

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045547.D
 Acq On : 25 Apr 2024 03:29
 Operator : MA/JU
 Sample : P2104-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 04:04:22 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1006	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2599	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1277	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2555m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.181	240	2432	0.400	ng/ul	#-0.01
23) Perylene-d12	23.370	264	3580	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4613	3.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	658	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	1413	0.185	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	1647	0.236	ng/ul	96
7) 2-Methylnaphthalene	11.997	142	564	0.141	ng/ul	100
8) 1-Methylnaphthalene	12.217	142	487	0.109	ng/ul	100
10) Acenaphthylene	13.923	152	1038	0.165	ng/ul#	90
11) Acenaphthene	14.265	153	673	0.144	ng/ul	99
12) Fluorene	15.264	166	1151	0.230	ng/ul	97
15) Phenanthrene	17.005	178	23422m	3.148	ng/ul	
16) Anthracene	17.098	178	4660	0.669	ng/ul	96
19) Fluoranthene	19.038	202	38040	3.389	ng/ul#	90
20) Pyrene	19.401	202	31738	2.751	ng/ul#	92
21) Benzo(a)anthracene	21.167	228	16668	2.144	ng/ul	96
22) Chrysene	21.219	228	16369	1.370	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	26158m	2.172	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	9617m	0.632	ng/ul	
26) Benzo(a)pyrene	23.274	252	18377	1.471	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.558	276	16262	0.896	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.561	278	3942	0.274	ng/ul#	68
29) Benzo(g,h,i)perylene	26.226	276	13864	0.850	ng/ul	98

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

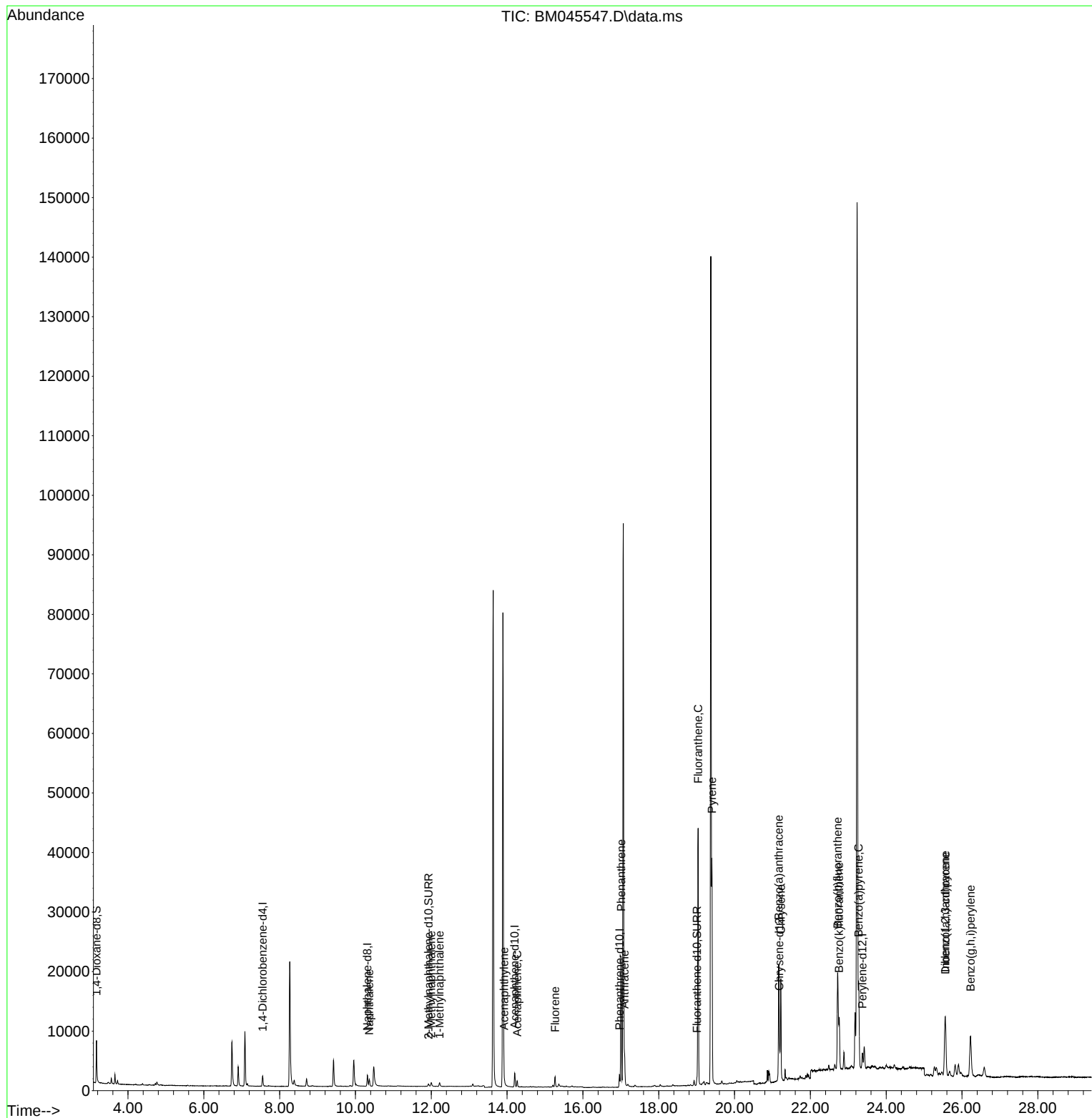
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045547.D
Acq On : 25 Apr 2024 03:29
Operator : MA/JU
Sample : P2104-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

