

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045546.D
 Acq On : 25 Apr 2024 02:52
 Operator : MA/JU
 Sample : P2104-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

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

Quant Time: Apr 25 03:26:18 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	1090	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2798	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	1409	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	2871m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.182	240	2642m	0.400	ng/ul	-0.01
23) Perylene-d12	23.371	264	3591m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	5533	3.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	900	0.244	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212	1793	0.216	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	2239	0.298	ng/ul	93
7) 2-Methylnaphthalene	11.997	142	1426	0.332	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	998	0.207	ng/ul	99
10) Acenaphthylene	13.918	152	9846	1.417	ng/ul	95
11) Acenaphthene	14.265	153	1488	0.288	ng/ul	99
12) Fluorene	15.265	166	1729	0.313	ng/ul	99
15) Phenanthrene	17.005	178	30154m	3.606	ng/ul	
16) Anthracene	17.098	178	13495	1.725	ng/ul#	91
19) Fluoranthene	19.038	202	86879m	7.126	ng/ul	
20) Pyrene	19.406	202	82002	6.543	ng/ul#	91
21) Benzo(a)anthracene	21.164	228	86802m	10.278	ng/ul	
22) Chrysene	21.217	228	87966	6.775	ng/ul	98
24) Benzo(b)fluoranthene	22.719	252	181993m	15.066	ng/ul	
25) Benzo(k)fluoranthene	22.760	252	63360m	4.151	ng/ul	
26) Benzo(a)pyrene	23.277	252	107164m	8.554	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.552	276	84936	4.665	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.558	278	23386	1.619	ng/ul	94
29) Benzo(g,h,i)perylene	26.222	276	69091	4.223	ng/ul	94

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

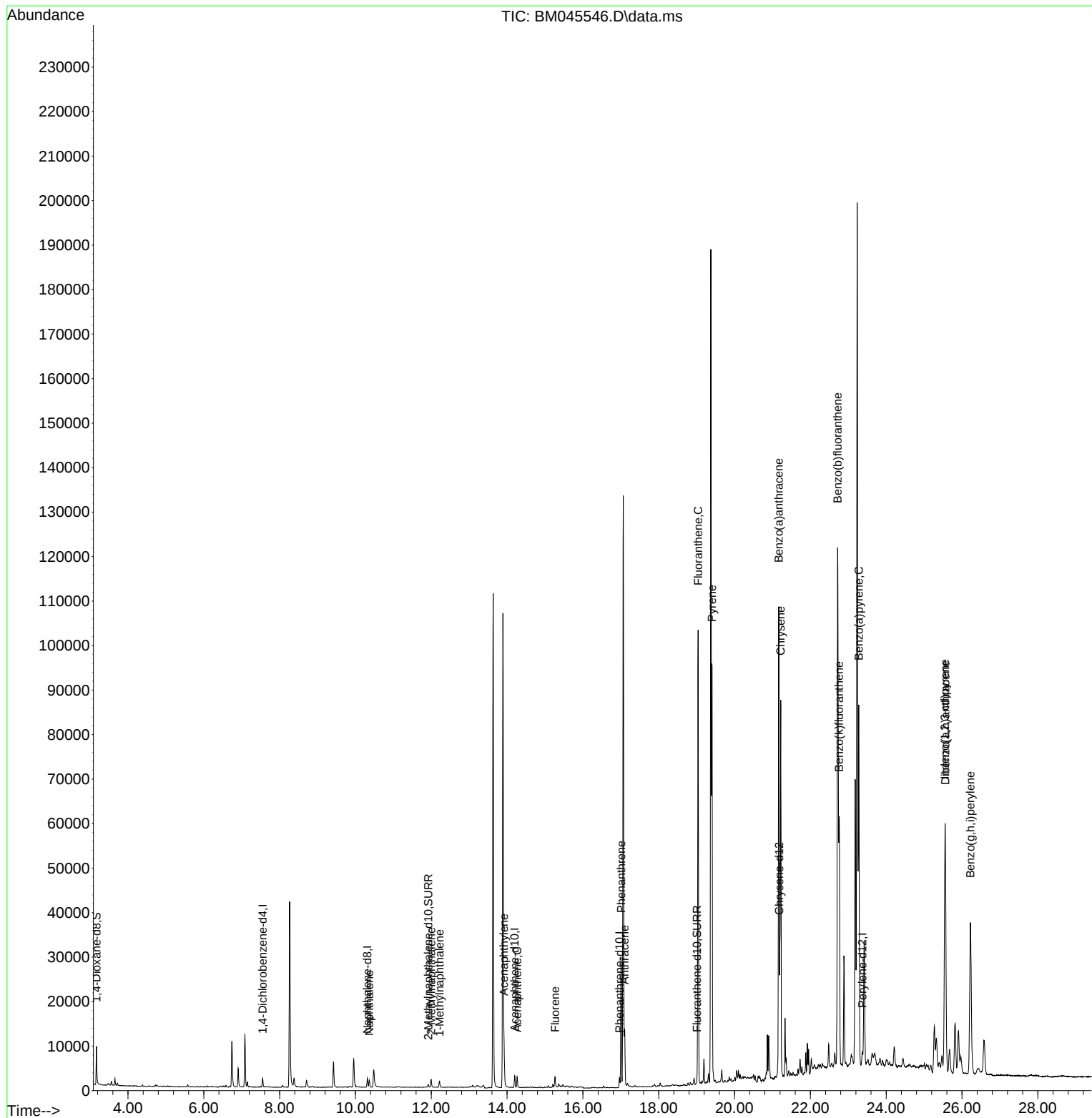
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045546.D
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Sample : P2104-09
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ALS Vial : 24 Sample Multiplier: 1

