

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037038.D
 Acq On : 14 Oct 2022 04:15
 Operator : CG/JU
 Sample : N5025-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 04:45:51 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7949	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.737	136	28749	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.566	164	15772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.300	188	30435	0.400	ng/ul	-0.01
17) Chrysene-d12	21.473	240	18411	0.400	ng/ul	-0.01
23) Perylene-d12	23.864	264	16067	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	54461	4.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	13154	0.303	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	22441	0.408	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.787	128	38736	0.471	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	20868	0.415	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	16843	0.330	ng/ul	99
10) Acenaphthylene	14.288	152	4045	0.062	ng/ul#	88
11) Acenaphthene	14.626	153	2586	0.045	ng/ul	98
12) Fluorene	15.611	166	2964	0.046	ng/ul#	95
15) Phenanthrene	17.343	178	58867	0.606	ng/ul	99
16) Anthracene	17.436	178	11929	0.147	ng/ul	99
19) Fluoranthene	19.354	202	96983	1.324	ng/ul	98
20) Pyrene	19.717	202	77055m	1.009	ng/ul	
21) Benzo(a)anthracene	21.456	228	34820	0.523	ng/ul	99
22) Chrysene	21.508	228	33885	0.474	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	40307	0.562	ng/ul	95
25) Benzo(k)fluoranthene	23.177	252	13216m	0.189	ng/ul	
26) Benzo(a)pyrene	23.756	252	26637	0.457	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.339	276	16946	0.205	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.349	278	4422	0.066	ng/ul#	77
29) Benzo(g,h,i)perylene	27.104	276	13009	0.179	ng/ul	98

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

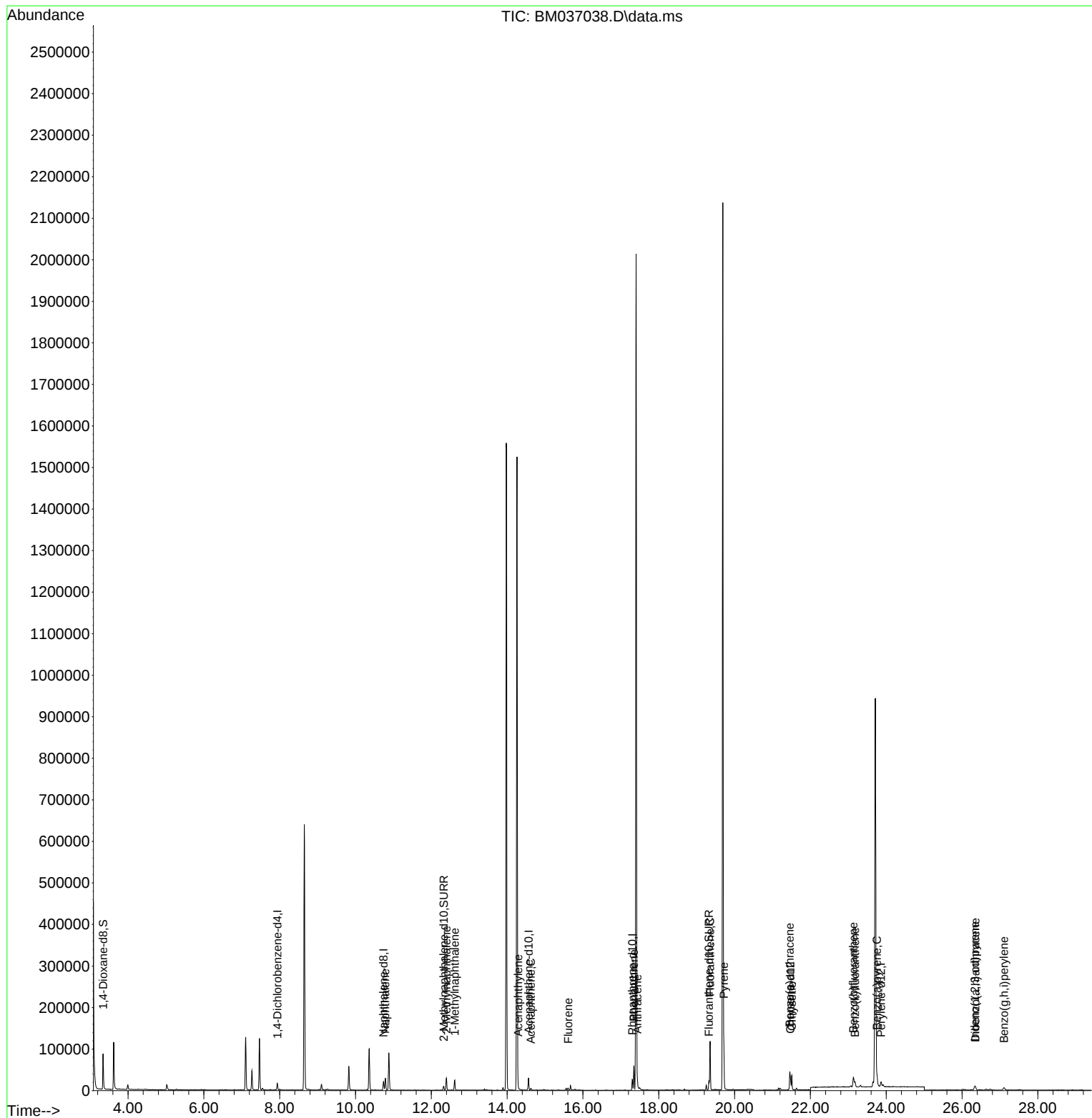
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037038.D
Acq On : 14 Oct 2022 04:15
Operator : CG/JU
Sample : N5025-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

