

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037653.D
 Acq On : 22 Nov 2022 21:58
 Operator : CG/JU
 Sample : N5589-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9833

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 22 22:53:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	9003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.947	136	27884	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.747	164	16680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	36221	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	28587	0.400	ng/ul	# 0.00
23) Perylene-d12	24.121	264	29375	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	39855	3.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	9545	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	23263	0.246	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.997	128	1766	0.021	ng/ul#	83
7) 2-Methylnaphthalene	12.592	142	1153	0.020	ng/ul	98
10) Acenaphthylene	14.470	152	4386	0.047	ng/ul#	88
12) Fluorene	15.788	166	2949	0.038	ng/ul#	97
15) Phenanthrene	17.521	178	44900	0.362	ng/ul	99
16) Anthracene	17.610	178	11143	0.093	ng/ul	95
19) Fluoranthene	19.518	202	69681	0.505	ng/ul#	95
20) Pyrene	19.880	202	54502m	0.380	ng/ul	
21) Benzo(a)anthracene	21.619	228	30792	0.241	ng/ul	99
22) Chrysene	21.671	228	27386	0.216	ng/ul	97
24) Benzo(b)fluoranthene	23.358	252	32423	0.242	ng/ul#	78
25) Benzo(k)fluoranthene	23.405	252	13143m	0.097	ng/ul	
26) Benzo(a)pyrene	24.010	252	21469	0.184	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.721	276	13511	0.088	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.738	278	5211	0.043	ng/ul#	55
29) Benzo(g,h,i)perylene	27.526	276	10571	0.081	ng/ul#	88

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

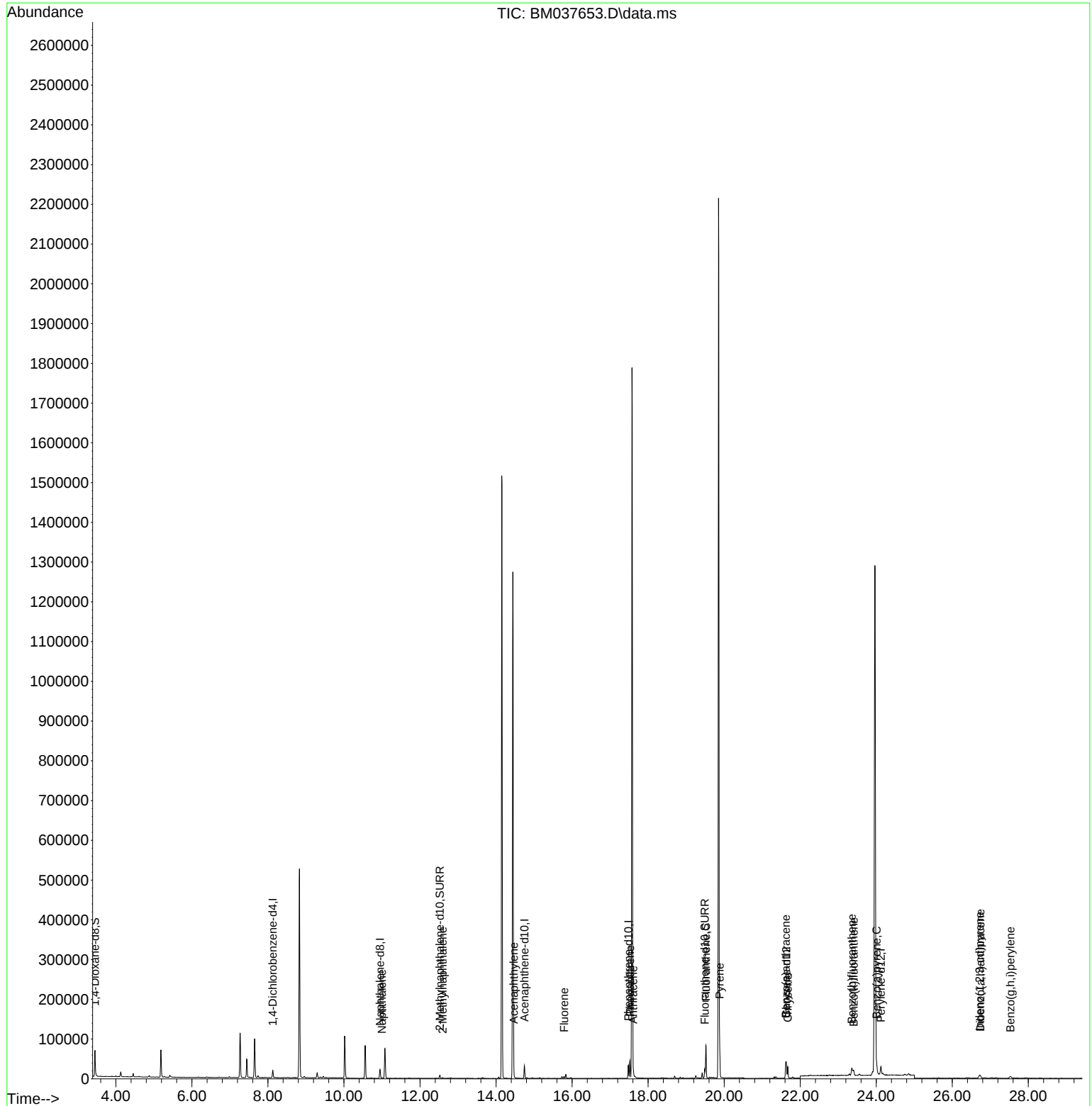
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037653.D
Acq On : 22 Nov 2022 21:58
Operator : CG/JU
Sample : N5589-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

