

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037141.D
 Acq On : 18 Oct 2022 08:57
 Operator : CG/JU
 Sample : N5023-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BC2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 19 01:17:52 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 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4124	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.721	136	15456	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.547	164	8032	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	14854	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	8503	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	7842	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	31598	5.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6232	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	9963	0.392	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.771	128	3352	0.076	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	1704	0.063	ng/ul	92
8) 1-Methylnaphthalene	12.602	142	1396	0.051	ng/ul	98
10) Acenaphthylene	14.270	152	1039	0.031	ng/ul#	77
15) Phenanthrene	17.330	178	6883	0.145	ng/ul	97
16) Anthracene	17.419	178	3001	0.076	ng/ul#	92
19) Fluoranthene	19.340	202	16836	0.498	ng/ul	98
20) Pyrene	19.703	202	16238m	0.460	ng/ul	
21) Benzo(a)anthracene	21.447	228	6389	0.208	ng/ul	96
22) Chrysene	21.500	228	6968	0.211	ng/ul	98
24) Benzo(b)fluoranthene	23.122	252	7715	0.220	ng/ul	82
25) Benzo(k)fluoranthene	23.166	252	2782m	0.081	ng/ul	
26) Benzo(a)pyrene	23.742	252	5706	0.201	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.319	276	3619	0.090	ng/ul	98
28) Dibenzo(a,h)anthracene	26.340	278	1173	0.036	ng/ul#	54
29) Benzo(g,h,i)perylene	27.084	276	3008	0.085	ng/ul#	85

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

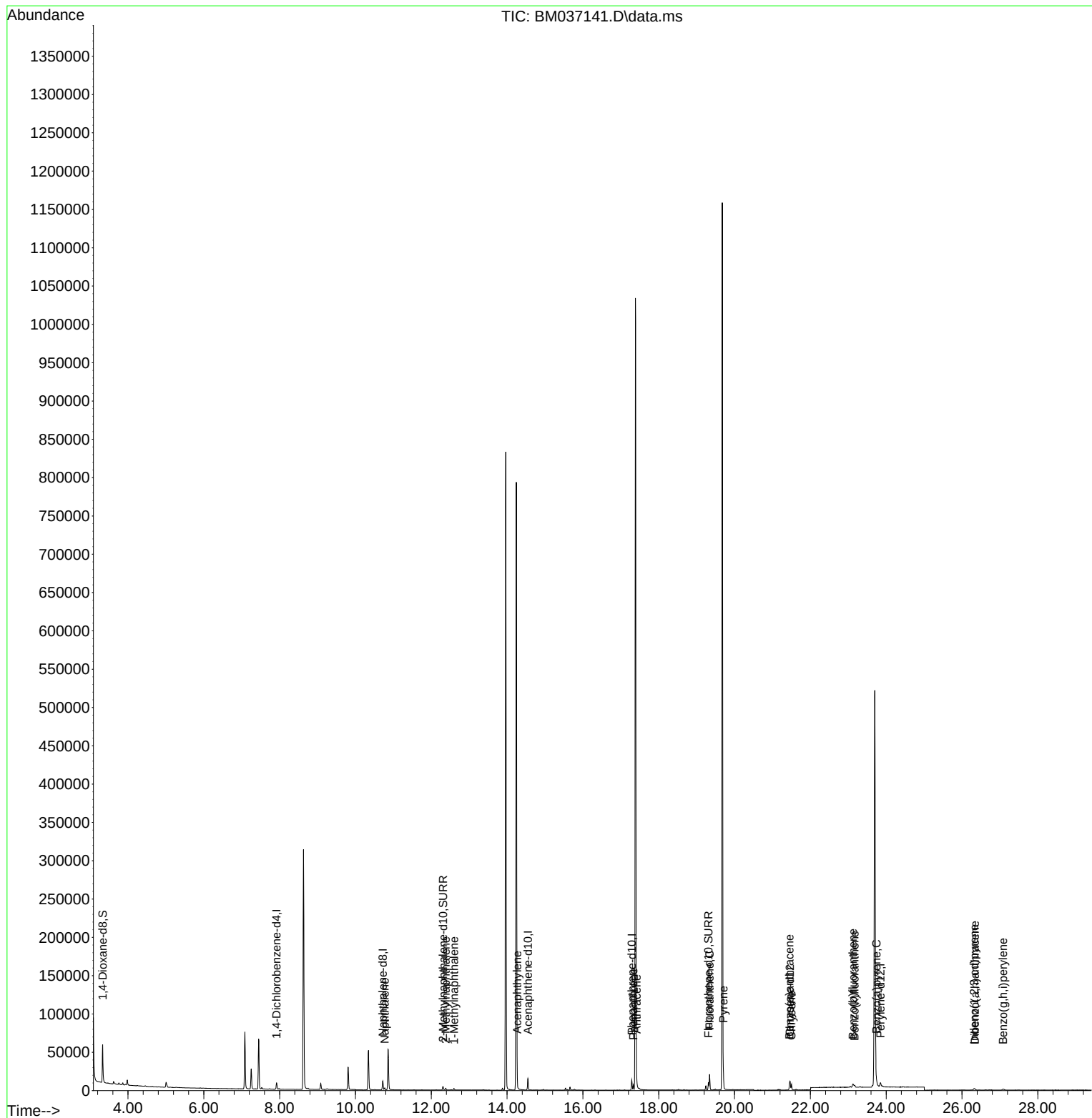
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037141.D
Acq On : 18 Oct 2022 08:57
Operator : CG/JU
Sample : N5023-09
Misc :
ALS Vial : 41 Sample Multiplier: 1

