

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037126.D
 Acq On : 17 Oct 2022 23:34
 Operator : CG/JU
 Sample : N4984-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 00:43:24 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	7.926	152	4078	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	15133	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	7854	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	15111	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	9311	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	8038	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	20671	3.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	4831	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	8341	0.300	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	1145	0.026	ng/ul#	84
10) Acenaphthylene	14.274	152	1892	0.058	ng/ul#	91
11) Acenaphthene	14.612	153	697	0.025	ng/ul	96
12) Fluorene	15.598	166	741	0.023	ng/ul#	94
15) Phenanthrene	17.330	178	11317	0.235	ng/ul	99
16) Anthracene	17.423	178	3723	0.092	ng/ul	95
19) Fluoranthene	19.345	202	32689	0.883	ng/ul	99
20) Pyrene	19.703	202	27999m	0.725	ng/ul	
21) Benzo(a)anthracene	21.447	228	12484	0.371	ng/ul	98
22) Chrysene	21.500	228	10956	0.303	ng/ul	98
24) Benzo(b)fluoranthene	23.122	252	13667	0.381	ng/ul	93
25) Benzo(k)fluoranthene	23.166	252	4995m	0.143	ng/ul	
26) Benzo(a)pyrene	23.739	252	10417	0.358	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.320	276	6006	0.146	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.336	278	1584	0.047	ng/ul#	58
29) Benzo(g,h,i)perylene	27.084	276	4543	0.125	ng/ul#	91

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

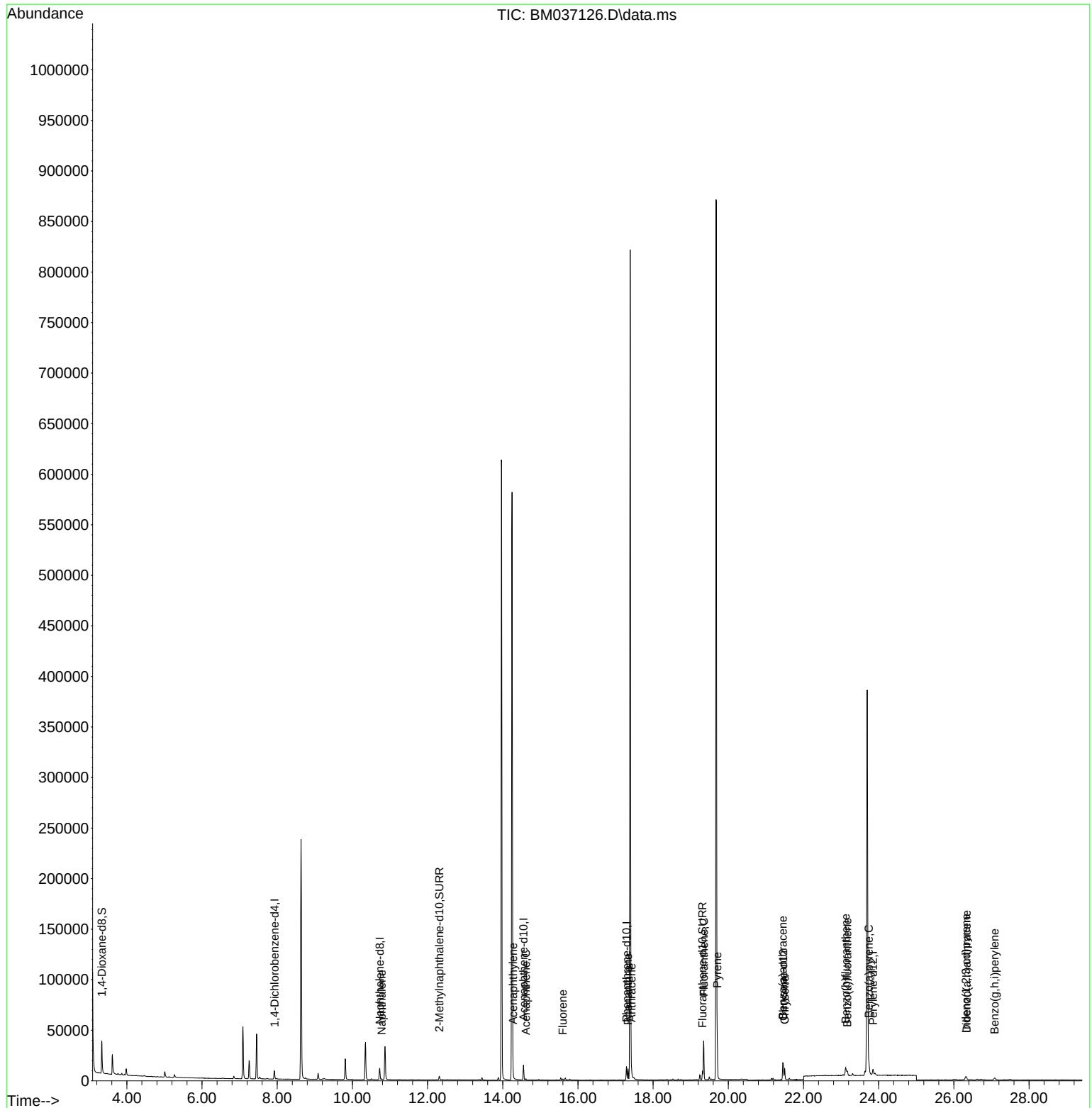
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037126.D
Acq On : 17 Oct 2022 23:34
Operator : CG/JU
Sample : N4984-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