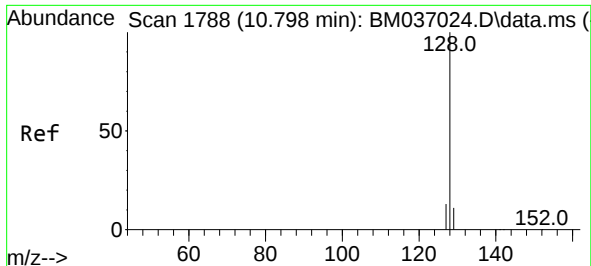
Instrument :
BNA_M
ClientSampleId :
C0BD8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

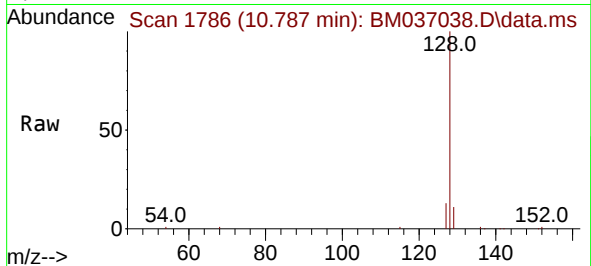
Quant Time: Oct 14 04:45:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.471 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. -0.017 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

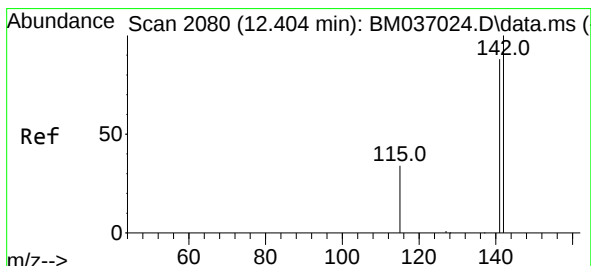
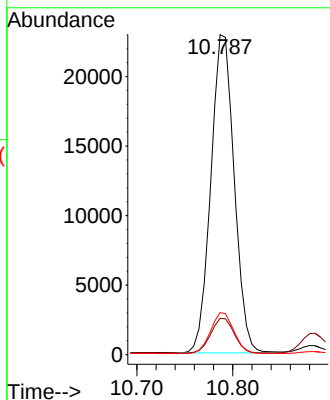
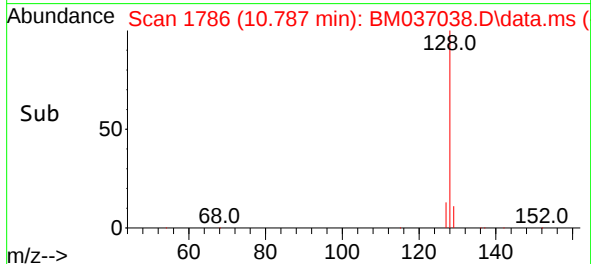
Instrument :
BNA_M
ClientSampleId :
C0BD8



Tgt Ion:128 Resp: 38730
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.1 11.7 17.5

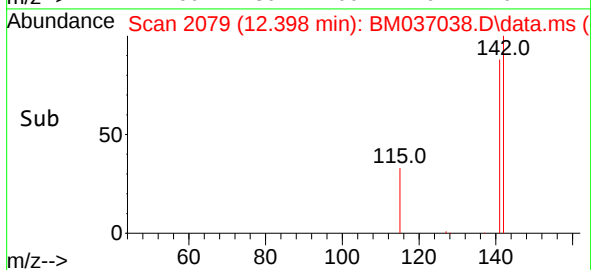
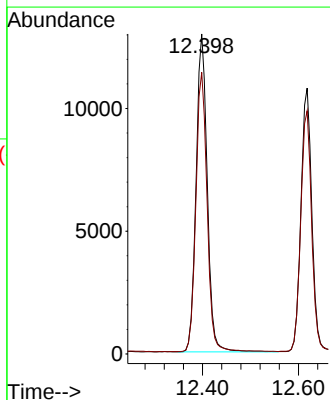
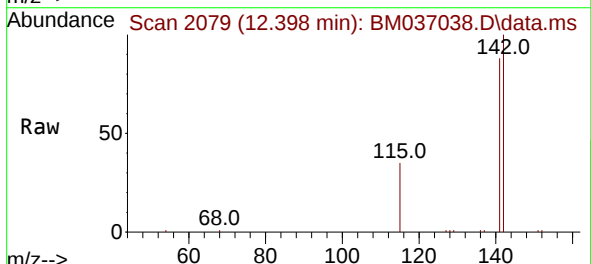
Manual Integrations
APPROVED

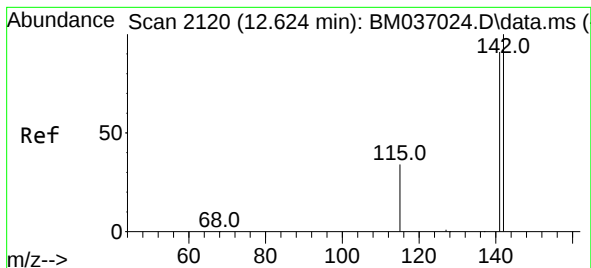
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

Tgt Ion:142 Resp: 20868
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.330 ng/ul

RT: 12.618 min Scan# 2119

Delta R.T. -0.011 min

Lab File: BM037038.D

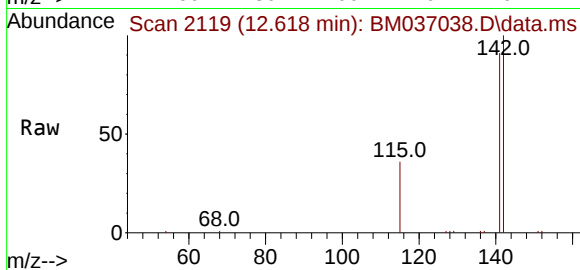
Acq: 14 Oct 2022 04:15

Instrument :

BNA_M

ClientSampleId :

