

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045658.D
 Acq On : 01 May 2024 12:34
 Operator : MA/JU
 Sample : P2105-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 13:11:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 09:34:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	586	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.297	136	1633	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.186	164	824	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	1440m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.178	240	1222	0.400	ng/ul	-0.01
23) Perylene-d12	23.359	264	1837m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	1649	2.099	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.920	152	338	0.157	ng/ul	-0.01
18) Fluoranthene-d10	18.992	212	552	0.143	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	359	0.082	ng/ul#	75
7) 2-Methylnaphthalene	11.997	142	202	0.081	ng/ul	88
8) 1-Methylnaphthalene	12.211	142	208	0.074	ng/ul	95
10) Acenaphthylene	13.904	152	880	0.217	ng/ul#	90
11) Acenaphthene	14.251	153	61	0.020	ng/ul#	87
12) Fluorene	15.250	166	143	0.044	ng/ul#	82
15) Phenanthrene	16.988	178	2542	0.606	ng/ul	100
16) Anthracene	17.085	178	662	0.169	ng/ul#	79
19) Fluoranthene	19.024	202	6751	1.197	ng/ul#	91
20) Pyrene	19.387	202	6250	1.078	ng/ul	96
21) Benzo(a)anthracene	21.167	228	3549	0.909	ng/ul	99
22) Chrysene	21.213	228	3190	0.531	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	7379	1.194	ng/ul	95
25) Benzo(k)fluoranthene	22.748	252	2703m	0.346	ng/ul	
26) Benzo(a)pyrene	23.259	252	4881	0.762	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.534	276	5479	0.588	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.541	278	1583	0.214	ng/ul#	87
29) Benzo(g,h,i)perylene	26.199	276	5708	0.682	ng/ul	97

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

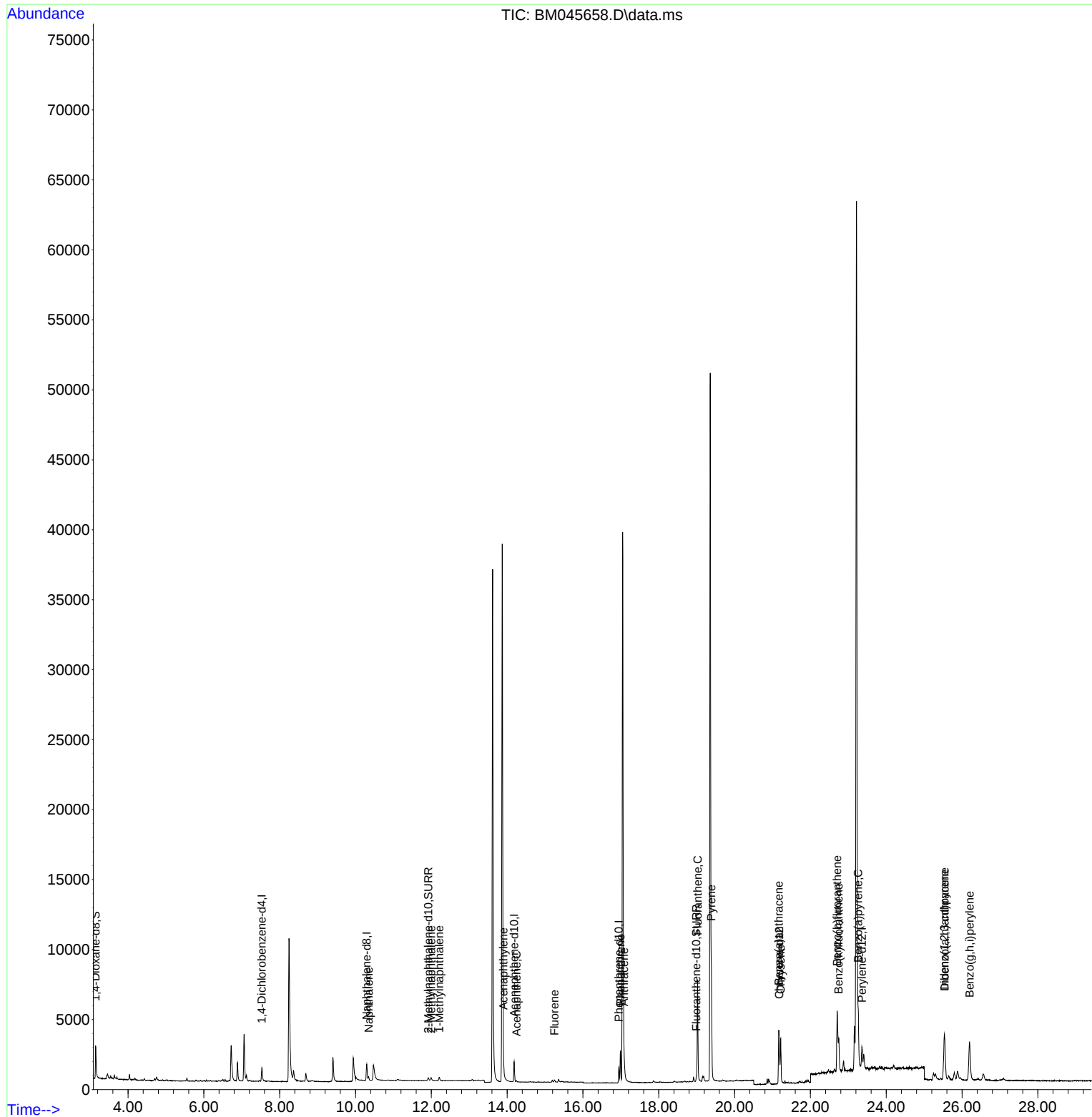
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045658.D
Acq On : 01 May 2024 12:34
Operator : MA/JU
Sample : P2105-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