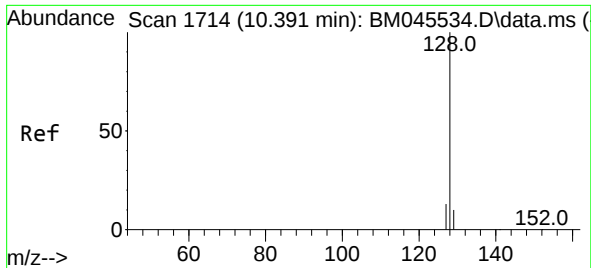
Instrument :
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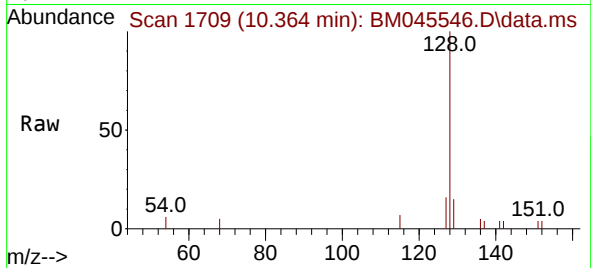
Quant Time: Apr 25 03:26:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.364 min Scan# 1714
Delta R.T. -0.016 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

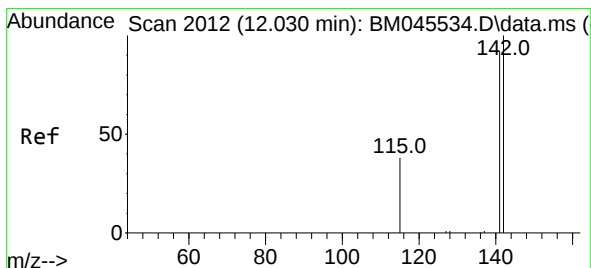
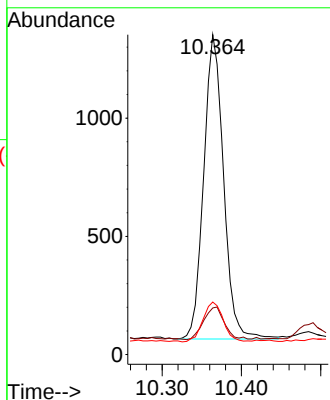
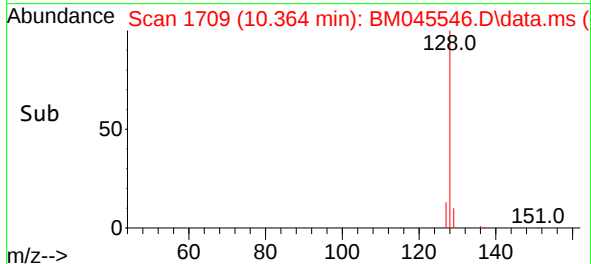
Instrument :
BNA_M
ClientSampleId :
C0AA9



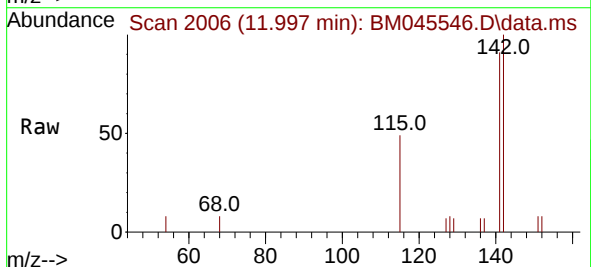
Tgt Ion:128 Resp: 2239
Ion Ratio Lower Upper
128 100
129 14.6 14.0 21.0
127 16.4 15.4 23.2

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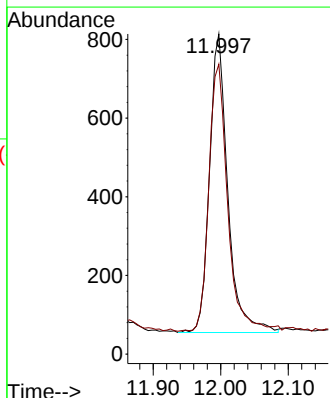
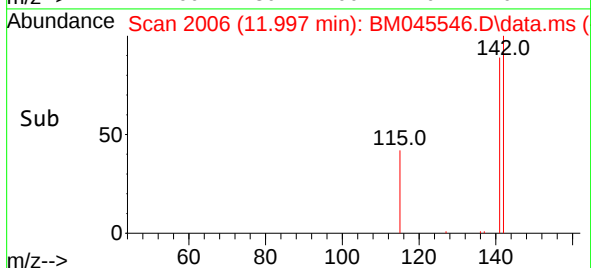
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

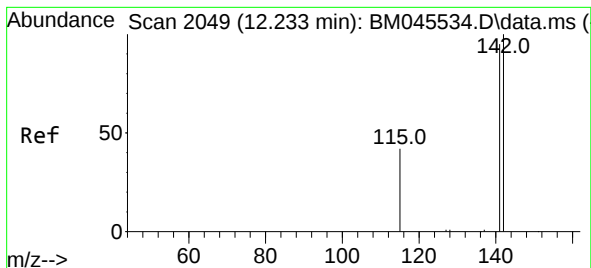


#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52



Tgt Ion:142 Resp: 1426
Ion Ratio Lower Upper
142 100
141 92.4 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.207 ng/ul

RT: 12.217 min Scan# 2046

Delta R.T. -0.005 min

Lab File: BM045546.D

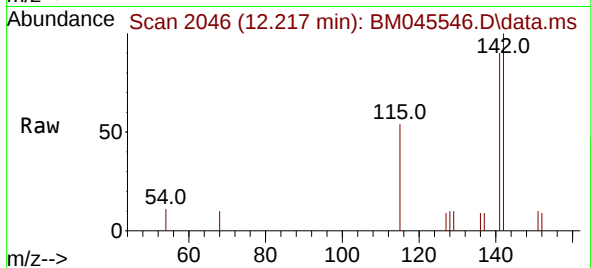
Acq: 25 Apr 2024 02:52

Instrument :

BNA_M

ClientSampleId :