C0BD8



Tgt Ion:142 Resp: 1684

Ion Ratio Lower Upper

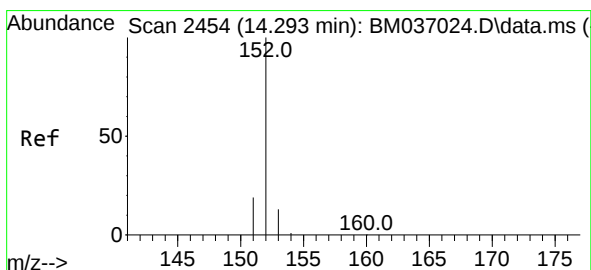
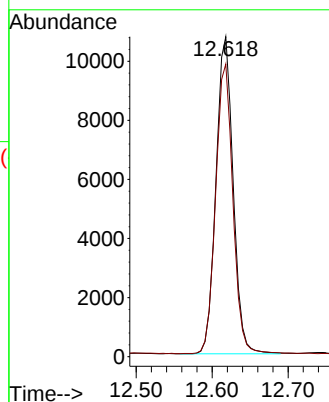
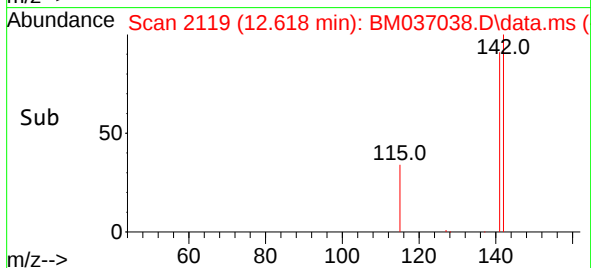
142 100

141 91.9 74.1 111.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10

Acenaphthylene

Concen: 0.062 ng/ul

RT: 14.288 min Scan# 2453

Delta R.T. -0.009 min

Lab File: BM037038.D

Acq: 14 Oct 2022 04:15

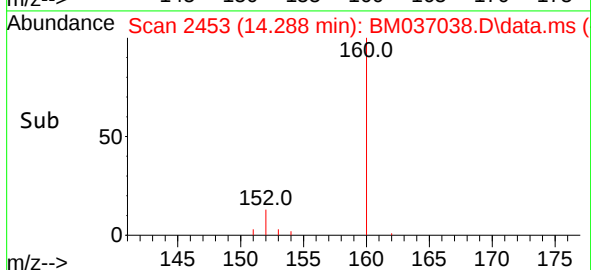
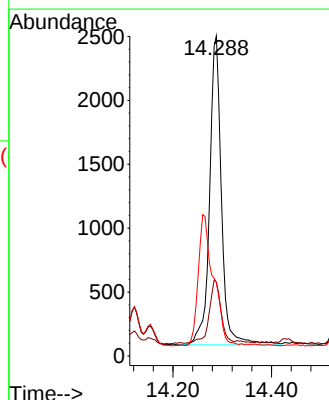
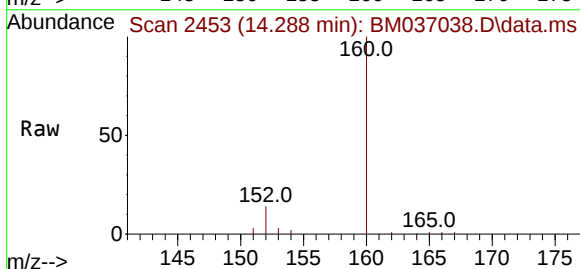
Tgt Ion:152 Resp: 4045

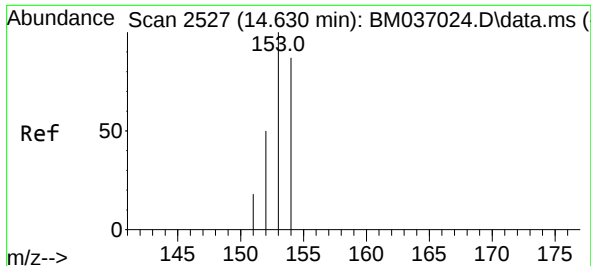
Ion Ratio Lower Upper

152 100

151 23.1 16.6 24.8

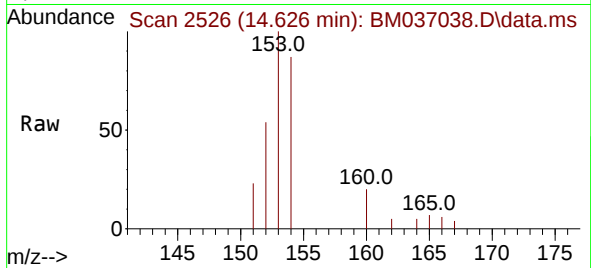
153 22.8 11.4 17.0#





#11
Acenaphthene
Concen: 0.045 ng/u1
RT: 14.626 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

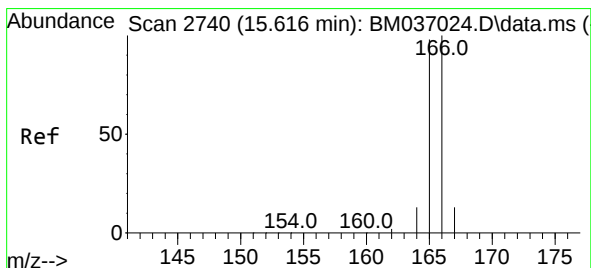
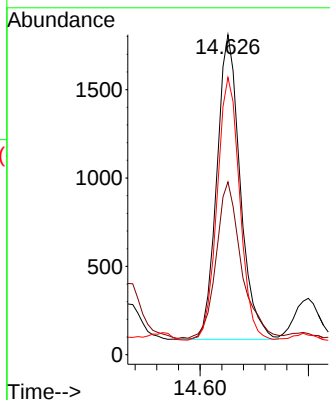
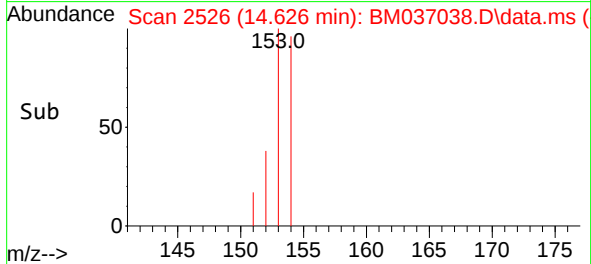
Instrument :
BNA_M
ClientSampleId :
C0BD8



