

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043081.D
 Acq On : 28 Nov 2023 20:45
 Operator : MA/JU
 Sample : 05416-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 23:39:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	839m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2076	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1149m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.208	188	2306	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	1753	0.400	ng/ul	-0.02
23) Perylene-d12	23.750	264	1757m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1799	1.397	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	542	0.195	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1226	0.192	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	597	0.106	ng/ul#	84
7) 2-Methylnaphthalene	12.294	142	471	0.142	ng/ul	92
8) 1-Methylnaphthalene	12.503	142	326	0.088	ng/ul	98
10) Acenaphthylene	14.182	152	540	0.092	ng/ul#	80
11) Acenaphthene	14.515	153	98	0.022	ng/ul#	88
12) Fluorene	15.505	166	320	0.070	ng/ul#	93
15) Phenanthrene	17.250	178	4060	0.617	ng/ul	97
16) Anthracene	17.343	178	1030m	0.165	ng/ul	
19) Fluoranthene	19.266	202	14466	1.456	ng/ul#	94
20) Pyrene	19.633	202	12942	1.225	ng/ul#	94
21) Benzo(a)anthracene	21.386	228	6022	1.059	ng/ul	98
22) Chrysene	21.438	228	5414	0.511	ng/ul	97
24) Benzo(b)fluoranthene	23.022	252	9331	1.574	ng/ul	90
25) Benzo(k)fluoranthene	23.069	252	3905m	0.478	ng/ul	
26) Benzo(a)pyrene	23.636	252	5255	0.812	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.199	276	4208	0.481	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	909	0.134	ng/ul#	74
29) Benzo(g,h,i)perylene	26.963	276	4087	0.480	ng/ul	99

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

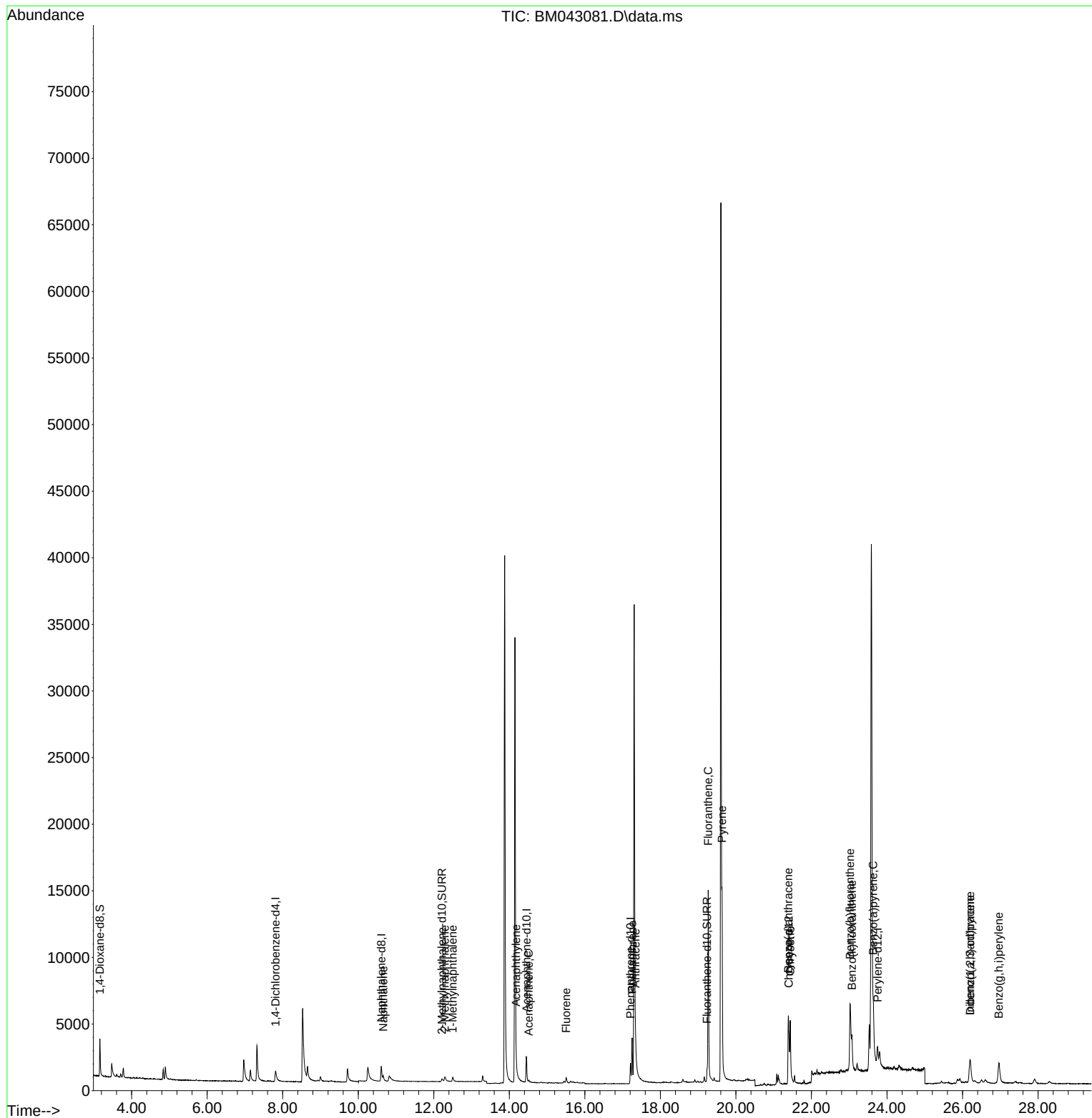
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043081.D
Acq On : 28 Nov 2023 20:45
Operator : MA/JU
Sample : 05416-14
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ALS Vial : 12 Sample Multiplier: 1

