

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045609.D
 Acq On : 27 Apr 2024 12:54
 Operator : MA/JU
 Sample : P2203-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CW8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 28 22:53:38 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 : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	688	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	1844	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	991	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.954	188	2008	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.172	240	1644	0.400	ng/ul	#-0.02
23) Perylene-d12	23.355	264	2262m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1344	1.457	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.914	152	281	0.116	ng/ul	-0.02
18) Fluoranthene-d10	18.996	212	560	0.108	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	4264	0.861	ng/ul#	90
7) 2-Methylnaphthalene	11.986	142	2120	0.750	ng/ul	99
8) 1-Methylnaphthalene	12.206	142	1190	0.375	ng/ul	97
10) Acenaphthylene	13.909	152	1851	0.379	ng/ul	93
11) Acenaphthene	14.251	153	340	0.094	ng/ul#	89
12) Fluorene	15.255	166	943	0.243	ng/ul#	94
15) Phenanthrene	16.997	178	11360	1.943	ng/ul	95
16) Anthracene	17.090	178	2585	0.472	ng/ul	95
19) Fluoranthene	19.029	202	17117	2.256	ng/ul#	90
20) Pyrene	19.391	202	17285	2.217	ng/ul#	94
21) Benzo(a)anthracene	21.158	228	9856	1.876	ng/ul	98
22) Chrysene	21.210	228	11805	1.461	ng/ul	98
24) Benzo(b)fluoranthene	22.706	252	23006	3.024	ng/ul	90
25) Benzo(k)fluoranthene	22.747	252	7719m	0.803	ng/ul	
26) Benzo(a)pyrene	23.262	252	14705	1.863	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.534	276	15594	1.360	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.541	278	4264	0.469	ng/ul#	72
29) Benzo(g,h,i)perylene	26.198	276	17122	1.661	ng/ul	98

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

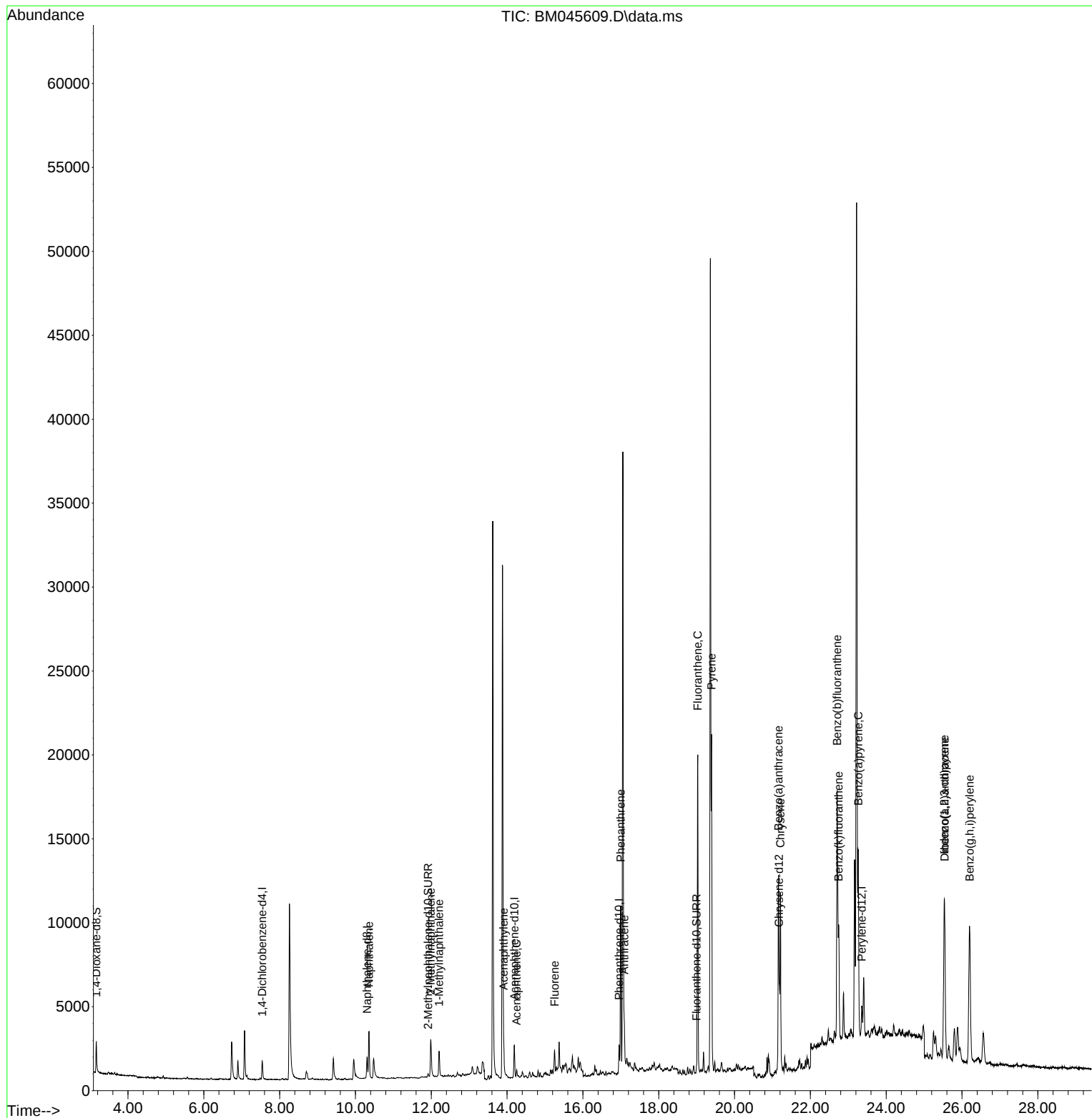
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045609.D
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Sample : P2203-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