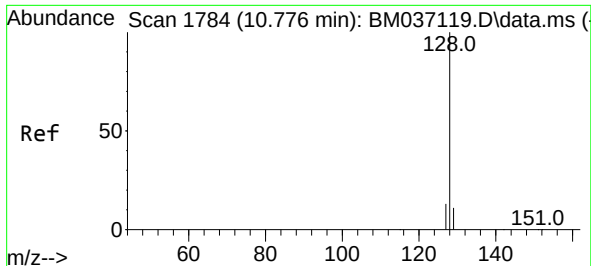
Instrument :
BNA_M
ClientSampleId :
BGNB9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

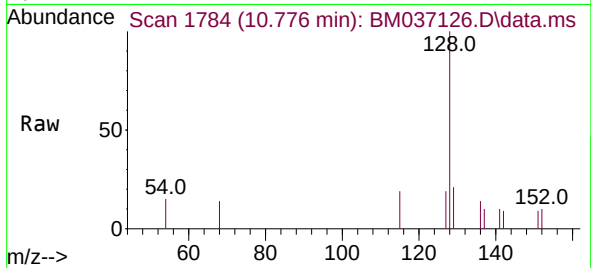
Quant Time: Oct 18 00:43:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

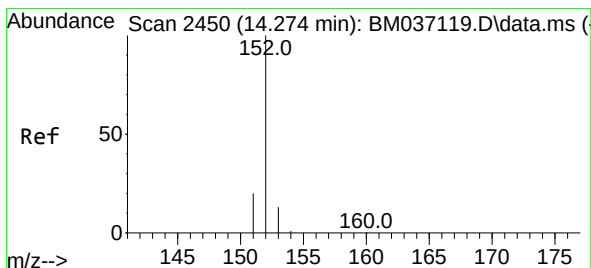
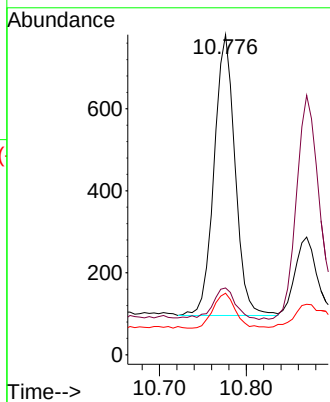
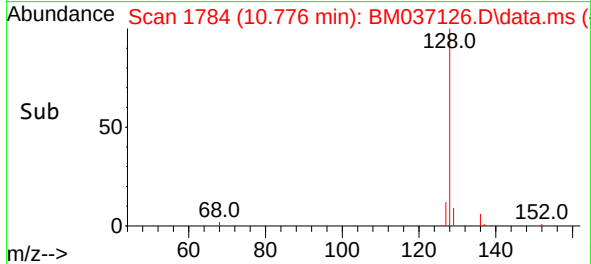
Instrument :
BNA_M
ClientSampleId :
BGNB9



Tgt Ion:128 Resp: 1145
Ion Ratio Lower Upper
128 100
129 20.9 10.2 15.2
127 19.2 11.7 17.5

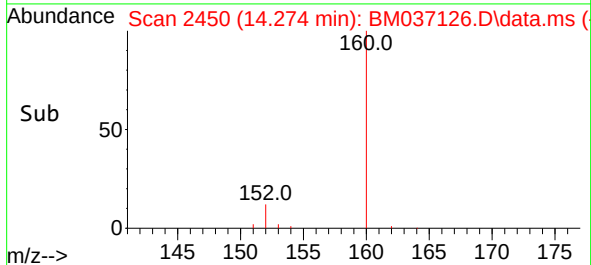
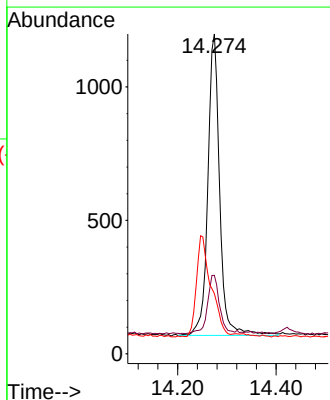
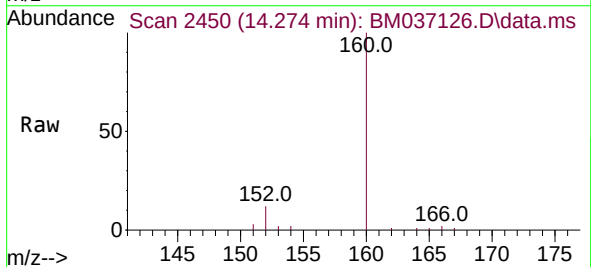
Manual Integrations
APPROVED

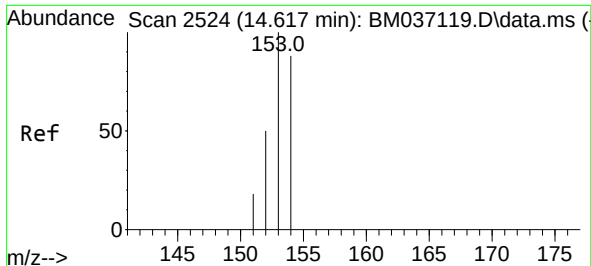
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