C0AA9



Tgt Ion:142 Resp: 998

Ion Ratio Lower Upper

142 100

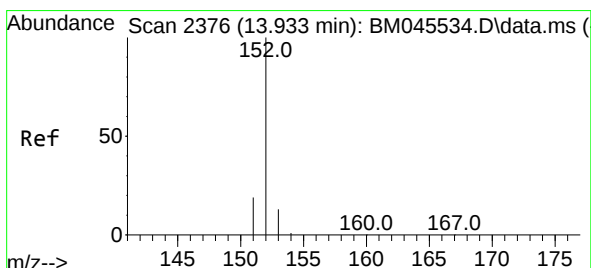
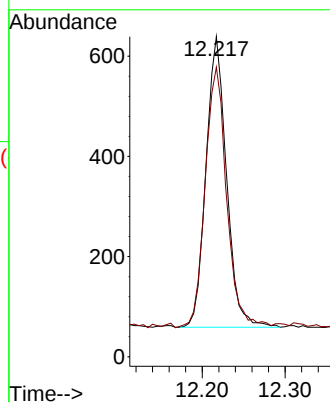
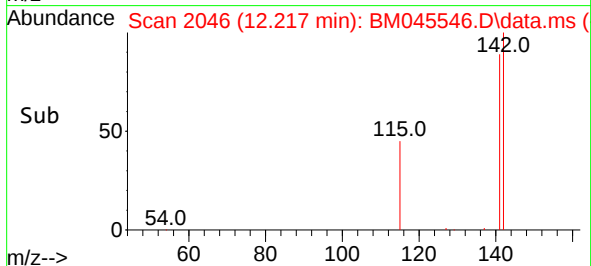
141 94.2 76.1 114.1

Manual Integrations

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#10

Acenaphthylene

Concen: 1.417 ng/ul

RT: 13.918 min Scan# 2373

Delta R.T. -0.009 min

Lab File: BM045546.D

Acq: 25 Apr 2024 02:52

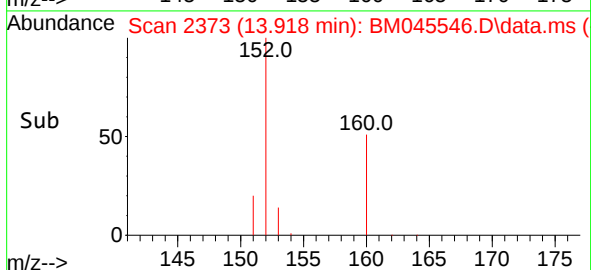
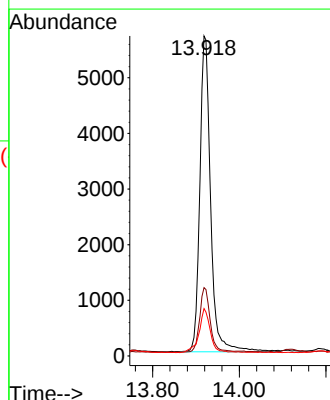
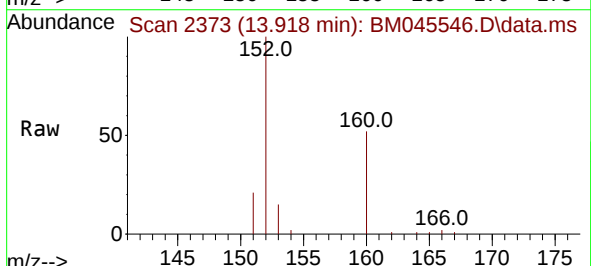
Tgt Ion:152 Resp: 9846

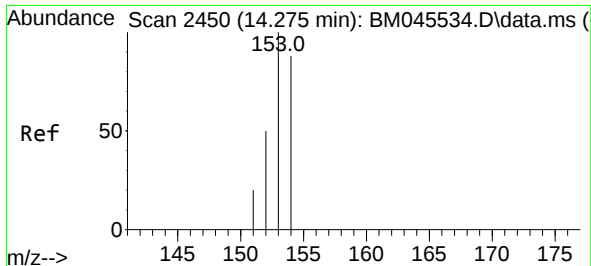
Ion Ratio Lower Upper

152 100

151 21.4 18.6 28.0

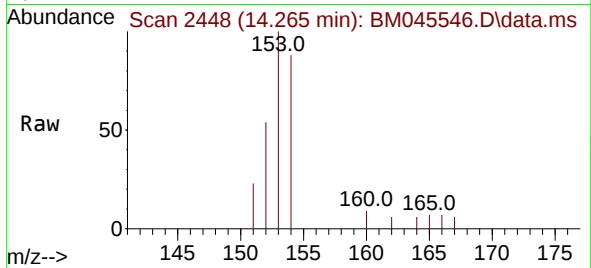
153 14.8 14.1 21.1





#11
Acenaphthene
Concen: 0.288 ng/u1
RT: 14.265 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

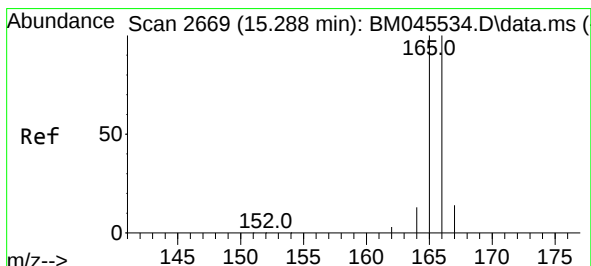
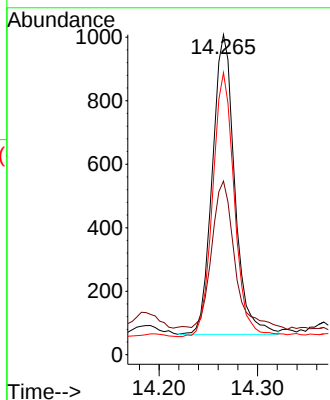
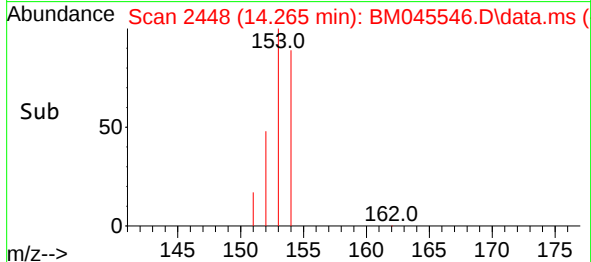
Instrument :
BNA_M
ClientSampleId :
C0AA9