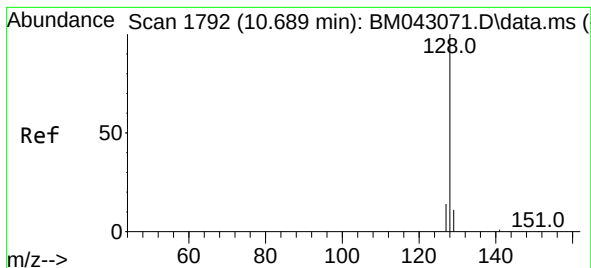
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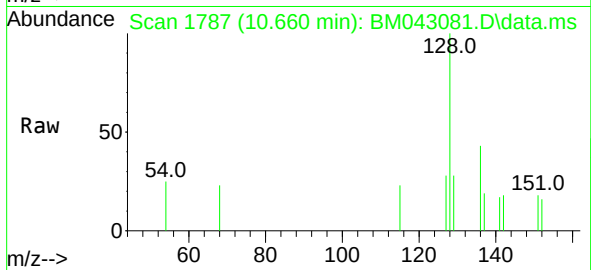
Quant Time: Nov 28 23:39:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.106 ng/ul
RT: 10.660 min Scan# 1792
Delta R.T. -0.038 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

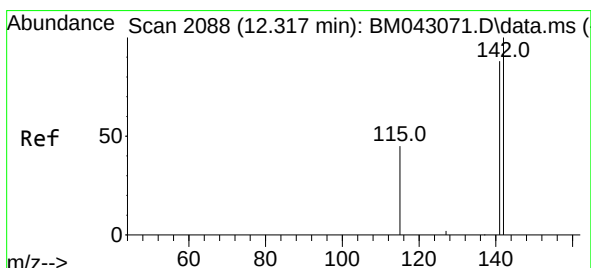
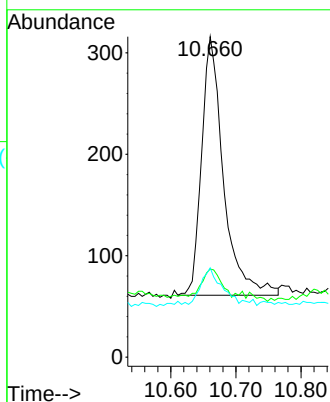
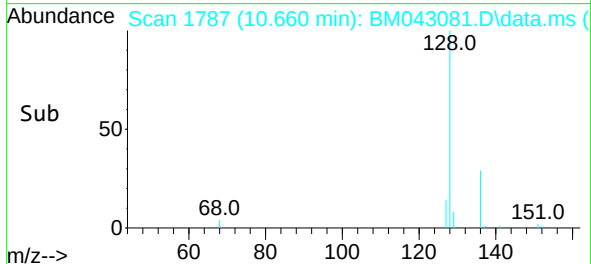
Instrument :
BNA_M
ClientSampleId :
C0AG7



Tgt Ion:128 Resp: 597
Ion Ratio Lower Upper
128 100
129 27.5 16.0 24.0
127 27.8 16.5 24.7

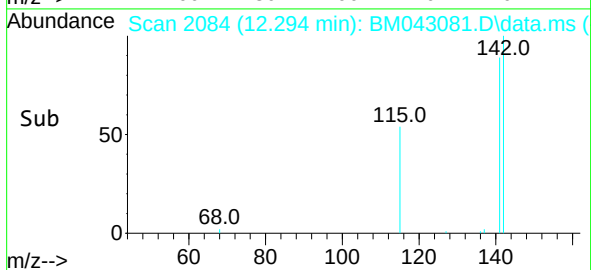
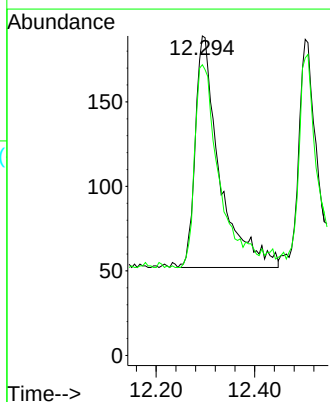
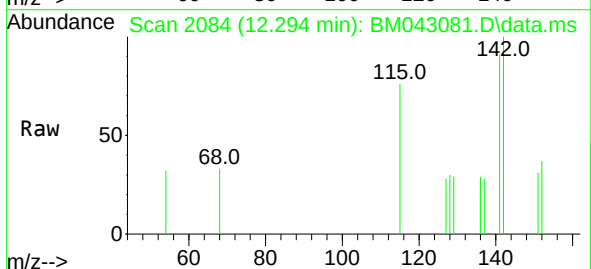
Manual Integrations
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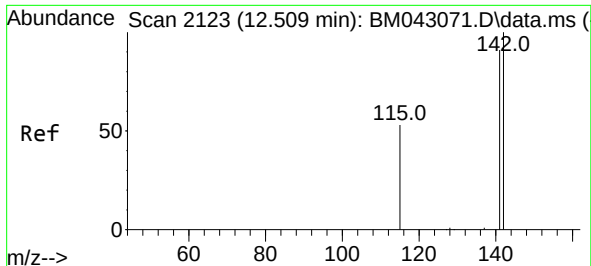
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.142 ng/ul
RT: 12.294 min Scan# 2084
Delta R.T. -0.038 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

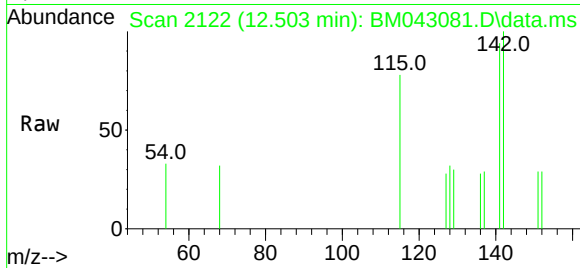
Tgt Ion:142 Resp: 471
Ion Ratio Lower Upper
142 100
141 87.7 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.088 ng/u1
RT: 12.503 min Scan# 2123
Delta R.T. -0.016 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