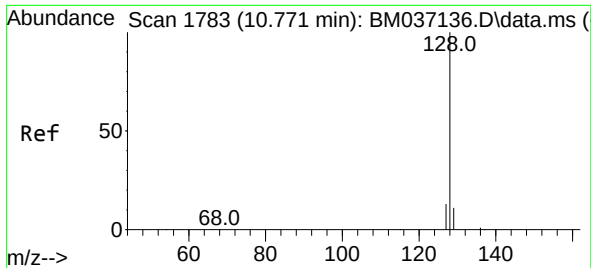
Instrument :
BNA_M
ClientSampleId :
C0BC2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

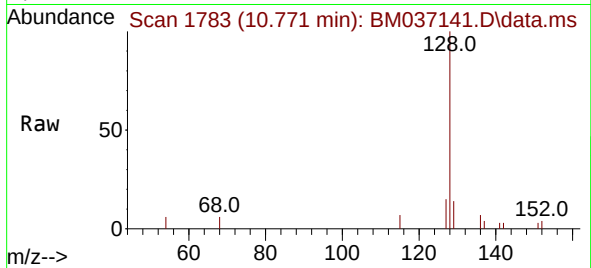
Quant Time: Oct 19 01:17:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.771 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

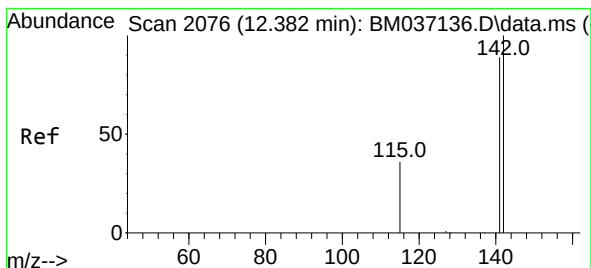
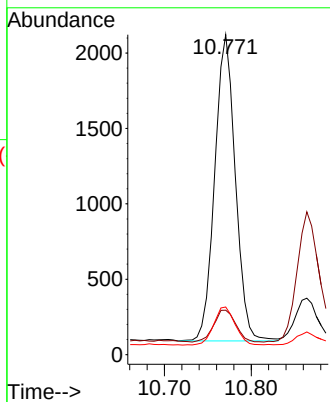
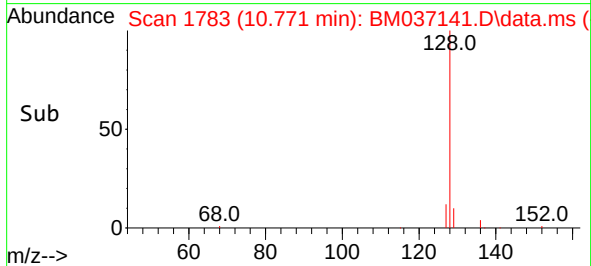
Instrument :
BNA_M
ClientSampleId :
C0BC2



Tgt Ion:128 Resp: 3352
Ion Ratio Lower Upper
128 100
129 13.9 10.2 15.2
127 14.9 11.7 17.5

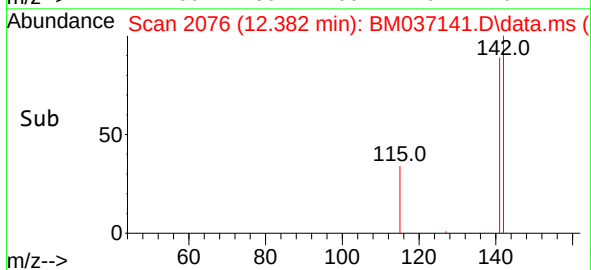
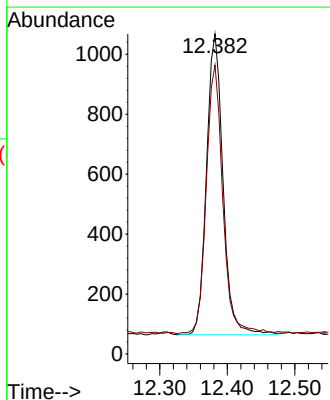
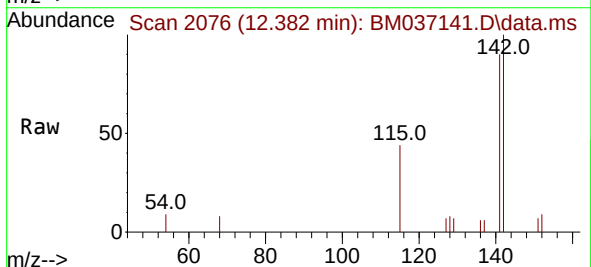
Manual Integrations
APPROVED

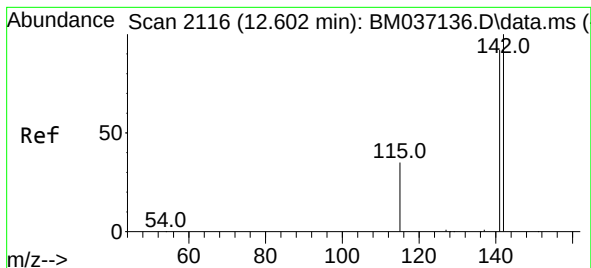
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