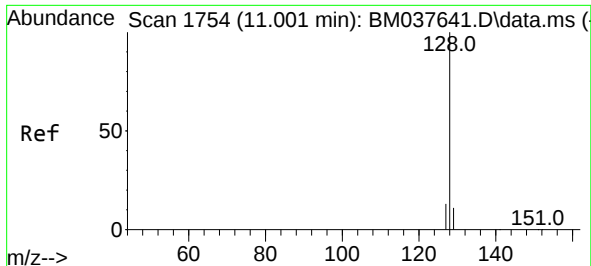
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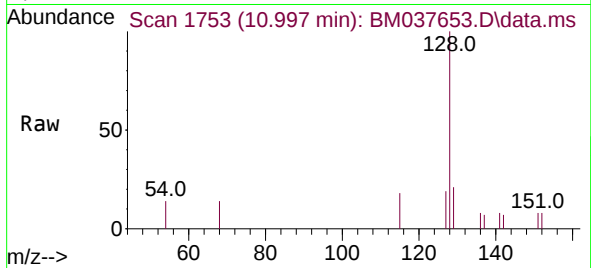
Quant Time: Nov 22 22:53:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.997 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

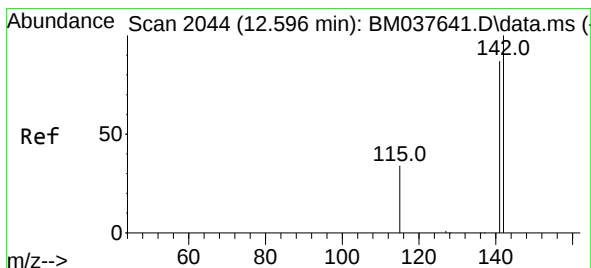
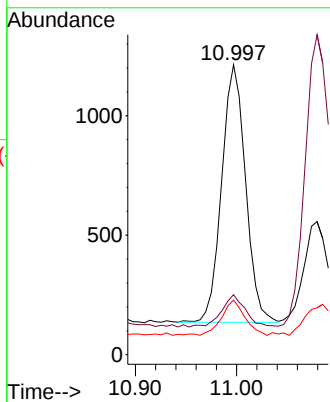
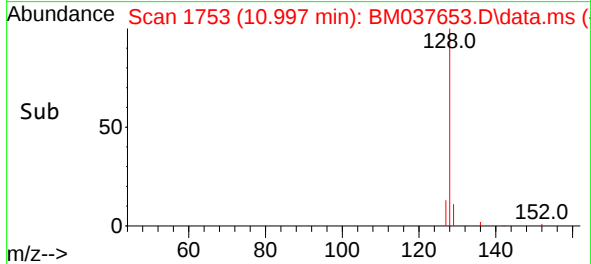
Instrument :
BNA_M
ClientSampleId :
C9833



Tgt Ion:128 Resp: 1760
Ion Ratio Lower Upper
128 100
129 20.7 9.8 14.8
127 18.8 11.0 16.4

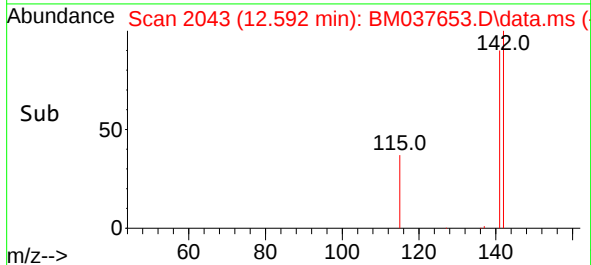
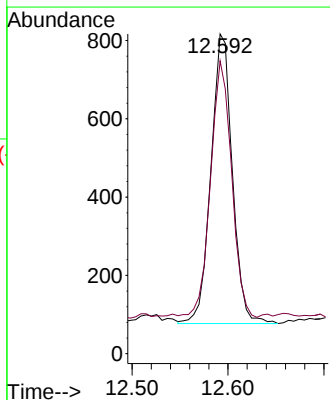
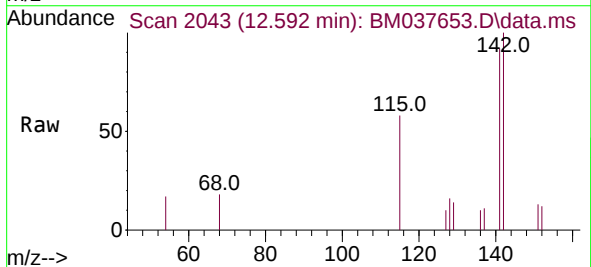
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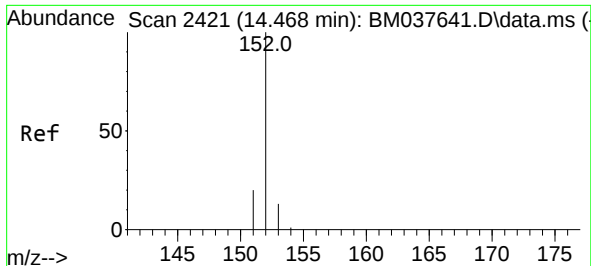
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

