

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
 Data File : BM045662.D
 Acq On : 01 May 2024 15:01
 Operator : MA/JU
 Sample : P2105-07DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2DL

Manual Integrations
 APPROVED

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

Quant Time: May 01 15:56:36 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	7.534	152	553	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	1479	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.187	164	660	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	1140	0.400	ng/ul	-0.03
17) Chrysene-d12	21.166	240	1170	0.400	ng/ul	-0.02
23) Perylene-d12	23.349	264	1907m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.154	96	465	0.627	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.953	152	74	0.038	ng/ul	0.02
18) Fluoranthene-d10	18.992	212	137	0.037	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.363	128	240	0.060	ng/ul#	35
7) 2-Methylnaphthalene	12.024	142	82	0.036	ng/ul	87
8) 1-Methylnaphthalene	12.233	142	93	0.037	ng/ul	98
10) Acenaphthylene	13.914	152	204	0.063	ng/ul#	31
11) Acenaphthene	14.252	153	1245	0.515	ng/ul	98
12) Fluorene	15.260	166	1148	0.444	ng/ul	96
15) Phenanthrene	16.989	178	20588	6.201	ng/ul	93
16) Anthracene	17.090	178	6935	2.233	ng/ul	95
19) Fluoranthene	19.020	202	45607	8.447	ng/ul#	89
20) Pyrene	19.388	202	40438	7.286	ng/ul#	88
21) Benzo(a)anthracene	21.151	228	23493	6.282	ng/ul	93
22) Chrysene	21.204	228	21275	3.700	ng/ul	98
24) Benzo(b)fluoranthene	22.700	252	37254m	5.807	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	13952m	1.721	ng/ul	
26) Benzo(a)pyrene	23.252	252	29666	4.459	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.517	276	24281	2.511	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.527	278	5846m	0.762	ng/ul	
29) Benzo(g,h,i)perylene	26.181	276	21523	2.477	ng/ul#	92

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

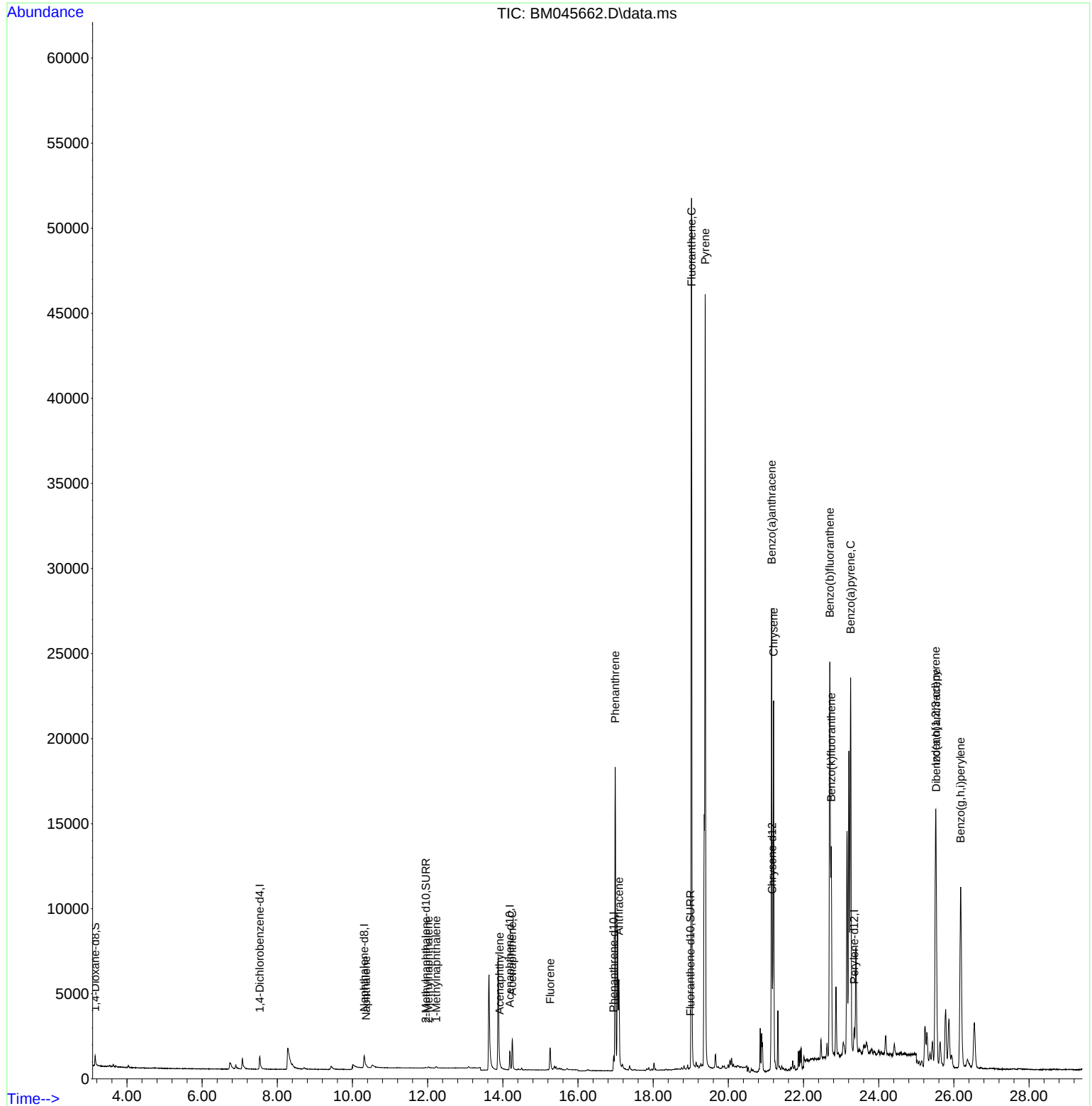
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045662.D
Acq On : 01 May 2024 15:01
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ALS Vial : 8 Sample Multiplier: 1