Tgt Ion:142 Resp: 1704
Ion Ratio Lower Upper
142 100
141 89.2 77.4 116.0





#8

1-Methylnaphthalene

Concen: 0.051 ng/ul

RT: 12.602 min Scan# 2116

Delta R.T. -0.005 min

Lab File: BM037141.D

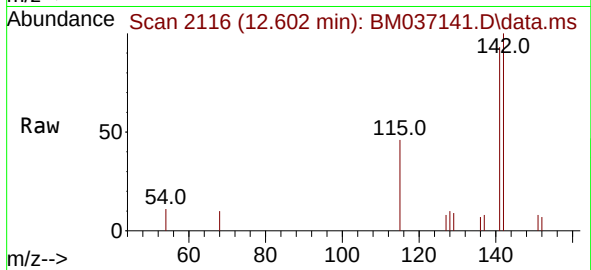
Acq: 18 Oct 2022 08:57

Instrument :

BNA_M

ClientSampleId :

C0BC2



Tgt Ion:142 Resp: 1390

Ion Ratio Lower Upper

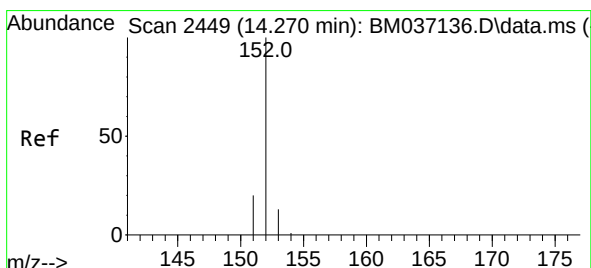
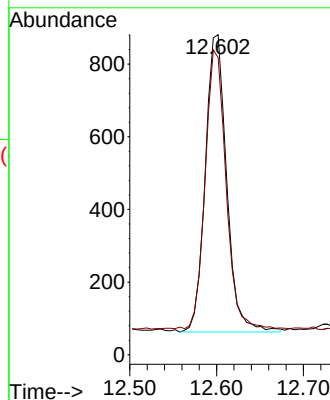
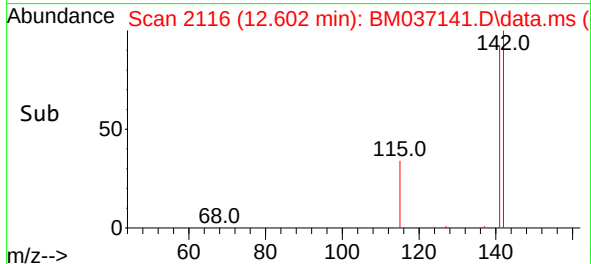
142 100

141 91.1 74.1 111.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#10

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.270 min Scan# 2449

Delta R.T. -0.009 min

Lab File: BM037141.D

Acq: 18 Oct 2022 08:57

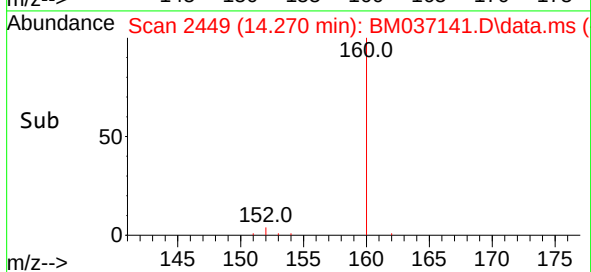
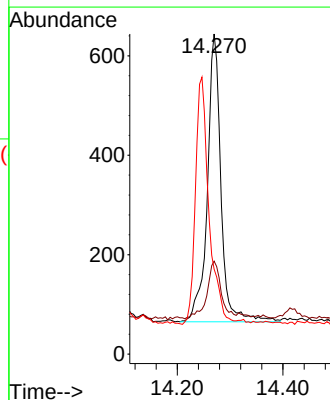
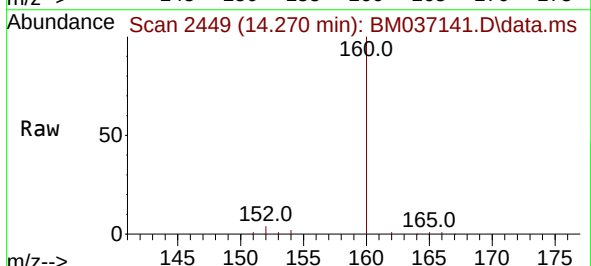
Tgt Ion:152 Resp: 1039

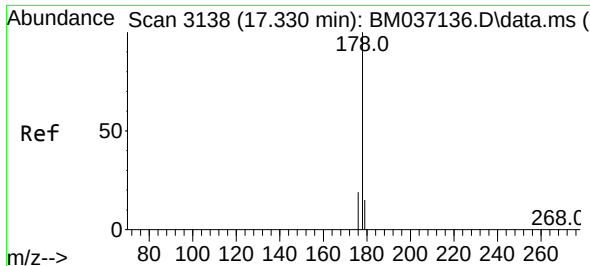
Ion Ratio Lower Upper

152 100

151 29.0 16.6 24.8#

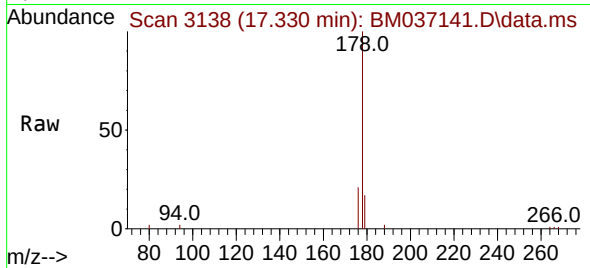
153 26.6 11.4 17.0#





#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.330 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