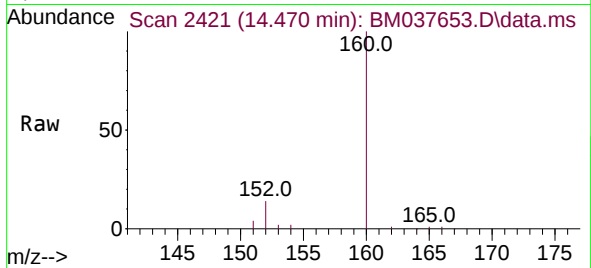
Tgt Ion:142 Resp: 1153
Ion Ratio Lower Upper
142 100
141 87.1 71.0 106.4





#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

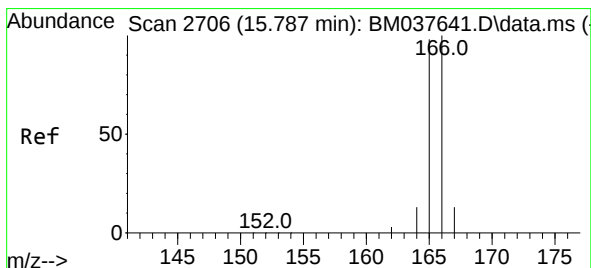
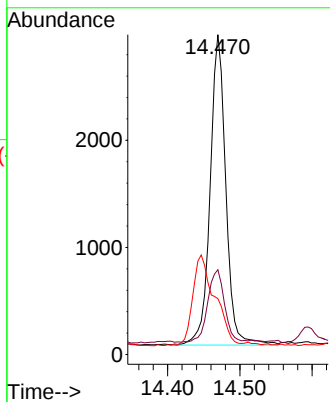
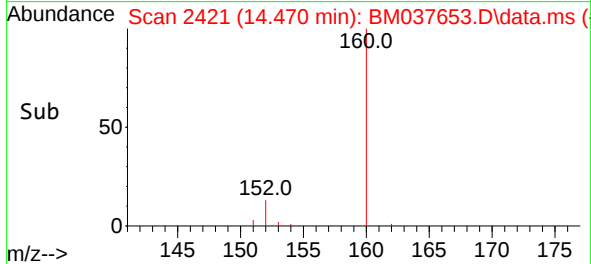
Instrument :
BNA_M
ClientSampleId :
C9833



Tgt Ion:152 Resp: 4386
Ion Ratio Lower Upper
152 100
151 26.5 15.9 23.9
153 17.5 11.0 16.4

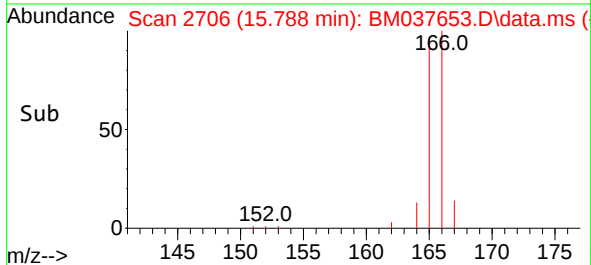
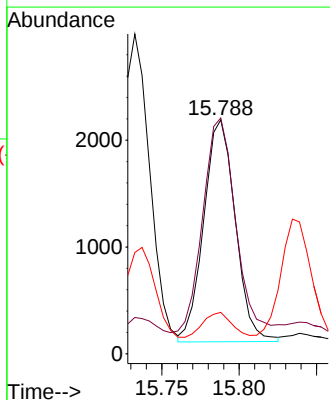
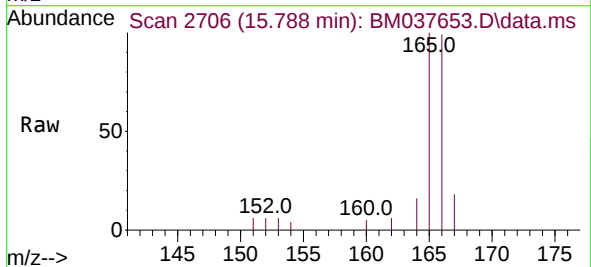
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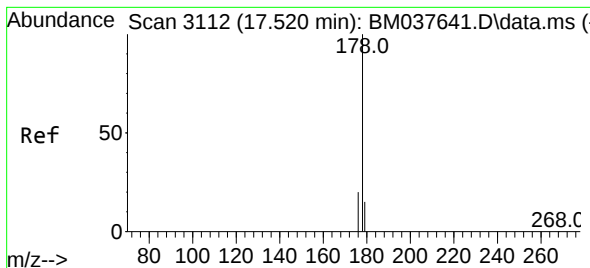
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.788 min Scan# 2706
Delta R.T. 0.001 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

Tgt Ion:166 Resp: 2949
Ion Ratio Lower Upper
166 100
165 100.8 78.7 118.1
167 17.7 11.3 16.9





#15

Phenanthrene

Concen: 0.362 ng/u1

RT: 17.521 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BM037653.D

Acq: 22 Nov 2022 21:58

Instrument :

BNA_M

ClientSampleId :