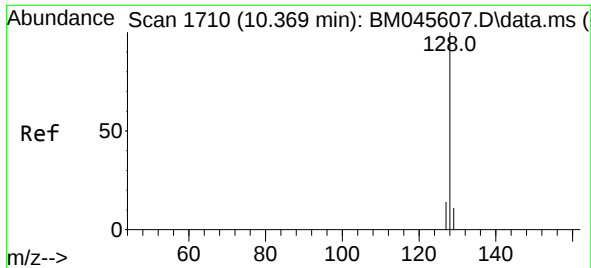
Instrument :
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ClientSampleId :
E1CW8DL

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Supervised By :mohammad ahmed 04/30/2024

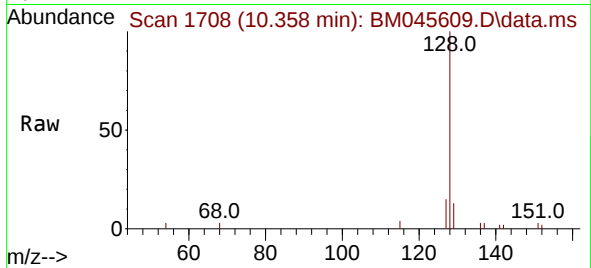
Quant Time: Apr 28 22:53:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.861 ng/ul
RT: 10.358 min Scan# 1710
Delta R.T. -0.022 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

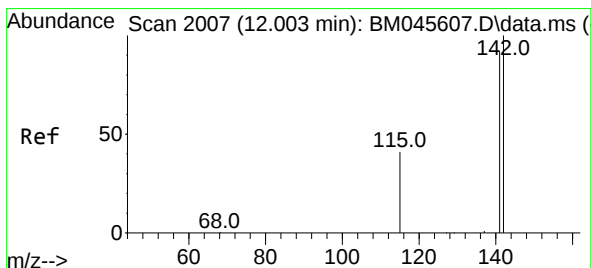
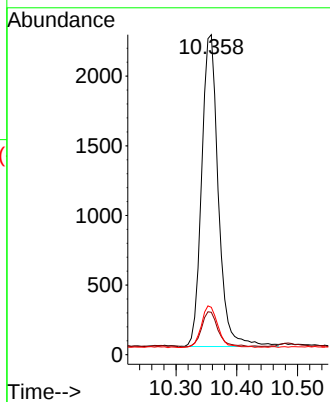
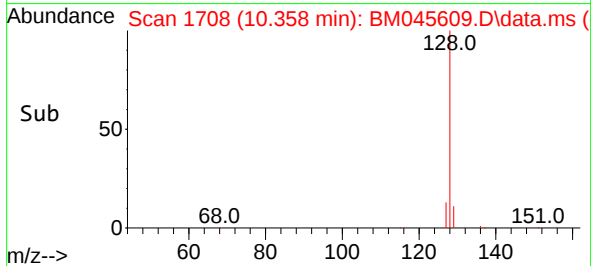
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



Tgt Ion:128 Resp: 4264
Ion Ratio Lower Upper
128 100
129 13.3 14.0 21.0
127 14.8 15.4 23.2

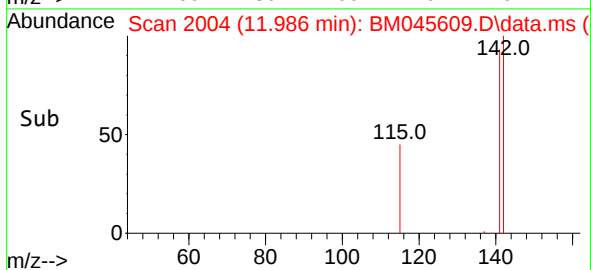
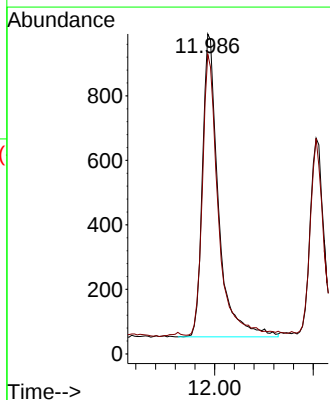
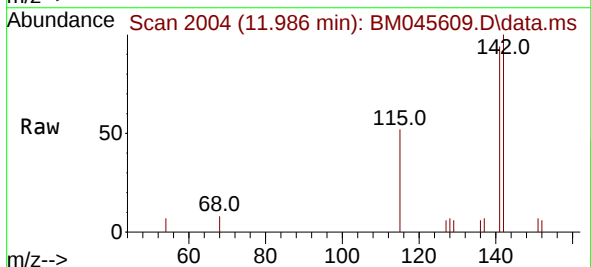
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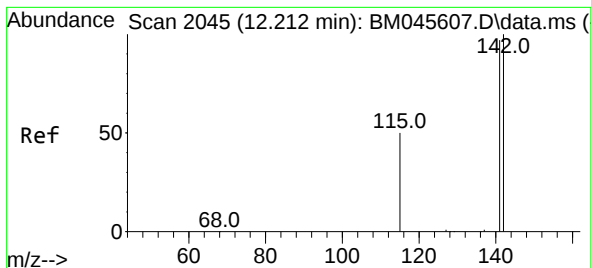
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#7
2-Methylnaphthalene
Concen: 0.750 ng/ul
RT: 11.986 min Scan# 2004
Delta R.T. -0.022 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

Tgt Ion:142 Resp: 2120
Ion Ratio Lower Upper
142 100
141 92.3 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 12.206 min Scan# 2044

Delta R.T. -0.016 min

Lab File: BM045609.D

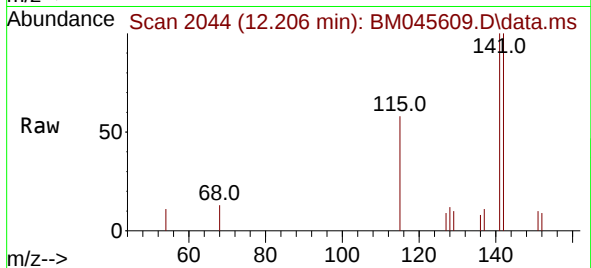
Acq: 27 Apr 2024 12:54

Instrument :

BNA_M

ClientSampleId :