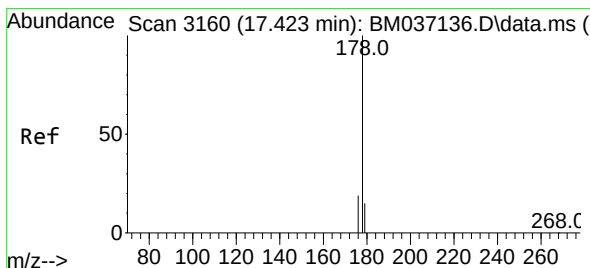
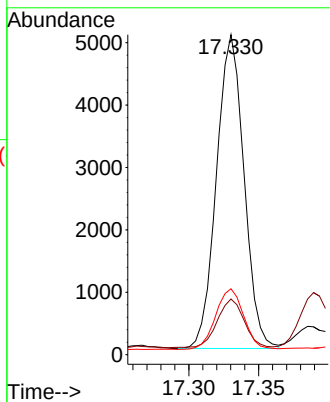
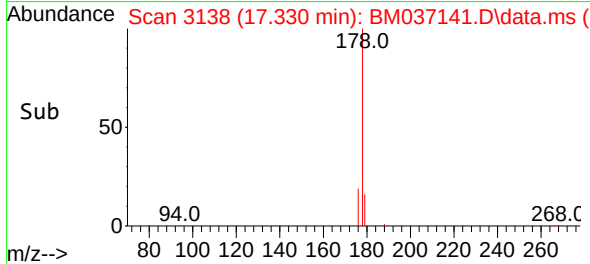
Instrument :
BNA_M
ClientSampleId :
C0BC2



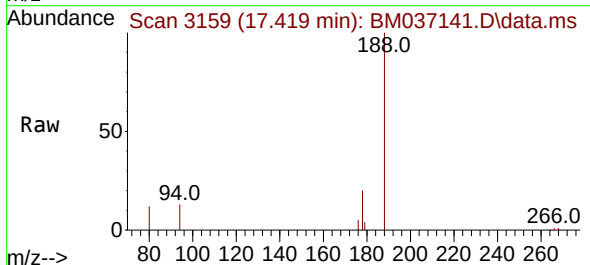
Tgt Ion:178 Resp: 688
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.6
176 20.6 15.6 23.4

Manual Integrations
APPROVED

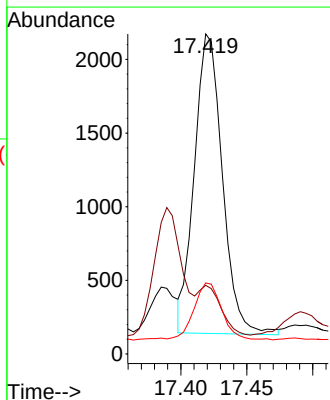
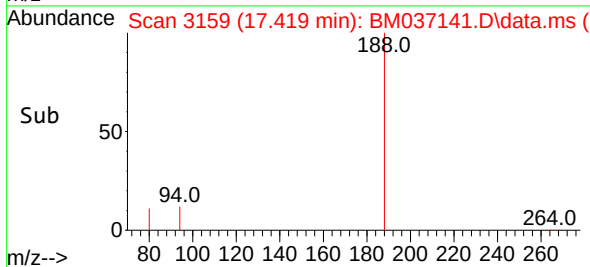
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

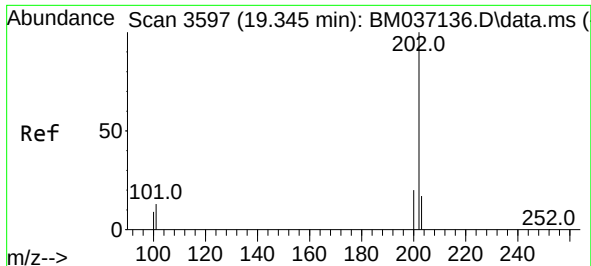


#16
Anthracene
Concen: 0.076 ng/ul
RT: 17.419 min Scan# 3159
Delta R.T. -0.013 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57



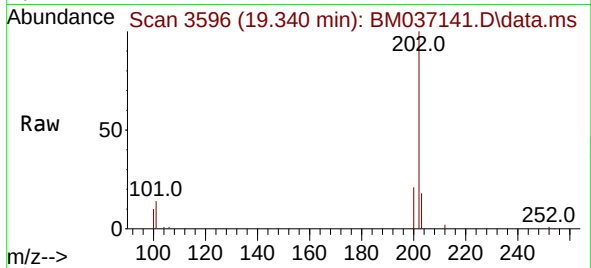
Tgt Ion:178 Resp: 3001
Ion Ratio Lower Upper
178 100
179 21.4 13.6 20.4#
176 22.2 15.6 23.4





#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.340 min Scan# 3597
Delta R.T. -0.009 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