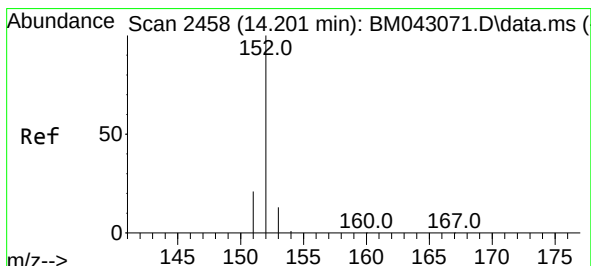
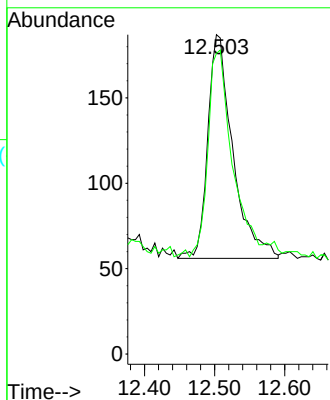
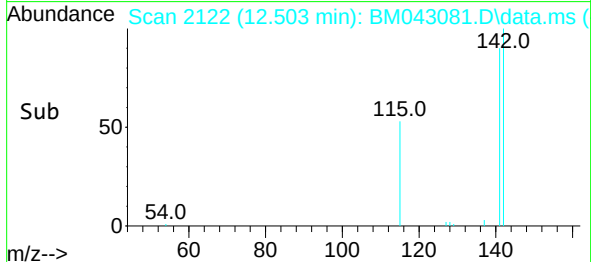
Instrument :
BNA_M
ClientSampleId :
C0AG7



Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
141 90.2 73.8 110.8

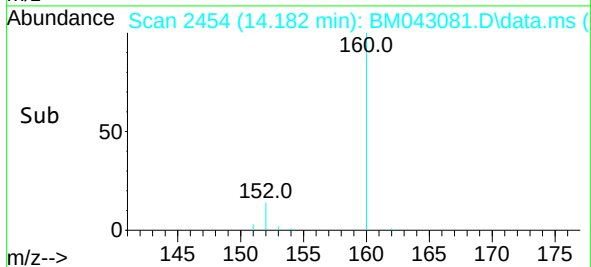
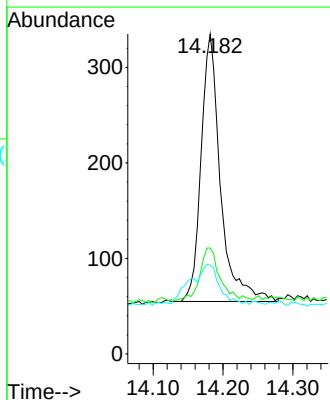
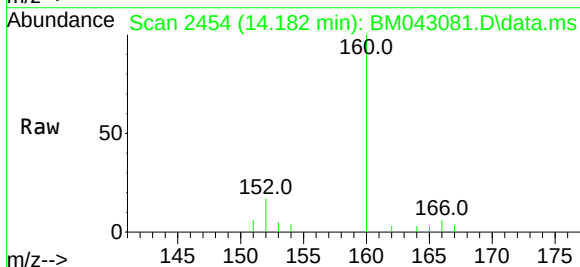
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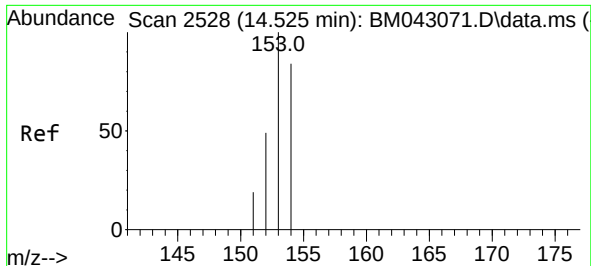
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.092 ng/u1
RT: 14.182 min Scan# 2454
Delta R.T. -0.023 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

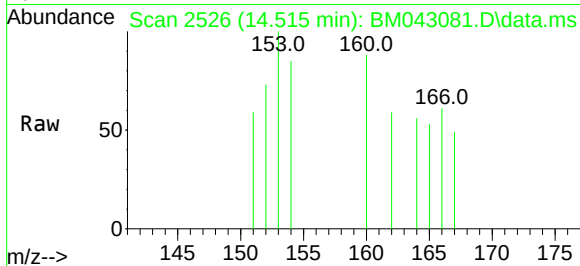
Tgt Ion:152 Resp: 540
Ion Ratio Lower Upper
152 100
151 33.1 19.4 29.0#
153 27.8 14.6 21.8#





#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.515 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

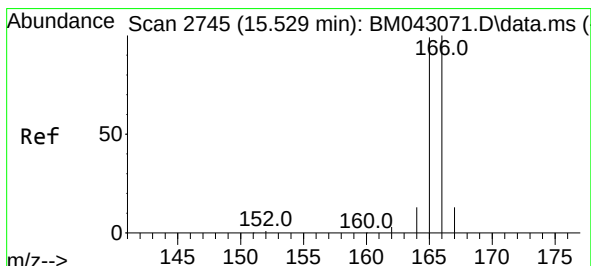
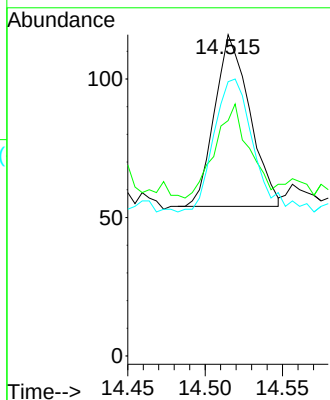
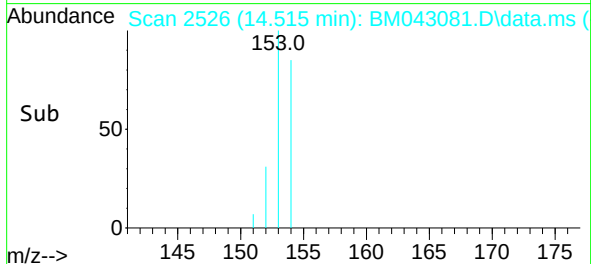
Instrument :
BNA_M
ClientSampleId :
C0AG7