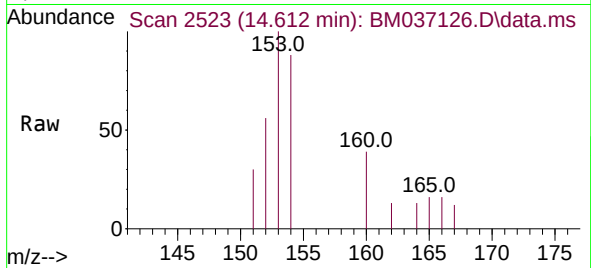
Tgt Ion:152 Resp: 1892
Ion Ratio Lower Upper
152 100
151 24.5 16.6 24.8
153 18.8 11.4 17.0#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.612 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

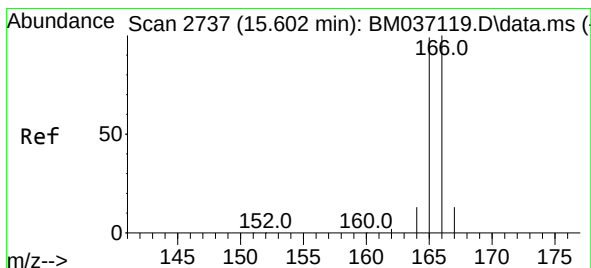
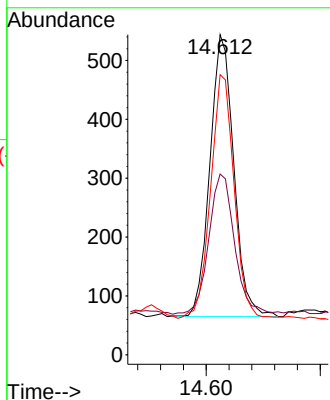
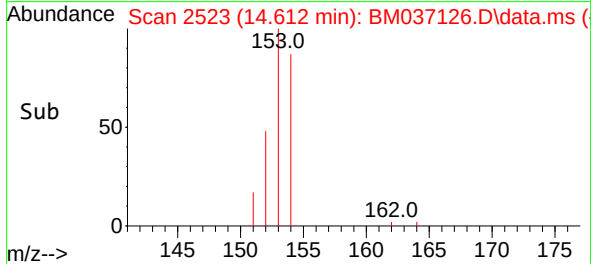
Instrument :
BNA_M
ClientSampleId :
BGNB9



Tgt Ion:153 Resp: 697
Ion Ratio Lower Upper
153 100
152 56.4 40.2 60.4
154 87.5 69.7 104.5

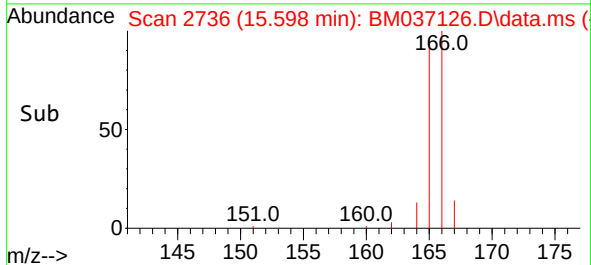
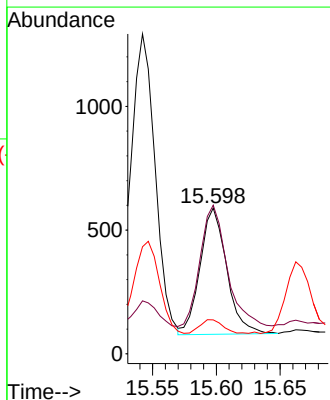
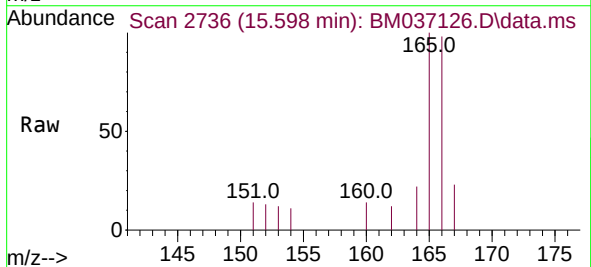
Manual Integrations
APPROVED

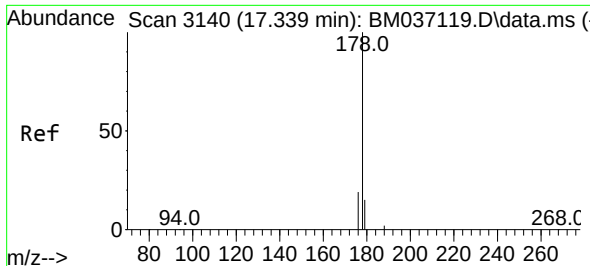
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