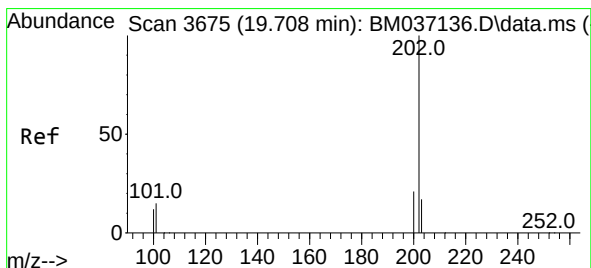
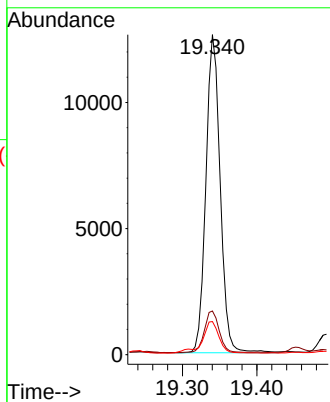
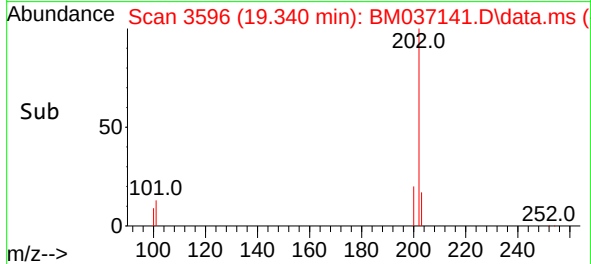
Instrument :
BNA_M
ClientSampleId :
C0BC2



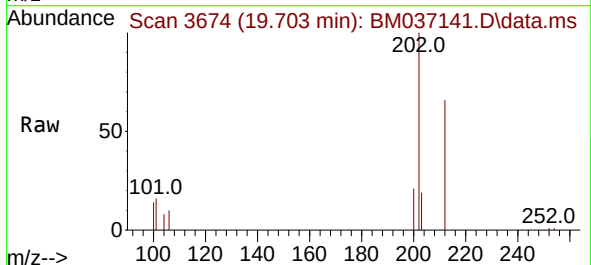
Tgt Ion:202 Resp: 16830
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.3 7.9 11.9

Manual Integrations
APPROVED

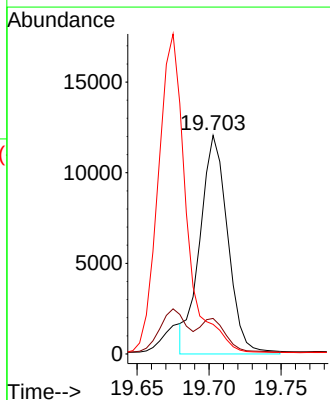
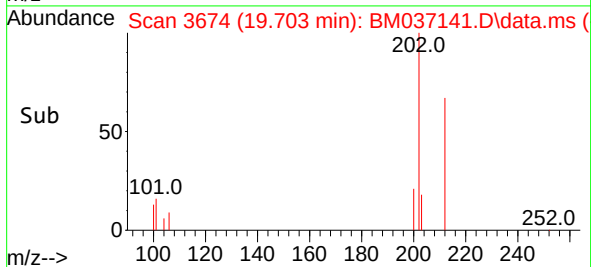
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

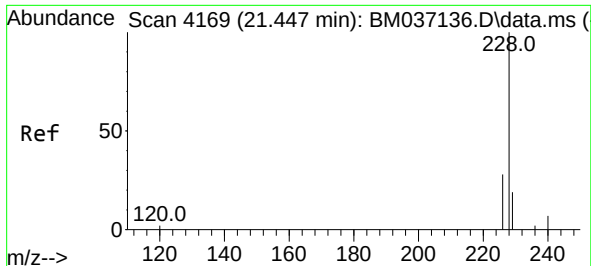


#20
Pyrene
Concen: 0.460 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57



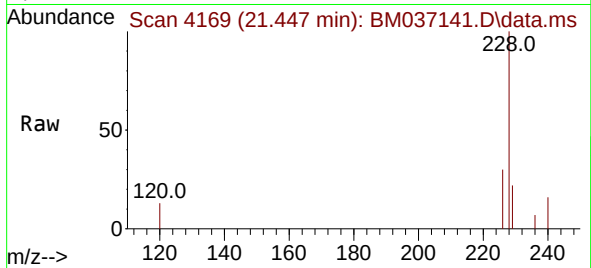
Tgt Ion:202 Resp: 16238
Ion Ratio Lower Upper
202 100
101 16.3 12.0 18.0
100 13.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.208 ng/u1
RT: 21.447 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