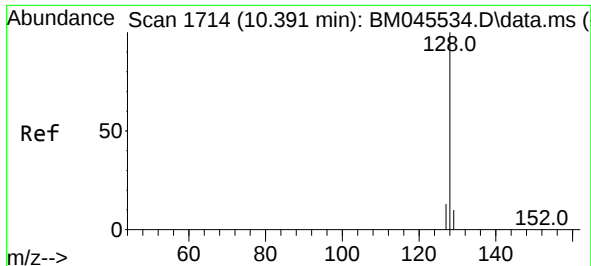
Instrument :
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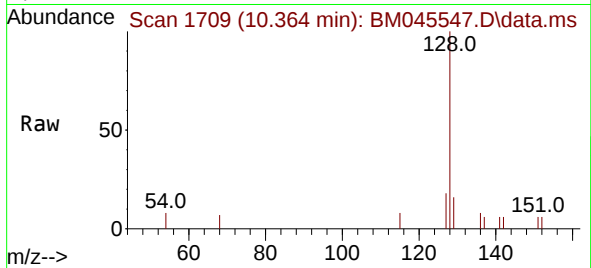
Quant Time: Apr 25 04:04:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.236 ng/ul
RT: 10.364 min Scan# 11
Delta R.T. -0.016 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

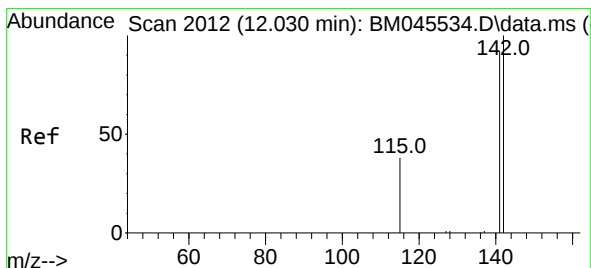
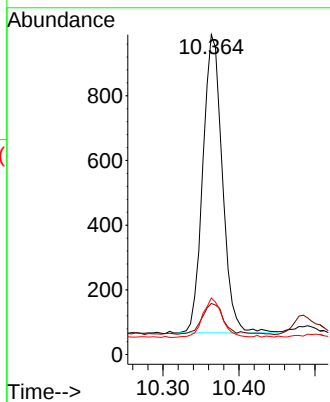
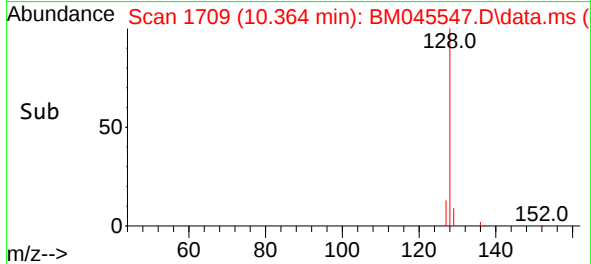
Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:128 Resp: 164
Ion Ratio Lower Upper
128 100
129 16.0 14.0 21.0
127 17.7 15.4 23.2

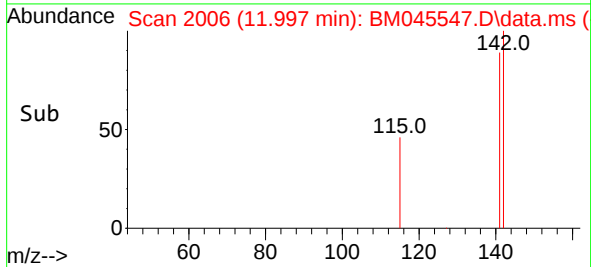
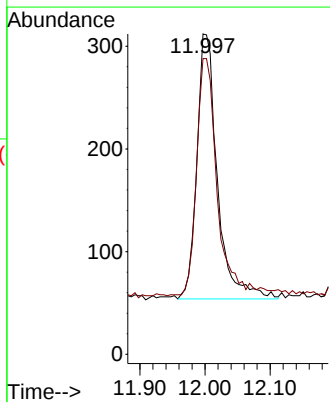
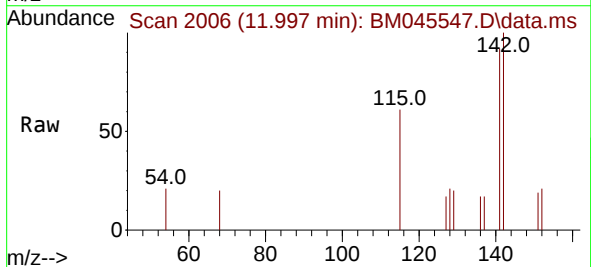
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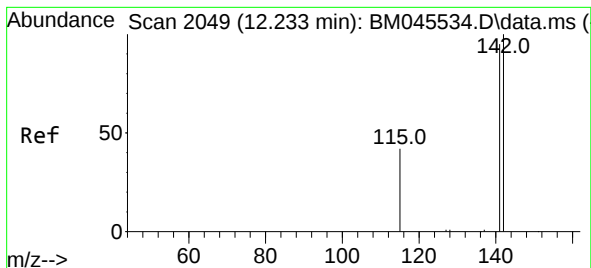
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
141 92.9 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.109 ng/ul

RT: 12.217 min Scan# 2046

Delta R.T. -0.005 min

Lab File: BM045547.D

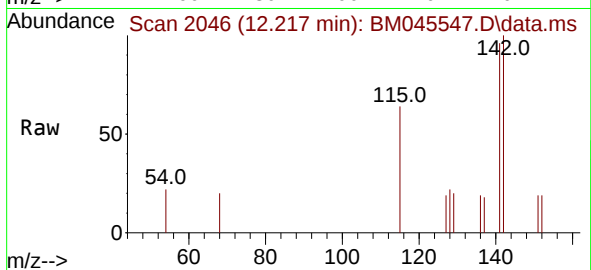
Acq: 25 Apr 2024 03:29

Instrument :

BNA_M

ClientSampleId :