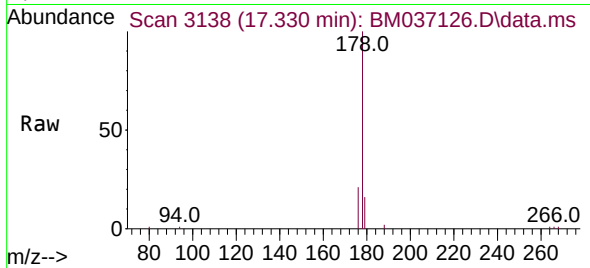
Tgt Ion:166 Resp: 741
Ion Ratio Lower Upper
166 100
165 102.0 78.9 118.3
167 23.3 11.3 16.9#





#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 17.330 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

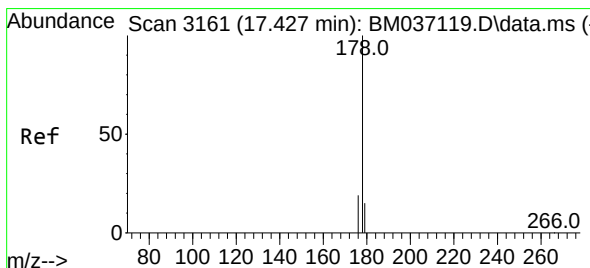
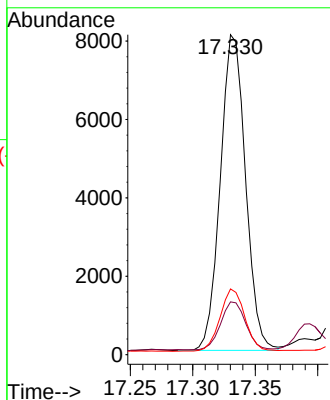
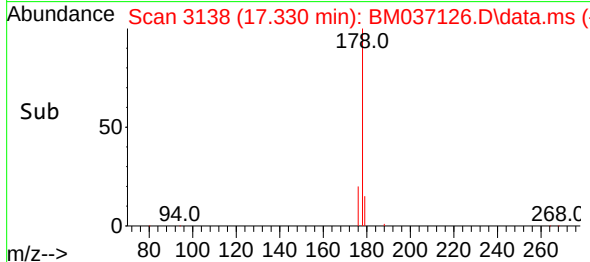
Instrument :
BNA_M
ClientSampleId :
BGNB9



Tgt Ion:178 Resp: 11317
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.5 15.6 23.4

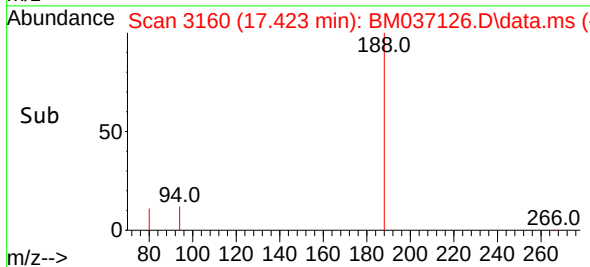
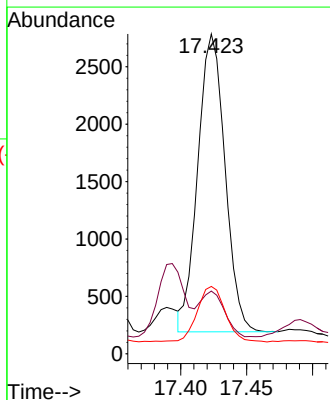
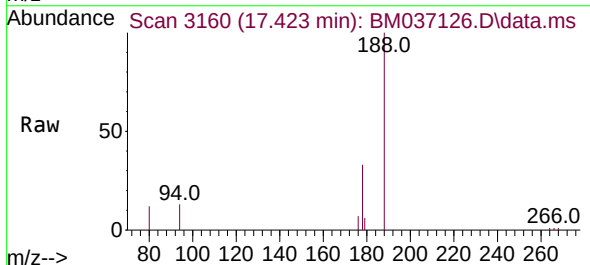
Manual Integrations
APPROVED

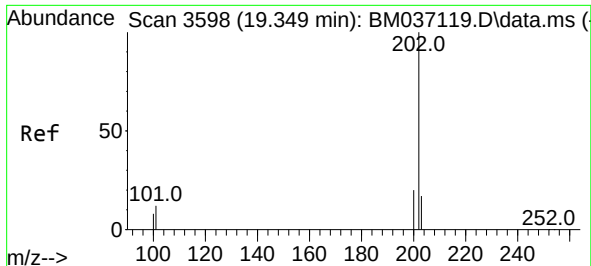
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.423 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

Tgt Ion:178 Resp: 3723
Ion Ratio Lower Upper
178 100
179 19.6 13.6 20.4
176 21.1 15.6 23.4





#19

Fluoranthene

Concen: 0.883 ng/ul

RT: 19.345 min Scan# 3598

Delta R.T. -0.005 min

Lab File: BM037126.D

Acq: 17 Oct 2022 23:34

Instrument :

BNA_M

ClientSampleId :