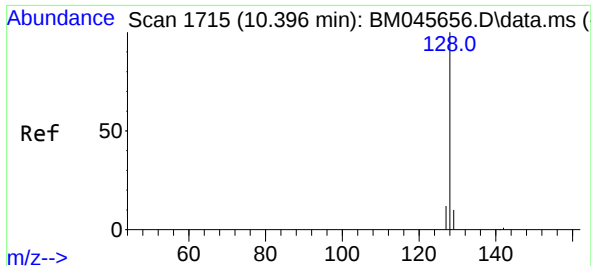
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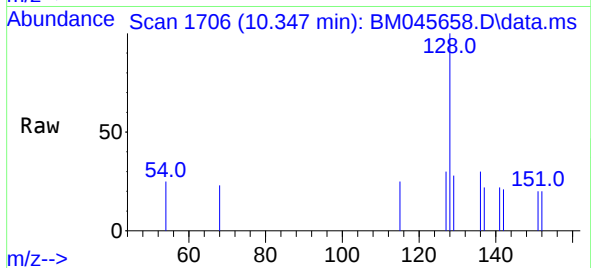
Quant Time: May 01 13:11:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.347 min Scan# 1715
Delta R.T. -0.028 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

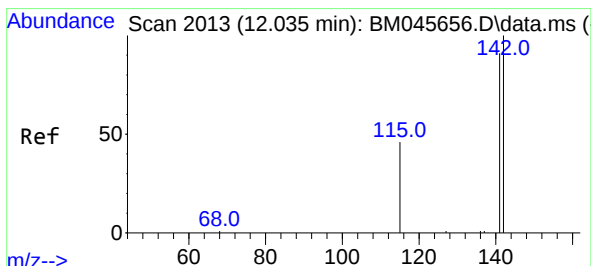
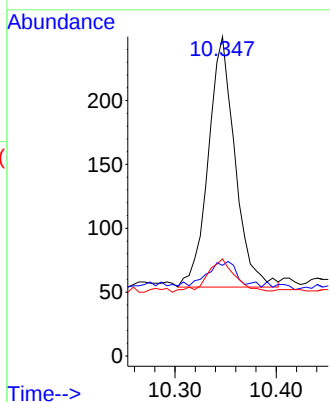
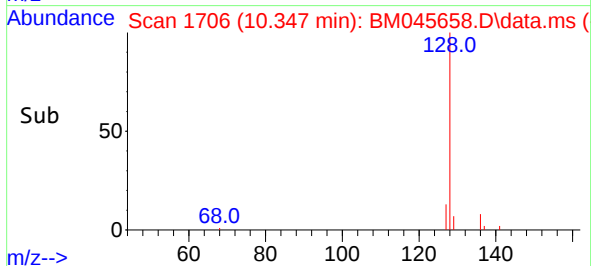
Instrument :
BNA_M
ClientSampleId :
C0AB4



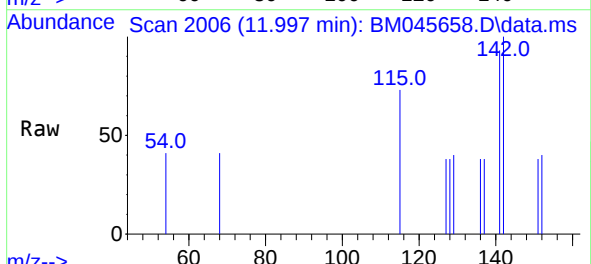
Tgt Ion:128 Resp: 359
Ion Ratio Lower Upper
128 100
129 28.4 14.0 21.0
127 30.4 15.4 23.2

Manual Integrations
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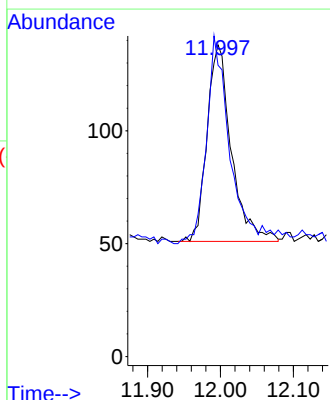
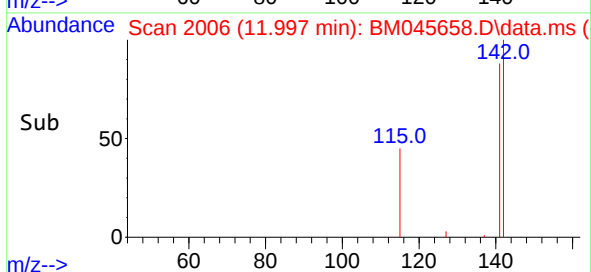
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

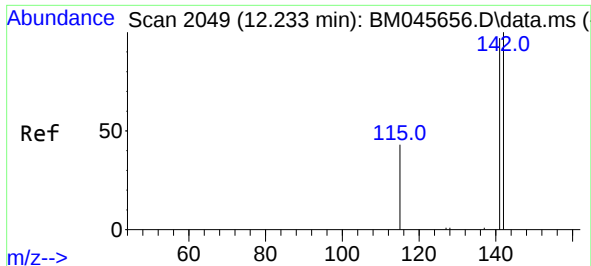


#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34



Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
141 105.0 74.6 111.8





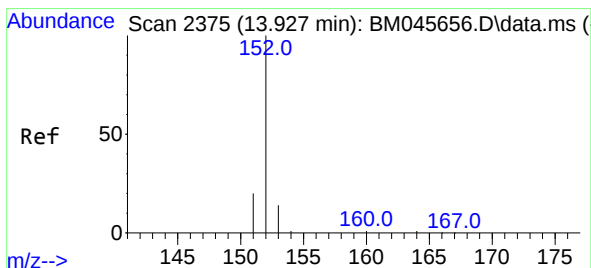
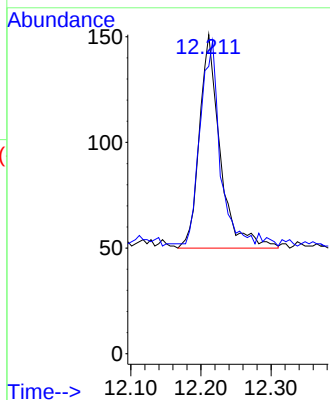
#8
1-Methylnaphthalene
Concen: 0.074 ng/u1
RT: 12.211 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