C9833

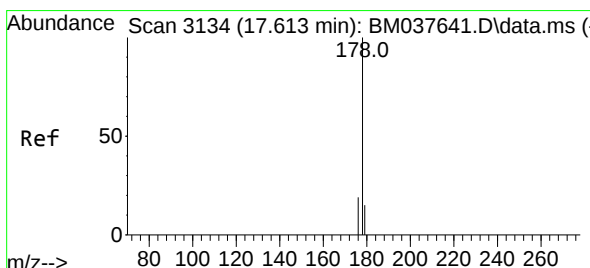
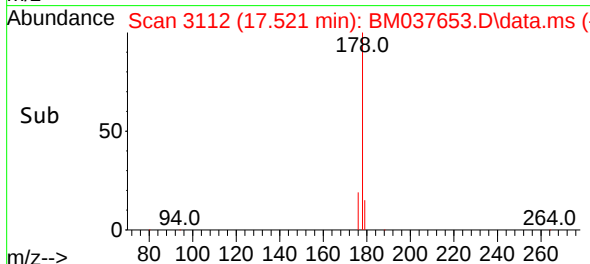
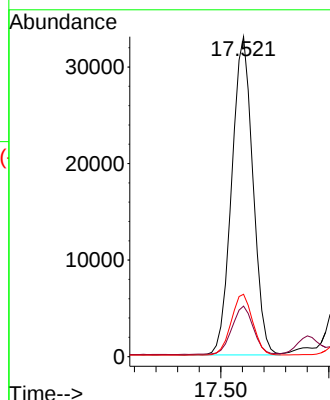
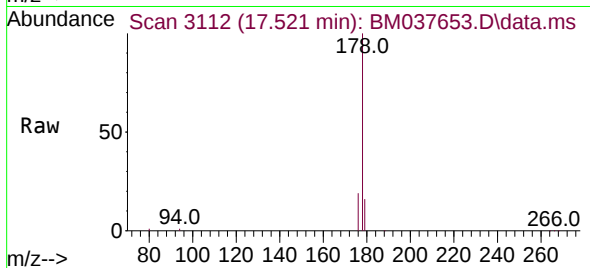
Tgt Ion:178 Resp: 44900

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.5	16.0	24.0

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Supervised By :mohammad ahmed 11/25/2022



#16

Anthracene

Concen: 0.093 ng/u1

RT: 17.610 min Scan# 3133

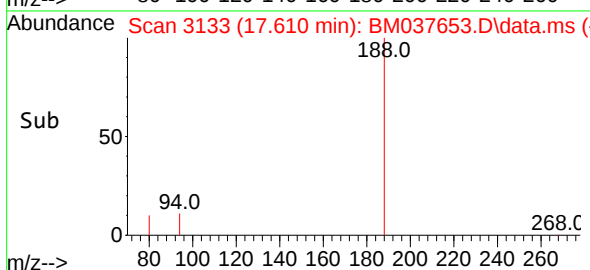
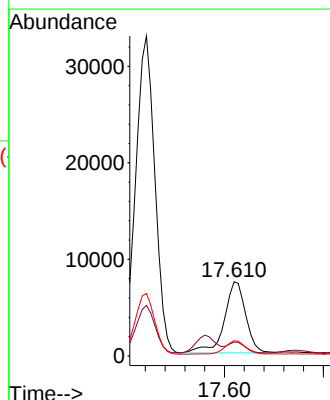
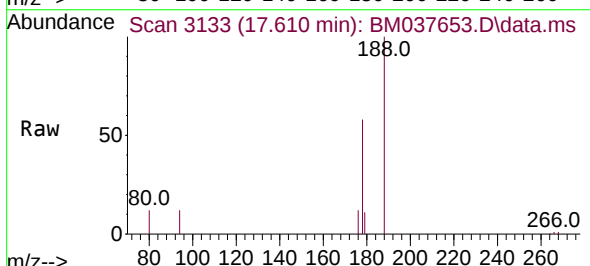
Delta R.T. -0.003 min