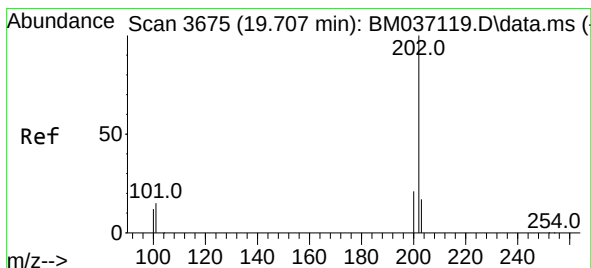
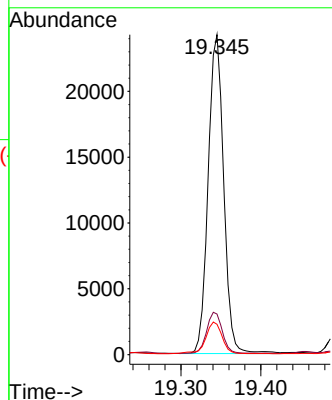
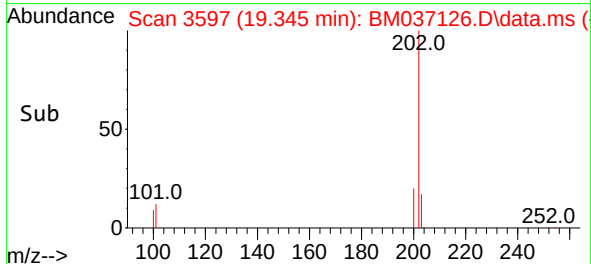
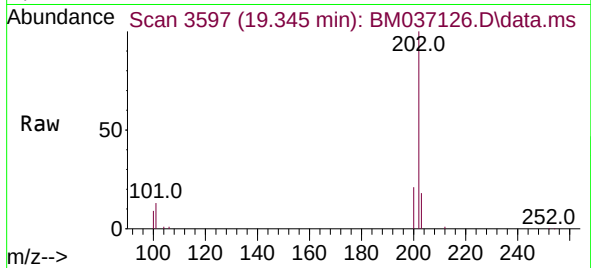
BGNB9

Tgt Ion:	202	Resp:	32689
Ion Ratio	Lower	Upper	
202	100		
101	12.7	10.1	15.1
100	9.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#20

Pyrene

Concen: 0.725 ng/ul m

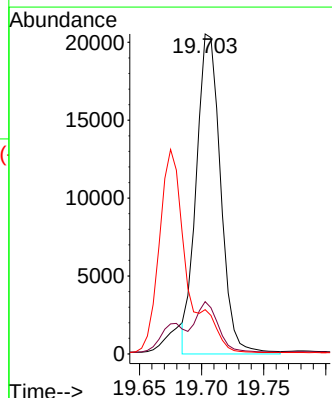
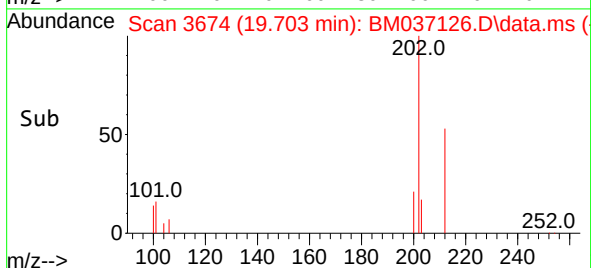
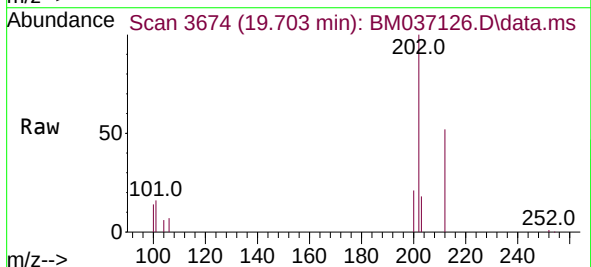
RT: 19.703 min Scan# 3674

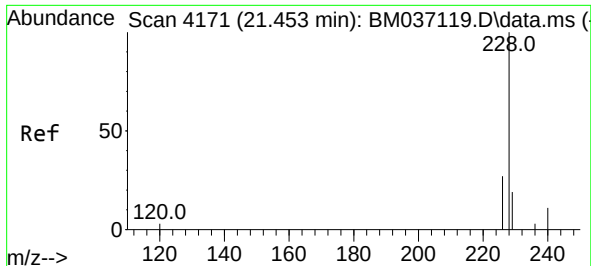
Delta R.T. -0.004 min

Lab File: BM037126.D

Acq: 17 Oct 2022 23:34

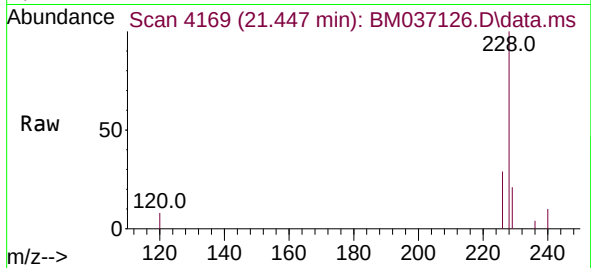
Tgt Ion:	202	Resp:	27999
Ion Ratio	Lower	Upper	
202	100		
101	16.3	12.0	18.0
100	13.8	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

