100
253 30.3 29.7 44.5
125 29.7 23.6 35.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.164 ng/ul

RT: 26.355 min Scan# 5789

Delta R.T. -0.027 min

Lab File: BM036931.D

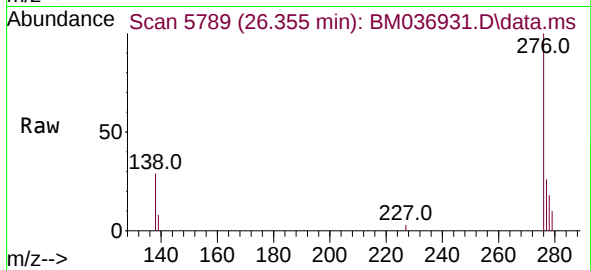
Acq: 11 Oct 2022 05:36

Instrument :

BNA_M

ClientSampleId :

C0BL4



Tgt Ion:276 Resp: 1586

Ion Ratio Lower Upper

276 100

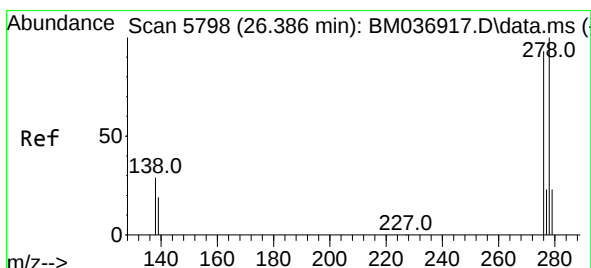
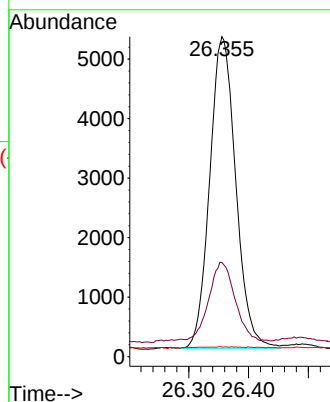
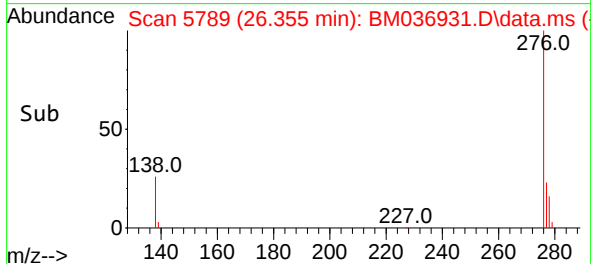
138 25.3 23.9 35.9

227 0.3 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.044 ng/ul

RT: 26.362 min Scan# 5791

Delta R.T. -0.037 min

Lab File: BM036931.D

Acq: 11 Oct 2022 05:36

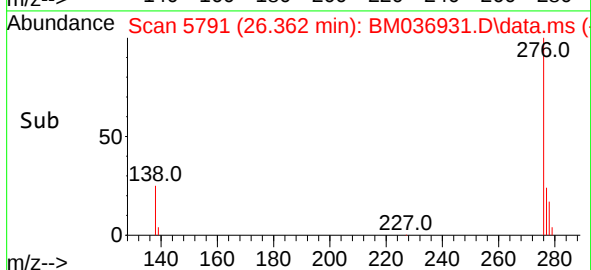
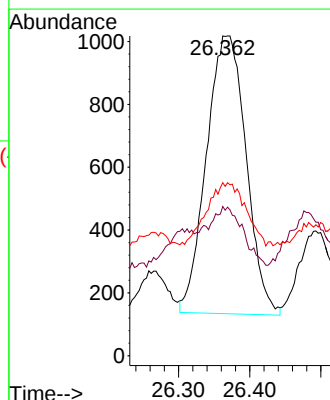
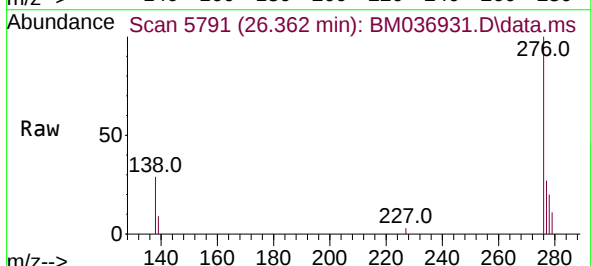
Tgt Ion:278 Resp: 3425

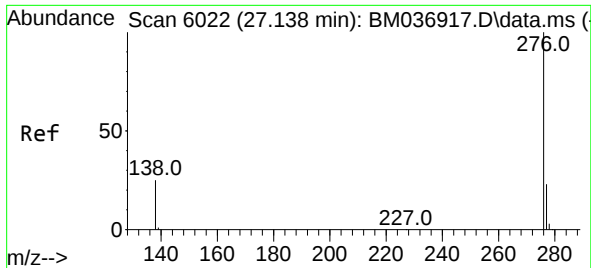
Ion Ratio Lower Upper

278 100

139 46.7 19.8 29.6#

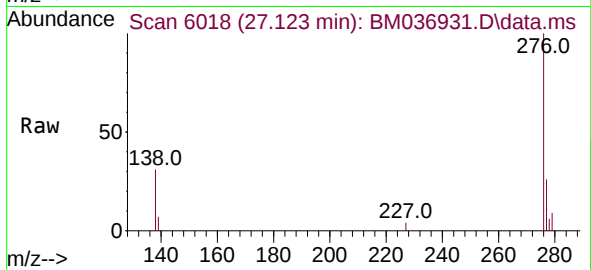
279 54.1 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.165 ng/ul
 RT: 27.123 min Scan# 6018
 Delta R.T. -0.024 min
 Lab File: BM036931.D
 Acq: 11 Oct 2022 05:36

Instrument :
 BNA_M
 ClientSampleId :
 C0BL4



Tgt Ion:276 Resp: 14060
 Ion Ratio Lower Upper
 276 100
 138 31.3 23.4 35.0
 277 26.5 21.0 31.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