Instrument :
BNA_M
ClientSampleId :
C0AB4

Tgt Ion:142 Resp: 208
Ion Ratio Lower Upper
142 100
141 89.9 76.1 114.1

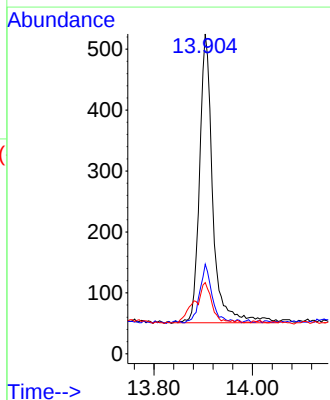
Manual Integrations
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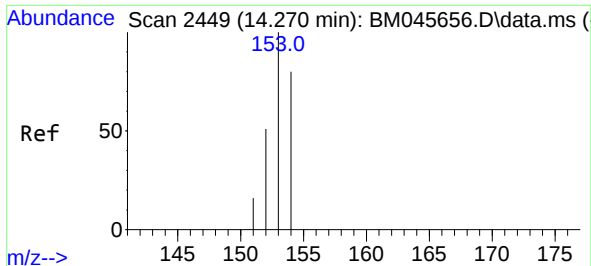
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#10
Acenaphthylene
Concen: 0.217 ng/u1
RT: 13.904 min Scan# 2370
Delta R.T. -0.019 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

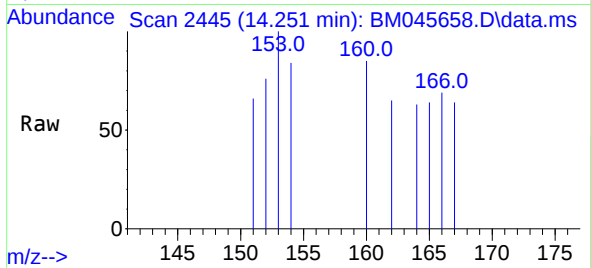
Tgt Ion:152 Resp: 880
Ion Ratio Lower Upper
152 100
151 28.0 18.6 28.0#
153 22.3 14.1 21.1#





#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.014 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

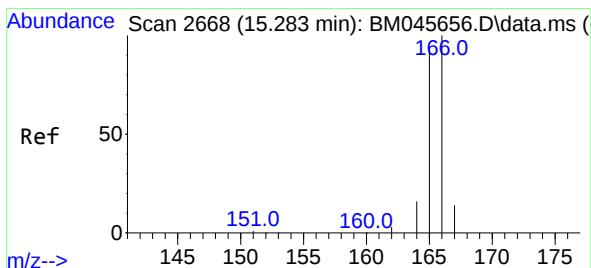
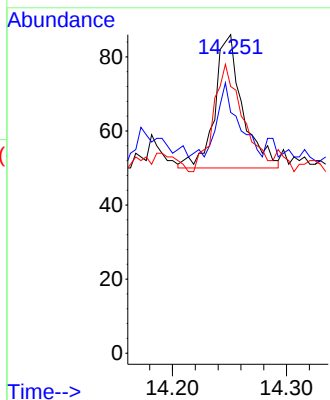
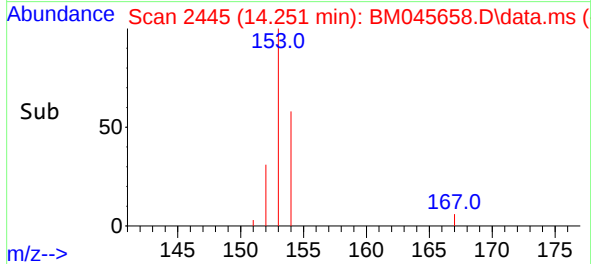
Instrument :
BNA_M
ClientSampleId :
C0AB4



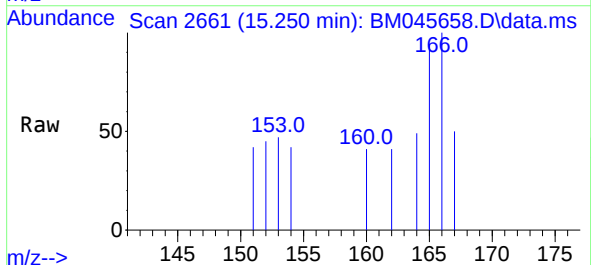
Tgt Ion:153 Resp: 61
Ion Ratio Lower Upper
153 100
152 75.6 43.4 65.2
154 83.7 69.0 103.6

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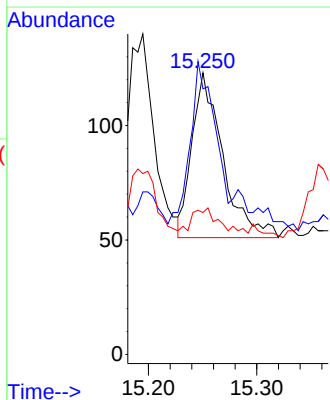
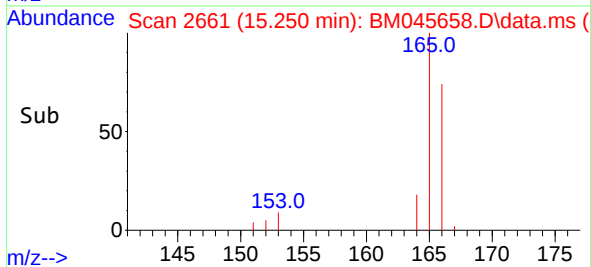
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