C0AB0



Tgt Ion:142 Resp: 48

Ion Ratio Lower Upper

142 100

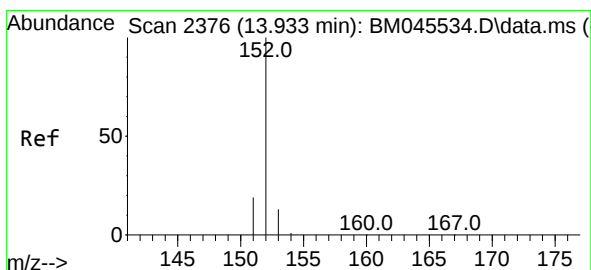
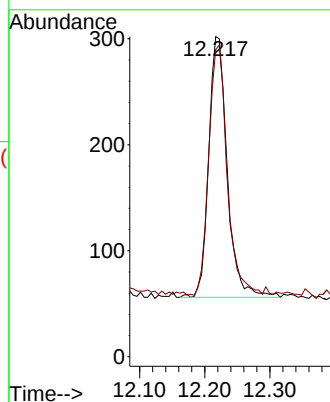
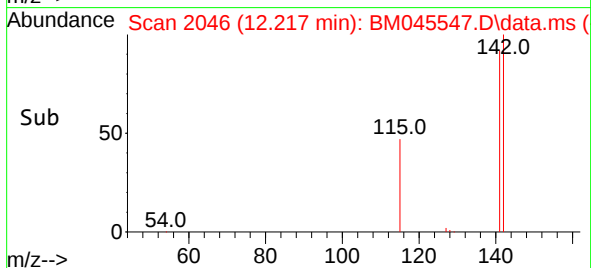
141 94.7 76.1 114.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.165 ng/ul

RT: 13.923 min Scan# 2374

Delta R.T. -0.004 min

Lab File: BM045547.D

Acq: 25 Apr 2024 03:29

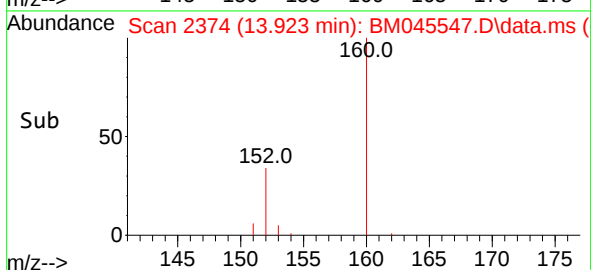
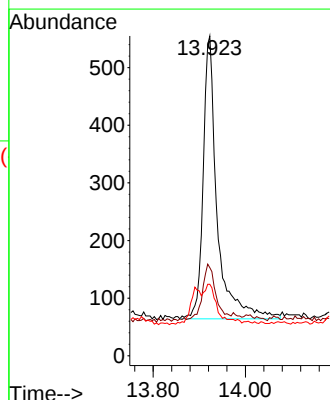
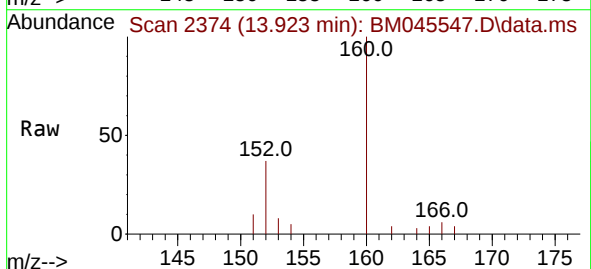
Tgt Ion:152 Resp: 1038

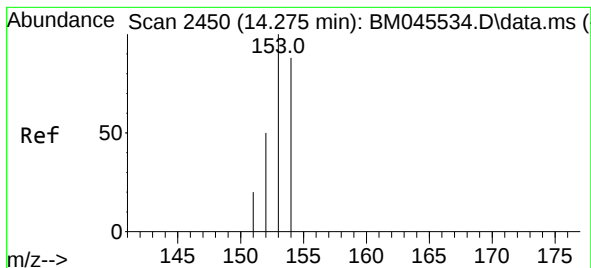
Ion Ratio Lower Upper

152 100

151 27.6 18.6 28.0

153 22.3 14.1 21.1#





#11

Acenaphthene

Concen: 0.144 ng/ul

RT: 14.265 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BM045547.D

Acq: 25 Apr 2024 03:29

Instrument :

BNA_M

ClientSampleId :

C0AB0

Tgt Ion:153 Resp: 67

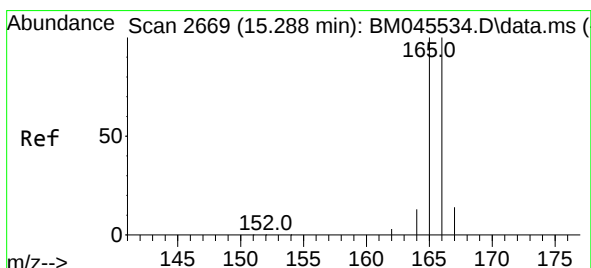
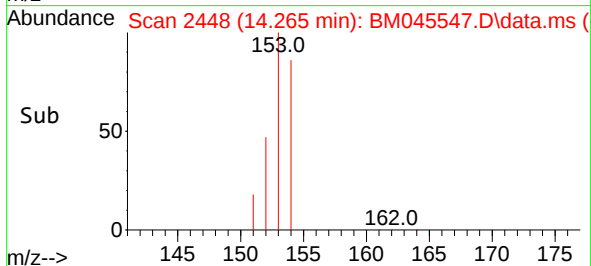
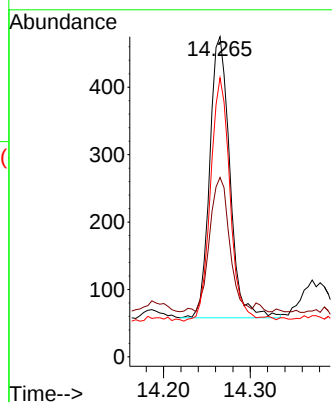
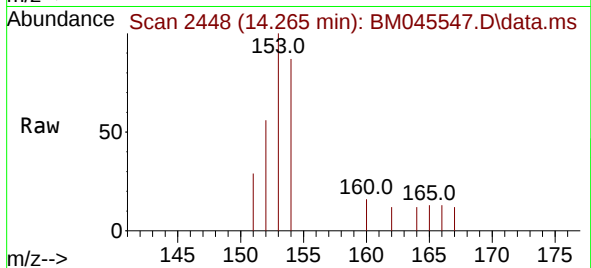
Ion	Ratio	Lower	Upper
153	100		
152	56.0	43.4	65.2
154	87.2	69.0	103.6