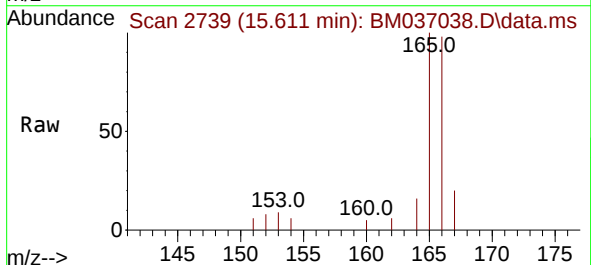
Tgt Ion:153 Resp: 2580
Ion Ratio Lower Upper
153 100
152 54.0 40.2 60.4
154 86.6 69.7 104.5

Manual Integrations
APPROVED

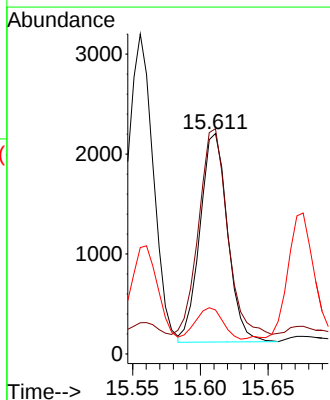
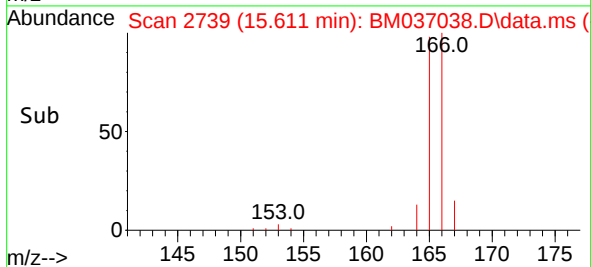
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

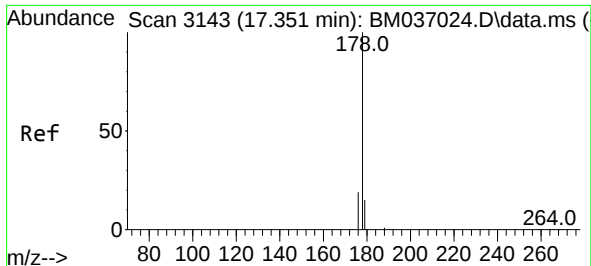


#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.611 min Scan# 2739
Delta R.T. -0.009 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



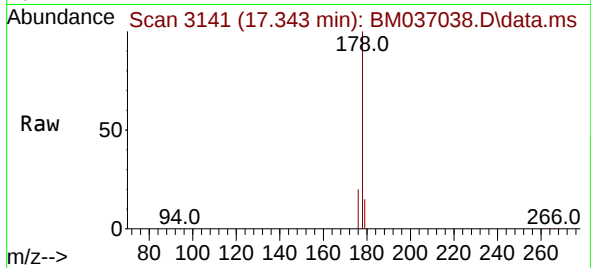
Tgt Ion:166 Resp: 2964
Ion Ratio Lower Upper
166 100
165 102.1 78.9 118.3
167 19.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.606 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

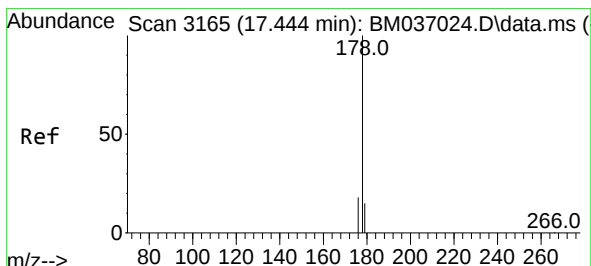
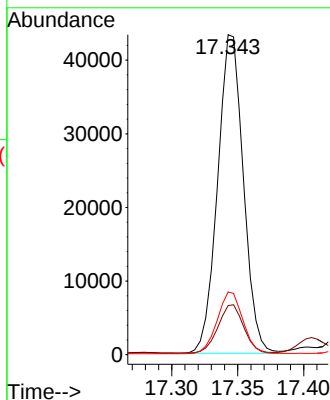
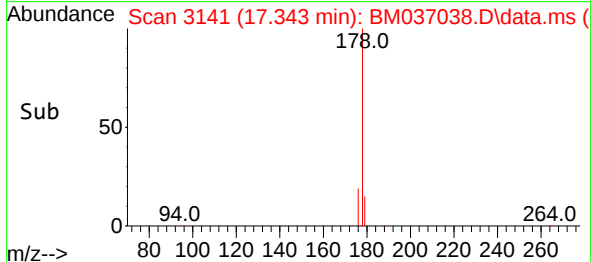
Instrument :
BNA_M
ClientSampleId :
C0BD8



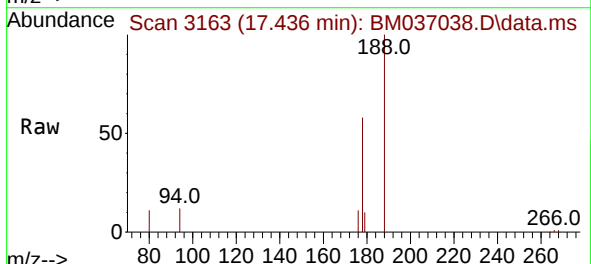
Tgt Ion:178 Resp: 5886
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 15.6 23.4