Tgt Ion:153 Resp: 1488
Ion Ratio Lower Upper
153 100
152 54.3 43.4 65.2
154 88.1 69.0 103.6

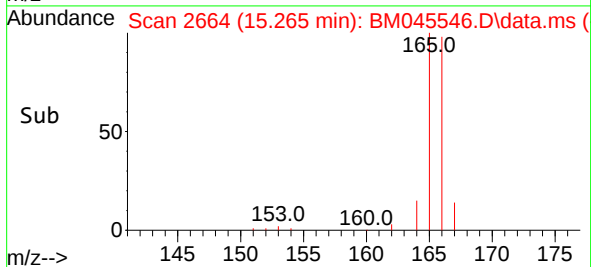
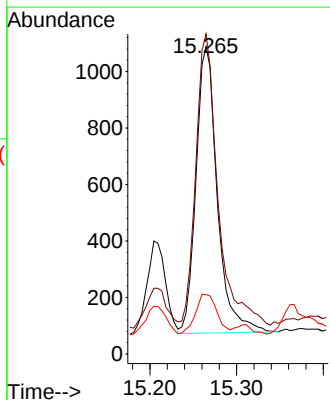
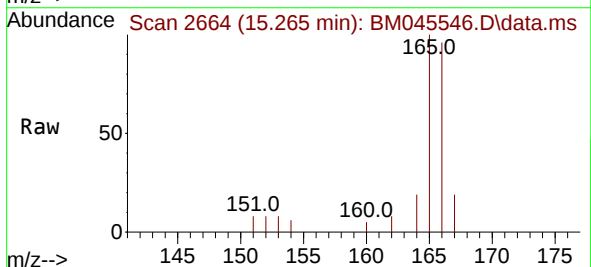
Manual Integrations
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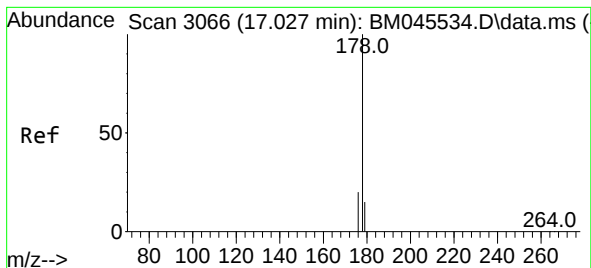
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.313 ng/u1
RT: 15.265 min Scan# 2664
Delta R.T. -0.013 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

Tgt Ion:166 Resp: 1729
Ion Ratio Lower Upper
166 100
165 104.1 82.2 123.2
167 19.3 14.8 22.2





#15

Phenanthrene

Concen: 3.606 ng/ul m

RT: 17.005 min Scan# 3015

Delta R.T. -0.016 min

Lab File: BM045546.D

Acq: 25 Apr 2024 02:52

Instrument :

BNA_M

ClientSampleId :

C0AA9

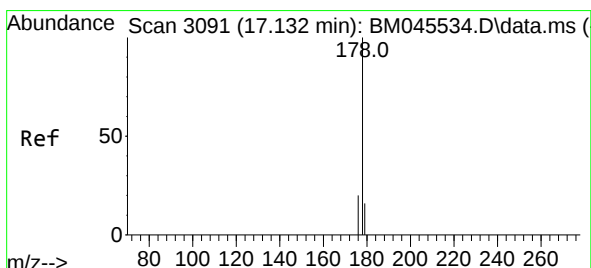
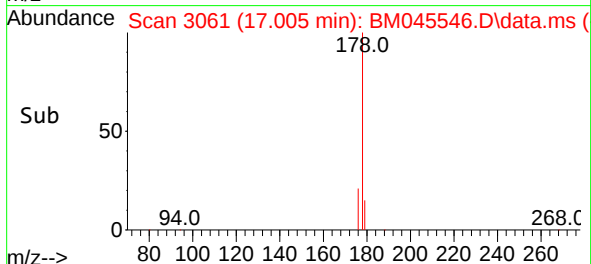
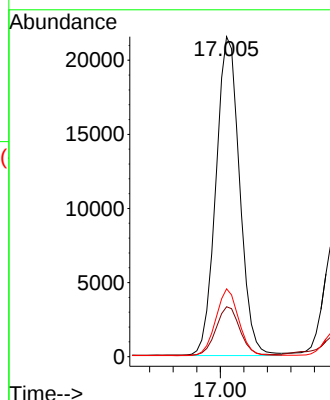
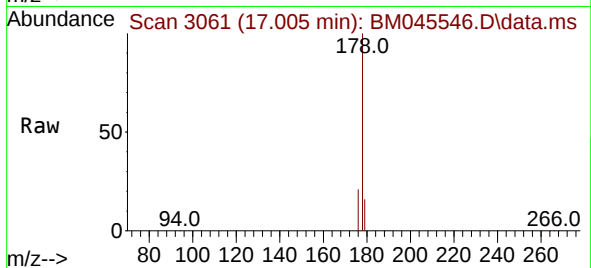
Tgt Ion:178	Resp:	3015
Ion Ratio	Lower	Upper
178	100	
179	15.6	15.4 23.2
176	21.2	19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 04/25/2024