Tgt Ion:153 Resp: 98
Ion Ratio Lower Upper
153 100
152 73.3 43.9 65.9
154 85.3 70.6 105.8

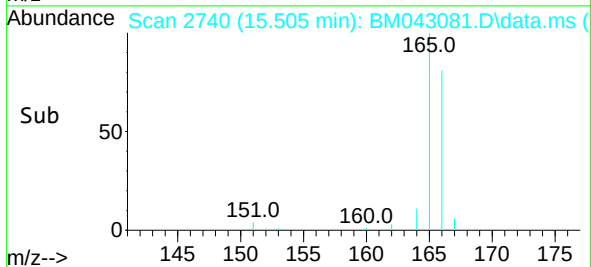
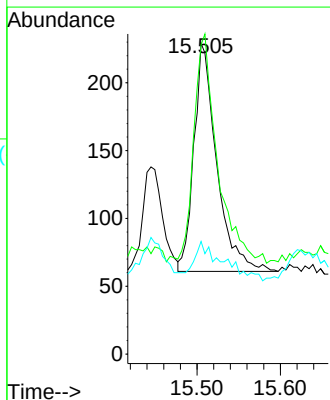
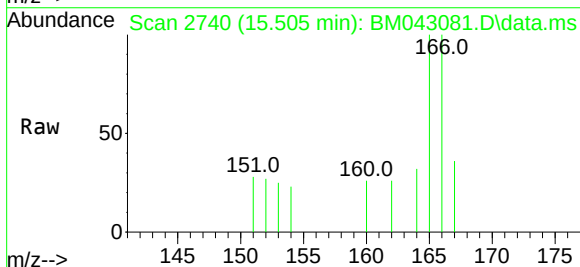
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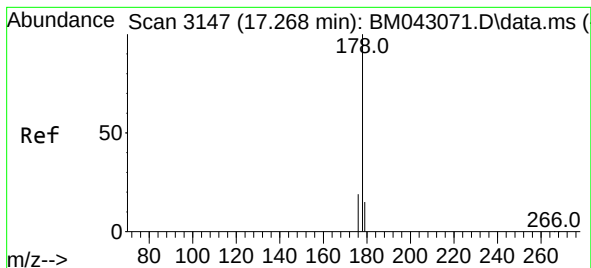
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
Fluorene
Concen: 0.070 ng/u1
RT: 15.505 min Scan# 2740
Delta R.T. -0.032 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

Tgt Ion:166 Resp: 320
Ion Ratio Lower Upper
166 100
165 99.6 79.9 119.9
167 36.2 14.2 21.4





#15

Phenanthrene

Concen: 0.617 ng/ul

RT: 17.250 min Scan# 3143

Delta R.T. -0.029 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

Instrument :

BNA_M

ClientSampleId :

C0AG7

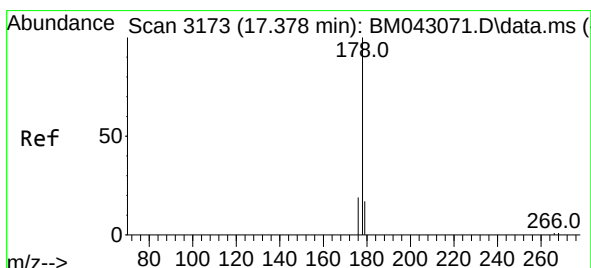
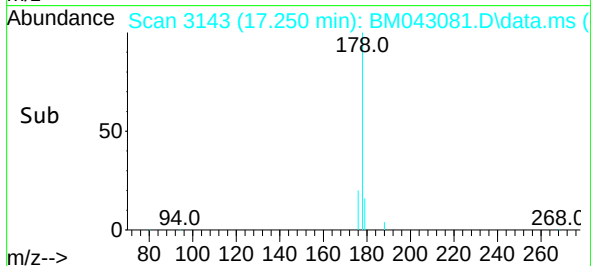
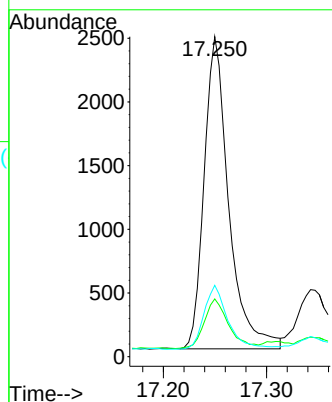
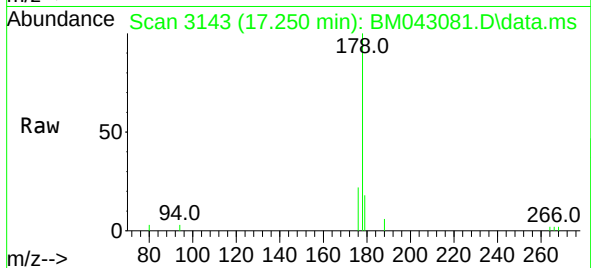
Tgt Ion:	178	Resp:	4060
Ion Ratio	Lower	Upper	
178	100		
179	18.1	15.7	23.5
176	22.3	18.9	28.3

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Supervised By :mohammad ahmed 11/29/2023