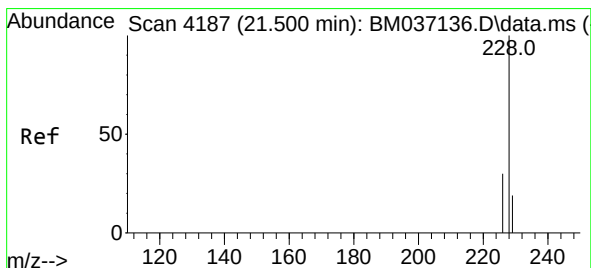
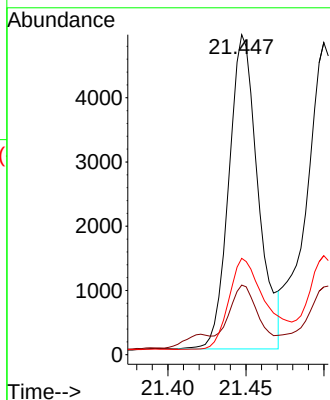
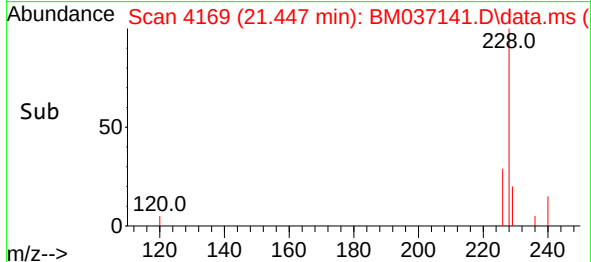
Instrument :
BNA_M
ClientSampleId :
C0BC2



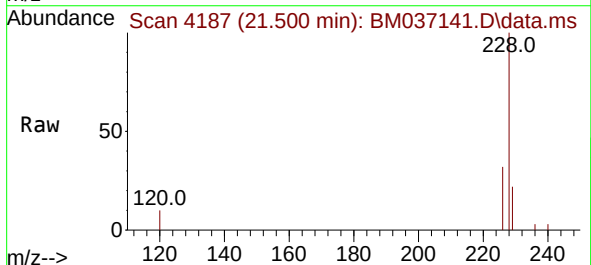
Tgt Ion:228 Resp: 6389
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 30.1 22.5 33.7

Manual Integrations
APPROVED

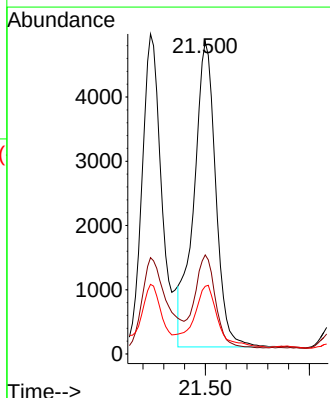
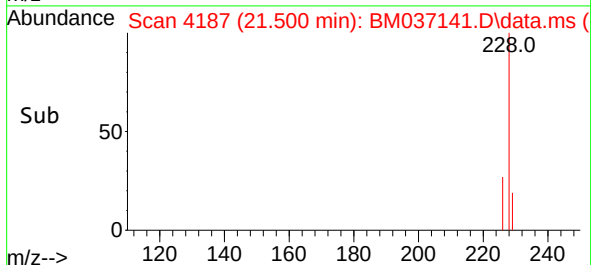
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

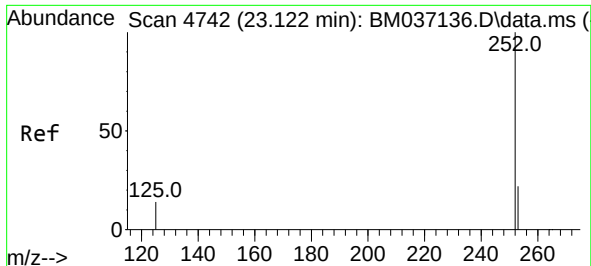


#22
Chrysene
Concen: 0.211 ng/u1
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57



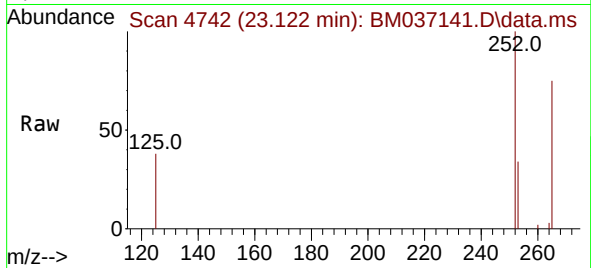
Tgt Ion:228 Resp: 6968
Ion Ratio Lower Upper
228 100
226 31.7 24.6 37.0
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

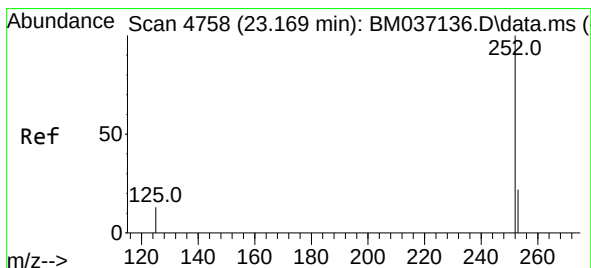
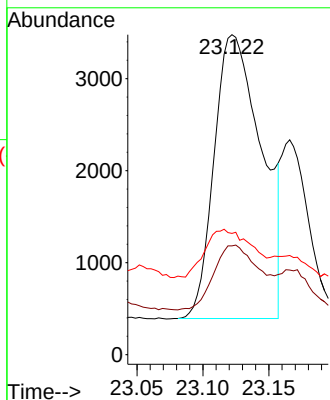
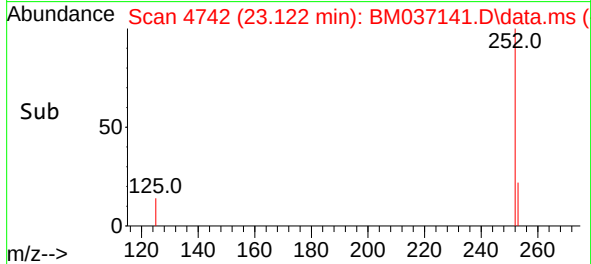
Instrument :
BNA_M
ClientSampleId :
C0BC2