E1CW8DL



Tgt Ion:142 Resp: 1190

Ion Ratio Lower Upper

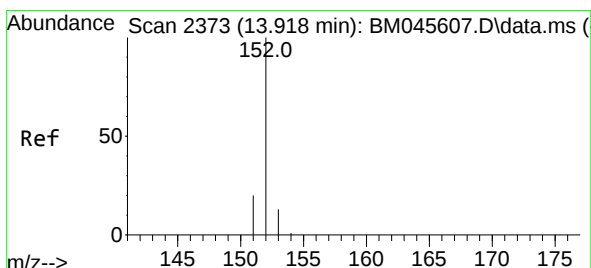
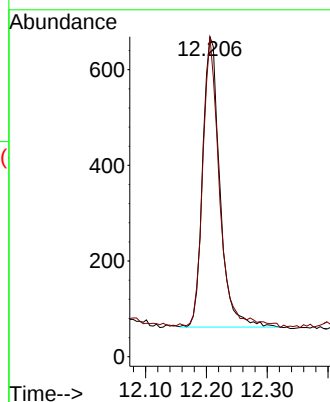
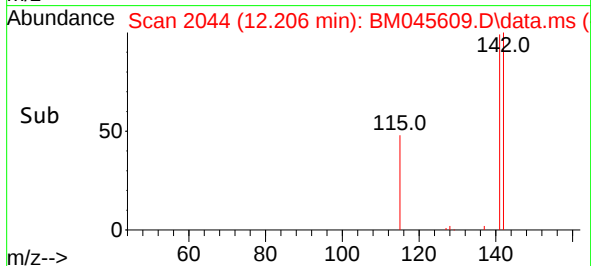
142 100

141 98.2 76.1 114.1

Manual Integrations

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Supervised By :mohammad ahmed 04/30/2024



#10

Acenaphthylene

Concen: 0.379 ng/ul

RT: 13.909 min Scan# 2371

Delta R.T. -0.018 min

Lab File: BM045609.D

Acq: 27 Apr 2024 12:54

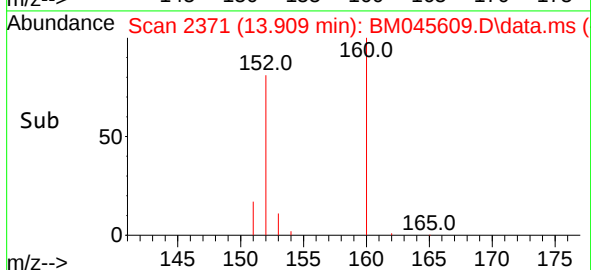
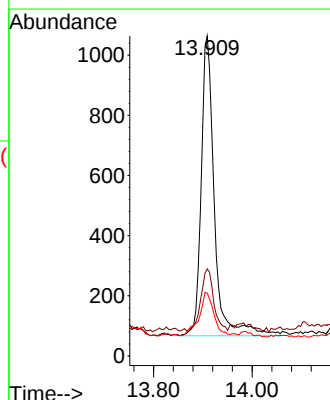
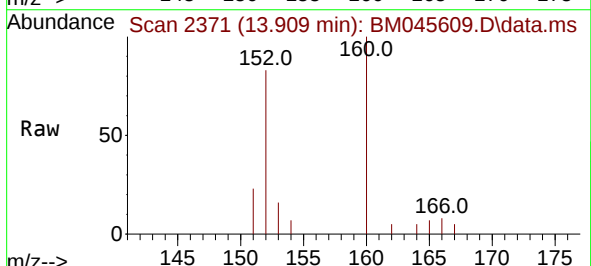
Tgt Ion:152 Resp: 1851

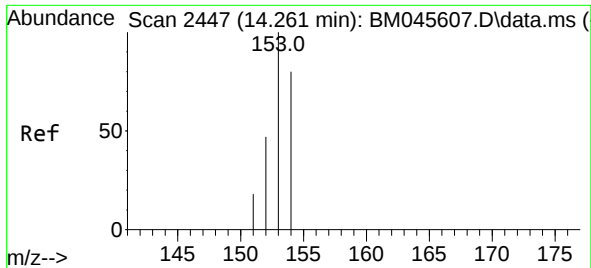
Ion Ratio Lower Upper

152 100

151 27.3 18.6 28.0

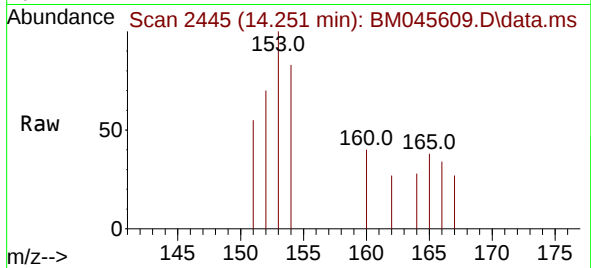
153 19.6 14.1 21.1





#11
Acenaphthene
Concen: 0.094 ng/u1
RT: 14.251 min Scan# 2445
Delta R.T. -0.018 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

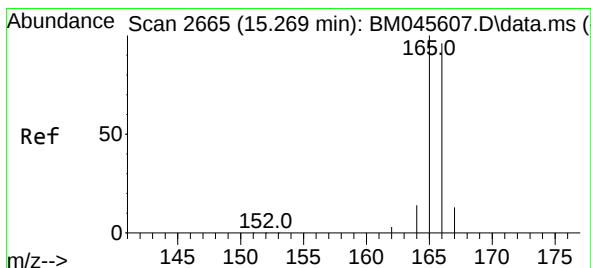
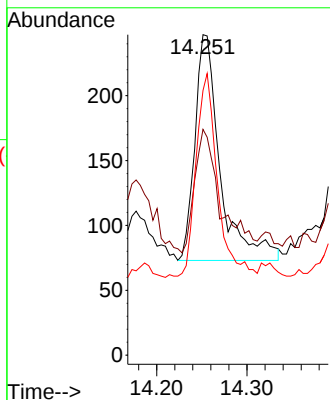
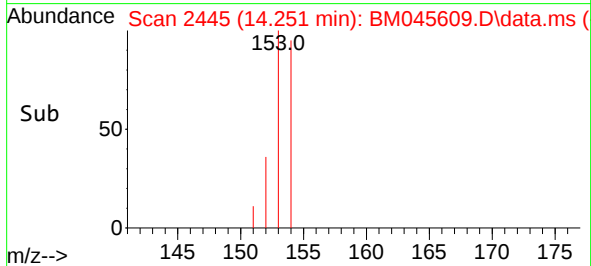
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