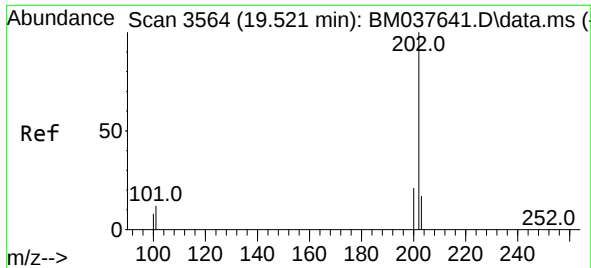
Lab File: BM037653.D

Acq: 22 Nov 2022 21:58

Tgt Ion:178 Resp: 11143

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.8	19.2
176	20.3	15.0	22.6





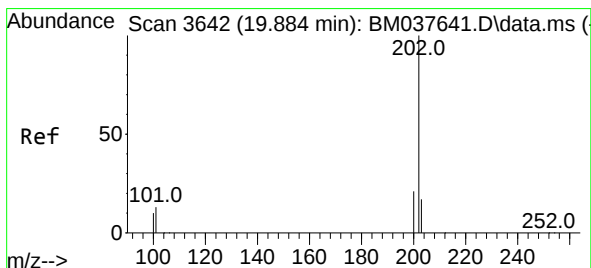
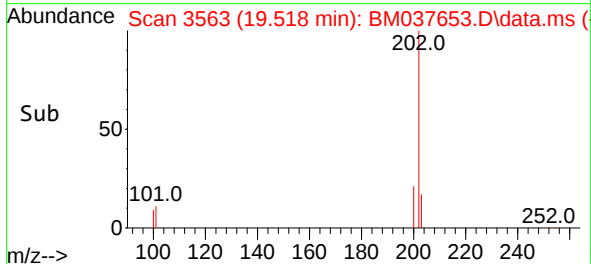
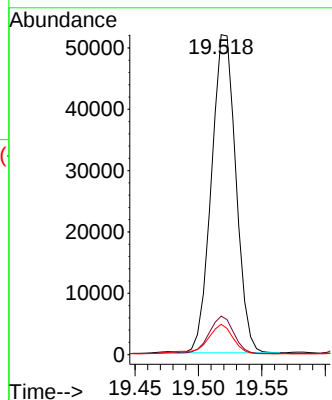
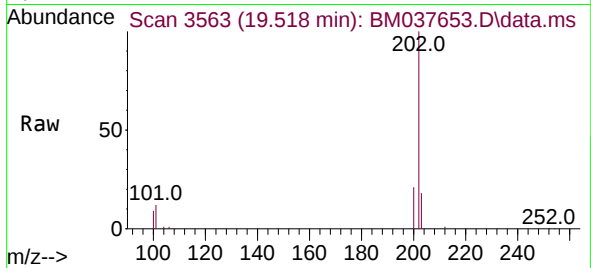
#19
Fluoranthene
Concen: 0.505 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

Instrument :
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ClientSampleId :
C9833

Tgt Ion:202 Resp: 6968
Ion Ratio Lower Upper
202 100
101 12.0 8.2 12.2
100 9.5 6.1 9.1

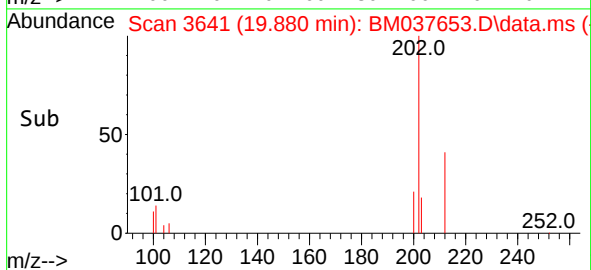
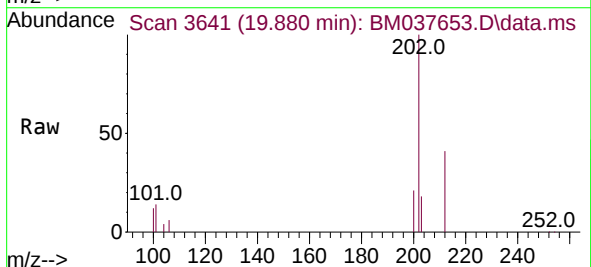
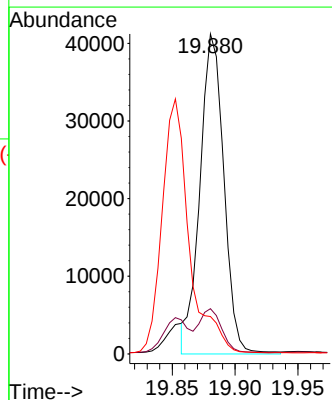
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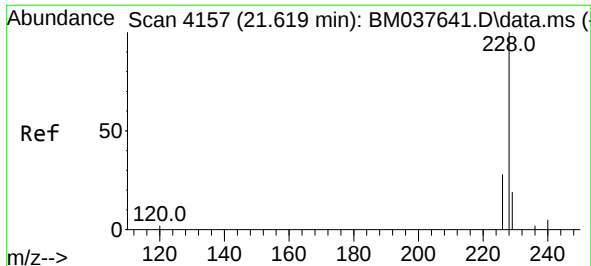
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#20
Pyrene
Concen: 0.380 ng/ul m
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

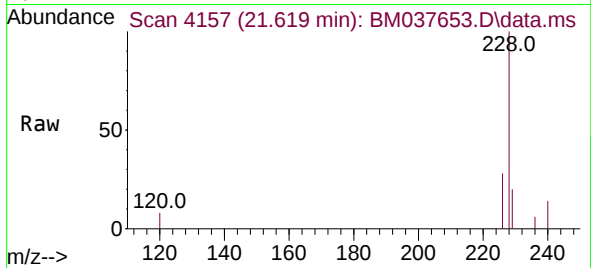
Tgt Ion:202 Resp: 54502
Ion Ratio Lower Upper
202 100
101 14.2 10.1 15.1
100 11.7 8.0 12.0