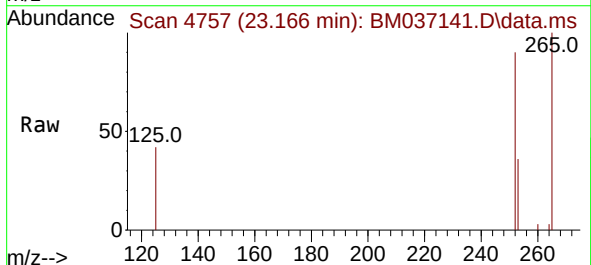
Tgt Ion:252 Resp: 7715
Ion Ratio Lower Upper
252 100
253 34.0 0.0 61.4
125 37.9 0.0 42.6

Manual Integrations
APPROVED

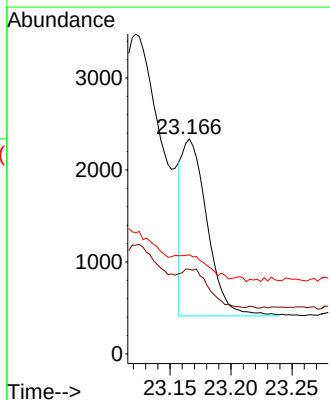
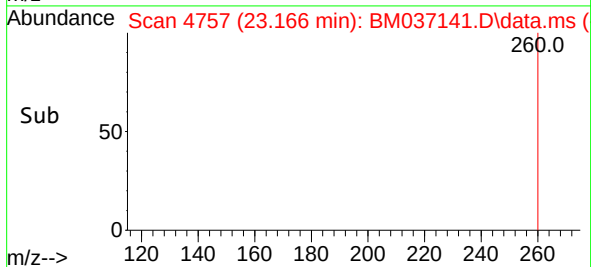
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

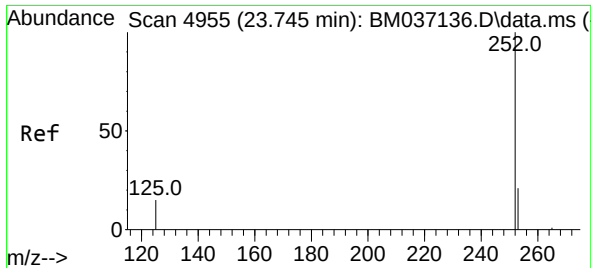


#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57



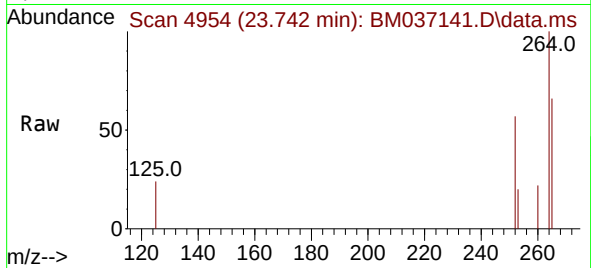
Tgt Ion:252 Resp: 2782
Ion Ratio Lower Upper
252 100
253 39.4 25.2 37.8#
125 46.2 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.742 min Scan# 4955
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

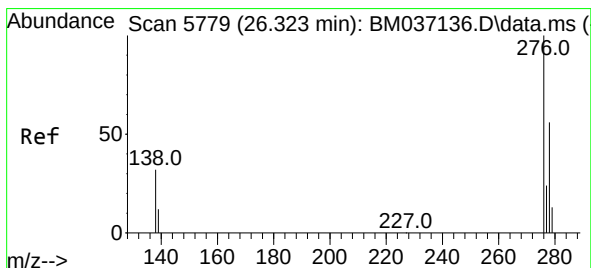
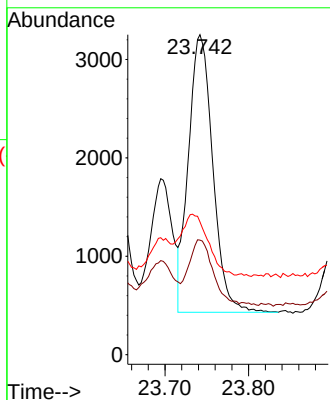
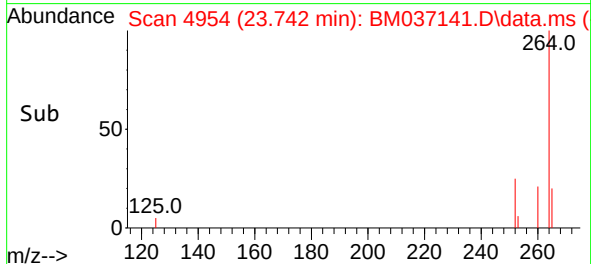
Instrument :
BNA_M
ClientSampleId :
C0BC2



Tgt Ion:252 Resp: 5700
Ion Ratio Lower Upper
252 100
253 35.8 29.7 44.5
125 41.5 23.6 35.4