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#12

Fluorene

Concen: 0.230 ng/ul

RT: 15.264 min Scan# 2664

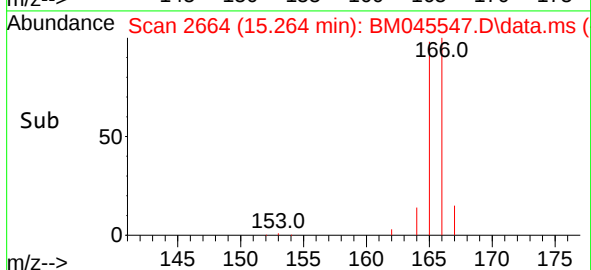
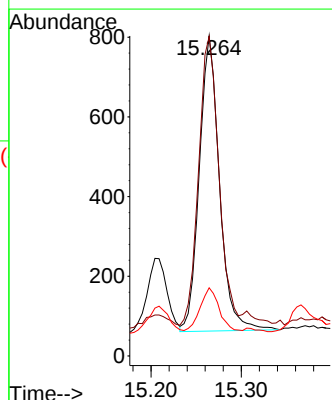
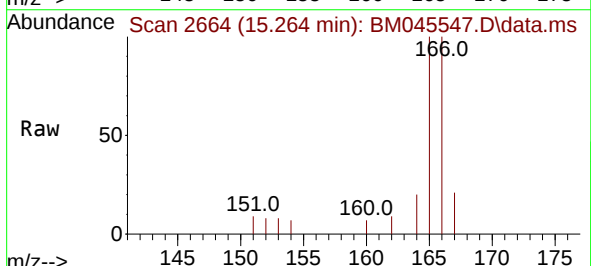
Delta R.T. -0.014 min

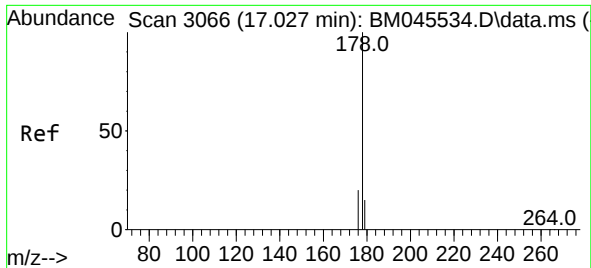
Lab File: BM045547.D

Acq: 25 Apr 2024 03:29

Tgt Ion:166 Resp: 1151

Ion	Ratio	Lower	Upper
166	100		
165	99.9	82.2	123.2
167	21.3	14.8	22.2





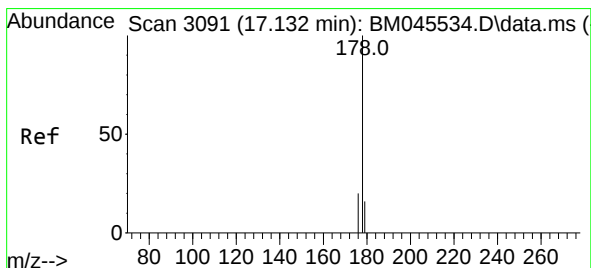
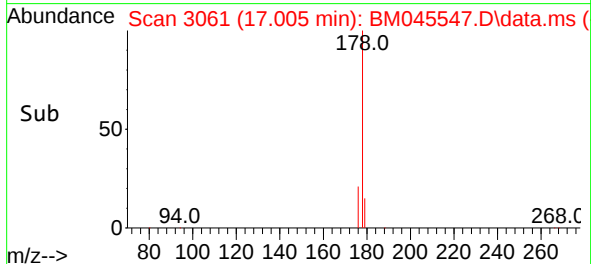
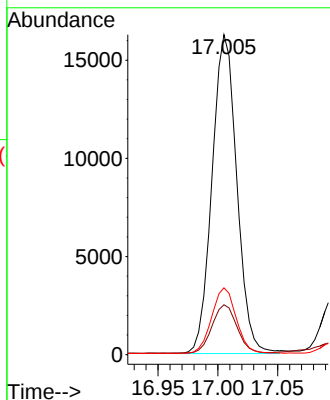
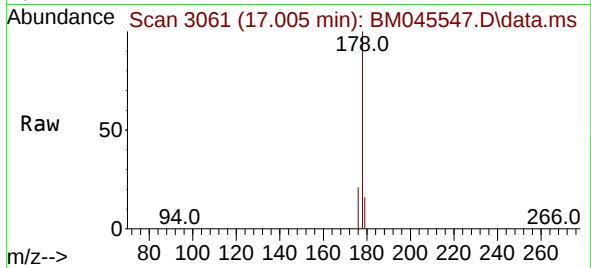
#15
Phenanthrene
Concen: 3.148 ng/ul m
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:178 Resp: 2342
Ion Ratio Lower Upper
178 100
179 15.6 15.4 23.2
176 20.9 19.0 28.4