Supervised By :mohammad ahmed 04/27/2024



#16

Anthracene

Concen: 1.725 ng/ul

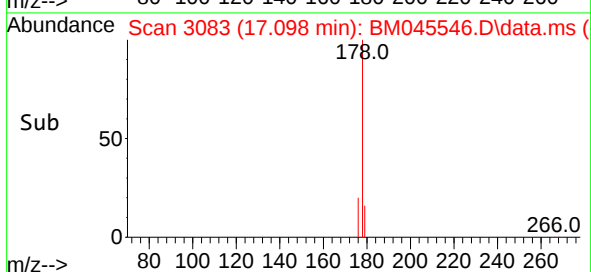
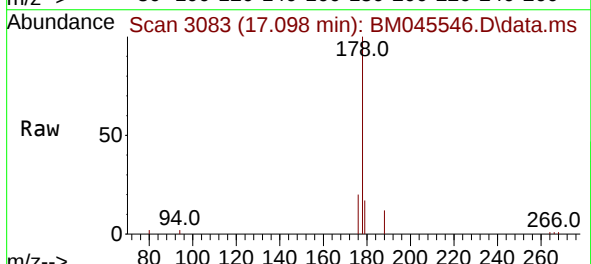
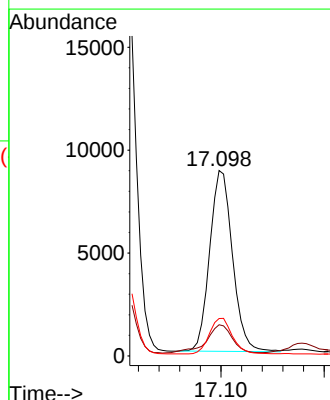
RT: 17.098 min Scan# 3083

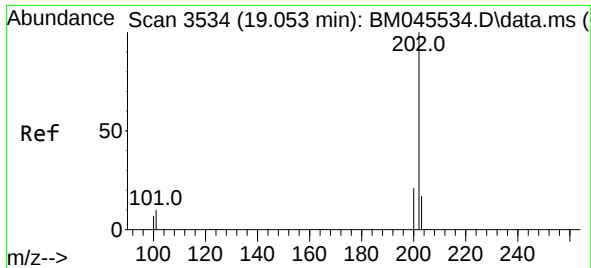
Delta R.T. -0.021 min

Lab File: BM045546.D

Acq: 25 Apr 2024 02:52

Tgt Ion:178	Resp:	13495
Ion Ratio	Lower	Upper
178	100	
179	16.8	17.8 26.6#
176	20.2	18.7 28.1





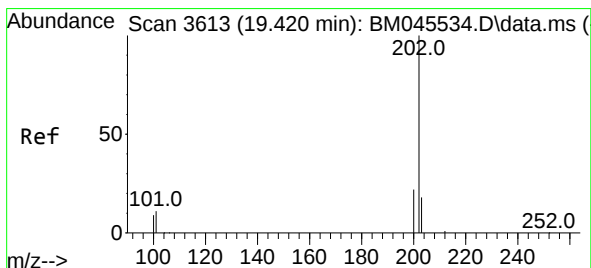
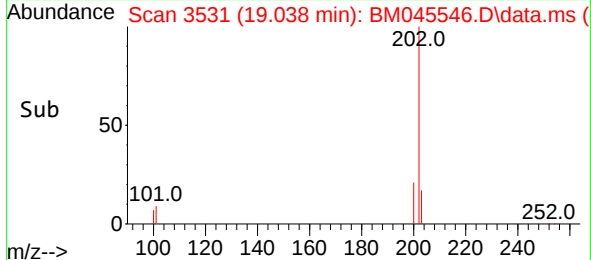
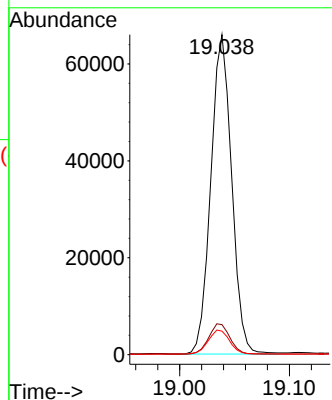
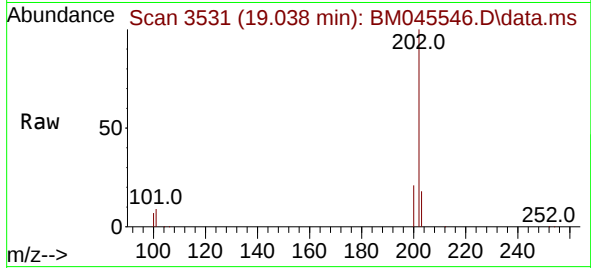
#19
Fluoranthene
Concen: 7.126 ng/ul m
RT: 19.038 min Scan# 3534
Delta R.T. -0.009 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

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BNA_M
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C0AA9

Tgt Ion:202 Resp: 86879
Ion Ratio Lower Upper
202 100
101 9.4 11.2 16.8#
100 7.4 9.1 13.7#

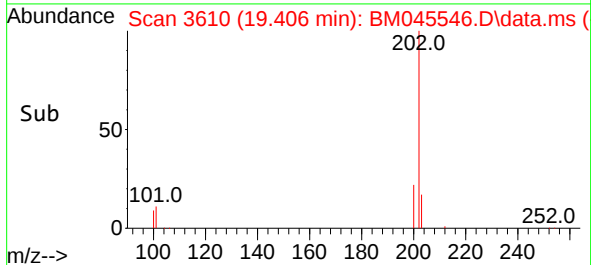
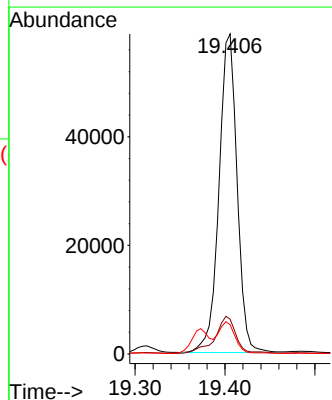
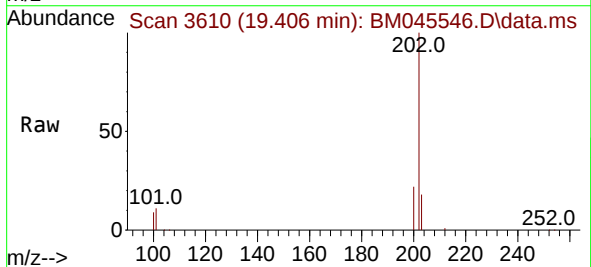
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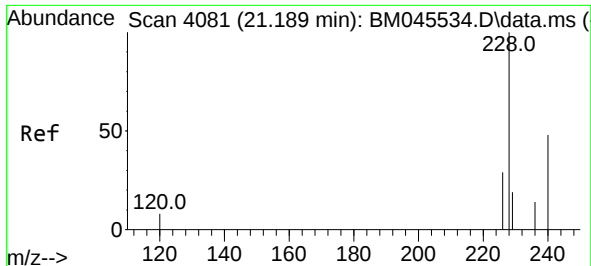
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 6.543 ng/ul
RT: 19.406 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