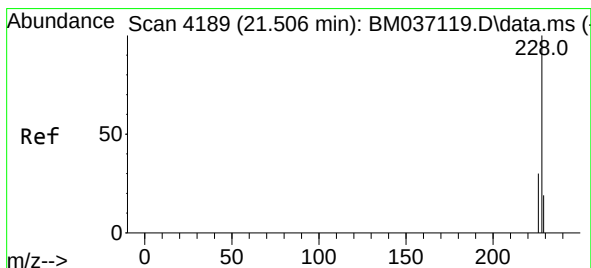
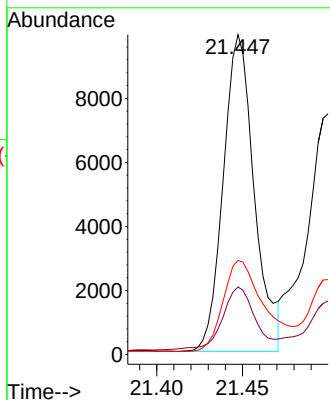
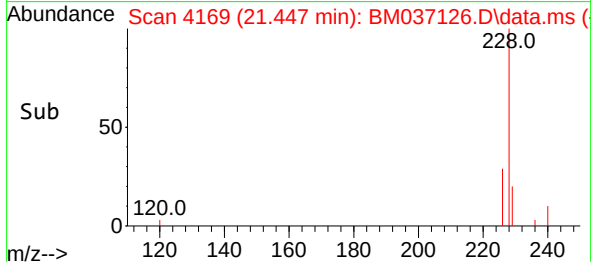
Instrument :
BNA_M
ClientSampleId :
BGNB9



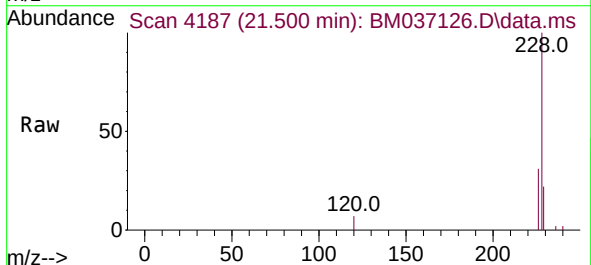
Tgt Ion:228 Resp: 12484
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 29.4 22.5 33.7

Manual Integrations
APPROVED

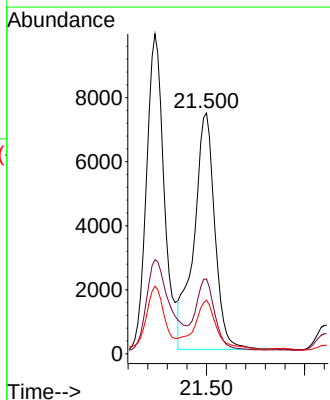
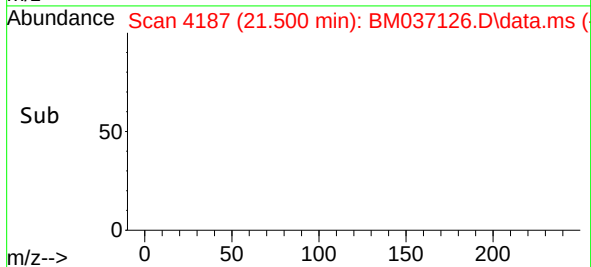
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

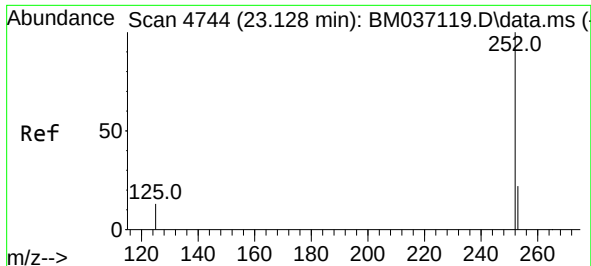


#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34



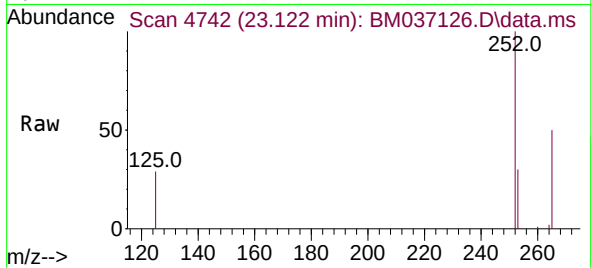
Tgt Ion:228 Resp: 10956
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. 0.000 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

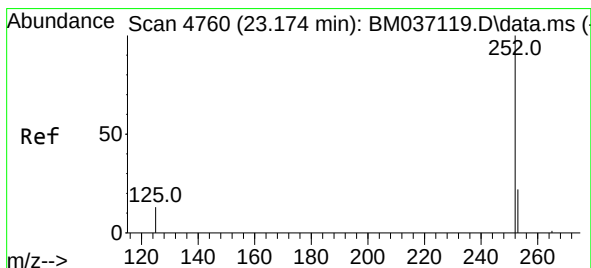
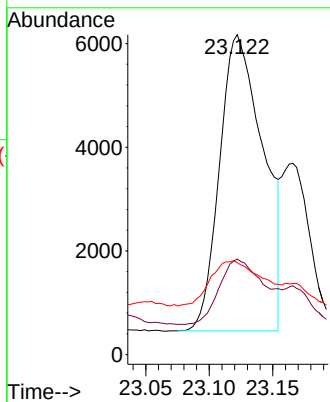
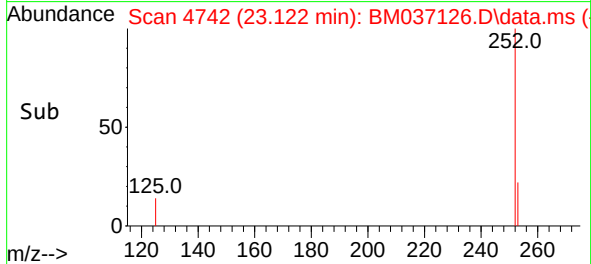
Instrument :
BNA_M
ClientSampleId :
BGNB9