#16

Anthracene

Concen: 0.165 ng/ul m

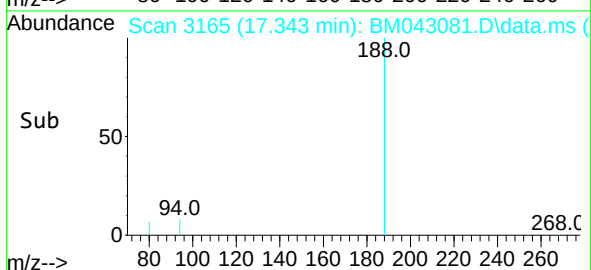
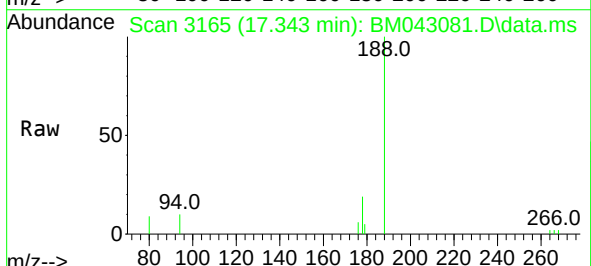
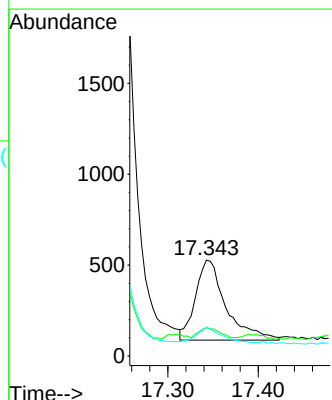
RT: 17.343 min Scan# 3165

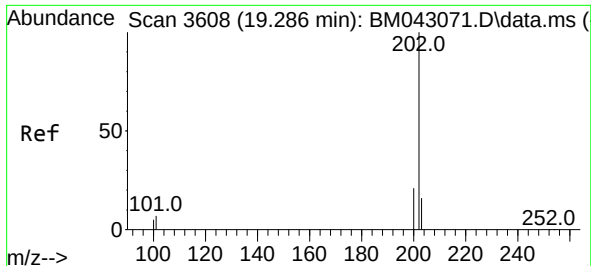
Delta R.T. -0.050 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

Tgt Ion:	178	Resp:	1030
Ion Ratio	Lower	Upper	
178	100		
179	29.2	17.3	25.9#
176	30.2	20.5	30.7





#19

Fluoranthene

Concen: 1.456 ng/ul

RT: 19.266 min Scan# 3604

Delta R.T. -0.028 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

Instrument :

BNA_M

ClientSampleId :

C0AG7

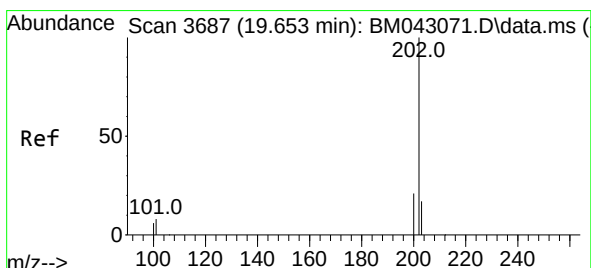
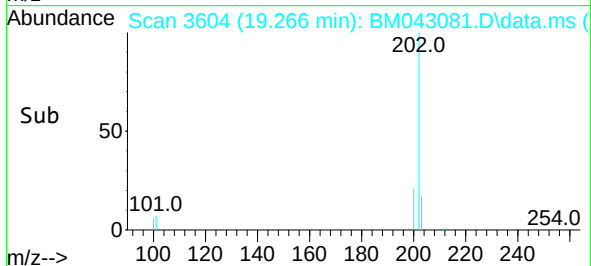
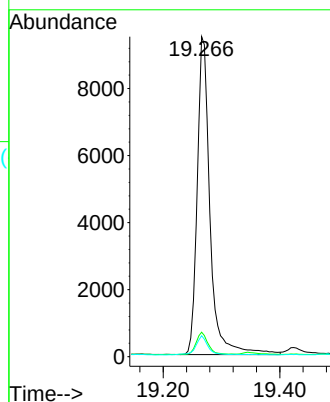
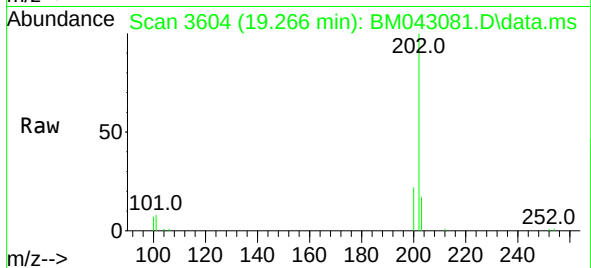
Tgt Ion:202 Resp: 14460
 Ion Ratio Lower Upper
 202 100
 101 7.7 7.8 11.8#
 100 6.6 7.1 10.7#

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Supervised By :mohammad ahmed 11/29/2023



#20

Pyrene

Concen: 1.225 ng/ul

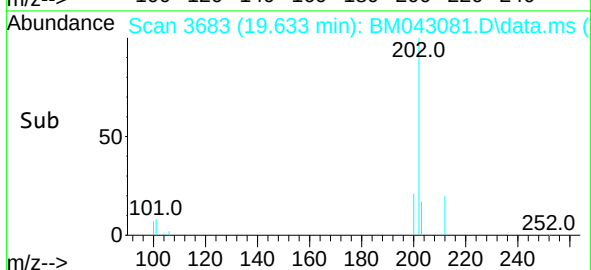
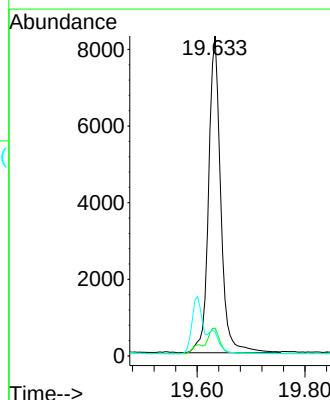
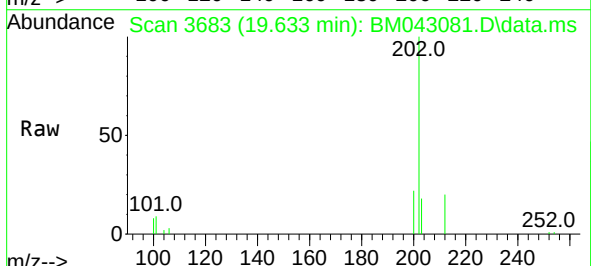
RT: 19.633 min Scan# 3683