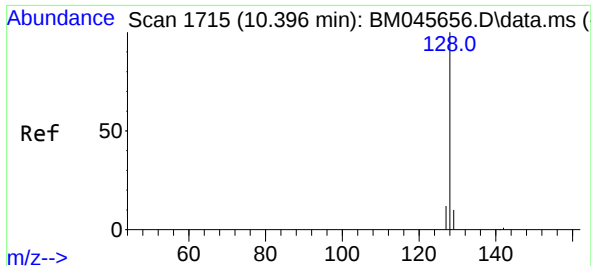
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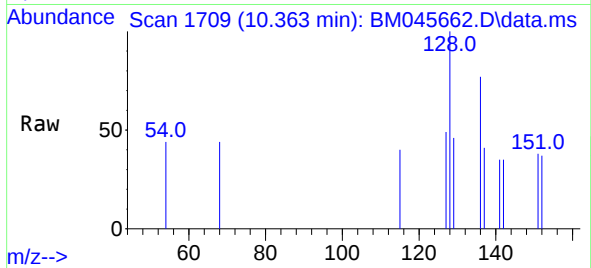
Quant Time: May 01 15:56:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.363 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

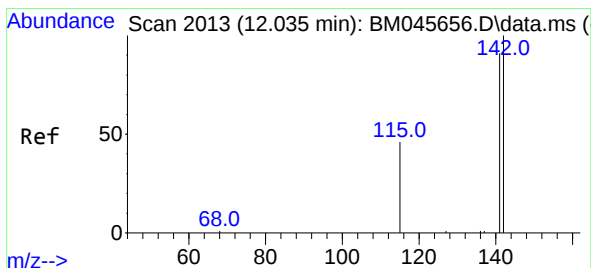
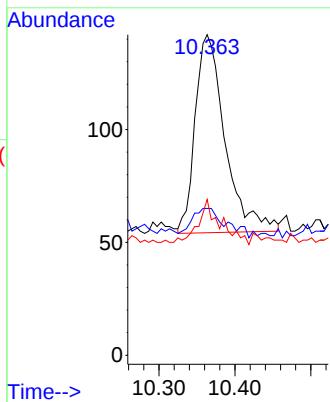
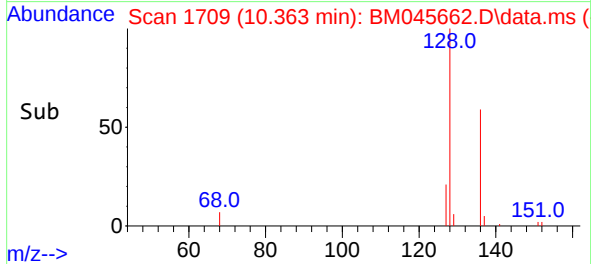
Instrument :
BNA_M
ClientSampleId :
C0AD2DL



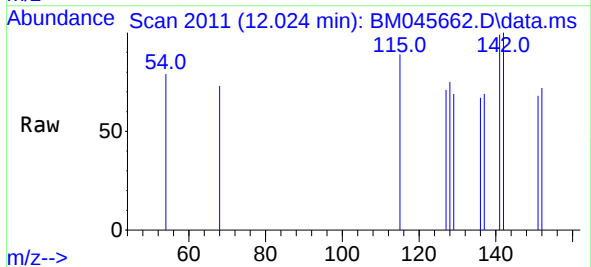
Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
129 45.8 14.0 21.0
127 48.6 15.4 23.2

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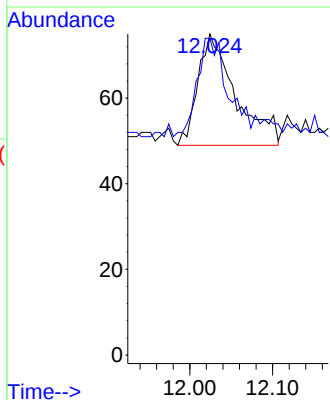
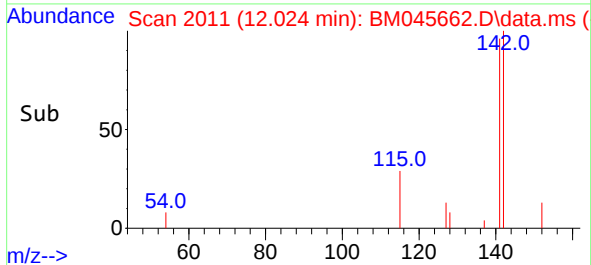
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

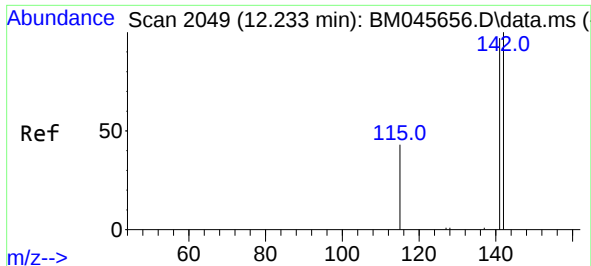


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.024 min Scan# 2011
Delta R.T. 0.017 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01



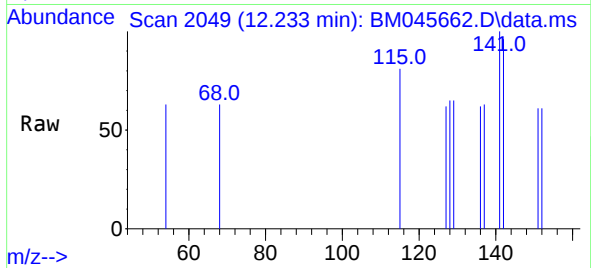
Tgt Ion:142 Resp: 82
Ion Ratio Lower Upper
142 100
141 80.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.037 ng/u1
RT: 12.233 min Scan# 2049
Delta R.T. 0.017 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