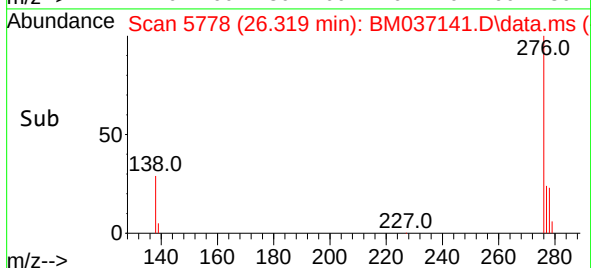
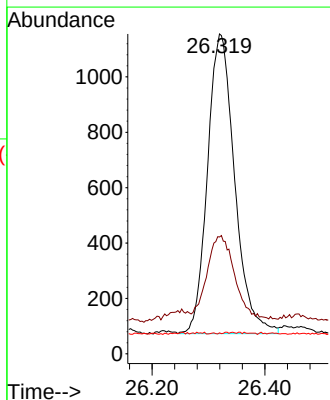
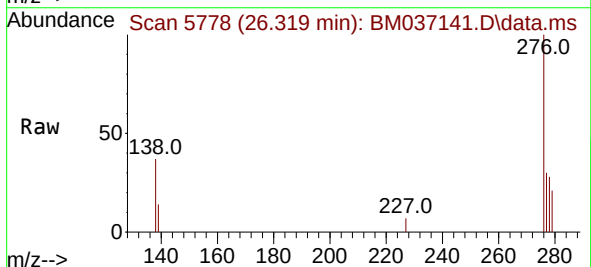
Manual Integrations
APPROVED

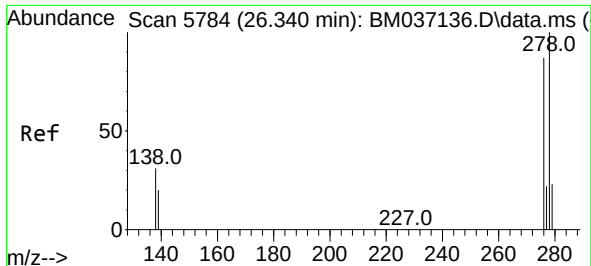
Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

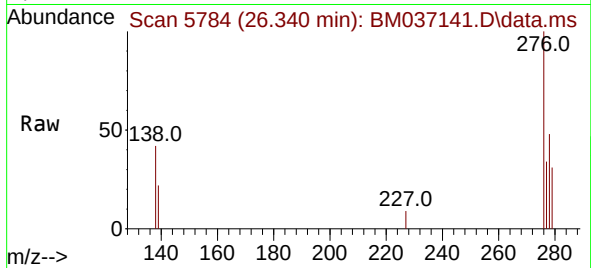
Tgt Ion:276 Resp: 3619
Ion Ratio Lower Upper
276 100
138 28.7 23.9 35.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.340 min Scan# 5784
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57

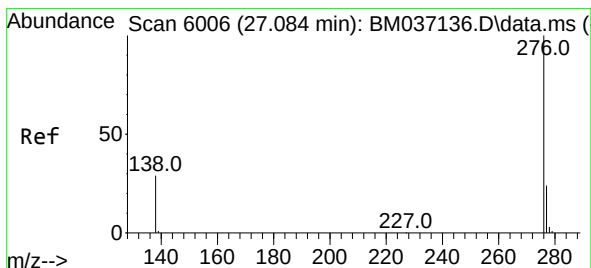
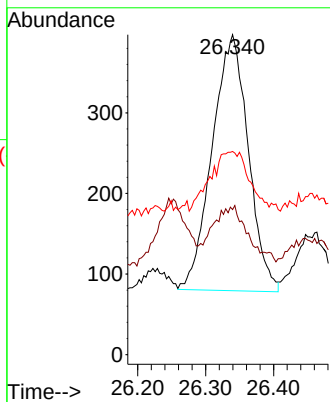
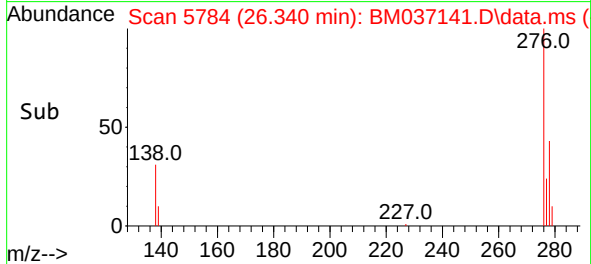
Instrument :
BNA_M
ClientSampleId :
C0BC2



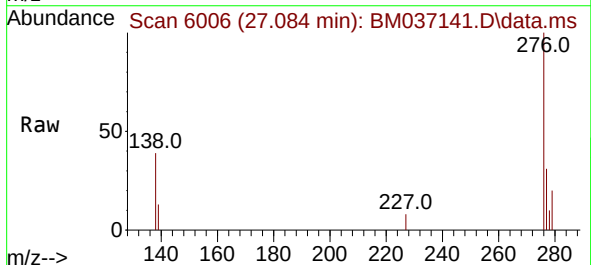
Tgt Ion:278 Resp: 117
Ion Ratio Lower Upper
278 100
139 45.3 19.8 29.6
279 63.5 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM037141.D
Acq: 18 Oct 2022 08:57



Tgt Ion:276 Resp: 3008
Ion Ratio Lower Upper
276 100
138 39.3 23.4 35.0
277 31.4 21.0 31.4