Manual Integrations
APPROVED

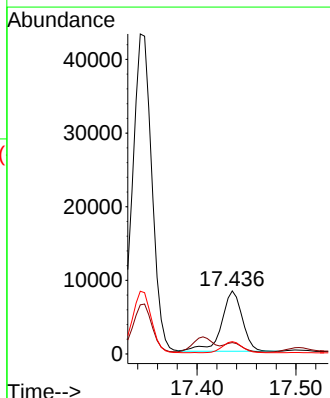
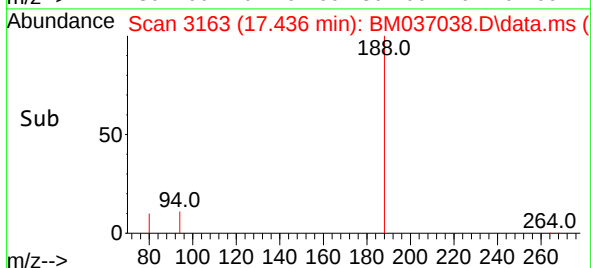
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

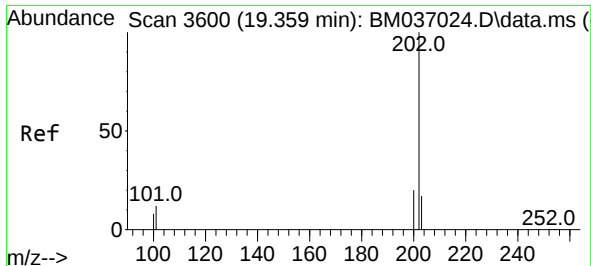


#16
Anthracene
Concen: 0.147 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.013 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



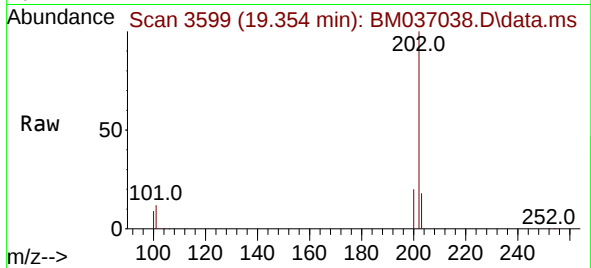
Tgt Ion:178 Resp: 11929
Ion Ratio Lower Upper
178 100
179 18.0 13.6 20.4
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 1.324 ng/ul
RT: 19.354 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

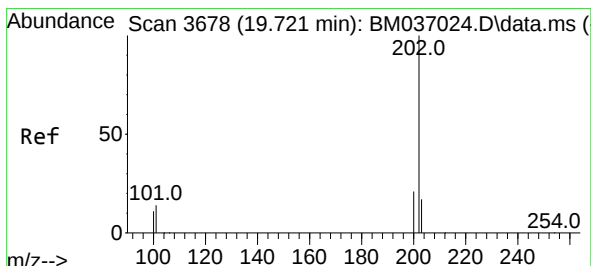
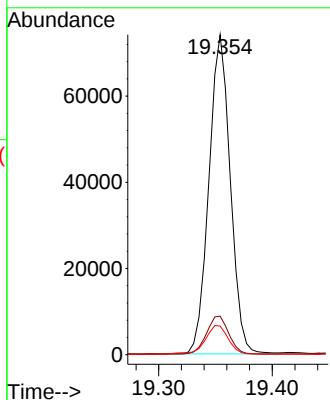
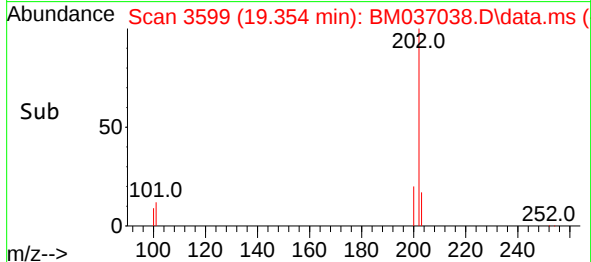
Instrument :
BNA_M
ClientSampleId :
C0BD8



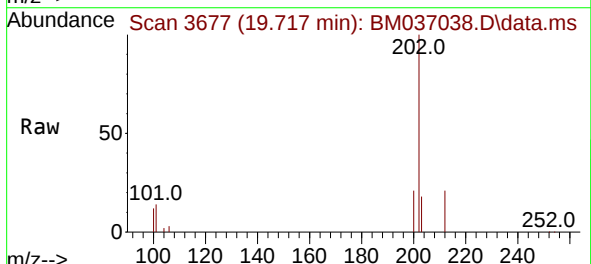
Tgt Ion:202 Resp: 9698
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 8.9 7.9 11.9

Manual Integrations
APPROVED

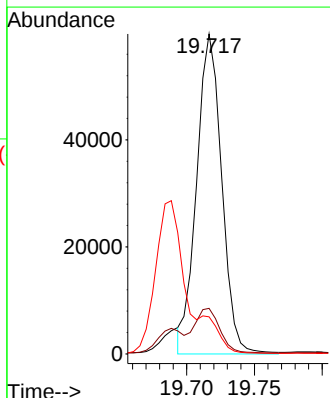
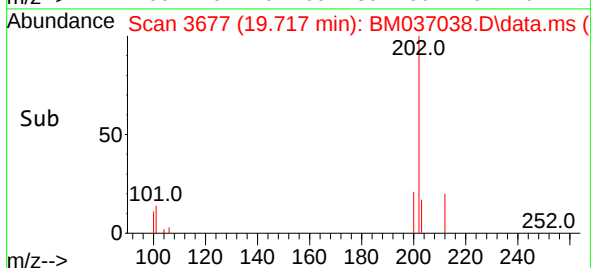
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