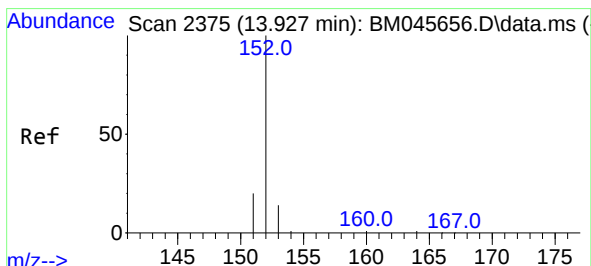
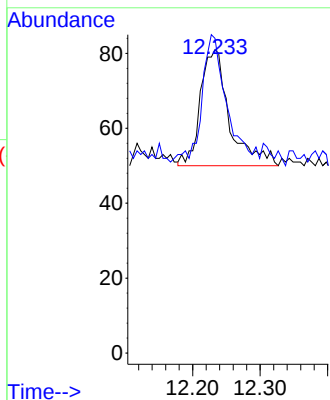
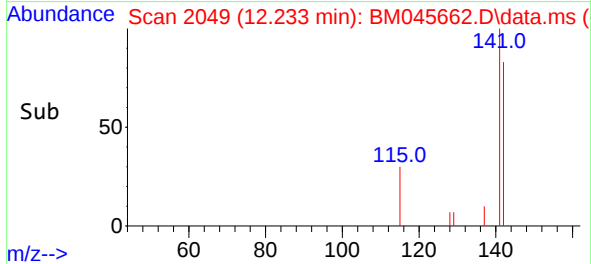
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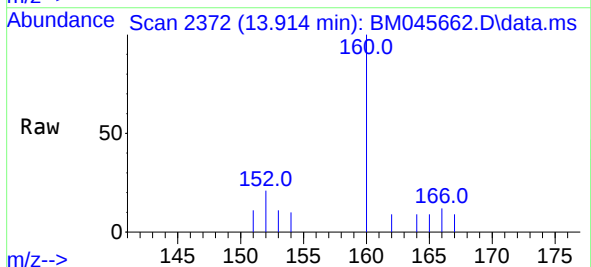
Tgt Ion:142 Resp: 93.5
Ion Ratio Lower Upper
142 100
141 93.5 76.1 114.1

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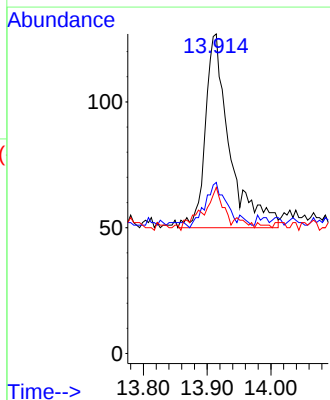
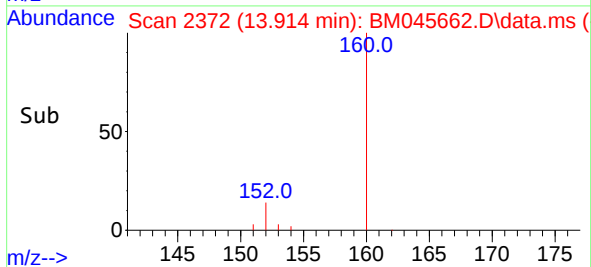
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

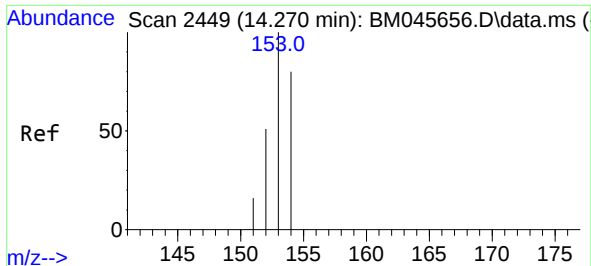


#10
Acenaphthylene
Concen: 0.063 ng/u1
RT: 13.914 min Scan# 2372
Delta R.T. -0.008 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01



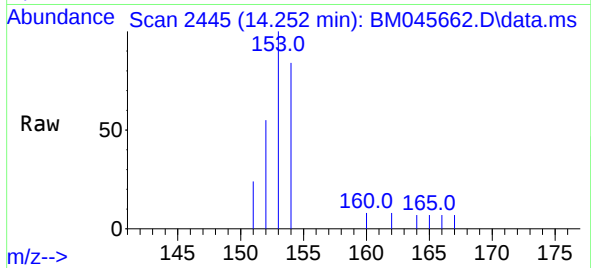
Tgt Ion:152 Resp: 204
Ion Ratio Lower Upper
152 100
151 53.5 18.6 28.0#
153 52.0 14.1 21.1#





#11
Acenaphthene
Concen: 0.515 ng/u1
RT: 14.252 min Scan# 2445
Delta R.T. -0.013 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

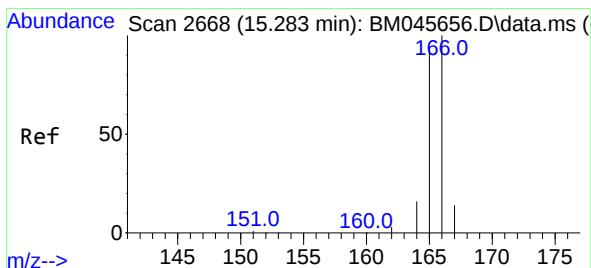
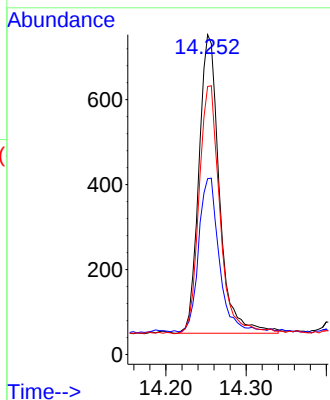
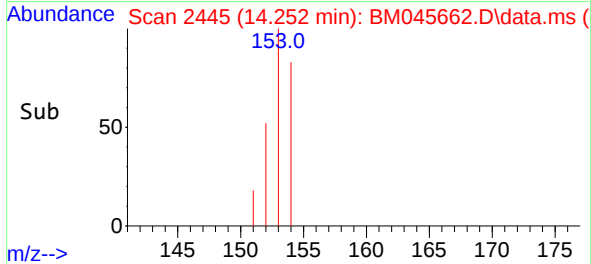
Instrument :
BNA_M
ClientSampleId :
C0AD2DL