Tgt Ion:153 Resp: 340
Ion Ratio Lower Upper
153 100
152 70.4 43.4 65.2
154 82.6 69.0 103.6

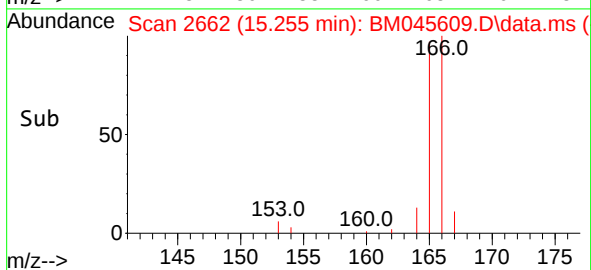
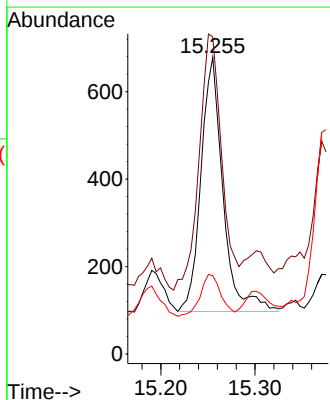
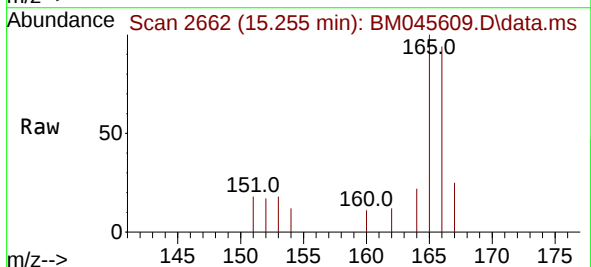
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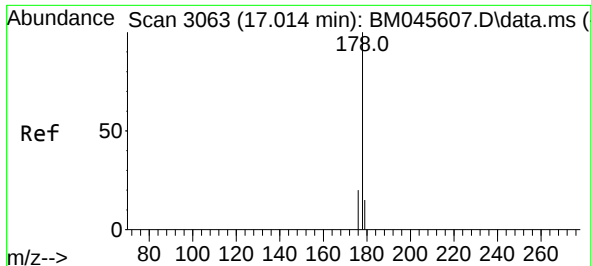
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
Fluorene
Concen: 0.243 ng/u1
RT: 15.255 min Scan# 2662
Delta R.T. -0.023 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

Tgt Ion:166 Resp: 943
Ion Ratio Lower Upper
166 100
165 106.8 82.2 123.2
167 26.4 14.8 22.2#





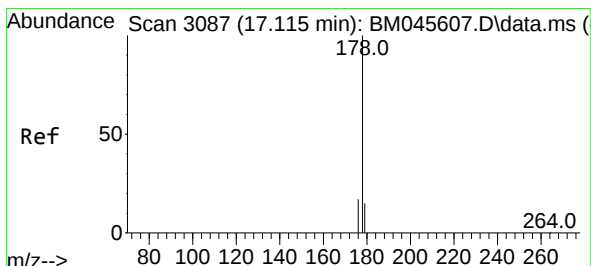
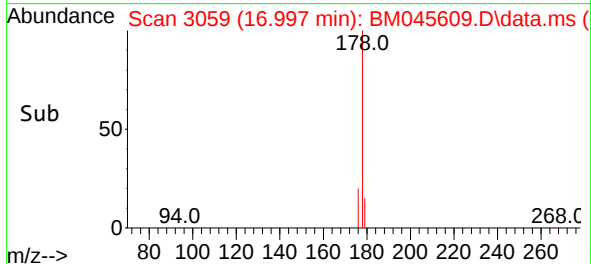
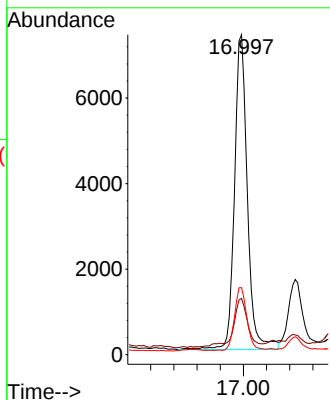
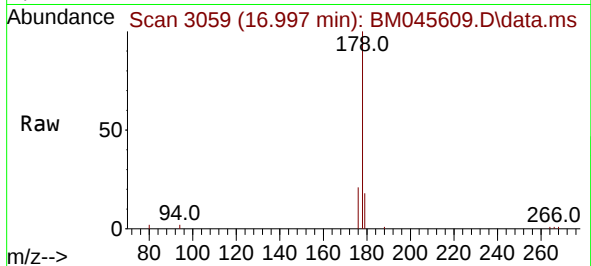
#15
Phenanthrene
Concen: 1.943 ng/ul
RT: 16.997 min Scan# 3063
Delta R.T. -0.025 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

Instrument :
BNA_M
ClientSampleId :
E1CW8DL

Tgt Ion:178 Resp: 11360
Ion Ratio Lower Upper
178 100
179 17.5 15.4 23.2
176 21.0 19.0 28.4