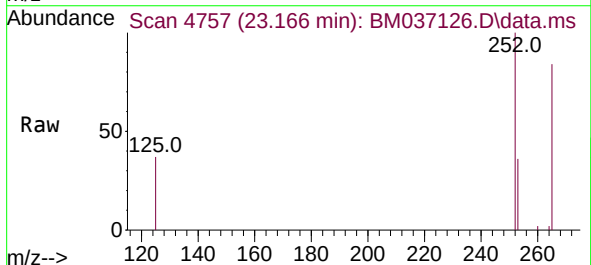
Tgt Ion:252 Resp: 1366
Ion Ratio Lower Upper
252 100
253 29.9 0.0 61.4
125 28.7 0.0 42.6

Manual Integrations
APPROVED

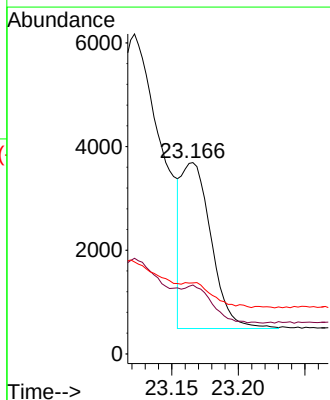
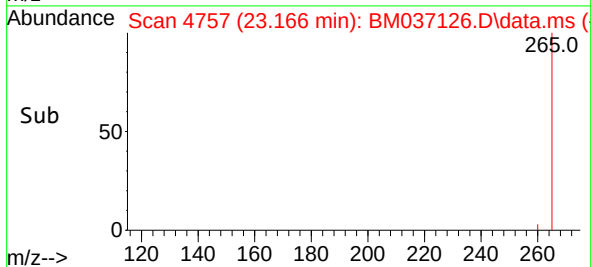
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

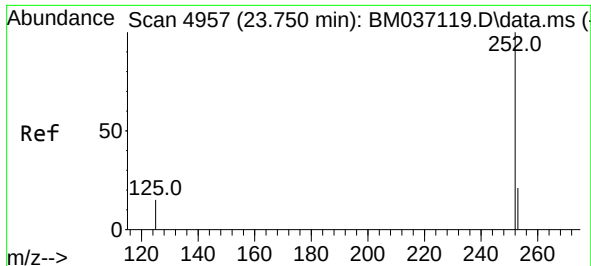


#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34



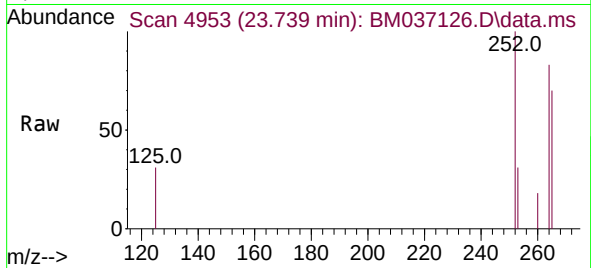
Tgt Ion:252 Resp: 4995
Ion Ratio Lower Upper
252 100
253 36.0 25.2 37.8
125 37.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.006 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

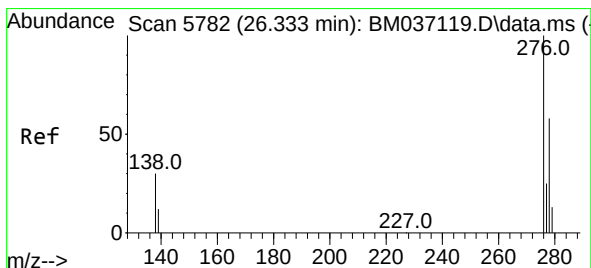
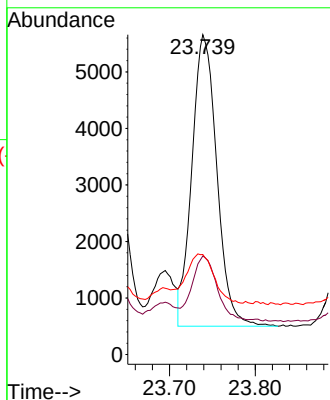
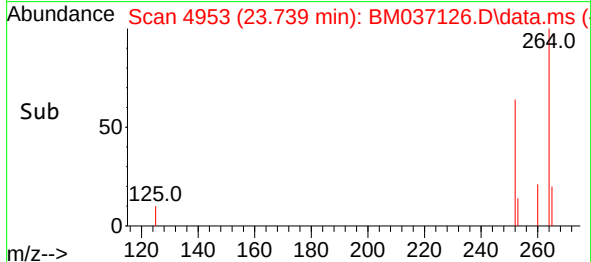
Instrument :
BNA_M
ClientSampleId :
BGNB9