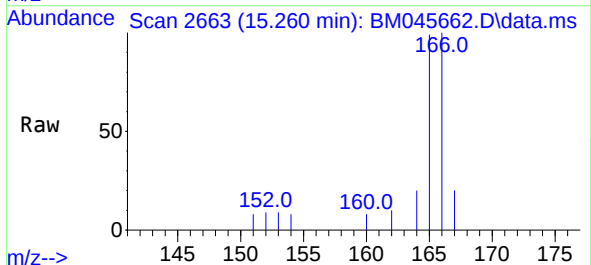
Tgt Ion:153 Resp: 1245
Ion Ratio Lower Upper
153 100
152 55.0 43.4 65.2
154 83.8 69.0 103.6

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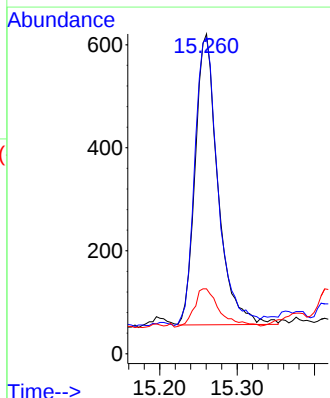
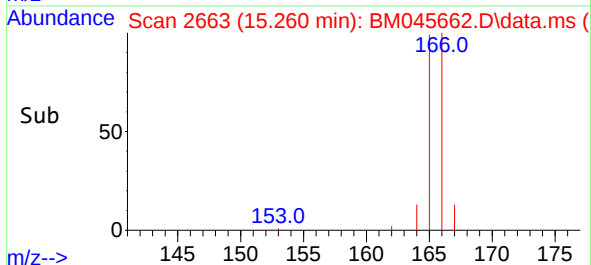
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

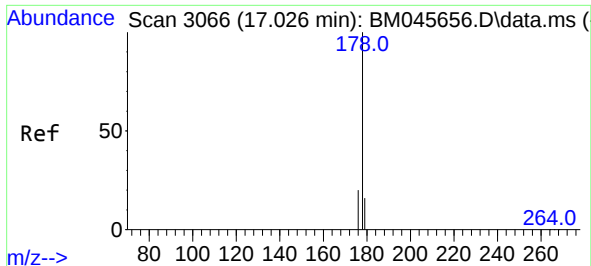


#12
Fluorene
Concen: 0.444 ng/u1
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01



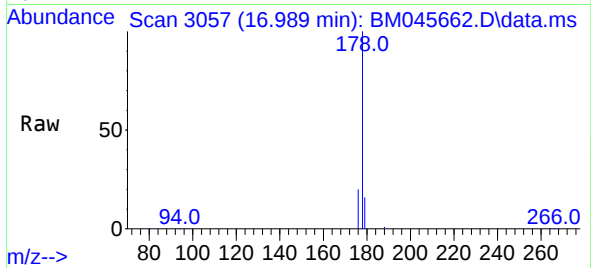
Tgt Ion:166 Resp: 1148
Ion Ratio Lower Upper
166 100
165 98.9 82.2 123.2
167 20.3 14.8 22.2





#15
Phenanthrene
Concen: 6.201 ng/u1
RT: 16.989 min Scan# 3057
Delta R.T. -0.033 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

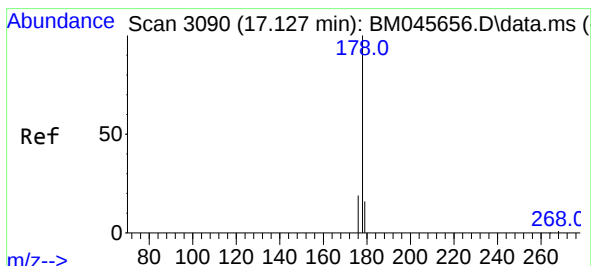
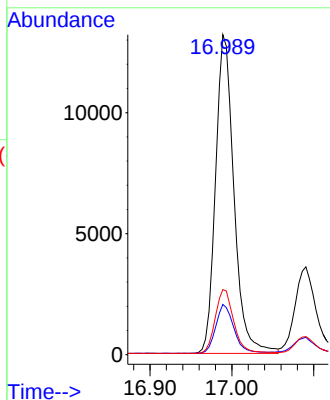
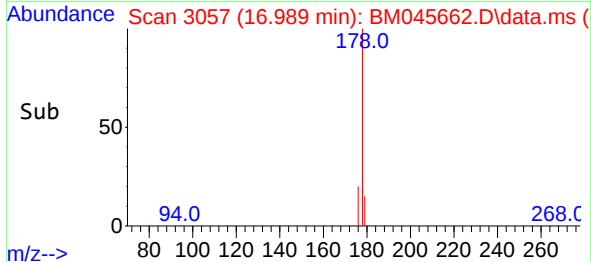
Instrument :
BNA_M
ClientSampleId :
C0AD2DL



Tgt Ion:178 Resp: 2058
Ion Ratio Lower Upper
178 100
179 15.7 15.4 23.2
176 20.3 19.0 28.4