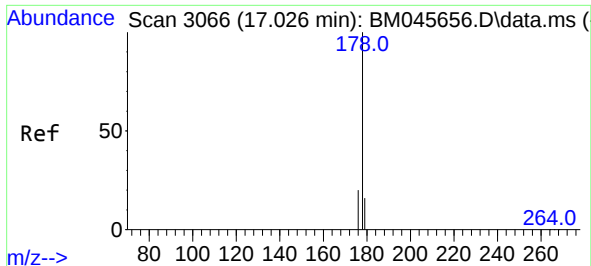


#12
Fluorene
Concen: 0.044 ng/ul
RT: 15.250 min Scan# 2661
Delta R.T. -0.028 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34



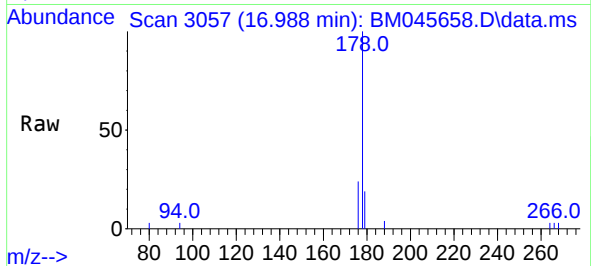
Tgt Ion:166 Resp: 143
Ion Ratio Lower Upper
166 100
165 94.3 82.2 123.2
167 50.4 14.8 22.2#





#15
Phenanthrene
Concen: 0.606 ng/u1
RT: 16.988 min Scan# 3066
Delta R.T. -0.034 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

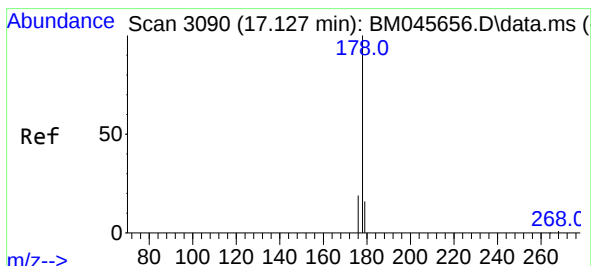
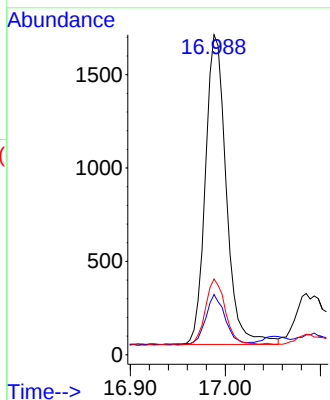
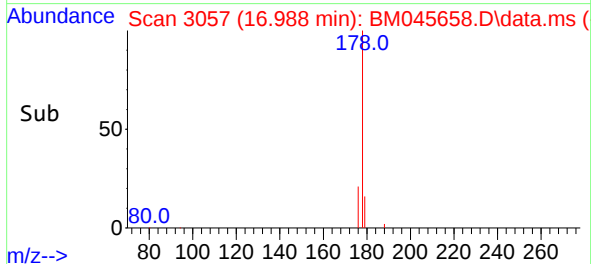
Instrument :
BNA_M
ClientSampleId :
C0AB4



Tgt Ion:178 Resp: 254
Ion Ratio Lower Upper
178 100
179 18.8 15.4 23.2
176 23.7 19.0 28.4

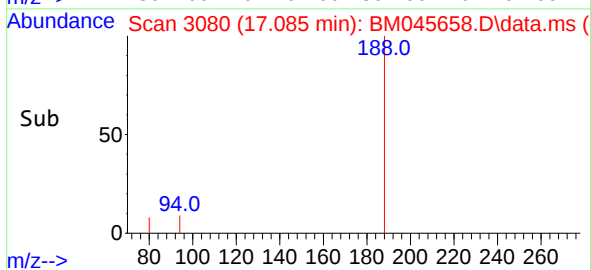
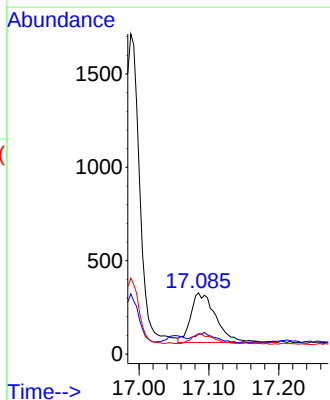
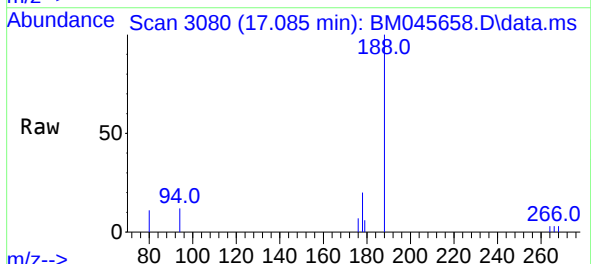
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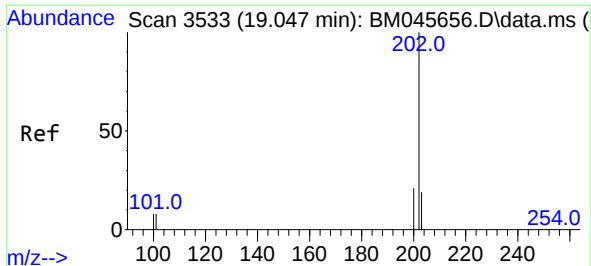
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 0.169 ng/u1
RT: 17.085 min Scan# 3080
Delta R.T. -0.046 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