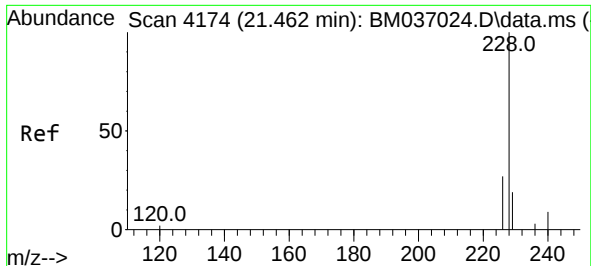


#20
Pyrene
Concen: 1.009 ng/ul m
RT: 19.717 min Scan# 3677
Delta R.T. -0.009 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



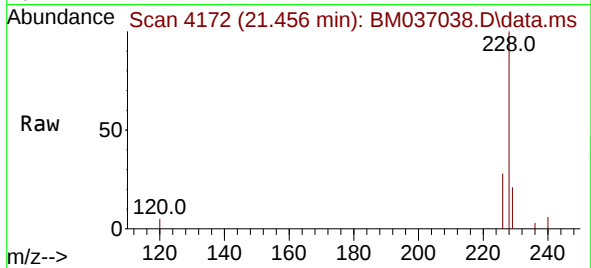
Tgt Ion:202 Resp: 77055
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.523 ng/u1
RT: 21.456 min Scan# 4172
Delta R.T. -0.012 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

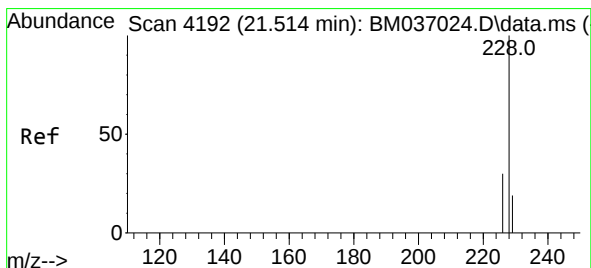
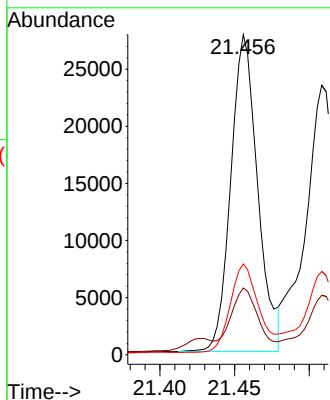
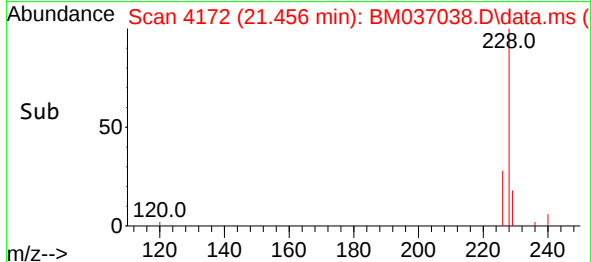
Instrument :
BNA_M
ClientSampleId :
C0BD8



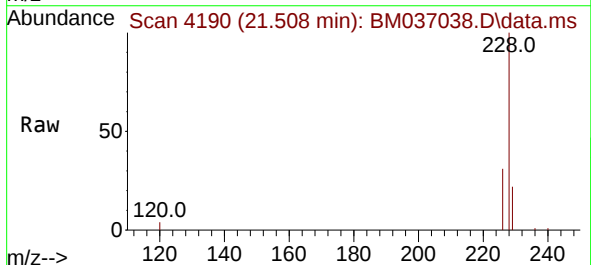
Tgt Ion:228 Resp: 34820
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.3 22.5 33.7

Manual Integrations
APPROVED

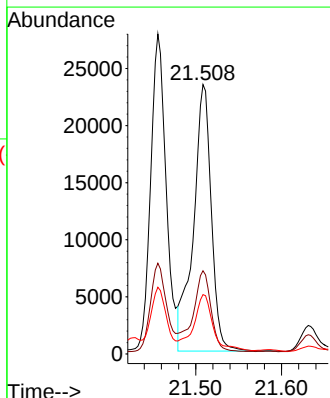
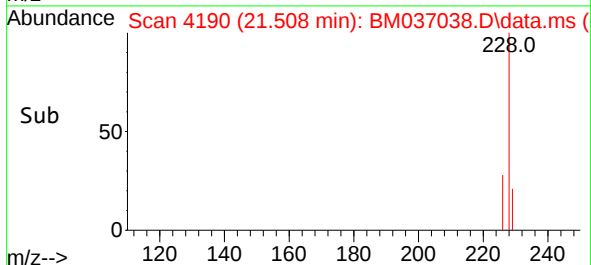
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

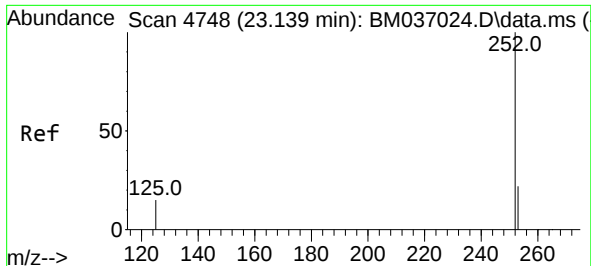


#22
Chrysene
Concen: 0.474 ng/u1
RT: 21.508 min Scan# 4190
Delta R.T. -0.012 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



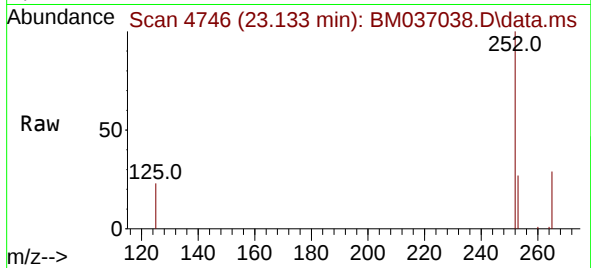
Tgt Ion:228 Resp: 33885
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.562 ng/ul
RT: 23.133 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