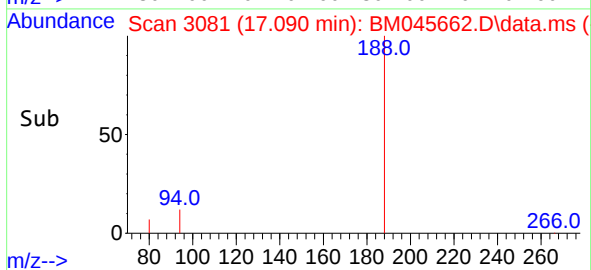
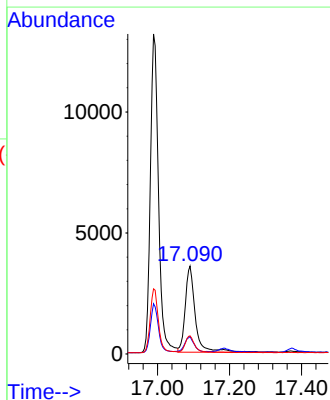
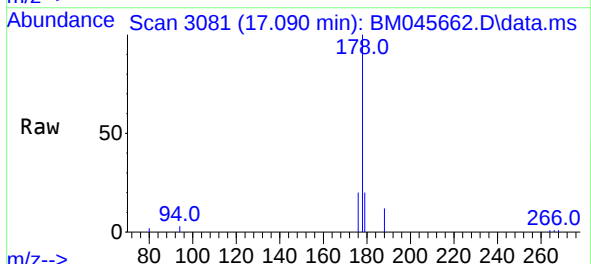
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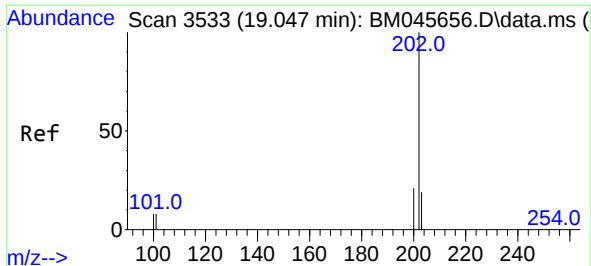
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#16
Anthracene
Concen: 2.233 ng/u1
RT: 17.090 min Scan# 3081
Delta R.T. -0.041 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

Tgt Ion:178 Resp: 6935
Ion Ratio Lower Upper
178 100
179 19.8 17.8 26.6
176 20.5 18.7 28.1





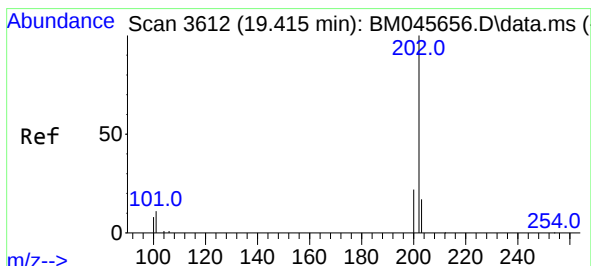
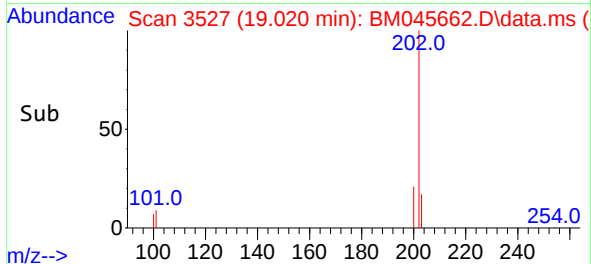
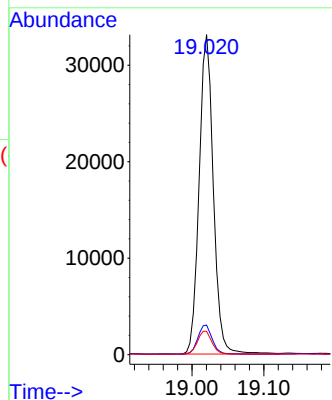
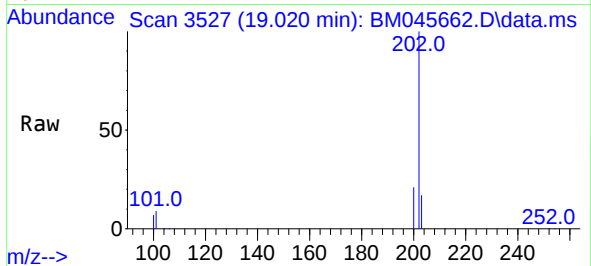
#19
Fluoranthene
Concen: 8.447 ng/u1
RT: 19.020 min Scan# 31
Delta R.T. -0.027 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

Instrument :
BNA_M
ClientSampleId :
C0AD2DL

Tgt Ion:202 Resp: 4560
Ion Ratio Lower Upper
202 100
101 9.2 11.2 16.8#
100 7.3 9.1 13.7#

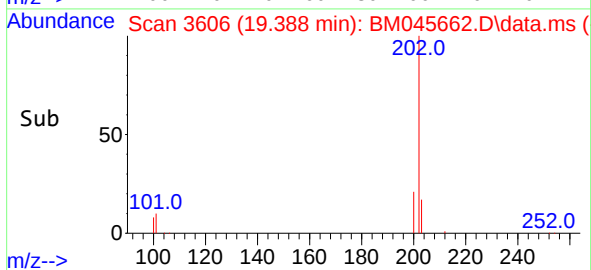
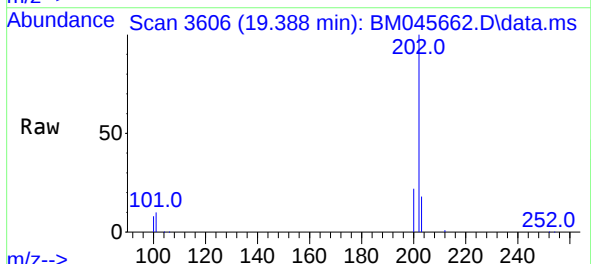
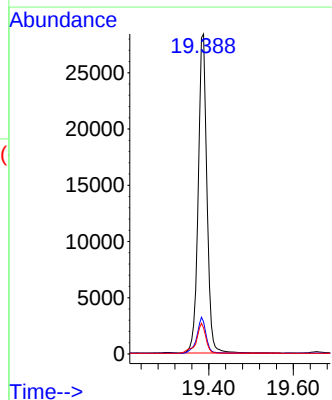
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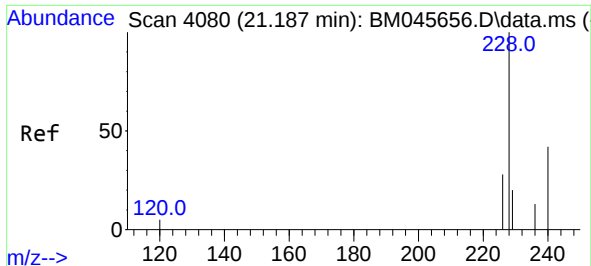
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#20
Pyrene
Concen: 7.286 ng/u1
RT: 19.388 min Scan# 3606
Delta R.T. -0.022 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