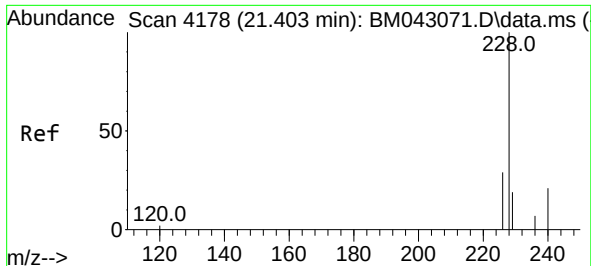
Delta R.T. -0.028 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

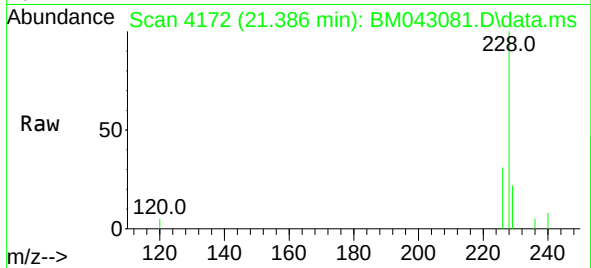
Tgt Ion:202 Resp: 12942
 Ion Ratio Lower Upper
 202 100
 101 8.6 8.7 13.1#
 100 7.6 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 1.059 ng/ul
RT: 21.386 min Scan# 4178
Delta R.T. -0.026 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

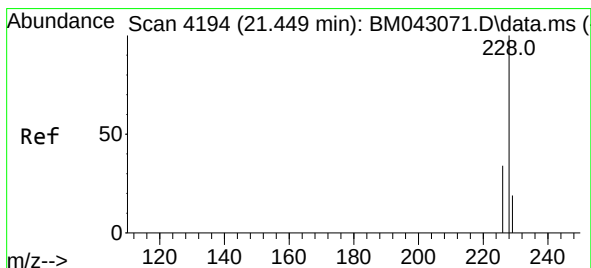
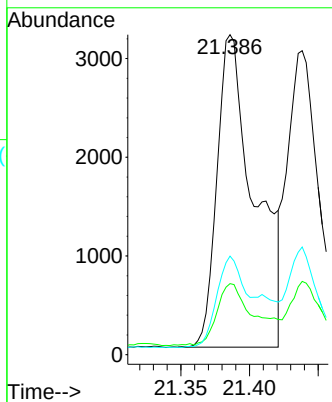
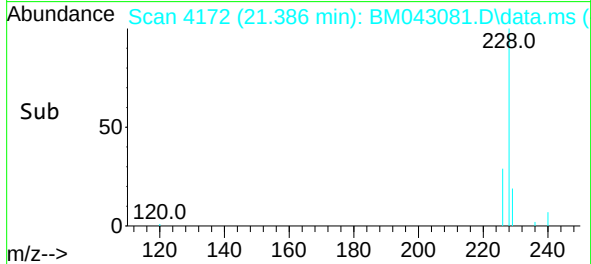
Instrument :
BNA_M
ClientSampleId :
C0AG7



Tgt Ion:228 Resp: 602
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.0
226 30.8 24.9 37.3

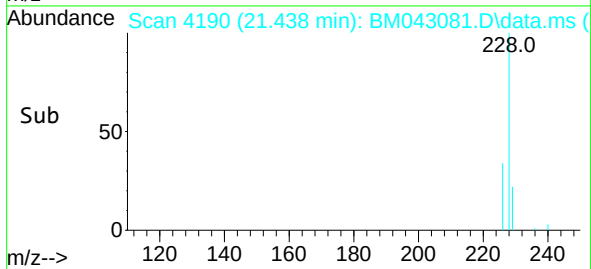
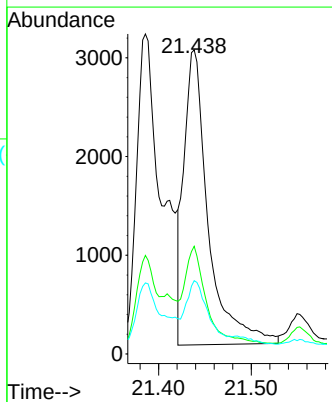
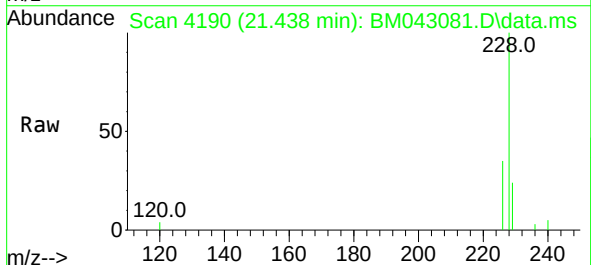
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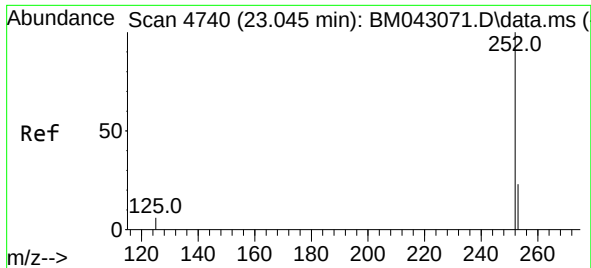
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.511 ng/ul
RT: 21.438 min Scan# 4190
Delta R.T. -0.020 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

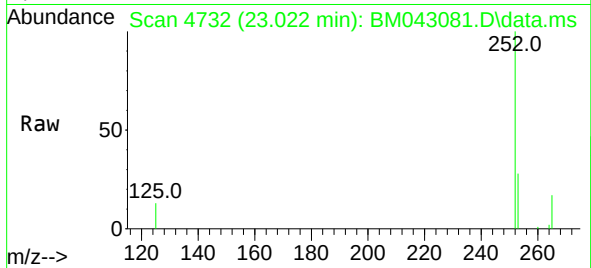
Tgt Ion:228 Resp: 5414
Ion Ratio Lower Upper
228 100
226 35.4 27.2 40.8
229 24.1 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 1.574 ng/ul
RT: 23.022 min Scan# 4732
Delta R.T. -0.029 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