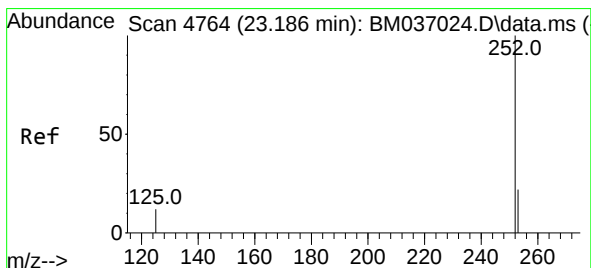
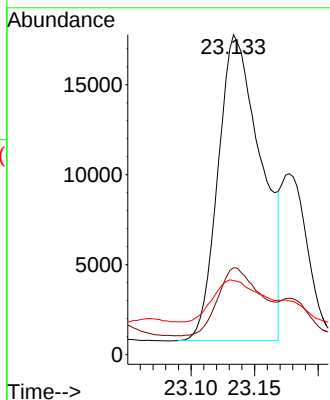
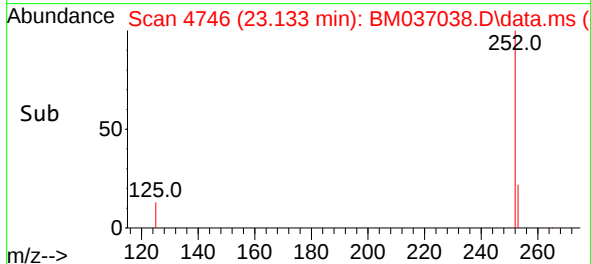
Instrument :
BNA_M
ClientSampleId :
C0BD8



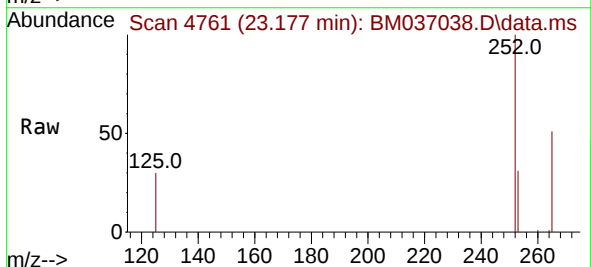
Tgt Ion:252 Resp: 4030
Ion Ratio Lower Upper
252 100
253 27.1 0.0 61.4
125 23.2 0.0 42.6

Manual Integrations
APPROVED

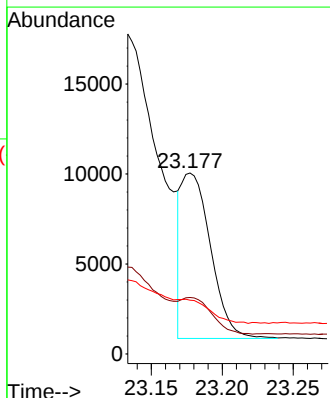
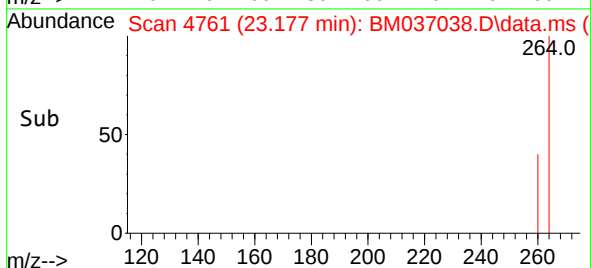
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

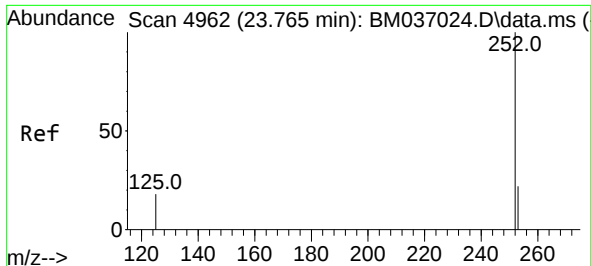


#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul m
RT: 23.177 min Scan# 4761
Delta R.T. -0.018 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



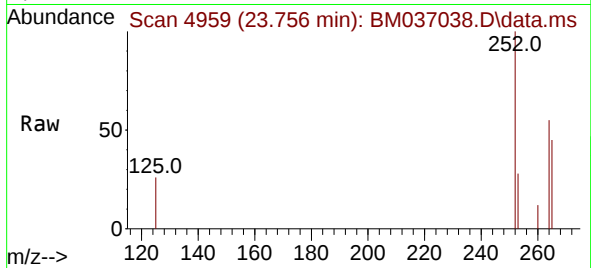
Tgt Ion:252 Resp: 13216
Ion Ratio Lower Upper
252 100
253 31.2 25.2 37.8
125 29.8 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.756 min Scan# 4959
Delta R.T. -0.015 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

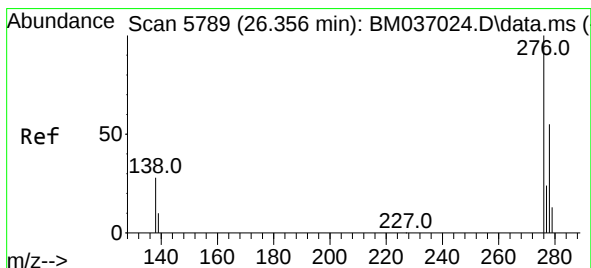
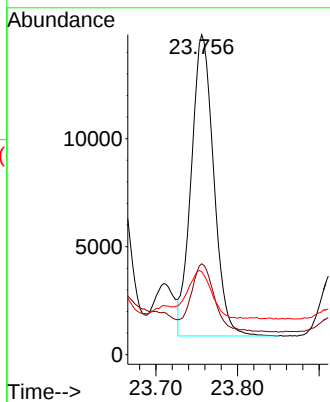
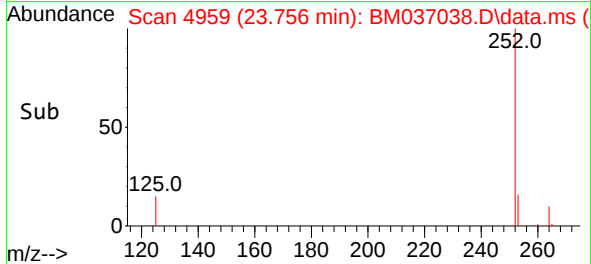
Instrument :
BNA_M
ClientSampleId :
C0BD8