#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

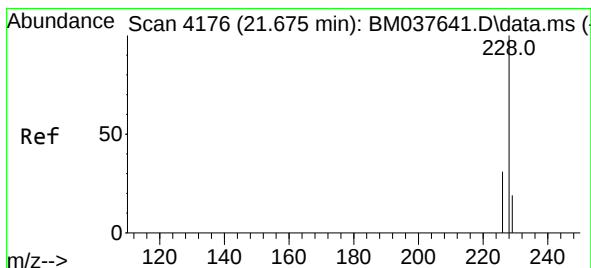
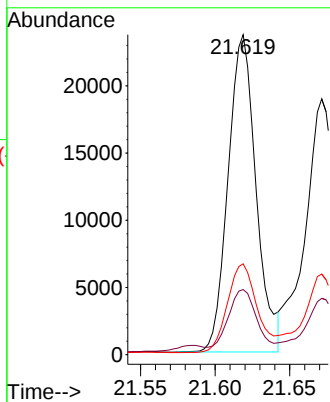
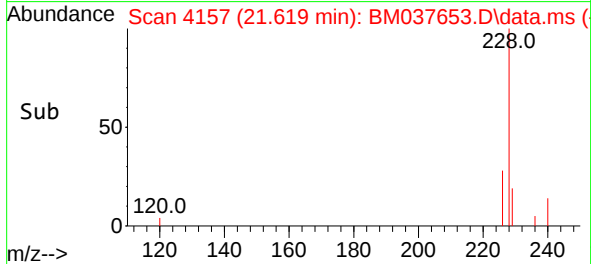
Instrument :
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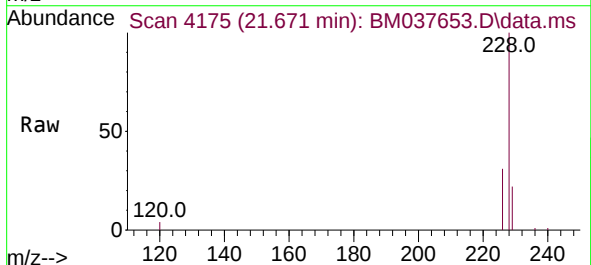
Tgt Ion:228 Resp: 30792
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.4 22.2 33.2

Manual Integrations
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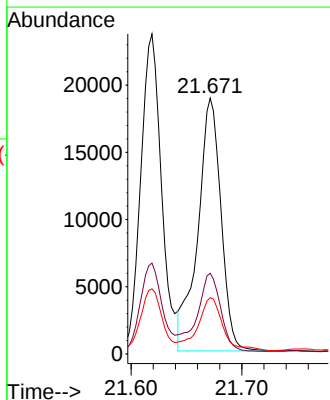
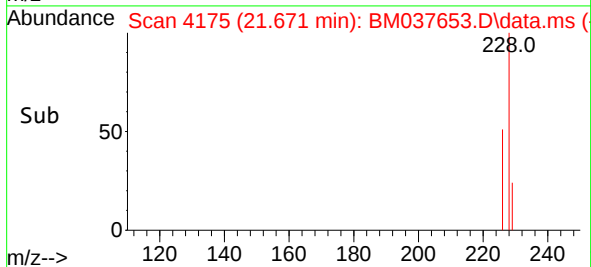
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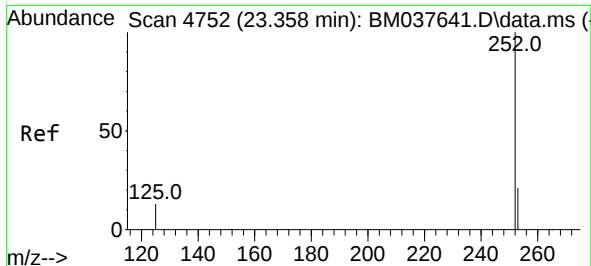


#22
Chrysene
Concen: 0.216 ng/ul
RT: 21.671 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58



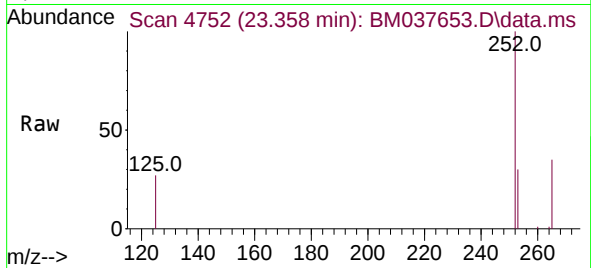
Tgt Ion:228 Resp: 27386
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 22.0 15.5 23.3





#24
Benzo(b)fluoranthene
Concen: 0.242 ng/ul
RT: 23.358 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

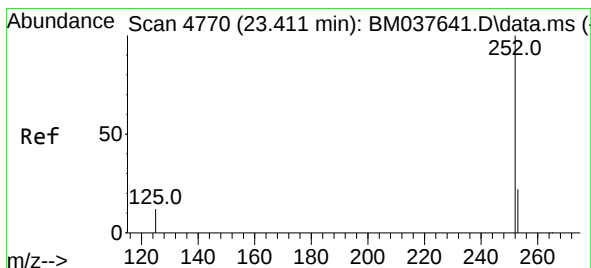
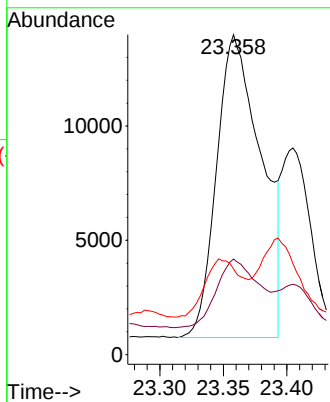
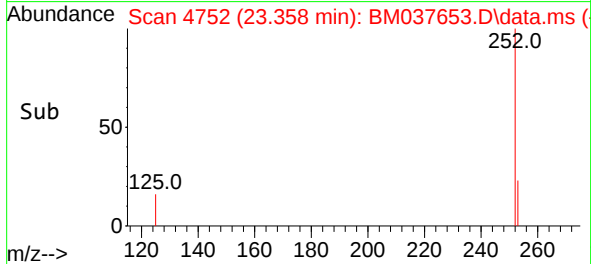
Instrument :
BNA_M
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C9833