Tgt Ion:178 Resp: 662
Ion Ratio Lower Upper
178 100
179 32.6 17.8 26.6#
176 33.5 18.7 28.1#





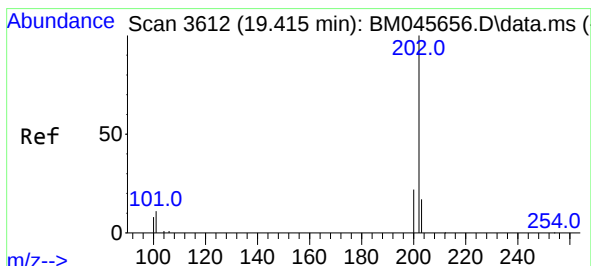
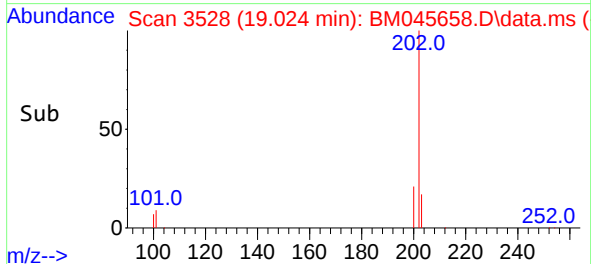
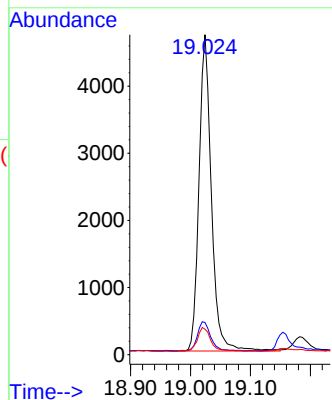
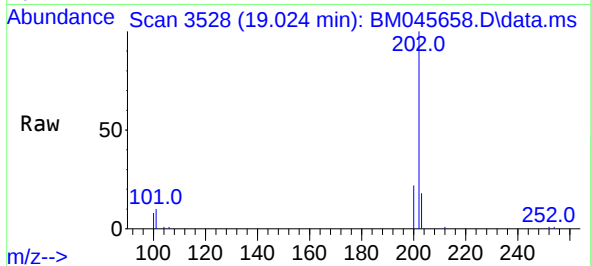
#19
Fluoranthene
Concen: 1.197 ng/u1
RT: 19.024 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

Instrument :
BNA_M
ClientSampleId :
C0AB4

Tgt Ion:202 Resp: 675
Ion Ratio Lower Upper
202 100
101 10.1 11.2 16.8
100 8.0 9.1 13.7

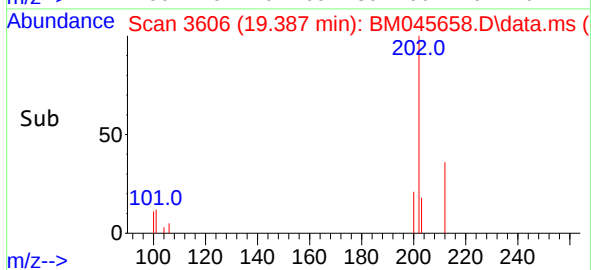
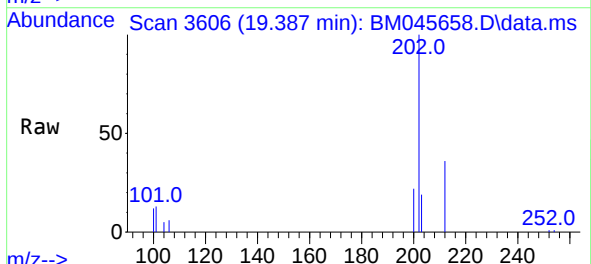
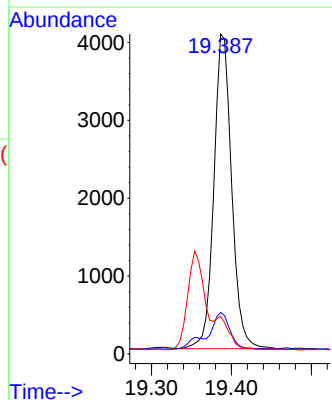
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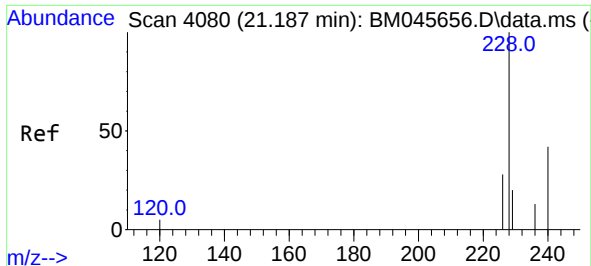
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#20
Pyrene
Concen: 1.078 ng/u1
RT: 19.387 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

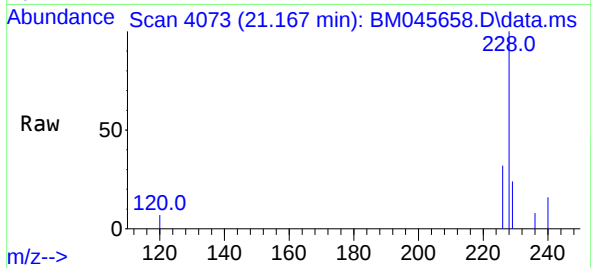
Tgt Ion:202 Resp: 6250
Ion Ratio Lower Upper
202 100
101 13.0 11.5 17.3
100 11.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.909 ng/u1
RT: 21.167 min Scan# 4080
Delta R.T. -0.015 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