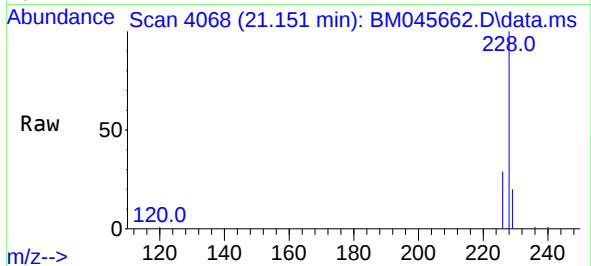
Tgt Ion:202 Resp: 40438
Ion Ratio Lower Upper
202 100
101 10.0 11.5 17.3#
100 8.1 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 6.282 ng/ul
RT: 21.151 min Scan# 4068
Delta R.T. -0.030 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

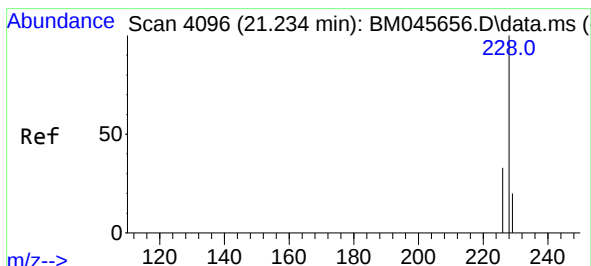
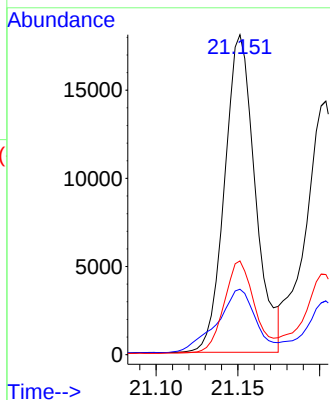
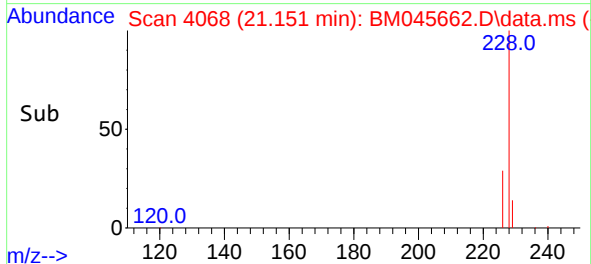
Instrument :
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Tgt Ion:228 Resp: 2349
Ion Ratio Lower Upper
228 100
229 20.5 19.4 29.2
226 29.3 26.3 39.5

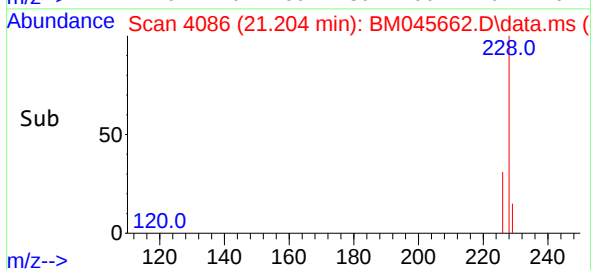
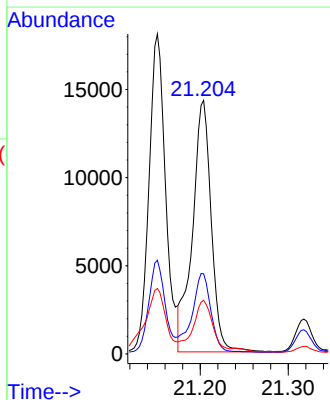
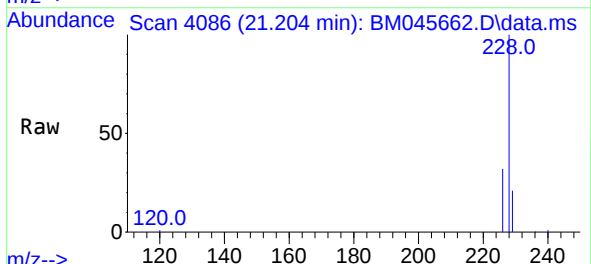
Manual Integrations
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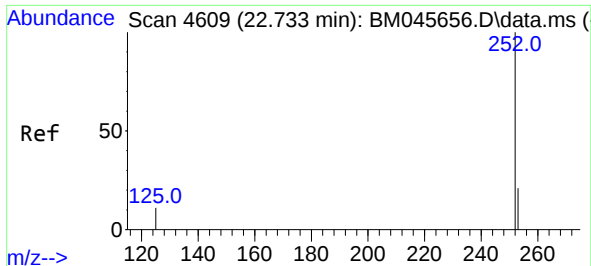
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 3.700 ng/ul
RT: 21.204 min Scan# 4086
Delta R.T. -0.021 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

Tgt Ion:228 Resp: 21275
Ion Ratio Lower Upper
228 100
226 31.6 26.3 39.5
229 21.2 17.8 26.8