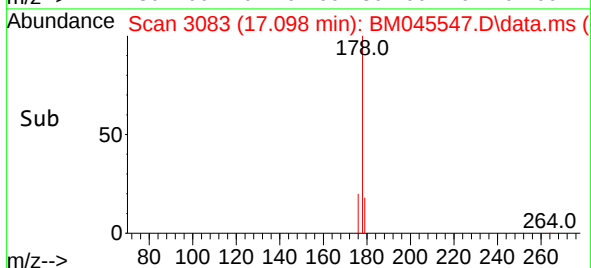
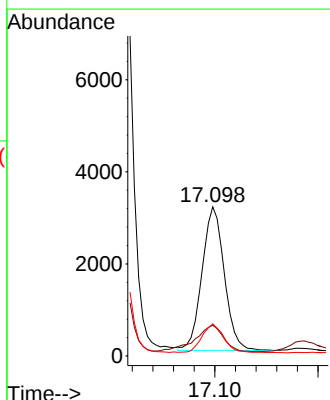
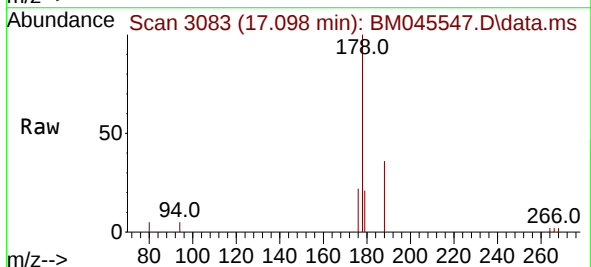
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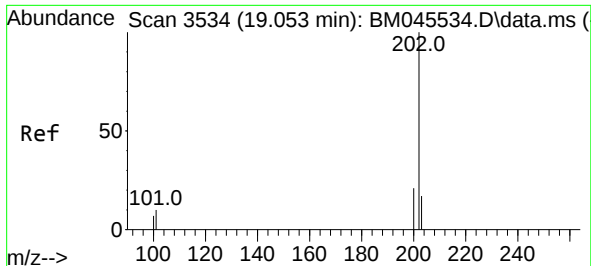
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.669 ng/ul
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

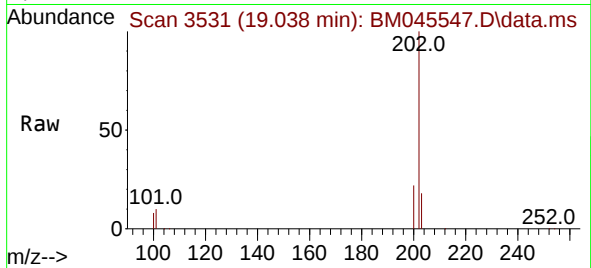
Tgt Ion:178 Resp: 4660
Ion Ratio Lower Upper
178 100
179 20.6 17.8 26.6
176 21.5 18.7 28.1





#19
Fluoranthene
Concen: 3.389 ng/ul
RT: 19.038 min Scan# 3534
Delta R.T. -0.009 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

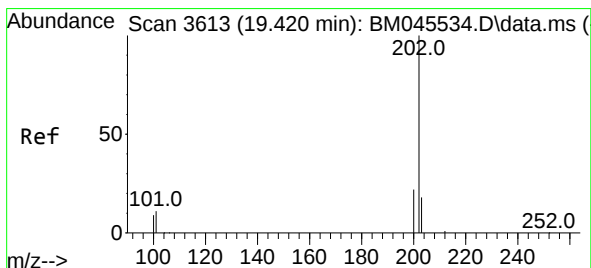
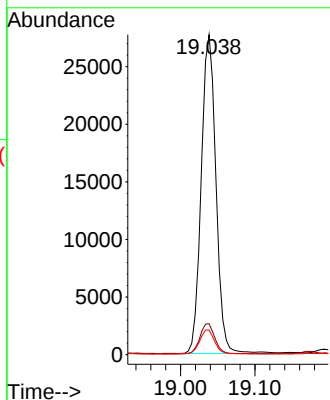
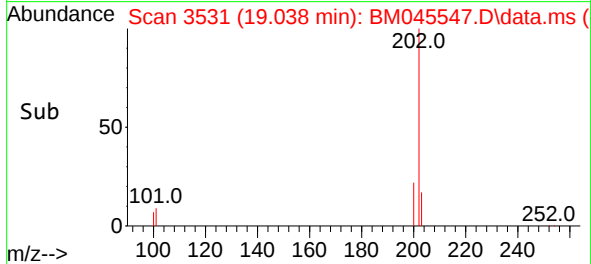
Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:202 Resp: 38040
Ion Ratio Lower Upper
202 100
101 9.7 11.2 16.8
100 7.7 9.1 13.7

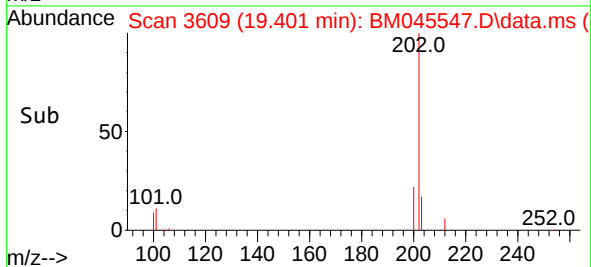
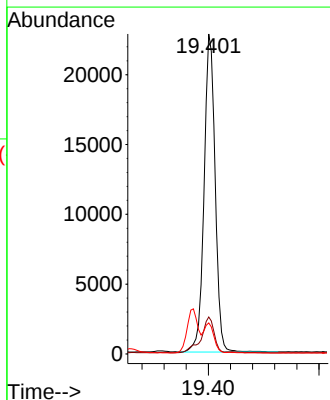
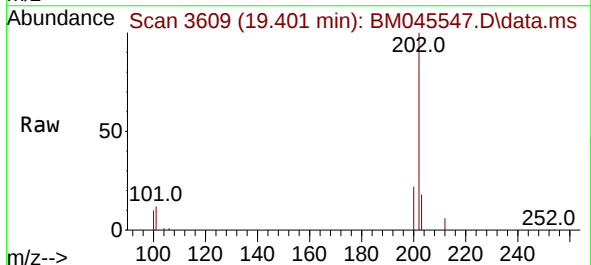
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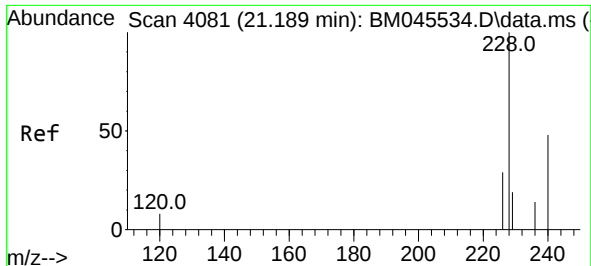
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 2.751 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