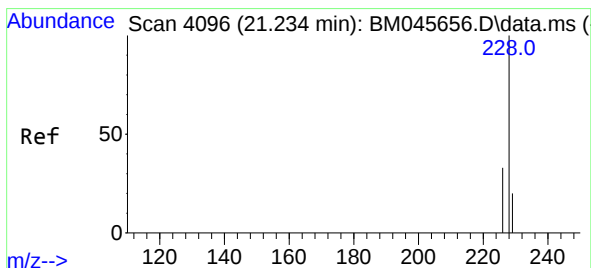
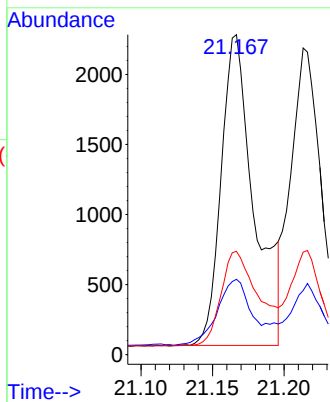
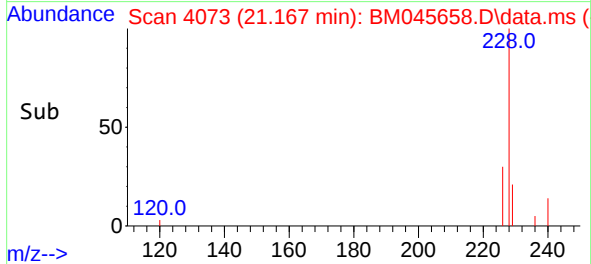
Instrument :
BNA_M
ClientSampleId :
C0AB4



Tgt Ion:228 Resp: 3549
Ion Ratio Lower Upper
228 100
229 23.5 19.4 29.2
226 32.3 26.3 39.5

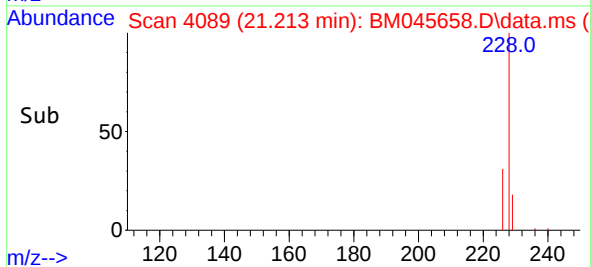
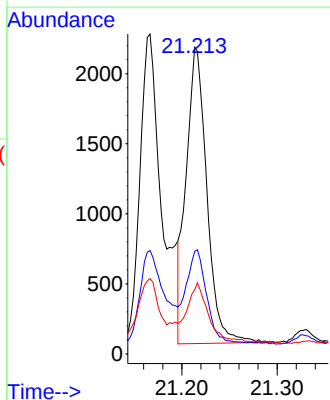
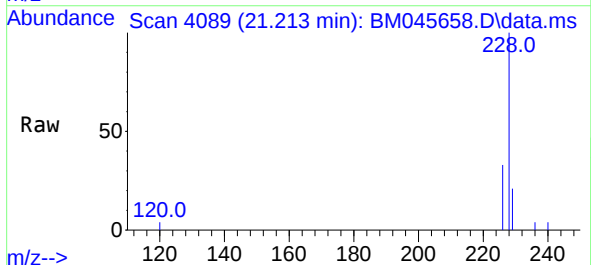
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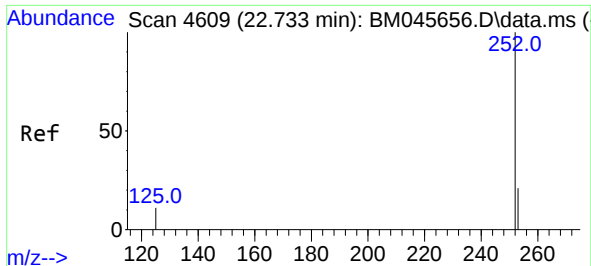
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 0.531 ng/u1
RT: 21.213 min Scan# 4089
Delta R.T. -0.012 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

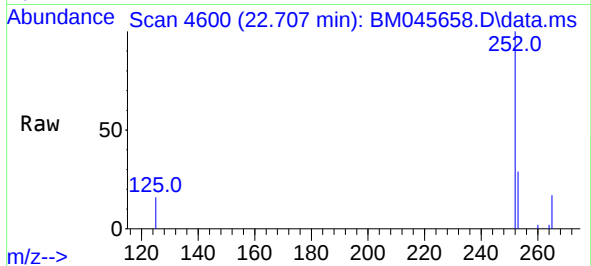
Tgt Ion:228 Resp: 3190
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 20.9 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.194 ng/ul
RT: 22.707 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

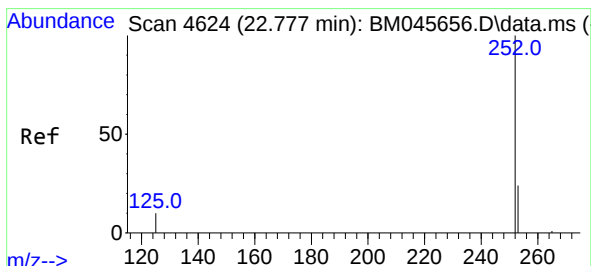
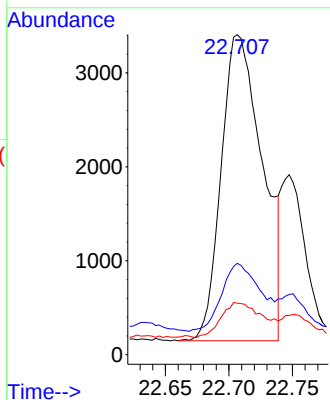
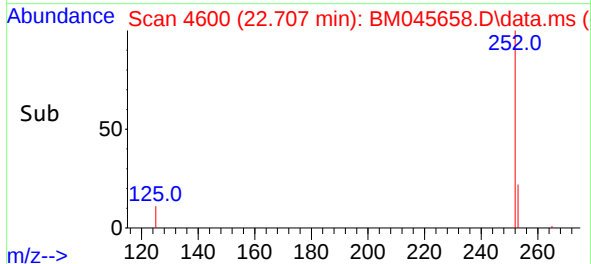
Instrument :
BNA_M
ClientSampleId :
C0AB4