Tgt Ion:252 Resp: 1041
Ion Ratio Lower Upper
252 100
253 30.8 29.7 44.5
125 31.3 23.6 35.4

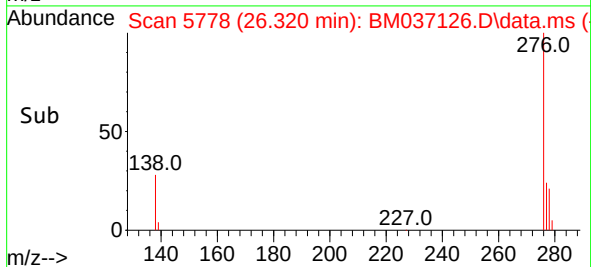
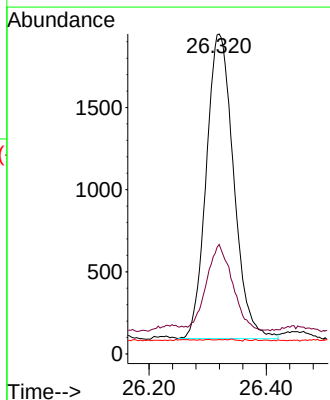
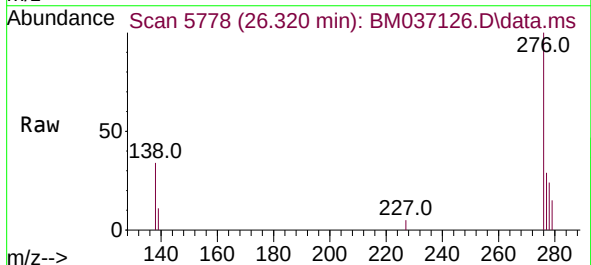
Manual Integrations
APPROVED

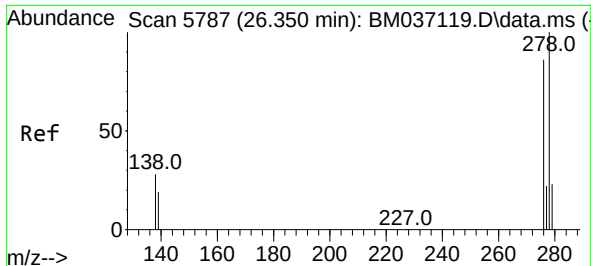
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

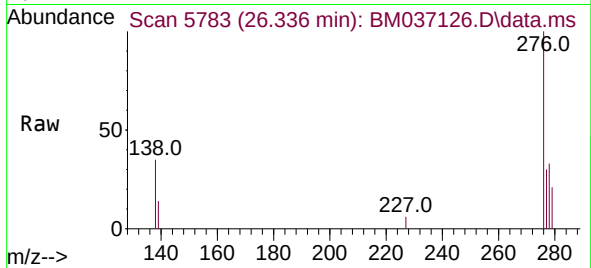
Tgt Ion:276 Resp: 6006
Ion Ratio Lower Upper
276 100
138 27.2 23.9 35.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.336 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

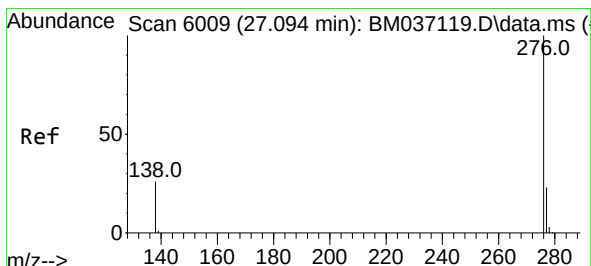
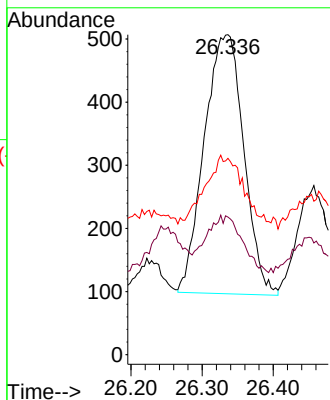
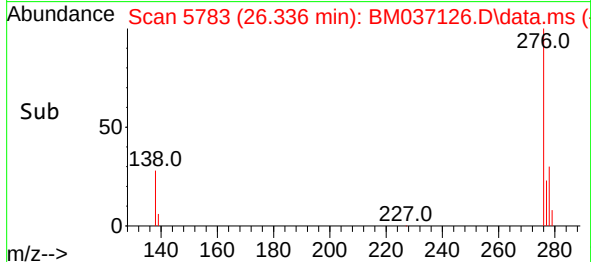
Instrument :
BNA_M
ClientSampleId :
BGNB9



Tgt Ion:278 Resp: 1584
Ion Ratio Lower Upper
278 100
139 43.0 19.8 29.6
279 61.3 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#29
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM037126.D
Acq: 17 Oct 2022 23:34

Tgt Ion:276 Resp: 4543
Ion Ratio Lower Upper
276 100
138 35.4 23.4 35.0
277 28.9 21.0 31.4