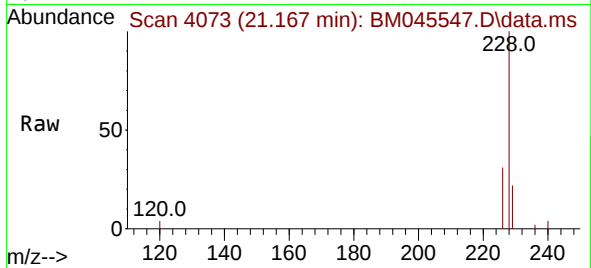
Tgt Ion:202 Resp: 31738
Ion Ratio Lower Upper
202 100
101 11.6 11.5 17.3
100 9.7 10.6 15.8





#21
Benzo(a)anthracene
Concen: 2.144 ng/ul
RT: 21.167 min Scan# 4081
Delta R.T. -0.014 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

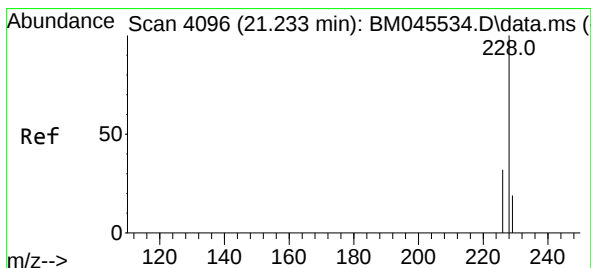
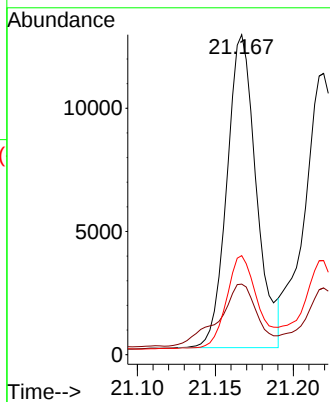
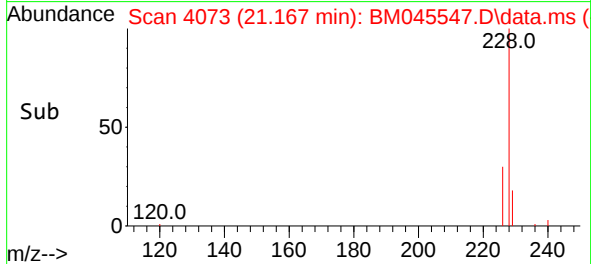
Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:228 Resp: 16668
Ion Ratio Lower Upper
228 100
229 22.0 19.4 29.2
226 31.0 26.3 39.5

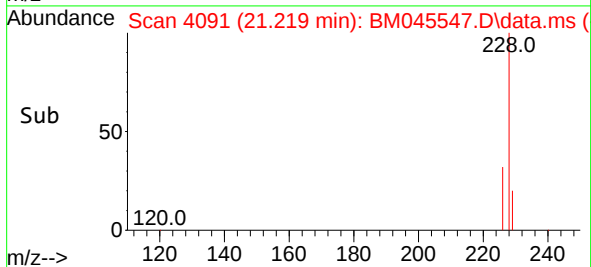
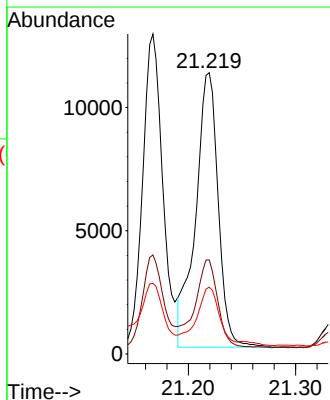
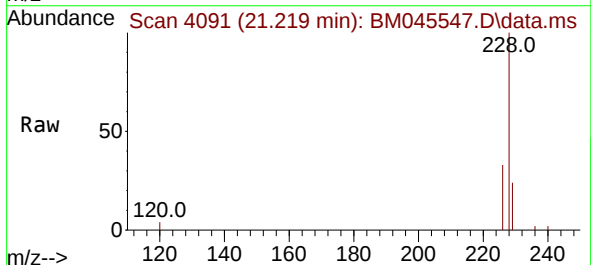
Manual Integrations
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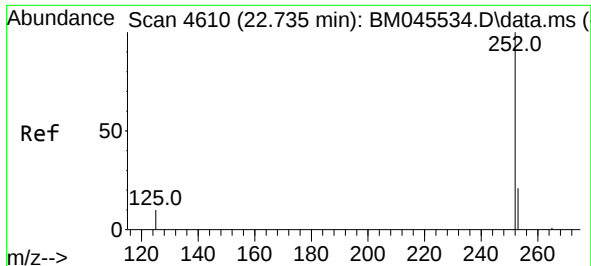
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 1.370 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

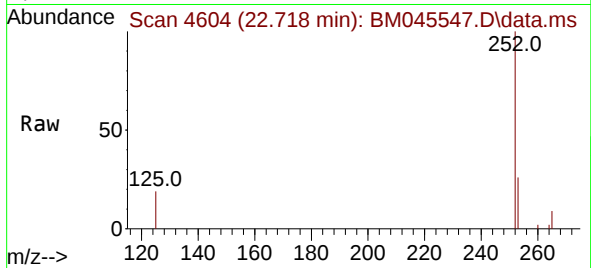
Tgt Ion:228 Resp: 16369
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 23.7 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.172 ng/ul m
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