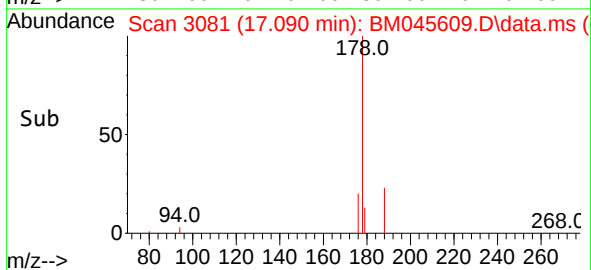
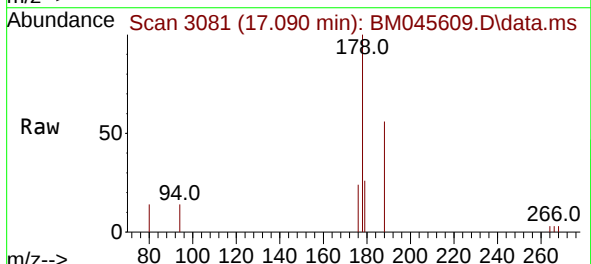
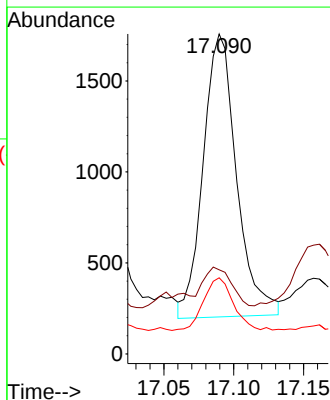
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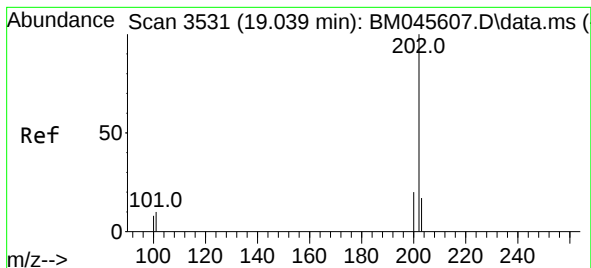
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#16
Anthracene
Concen: 0.472 ng/ul
RT: 17.090 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

Tgt Ion:178 Resp: 2585
Ion Ratio Lower Upper
178 100
179 26.3 17.8 26.6
176 23.8 18.7 28.1





#19

Fluoranthene

Concen: 2.256 ng/u1

RT: 19.029 min Scan# 3

Delta R.T. -0.019 min

Lab File: BM045609.D

Acq: 27 Apr 2024 12:54

Instrument :

BNA_M

ClientSampleId :

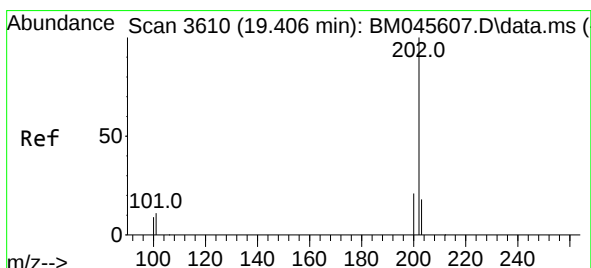
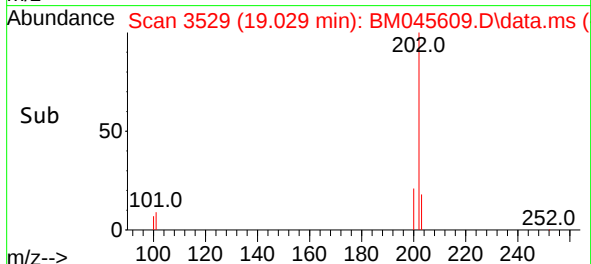
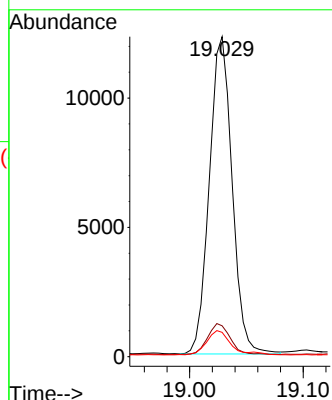
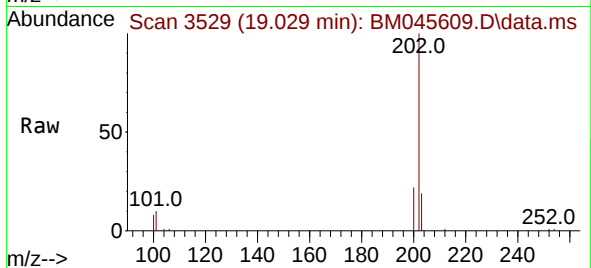
E1CW8DL

Tgt Ion:	202	Resp:	1711
Ion Ratio	Lower	Upper	
202	100		
101	9.6	11.2	16.8
100	7.6	9.1	13.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#20

Pyrene

Concen: 2.217 ng/u1

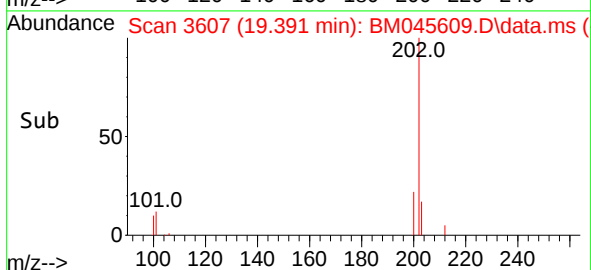
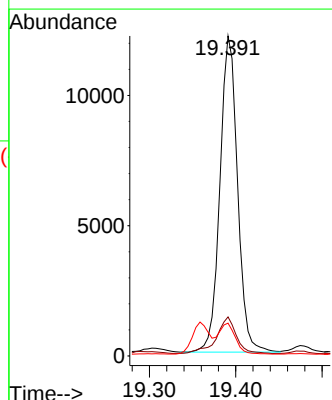
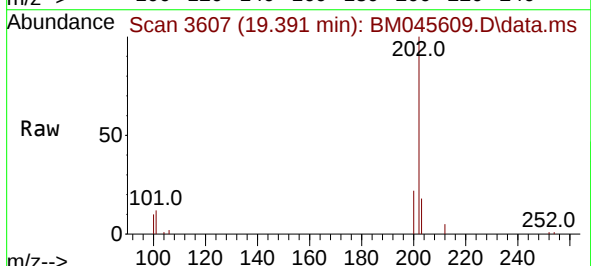
RT: 19.391 min Scan# 3607