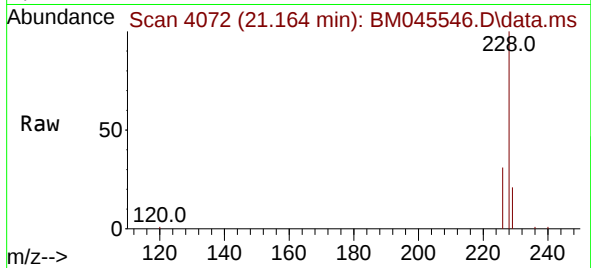
Tgt Ion:202 Resp: 82002
Ion Ratio Lower Upper
202 100
101 10.8 11.5 17.3#
100 9.1 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 10.278 ng/ul m
RT: 21.164 min Scan# 4081
Delta R.T. -0.017 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

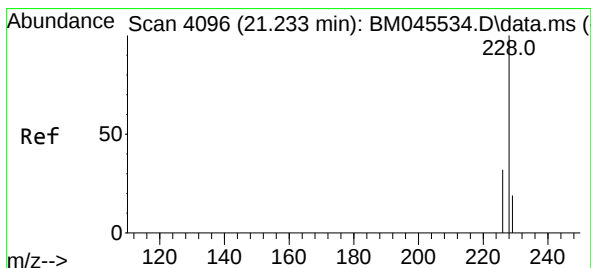
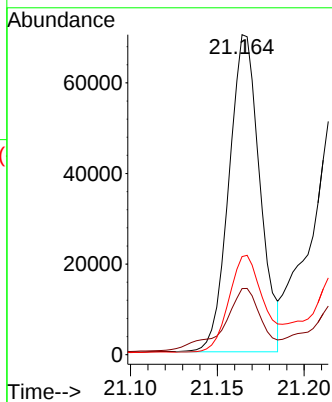
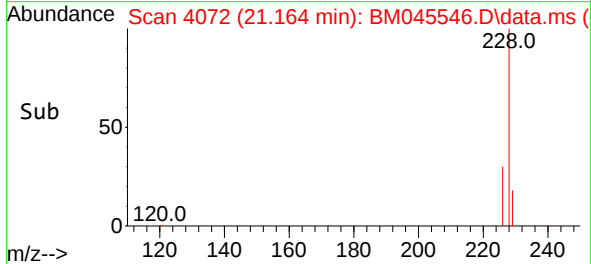
Instrument :
BNA_M
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C0AA9



Tgt Ion:228 Resp: 8680
Ion Ratio Lower Upper
228 100
229 20.7 19.4 29.2
226 30.7 26.3 39.5

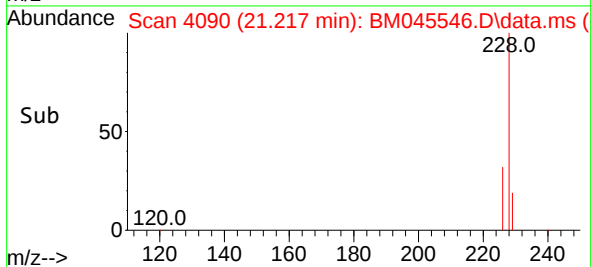
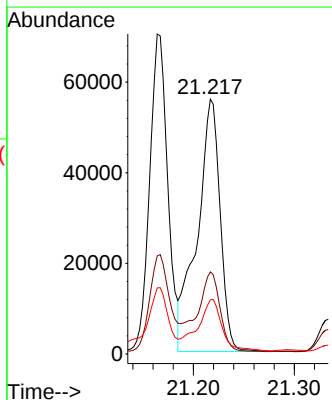
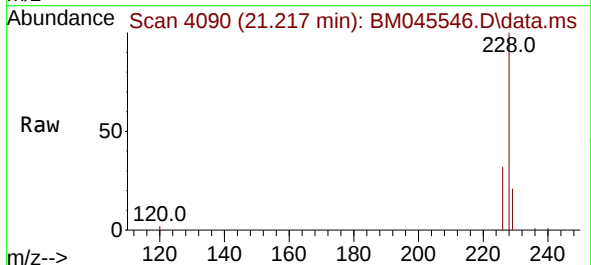
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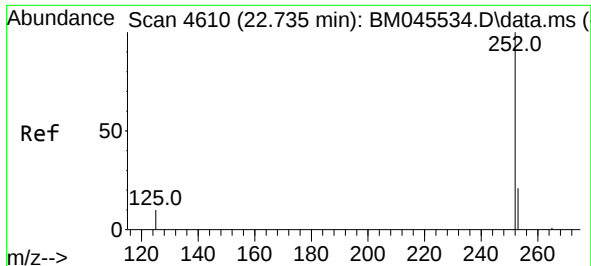
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 6.775 ng/ul
RT: 21.217 min Scan# 4090
Delta R.T. -0.011 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

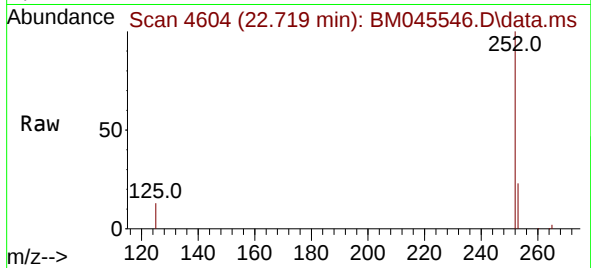
Tgt Ion:228 Resp: 87966
Ion Ratio Lower Upper
228 100
226 32.2 26.3 39.5
229 21.3 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 15.066 ng/ul m
RT: 22.719 min Scan# 4610
Delta R.T. -0.011 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