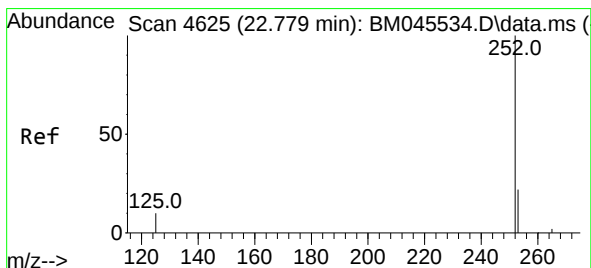
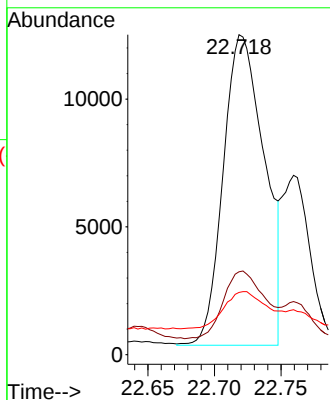
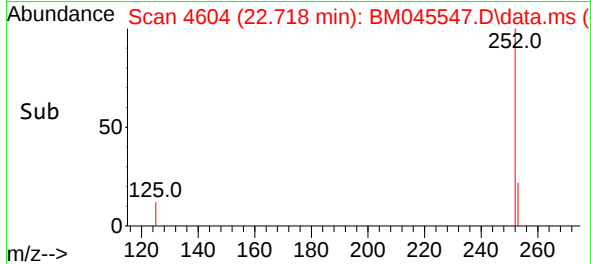
Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:252 Resp: 26158
Ion Ratio Lower Upper
252 100
253 25.9 0.0 63.4
125 19.4 0.0 36.8

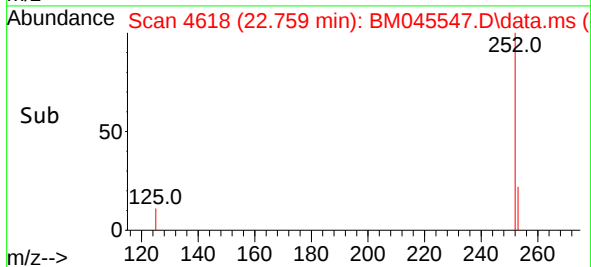
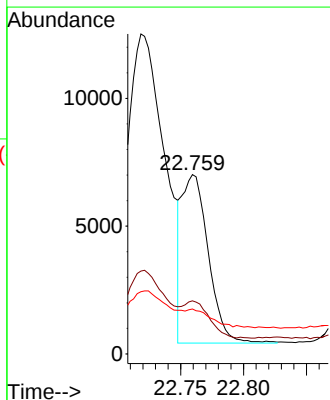
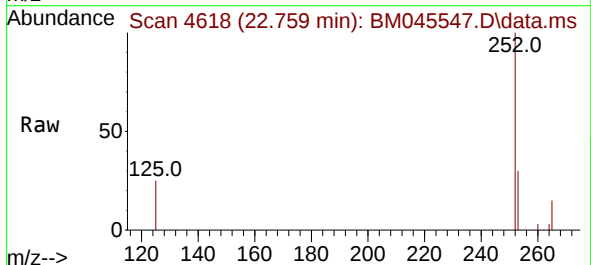
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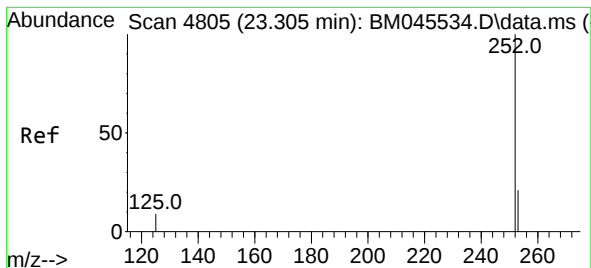
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.632 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

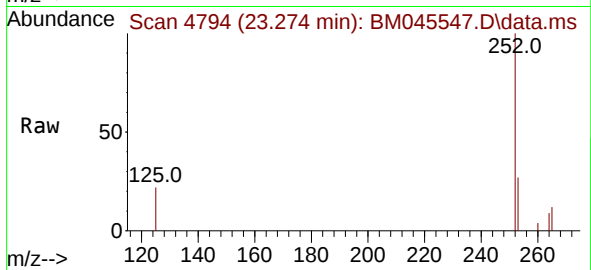
Tgt Ion:252 Resp: 9617
Ion Ratio Lower Upper
252 100
253 29.6 25.4 38.0
125 25.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.471 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.017 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

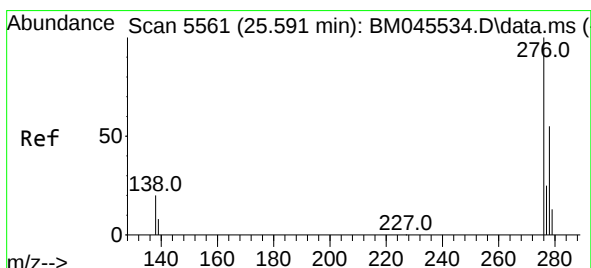
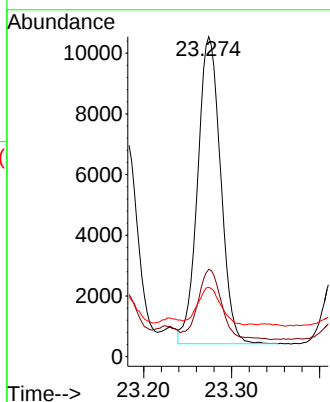
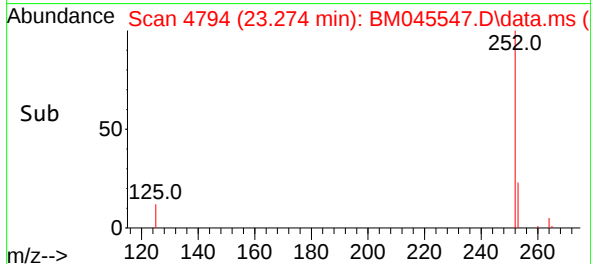
Instrument :
BNA_M
ClientSampleId :
C0AB0