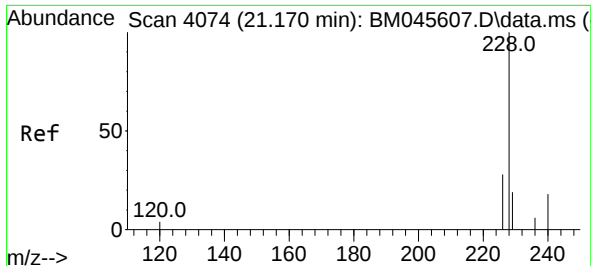
Delta R.T. -0.023 min

Lab File: BM045609.D

Acq: 27 Apr 2024 12:54

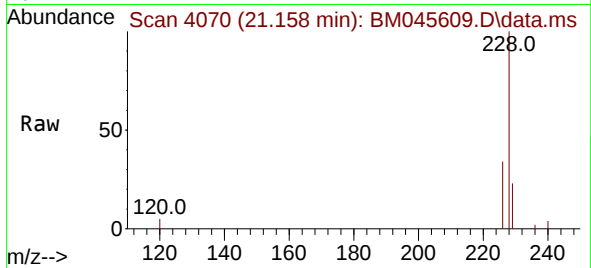
Tgt Ion:	202	Resp:	17285
Ion Ratio	Lower	Upper	
202	100		
101	12.2	11.5	17.3
100	10.3	10.6	15.8





#21
Benzo(a)anthracene
Concen: 1.876 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.024 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

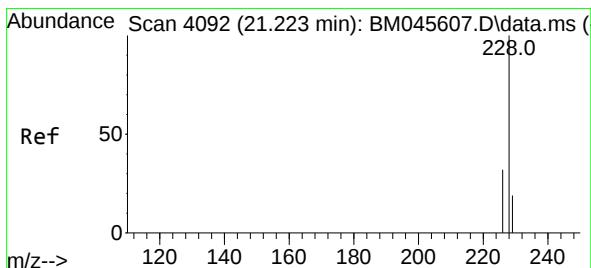
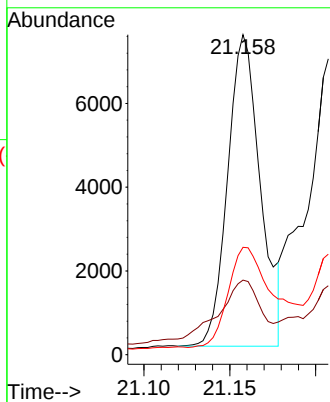
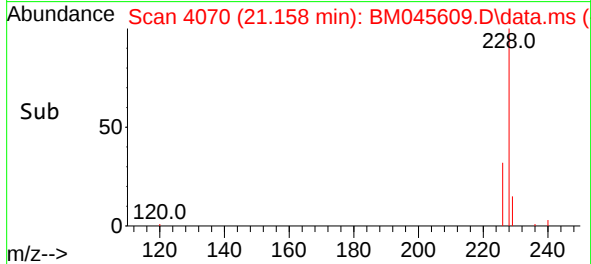
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



Tgt Ion:228 Resp: 9850
Ion Ratio Lower Upper
228 100
229 23.3 19.4 29.2
226 33.6 26.3 39.5

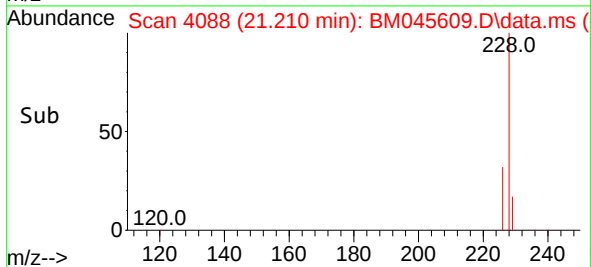
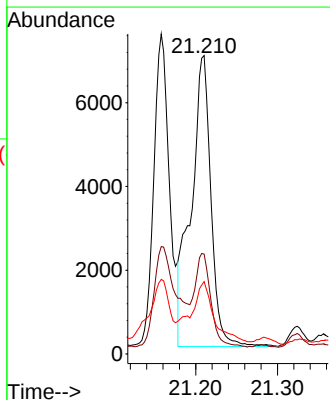
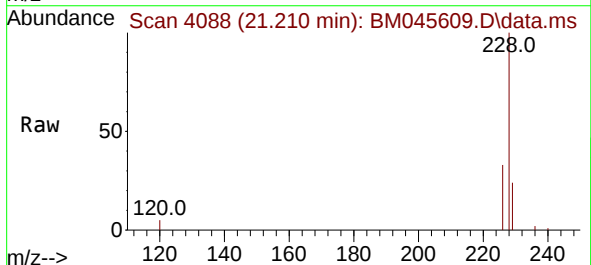
Manual Integrations
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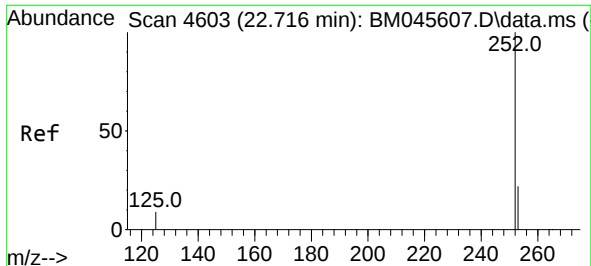
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#22
Chrysene
Concen: 1.461 ng/ul
RT: 21.210 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