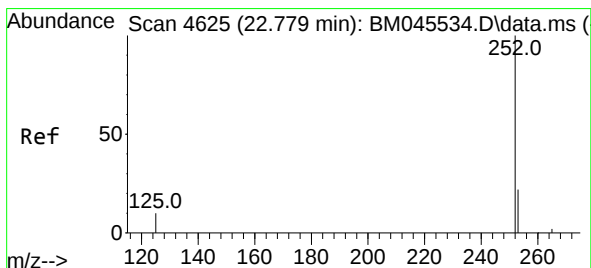
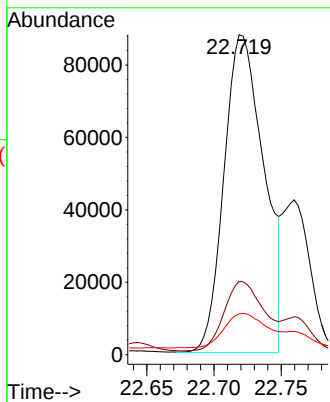
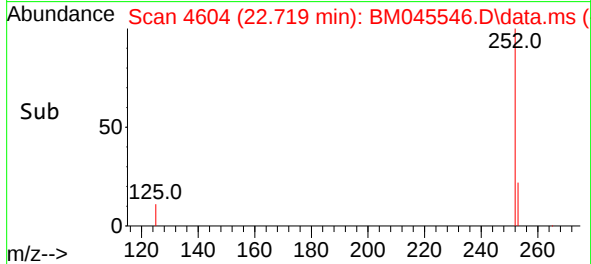
Instrument :
BNA_M
ClientSampleId :
C0AA9



Tgt Ion:252 Resp: 18199
Ion Ratio Lower Upper
252 100
253 22.9 0.0 63.4
125 12.7 0.0 36.8

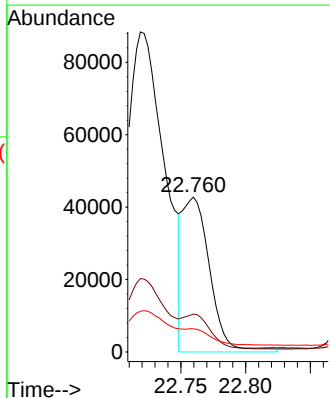
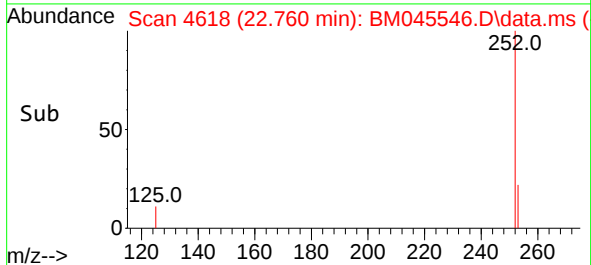
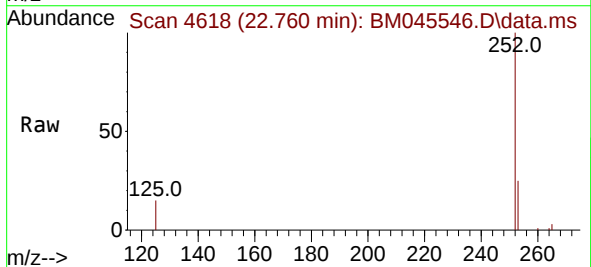
Manual Integrations
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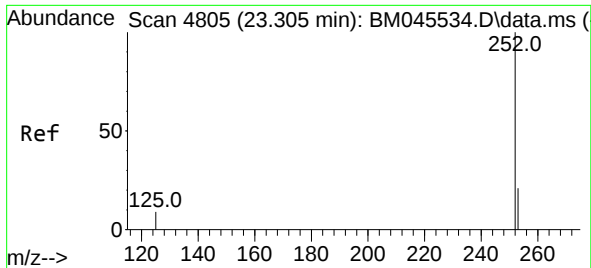
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 4.151 ng/ul m
RT: 22.760 min Scan# 4618
Delta R.T. -0.011 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

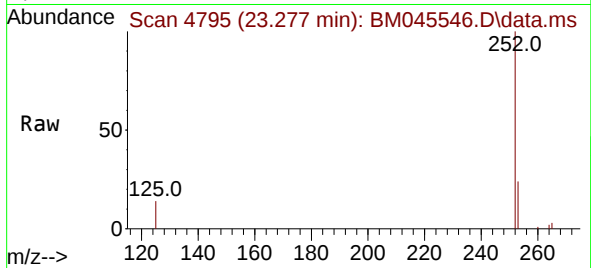
Tgt Ion:252 Resp: 63360
Ion Ratio Lower Upper
252 100
253 24.5 25.4 38.0#
125 14.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 8.554 ng/ul m
RT: 23.277 min Scan# 4
Delta R.T. -0.014 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

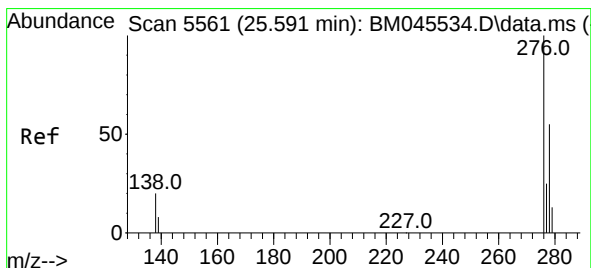
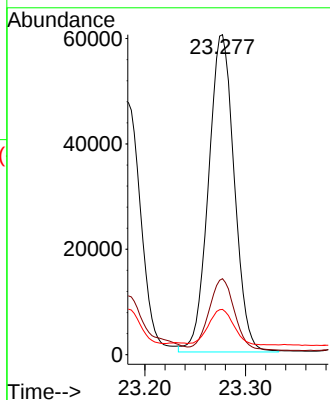
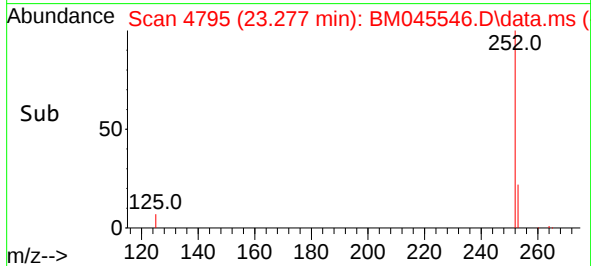
Instrument :
BNA_M
ClientSampleId :
C0AA9