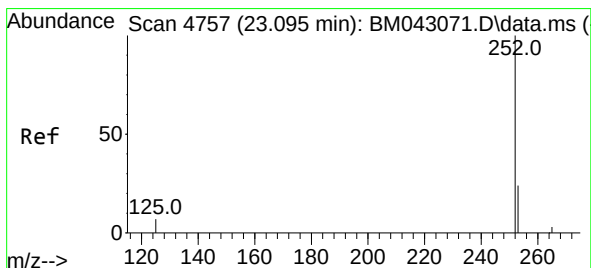
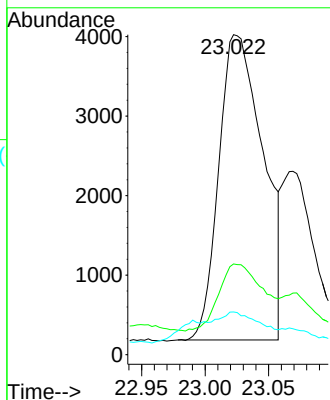
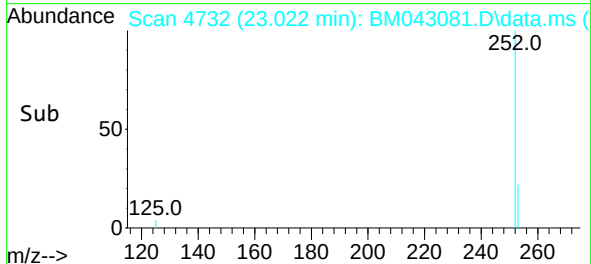
Instrument :
BNA_M
ClientSampleId :
C0AG7



Tgt Ion:252 Resp: 933
Ion Ratio Lower Upper
252 100
253 28.3 0.0 71.8
125 13.4 0.0 29.0

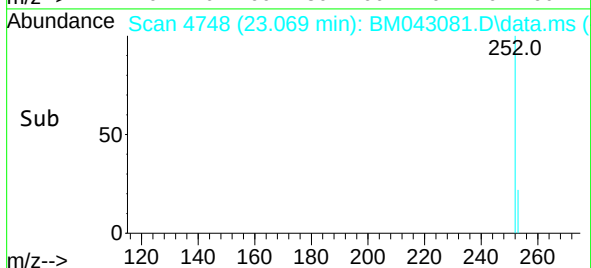
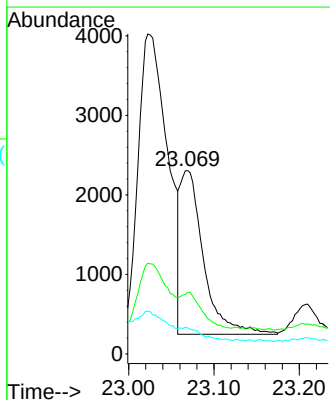
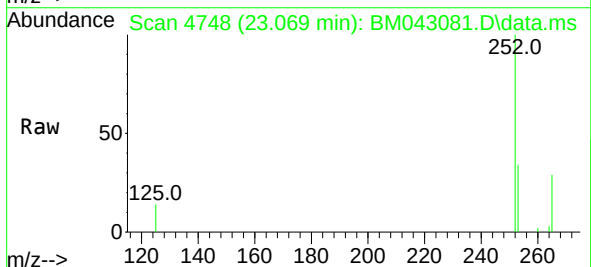
Manual Integrations
APPROVED

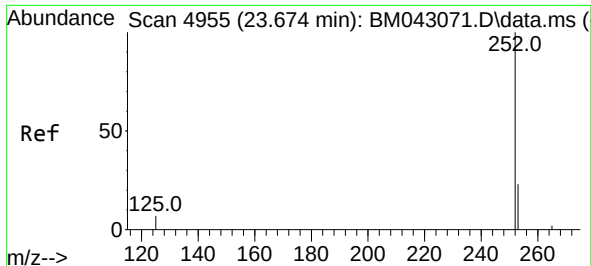
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.029 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

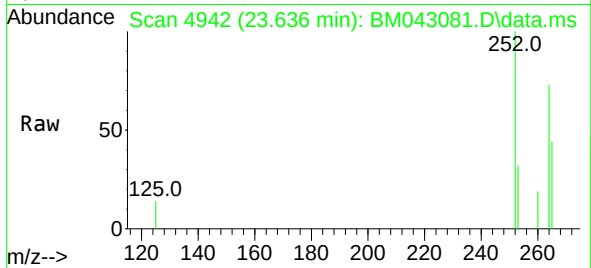
Tgt Ion:252 Resp: 3905
Ion Ratio Lower Upper
252 100
253 33.6 28.2 42.2
125 14.1 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.812 ng/ul
RT: 23.636 min Scan# 4955
Delta R.T. -0.049 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45

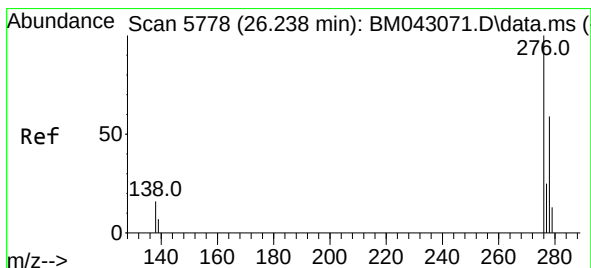
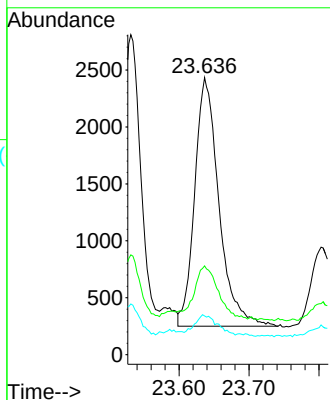
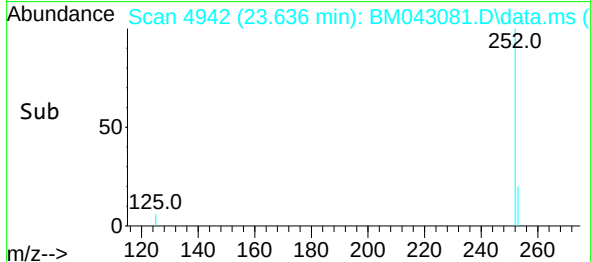
Instrument :
BNA_M
ClientSampleId :
C0AG7