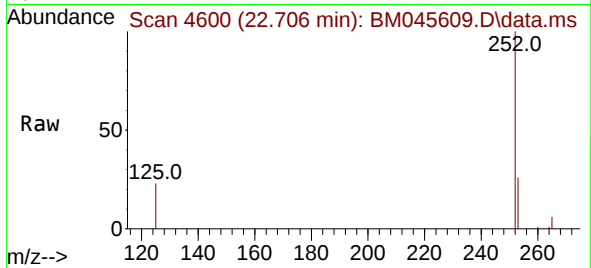
Tgt Ion:228 Resp: 11805
Ion Ratio Lower Upper
228 100
226 33.5 26.3 39.5
229 24.3 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 3.024 ng/ul
RT: 22.706 min Scan# 4600
Delta R.T. -0.024 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

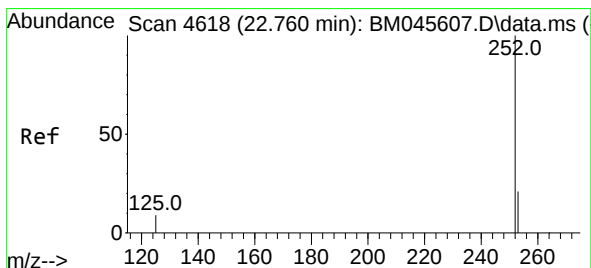
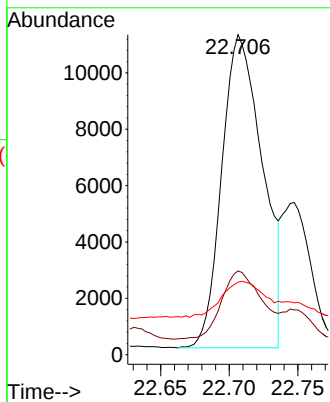
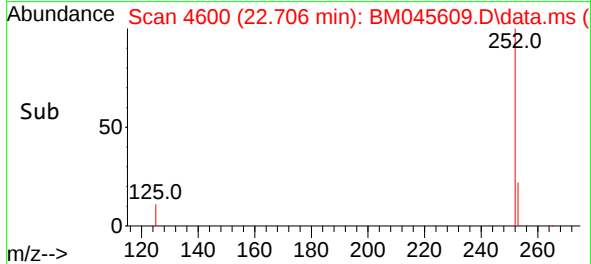
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



Tgt Ion:252 Resp: 23000
Ion Ratio Lower Upper
252 100
253 26.1 0.0 63.4
125 22.6 0.0 36.8

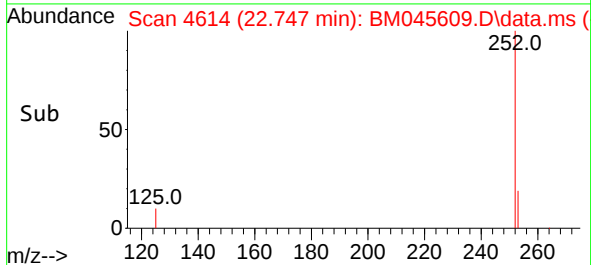
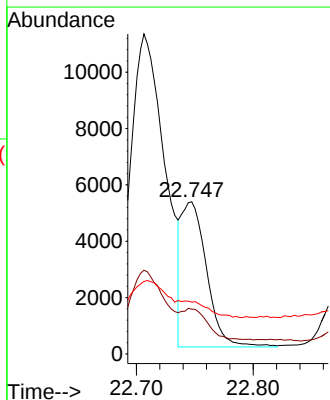
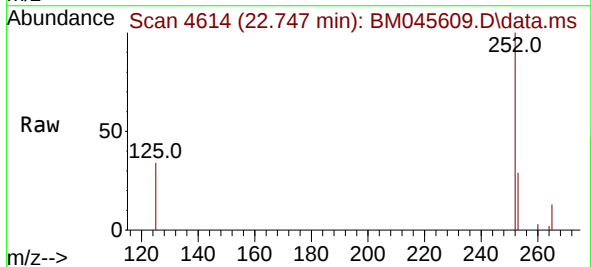
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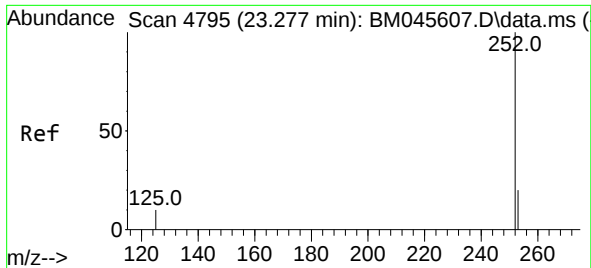
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.803 ng/ul m
RT: 22.747 min Scan# 4614
Delta R.T. -0.024 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

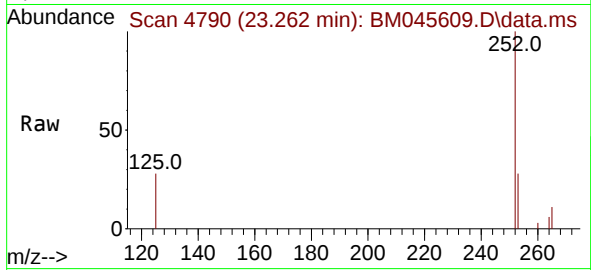
Tgt Ion:252 Resp: 7719
Ion Ratio Lower Upper
252 100
253 29.5 25.4 38.0
125 34.0 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.863 ng/ul
RT: 23.262 min Scan# 4790
Delta R.T. -0.029 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

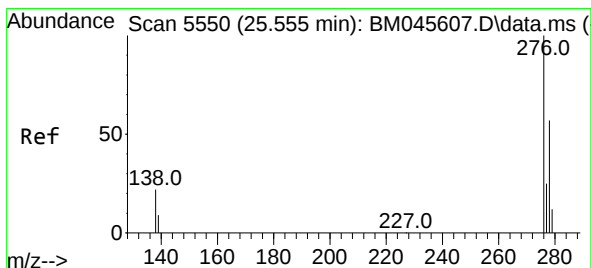
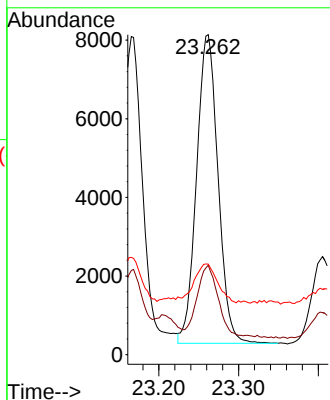
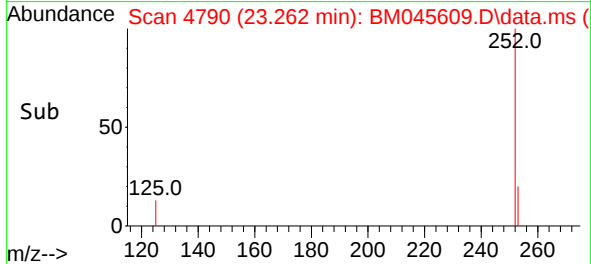
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