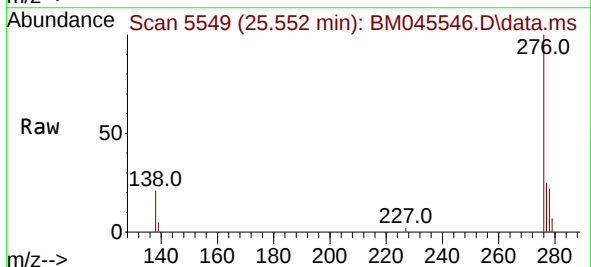
Tgt Ion:252 Resp: 107164
Ion Ratio Lower Upper
252 100
253 23.7 31.6 47.4#
125 14.1 19.5 29.3#

Manual Integrations
APPROVED

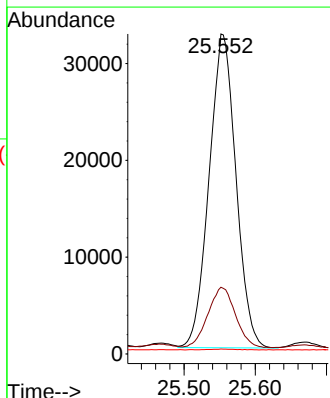
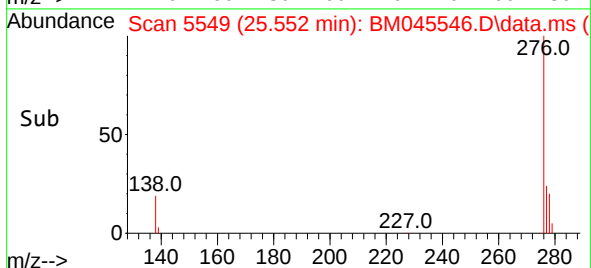
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

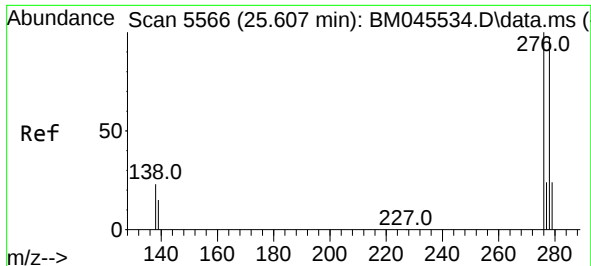


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.665 ng/ul
RT: 25.552 min Scan# 5549
Delta R.T. -0.020 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52



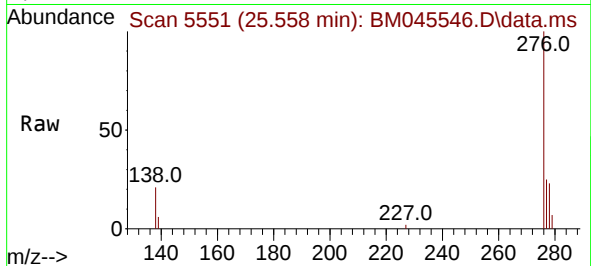
Tgt Ion:276 Resp: 84936
Ion Ratio Lower Upper
276 100
138 19.8 19.8 29.6#
227 0.2 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 1.619 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

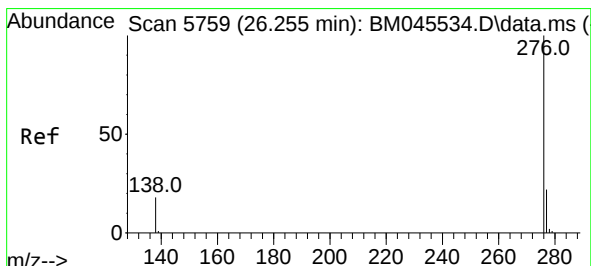
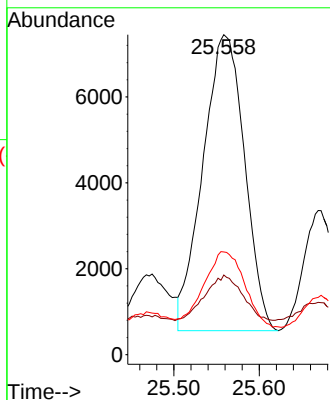
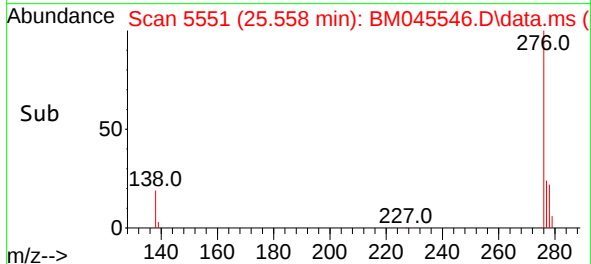
Instrument :
BNA_M
ClientSampleId :
C0AA9



Tgt Ion:278 Resp: 23380
Ion Ratio Lower Upper
278 100
139 24.9 19.0 28.6
279 32.1 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: 4.223 ng/ul
RT: 26.222 min Scan# 5749
Delta R.T. -0.013 min
Lab File: BM045546.D
Acq: 25 Apr 2024 02:52

Tgt Ion:276 Resp: 69091
Ion Ratio Lower Upper
276 100
138 21.8 20.8 31.2
277 25.2 21.8 32.8