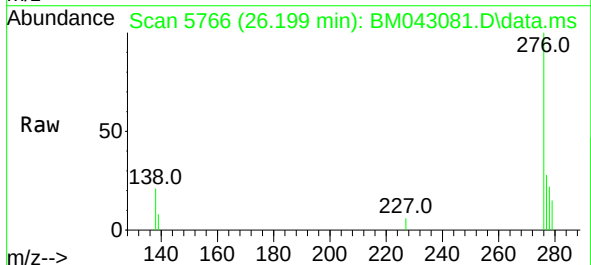
Tgt Ion:252 Resp: 525
Ion Ratio Lower Upper
252 100
253 32.0 36.6 55.0#
125 14.0 16.2 24.4#

Manual Integrations
APPROVED

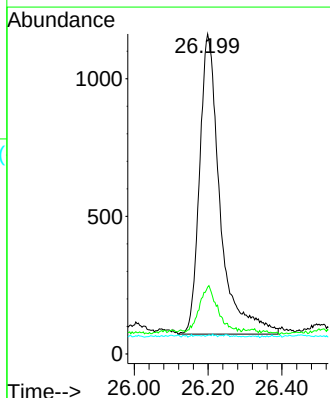
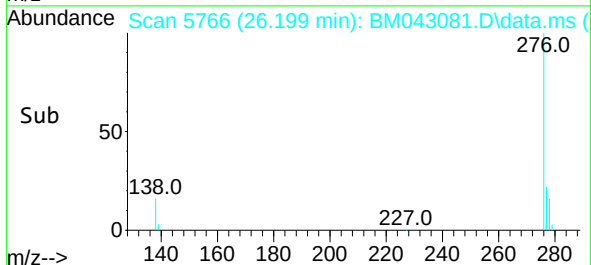
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

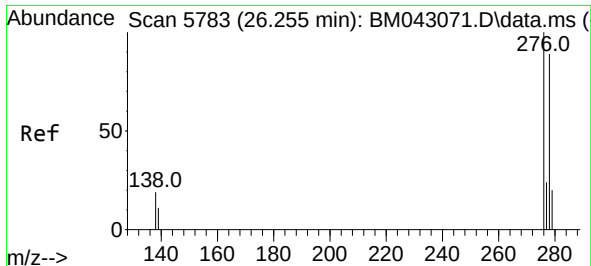


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 26.199 min Scan# 5766
Delta R.T. -0.040 min
Lab File: BM043081.D
Acq: 28 Nov 2023 20:45



Tgt Ion:276 Resp: 4208
Ion Ratio Lower Upper
276 100
138 14.9 0.0 0.0#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

RT: 26.202 min Scan# 51

Delta R.T. -0.074 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

Instrument :

BNM

ClientSampleId :

C0AG7

Tgt Ion:278 Resp: 909

Ion Ratio Lower Upper

278 100

139 37.1 18.1 27.1

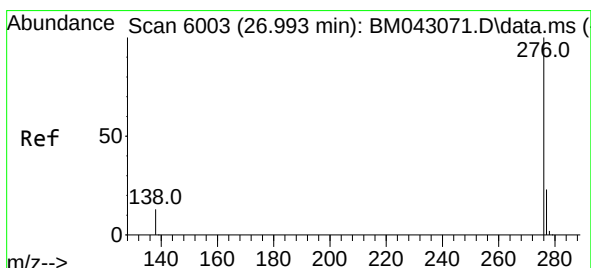
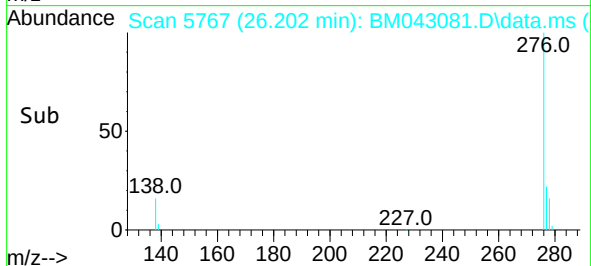
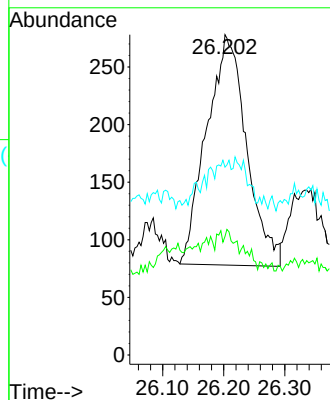
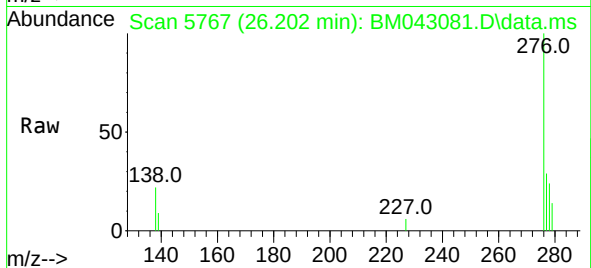
279 58.6 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#29

Benzo(g,h,i)perylene

Concen: 0.480 ng/ul

RT: 26.963 min Scan# 5994

Delta R.T. -0.047 min

Lab File: BM043081.D

Acq: 28 Nov 2023 20:45

Tgt Ion:276 Resp: 4087

Ion Ratio Lower Upper

276 100

138 22.1 17.8 26.8

277 30.4 23.8 35.8