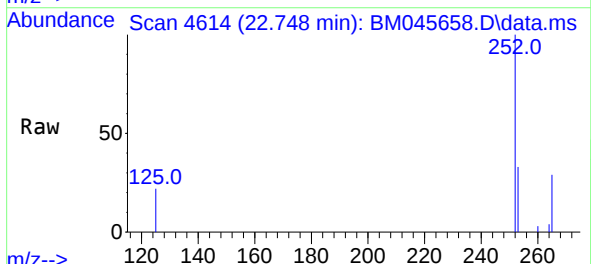
Tgt Ion:252 Resp: 7379
Ion Ratio Lower Upper
252 100
253 28.6 0.0 63.4
125 16.1 0.0 36.8

Manual Integrations
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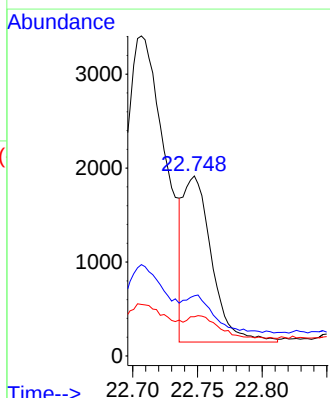
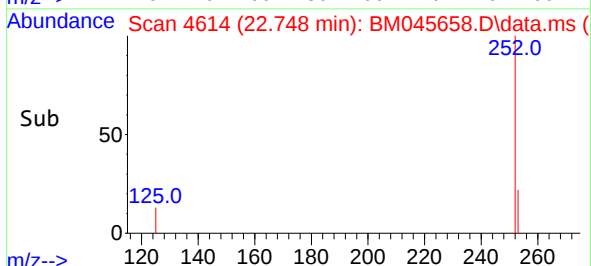
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

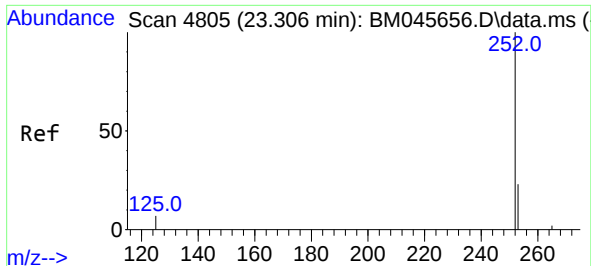


#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul m
RT: 22.748 min Scan# 4614
Delta R.T. -0.021 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34



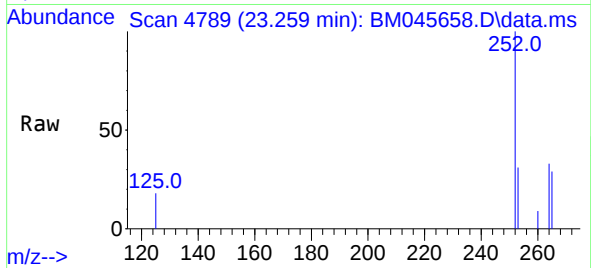
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Ion Ratio Lower Upper
252 100
253 33.4 25.4 38.0
125 21.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.762 ng/ul
RT: 23.259 min Scan# 4881
Delta R.T. -0.032 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

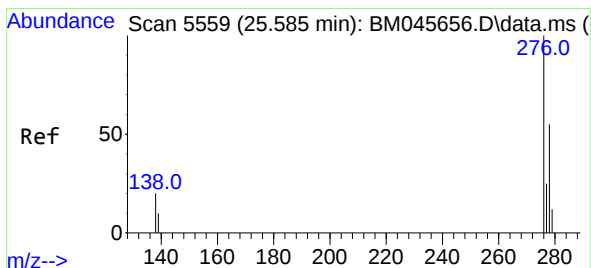
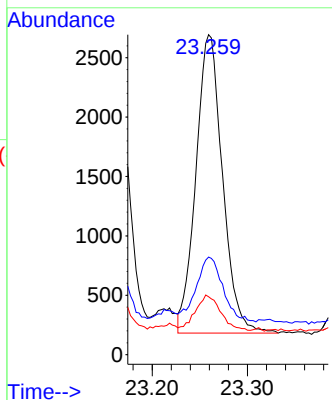
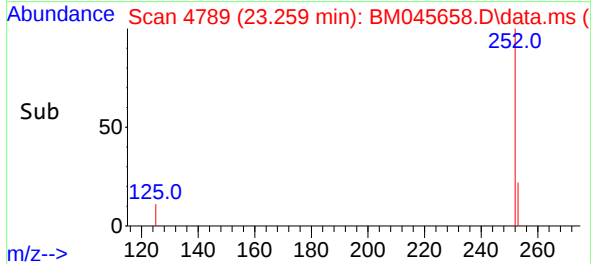
Instrument :
BNA_M
ClientSampleId :
C0AB4