Tgt Ion:252 Resp: 32423
Ion Ratio Lower Upper
252 100
253 29.9 0.0 46.2
125 26.8 0.0 23.4

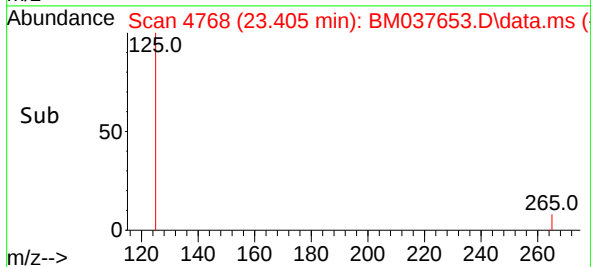
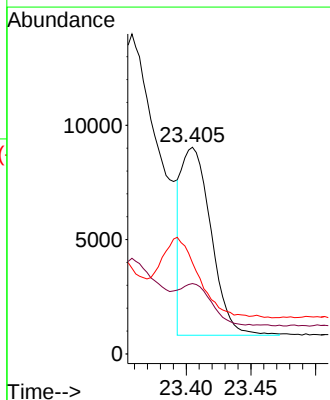
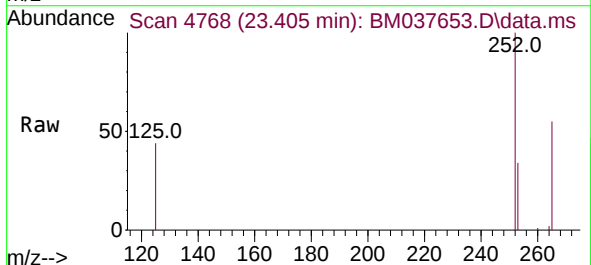
Manual Integrations
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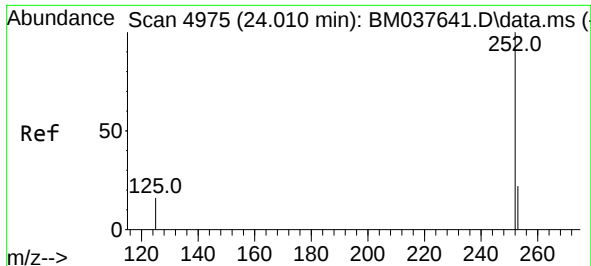
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.405 min Scan# 4768
Delta R.T. -0.006 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

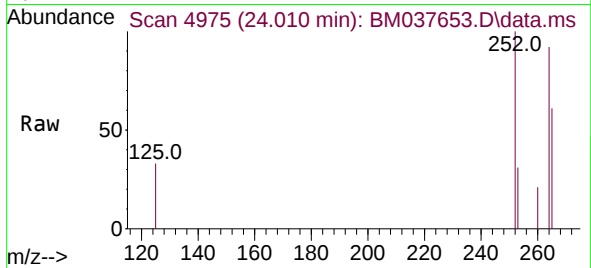
Tgt Ion:252 Resp: 13143
Ion Ratio Lower Upper
252 100
253 34.0 18.8 28.2#
125 44.1 9.8 14.6#





#26
Benzo(a)pyrene
Concen: 0.184 ng/ul
RT: 24.010 min Scan# 4975
Delta R.T. -0.003 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

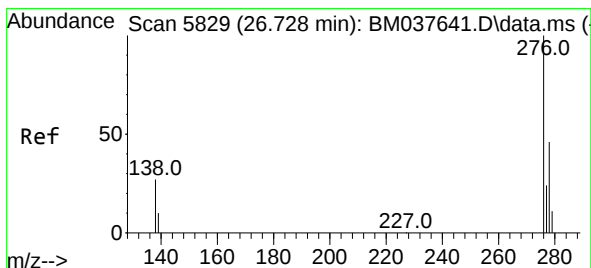
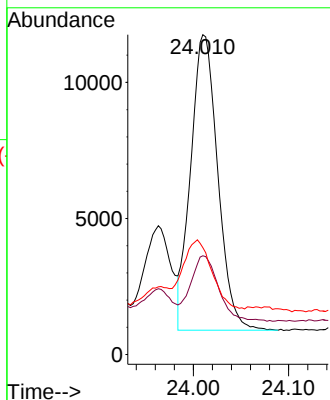
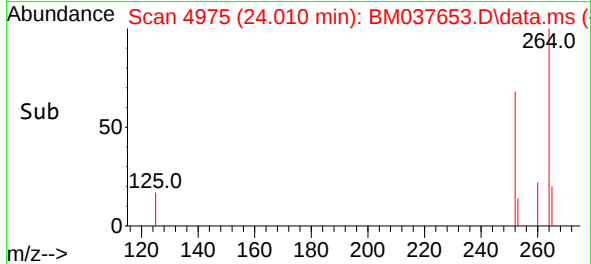
Instrument :
BNA_M
ClientSampleId :
C9833



Tgt Ion:252 Resp: 21469
Ion Ratio Lower Upper
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125 33.4 10.5 15.7