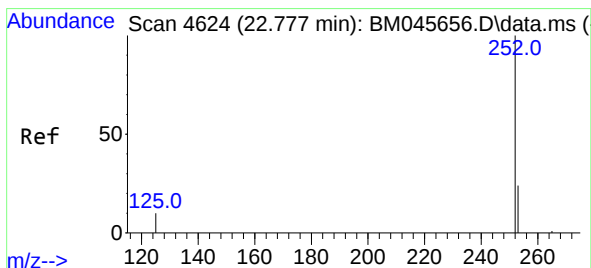
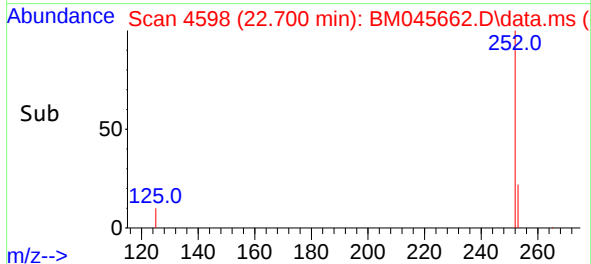
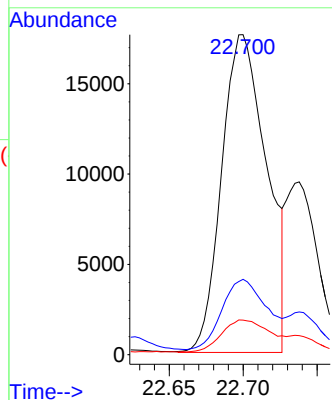
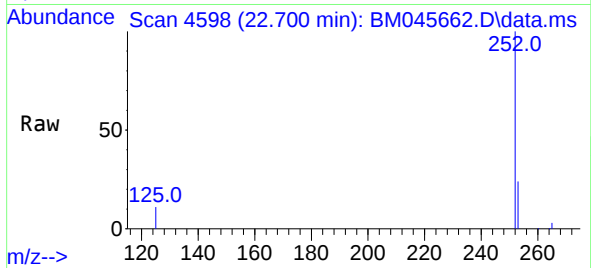
#24
Benzo(b)fluoranthene
Concen: 5.807 ng/ul m
RT: 22.700 min Scan# 4111
Delta R.T. -0.024 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

Instrument :
BNA_M
ClientSampleId :
C0AD2DL

Tgt Ion:252 Resp: 37254
Ion Ratio Lower Upper
252 100
253 23.6 0.0 63.4
125 10.8 0.0 36.8

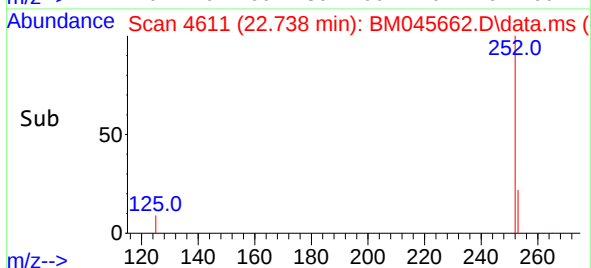
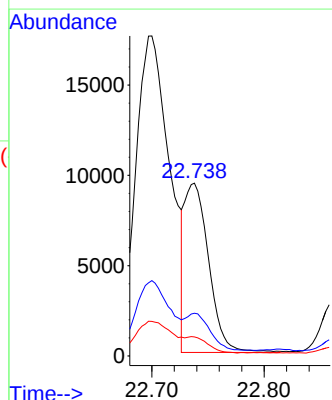
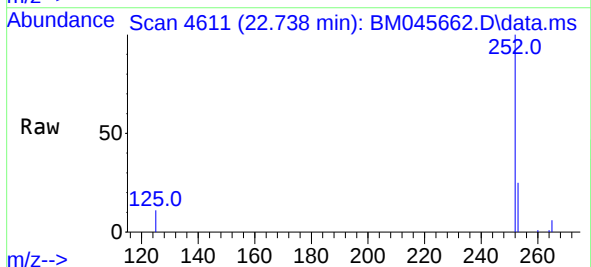
Manual Integrations
APPROVED

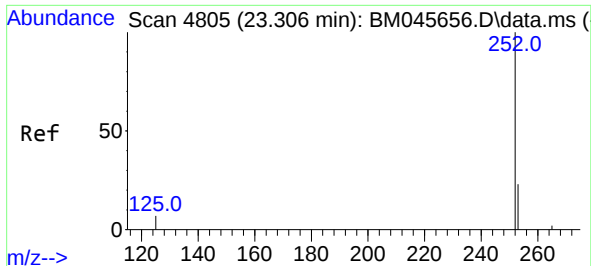
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#25
Benzo(k)fluoranthene
Concen: 1.721 ng/ul m
RT: 22.738 min Scan# 4611
Delta R.T. -0.030 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

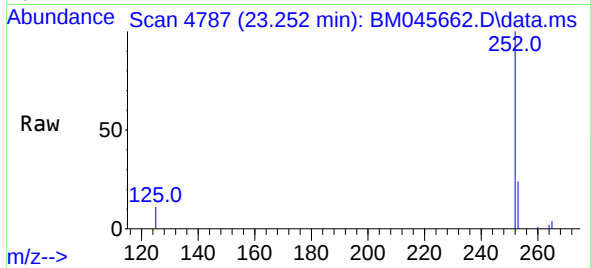
Tgt Ion:252 Resp: 13952
Ion Ratio Lower Upper
252 100
253 24.7 25.4 38.0#
125 11.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 4.459 ng/ul
RT: 23.252 min Scan# 4787
Delta R.T. -0.039 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

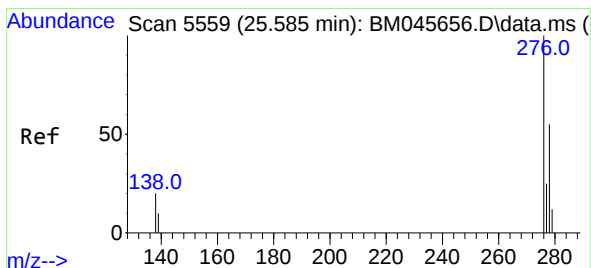
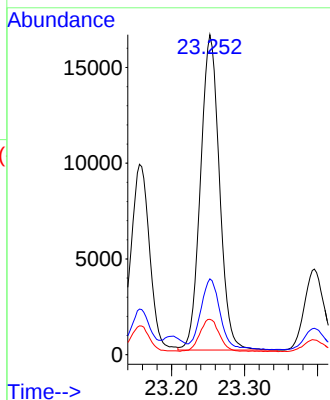
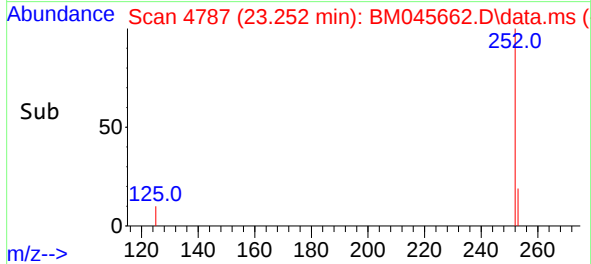
Instrument :
BNA_M
ClientSampleId :
C0AD2DL