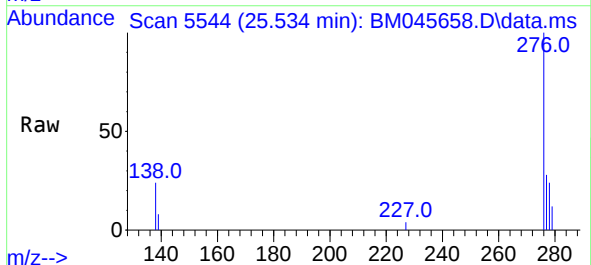
Tgt Ion:252 Resp: 4881
Ion Ratio Lower Upper
252 100
253 30.5 31.6 47.4
125 18.1 19.5 29.3

Manual Integrations
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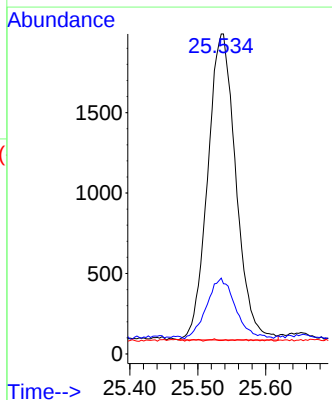
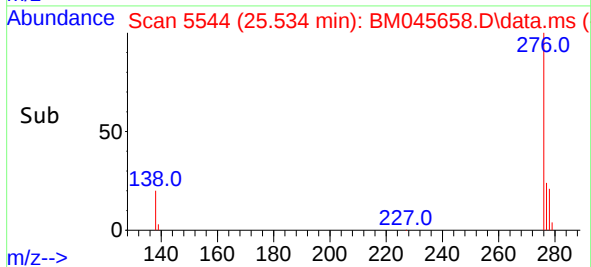
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

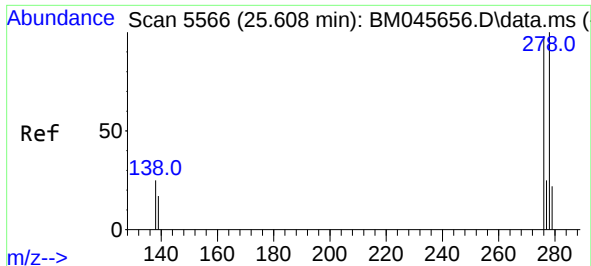


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.588 ng/ul
RT: 25.534 min Scan# 5544
Delta R.T. -0.037 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34



Tgt Ion:276 Resp: 5479
Ion Ratio Lower Upper
276 100
138 20.1 19.8 29.6
227 0.1 0.2 0.2





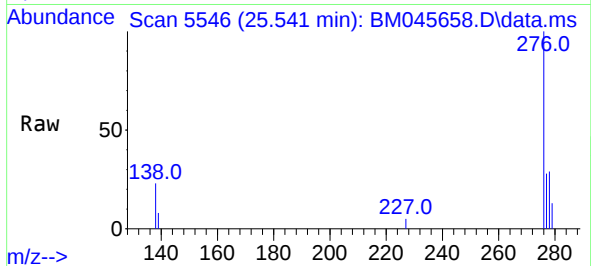
#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 25.541 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34

Instrument :

BNM

ClientSampleId :

C0AB4

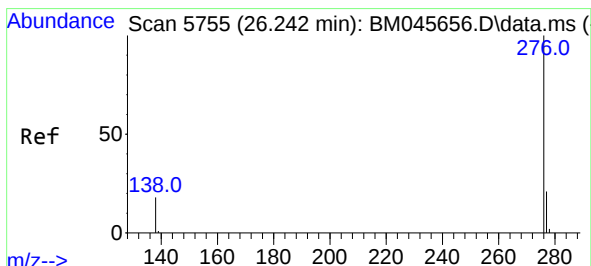
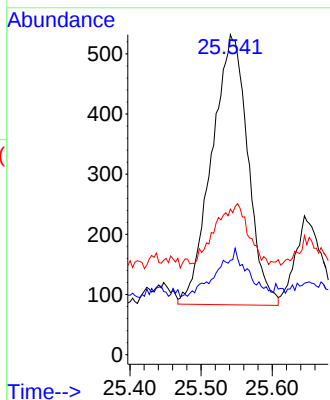
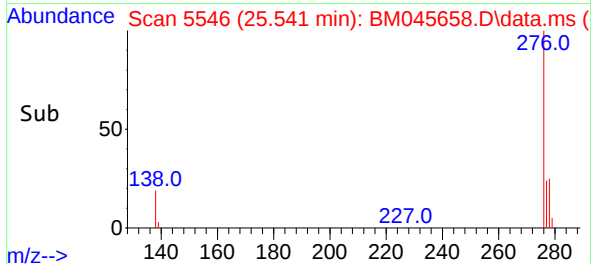


Tgt Ion:278 Resp: 158
Ion Ratio Lower Upper
278 100
139 29.5 19.0 28.6
279 45.5 29.4 44.2

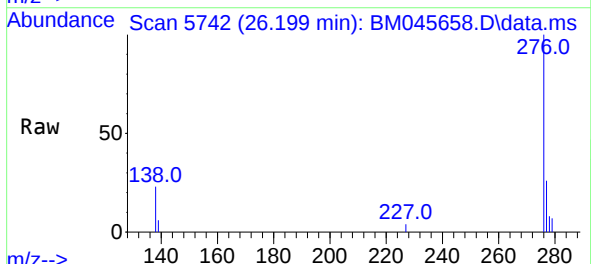
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 0.682 ng/ul
RT: 26.199 min Scan# 5742
Delta R.T. -0.030 min
Lab File: BM045658.D
Acq: 01 May 2024 12:34



Tgt Ion:276 Resp: 5708
Ion Ratio Lower Upper
276 100
138 23.5 20.8 31.2
277 26.3 21.8 32.8