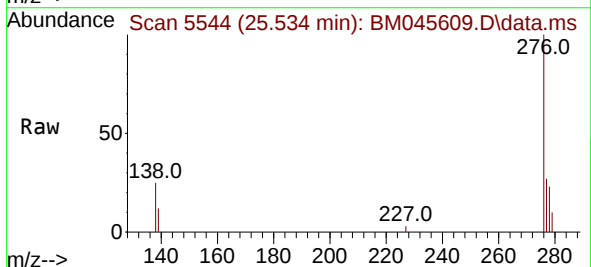
Tgt Ion:252 Resp: 1470
Ion Ratio Lower Upper
252 100
253 28.0 31.6 47.4
125 28.3 19.5 29.3

Manual Integrations
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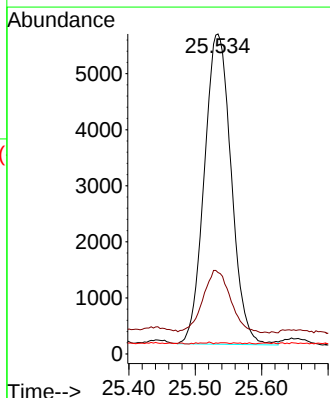
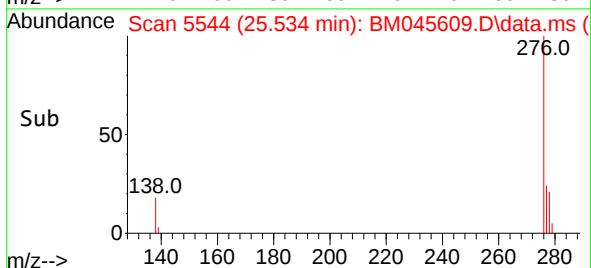
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

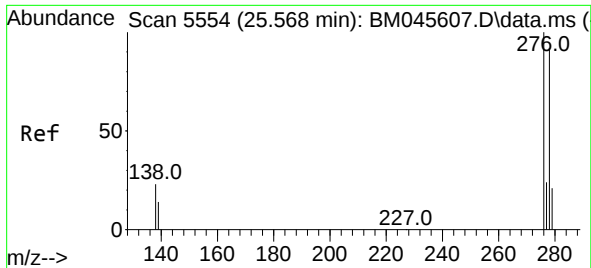


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.360 ng/ul
RT: 25.534 min Scan# 5544
Delta R.T. -0.037 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54



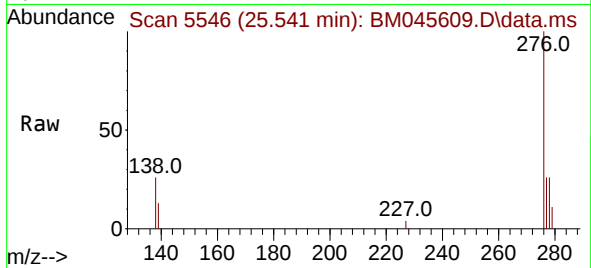
Tgt Ion:276 Resp: 15594
Ion Ratio Lower Upper
276 100
138 20.8 19.8 29.6
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 25.541 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

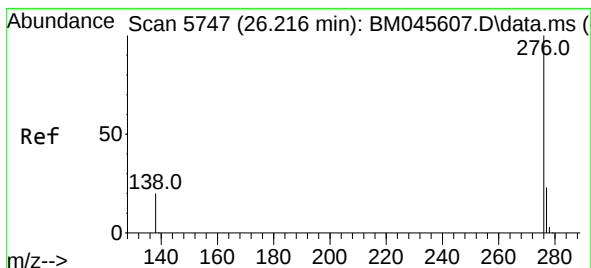
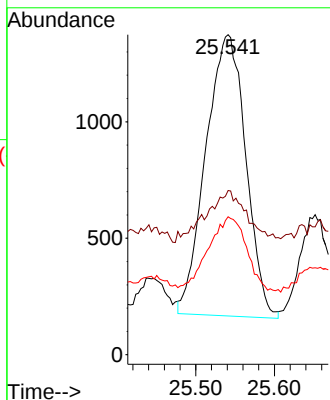
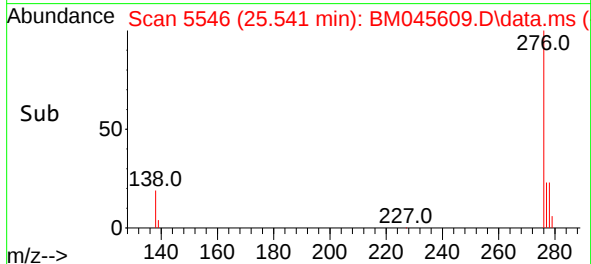
Instrument :
BNA_M
ClientSampleId :
E1CW8DL



Tgt Ion:278 Resp: 4264
Ion Ratio Lower Upper
278 100
139 51.3 19.0 28.6
279 43.1 29.4 44.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#29
Benzo(g,h,i)perylene
Concen: 1.661 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.037 min
Lab File: BM045609.D
Acq: 27 Apr 2024 12:54

Tgt Ion:276 Resp: 17122
Ion Ratio Lower Upper
276 100
138 25.6 20.8 31.2
277 25.5 21.8 32.8