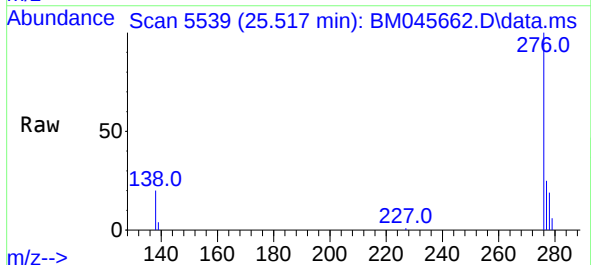
Tgt Ion:252 Resp: 29660
Ion Ratio Lower Upper
252 100
253 23.7 31.6 47.4
125 11.1 19.5 29.3

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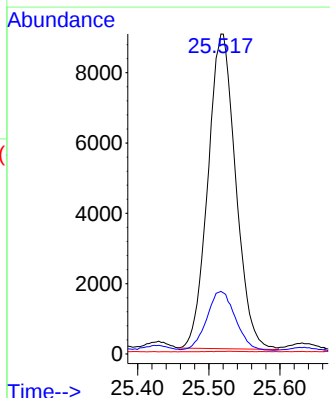
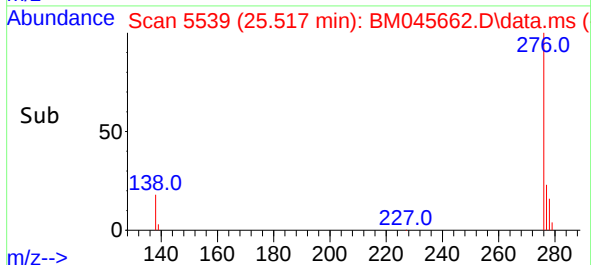
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

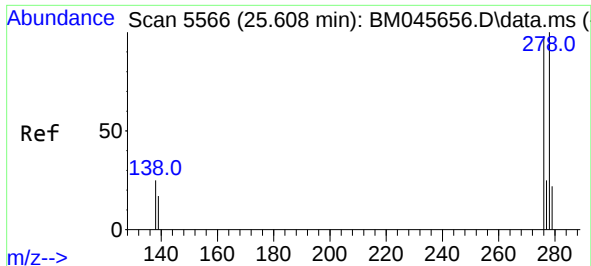


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.511 ng/ul
RT: 25.517 min Scan# 5539
Delta R.T. -0.055 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01



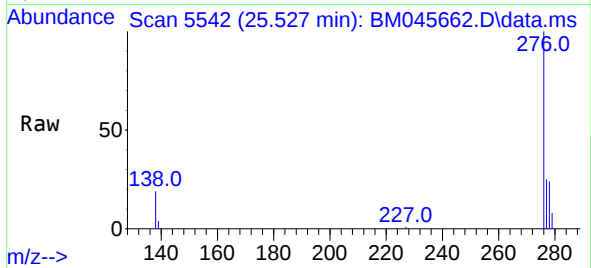
Tgt Ion:276 Resp: 24281
Ion Ratio Lower Upper
276 100
138 19.3 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.762 ng/ul m
RT: 25.527 min Scan# 51
Delta R.T. -0.061 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01

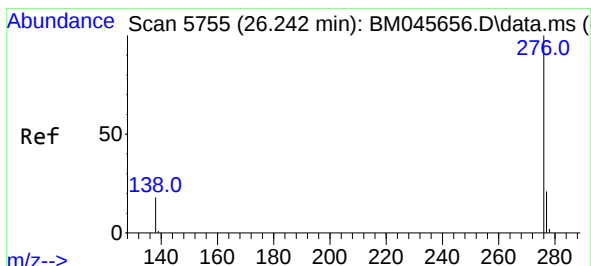
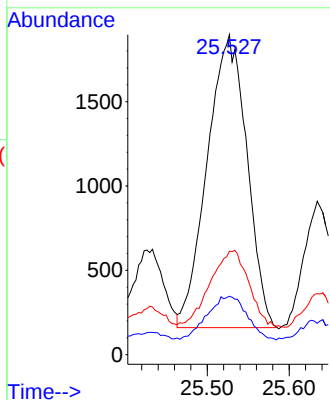
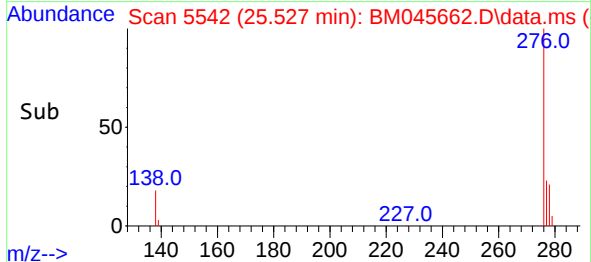
Instrument :
BNA_M
ClientSampleId :
C0AD2DL



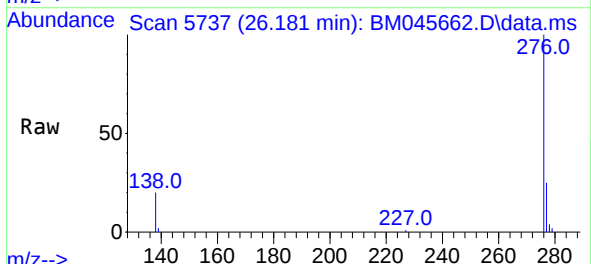
Tgt Ion:278 Resp: 5840
Ion Ratio Lower Upper
278 100
139 18.2 19.0 28.6
279 32.3 29.4 44.2

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



#29
Benzo(g,h,i)perylene
Concen: 2.477 ng/ul
RT: 26.181 min Scan# 5737
Delta R.T. -0.048 min
Lab File: BM045662.D
Acq: 01 May 2024 15:01



Tgt Ion:276 Resp: 21523
Ion Ratio Lower Upper
276 100
138 19.7 20.8 31.2#
277 25.1 21.8 32.8