Tgt Ion:252 Resp: 1837
Ion Ratio Lower Upper
252 100
253 27.3 31.6 47.4
125 21.7 19.5 29.3

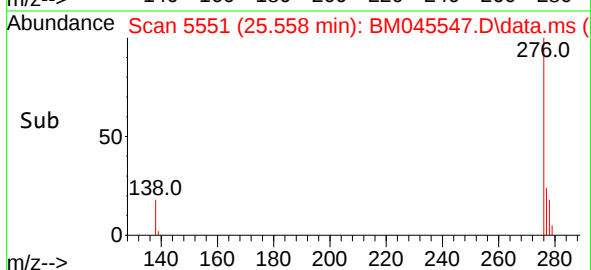
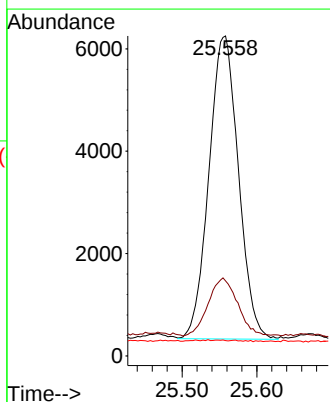
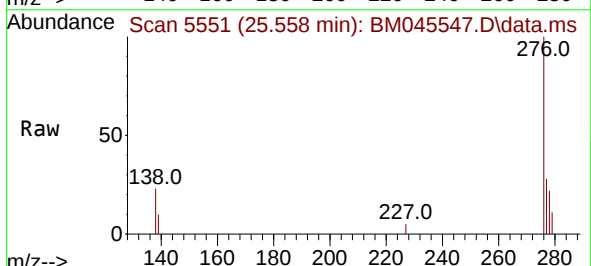
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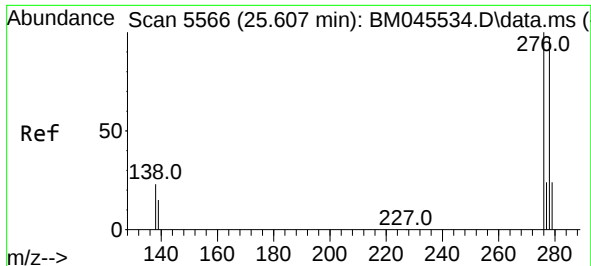
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.896 ng/ul
RT: 25.558 min Scan# 5551
Delta R.T. -0.013 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

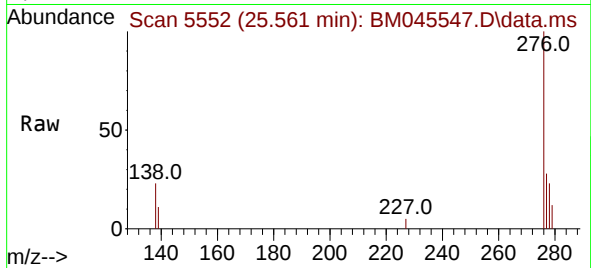
Tgt Ion:276 Resp: 16262
Ion Ratio Lower Upper
276 100
138 20.0 19.8 29.6
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.274 ng/ul
RT: 25.561 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29

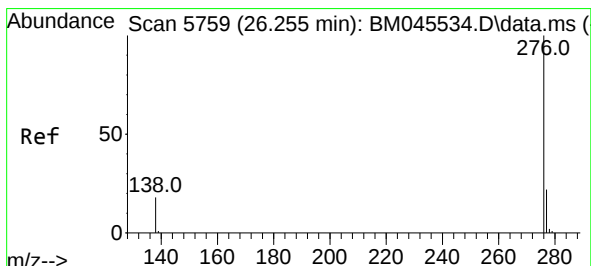
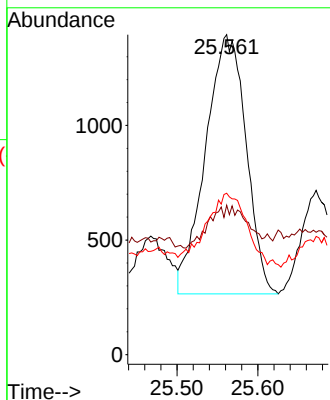
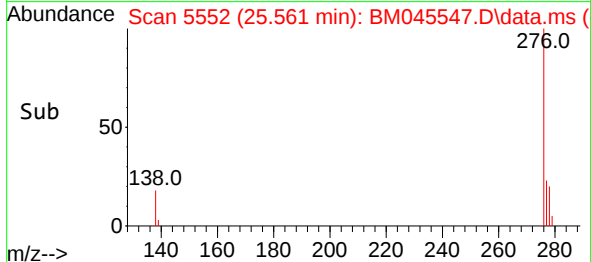
Instrument :
BNA_M
ClientSampleId :
C0AB0



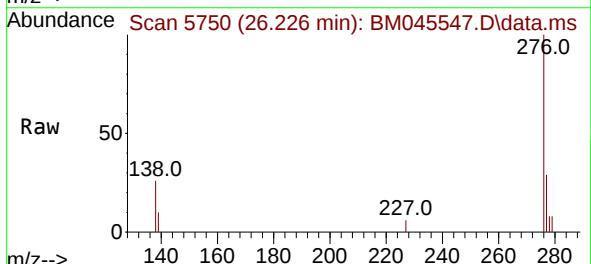
Tgt Ion:278 Resp: 394
Ion Ratio Lower Upper
278 100
139 46.7 19.0 28.6
279 50.4 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.850 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.010 min
Lab File: BM045547.D
Acq: 25 Apr 2024 03:29



Tgt Ion:276 Resp: 13864
Ion Ratio Lower Upper
276 100
138 25.7 20.8 31.2
277 28.9 21.8 32.8