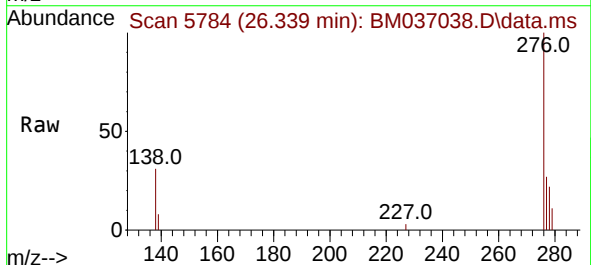
Tgt Ion:252 Resp: 2663
Ion Ratio Lower Upper
252 100
253 28.4 29.7 44.5
125 25.9 23.6 35.4

Manual Integrations
APPROVED

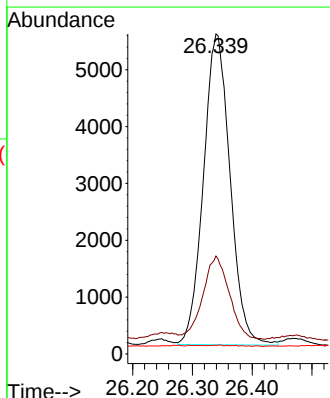
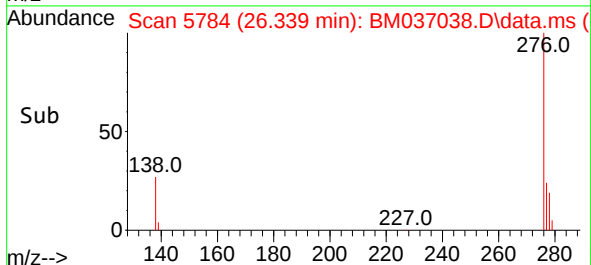
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

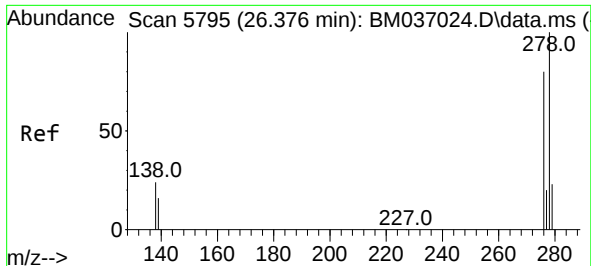


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.024 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15



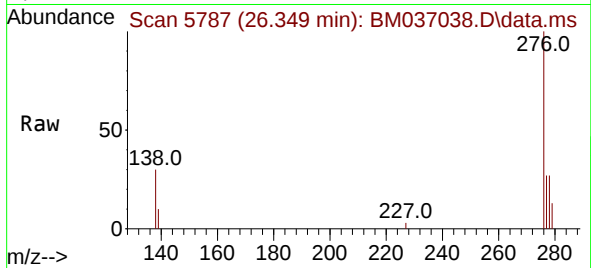
Tgt Ion:276 Resp: 16946
Ion Ratio Lower Upper
276 100
138 26.5 23.9 35.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.349 min Scan# 5787
Delta R.T. -0.030 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

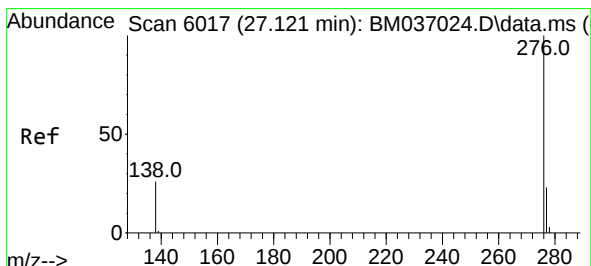
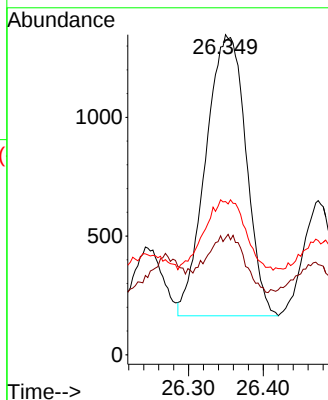
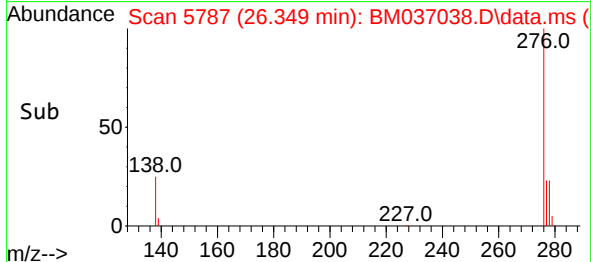
Instrument :
BNA_M
ClientSampleId :
C0BD8



Tgt Ion:278 Resp: 442
Ion Ratio Lower Upper
278 100
139 36.5 19.8 29.6
279 47.8 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 27.104 min Scan# 6012
Delta R.T. -0.024 min
Lab File: BM037038.D
Acq: 14 Oct 2022 04:15

Tgt Ion:276 Resp: 13009
Ion Ratio Lower Upper
276 100
138 31.0 23.4 35.0
277 26.7 21.0 31.4