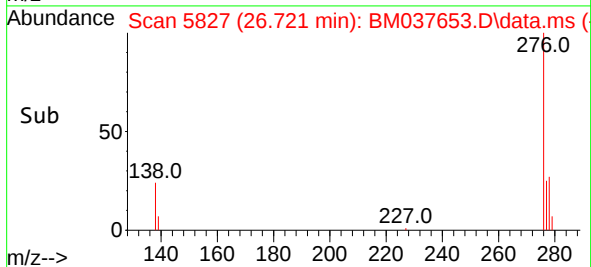
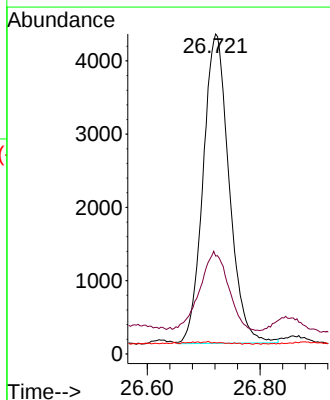
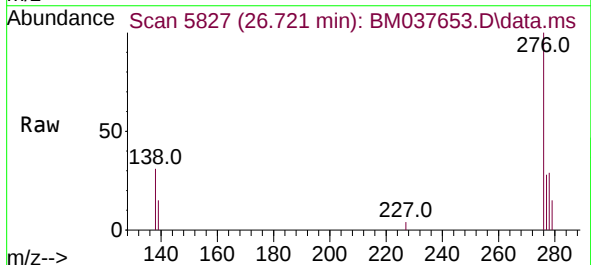
Manual Integrations
APPROVED

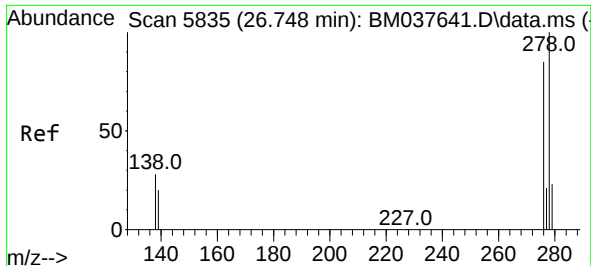
Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.721 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

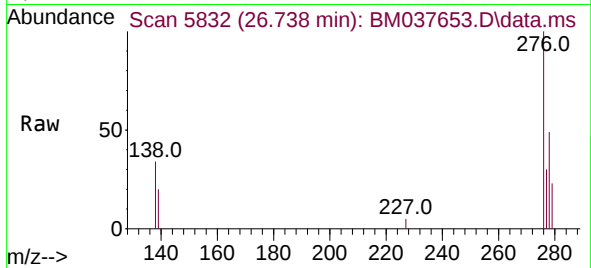
Tgt Ion:276 Resp: 13511
Ion Ratio Lower Upper
276 100
138 28.5 21.2 31.8
227 0.4 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.738 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58

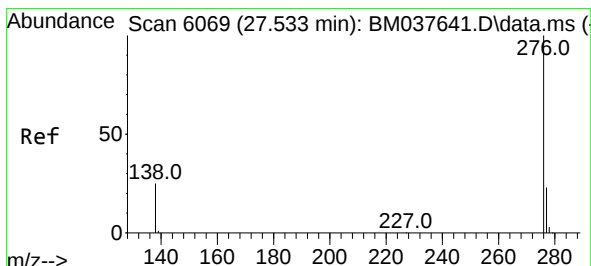
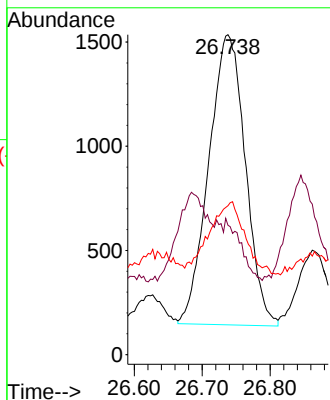
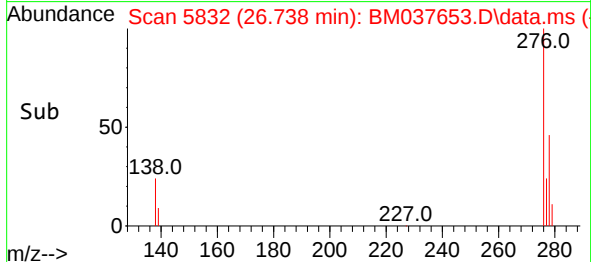
Instrument :
BNA_M
ClientSampleId :
C9833



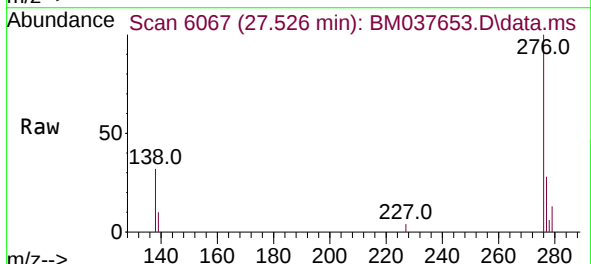
Tgt Ion:278 Resp: 521
Ion Ratio Lower Upper
278 100
139 40.4 15.2 22.8
279 46.5 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037653.D
Acq: 22 Nov 2022 21:58



Tgt Ion:276 Resp: 10571
Ion Ratio Lower Upper
276 100
138 32.0 19.0 28.4
277 28.0 19.4 29.2

