

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045919.D
 Acq On : 08 Jun 2024 16:52
 Operator : MA/JU
 Sample : P2640-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C25

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:29:07 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 07 22:59:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6220	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.233	136	21697	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	11773	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	26221m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	14987m	0.400	ng/ul	0.00
23) Perylene-d12	23.153	264	14338m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	22535	3.181	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	7096	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.881	212	14757m	0.329	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.277	128	25074	0.442	ng/ul	100
7) 2-Methylnaphthalene	11.910	142	7958	0.220	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	6563	0.167	ng/ul	100
10) Acenaphthylene	13.827	152	10458	0.195	ng/ul	99
11) Acenaphthene	14.169	153	17451	0.444	ng/ul	99
12) Fluorene	15.159	166	21981	0.500	ng/ul	100
15) Phenanthrene	16.888	178	364942m	4.957	ng/ul	
16) Anthracene	16.981	178	71630m	1.141	ng/ul	
19) Fluoranthene	18.909	202	443395m	7.419	ng/ul	
20) Pyrene	19.276	202	344560m	5.527	ng/ul	
21) Benzo(a)anthracene	21.029	228	149893m	2.725	ng/ul	
22) Chrysene	21.079	228	146890m	2.453	ng/ul	
24) Benzo(b)fluoranthene	22.531	252	154495m	3.249	ng/ul	
25) Benzo(k)fluoranthene	22.566	252	57632m	1.103	ng/ul	
26) Benzo(a)pyrene	23.060	252	107249m	2.268	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.215	276	73348m	1.199	ng/ul	
28) Dibenzo(a,h)anthracene	25.219	278	18612m	0.381	ng/ul	
29) Benzo(g,h,i)perylene	25.846	276	73424m	1.392	ng/ul	

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

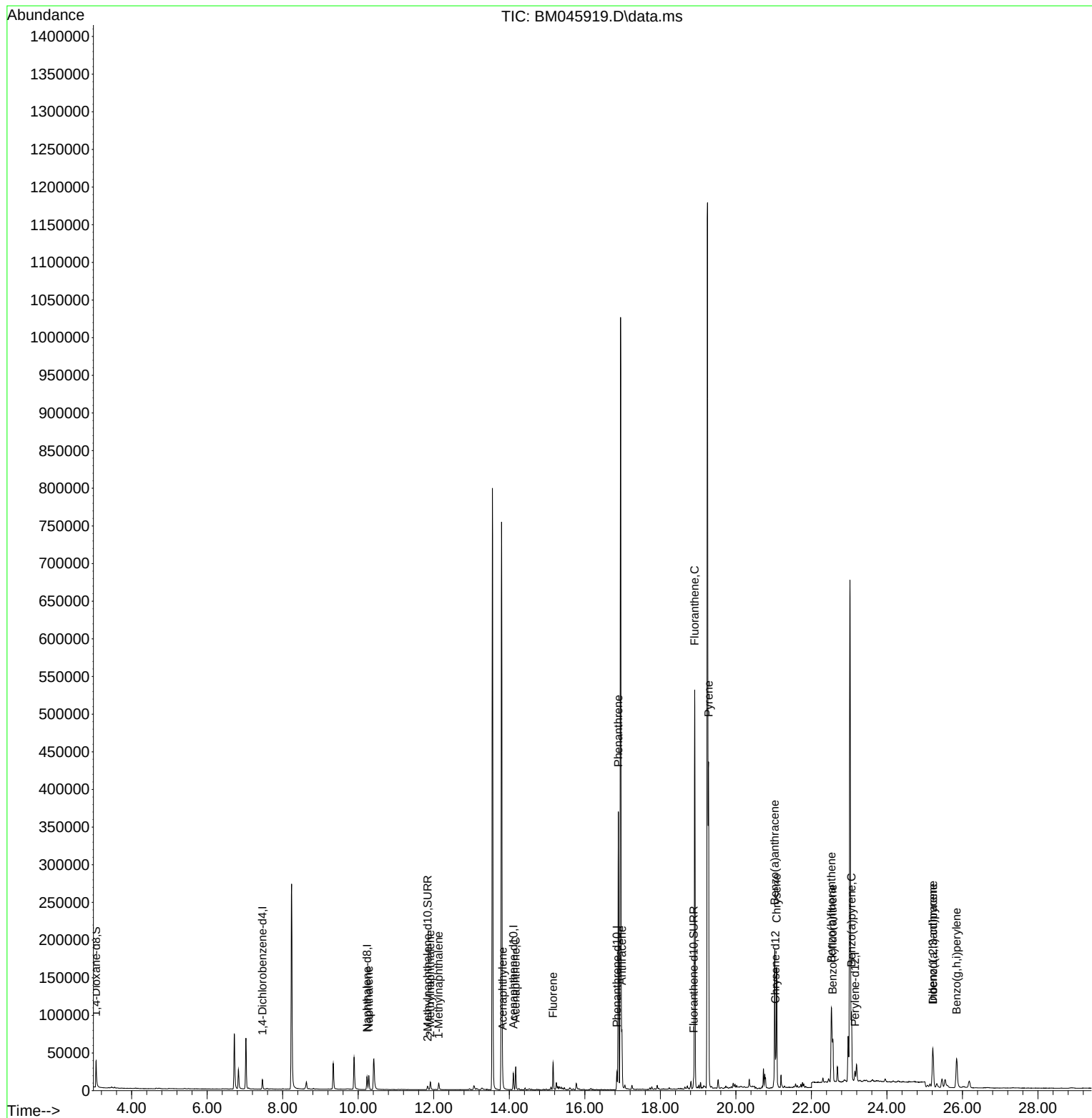
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045919.D
Acq On : 08 Jun 2024 16:52
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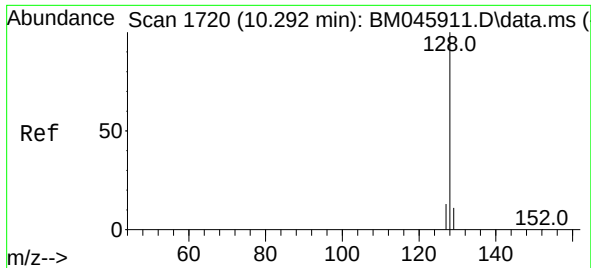
Instrument :
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Supervised By :mohammad ahmed 06/13/2024

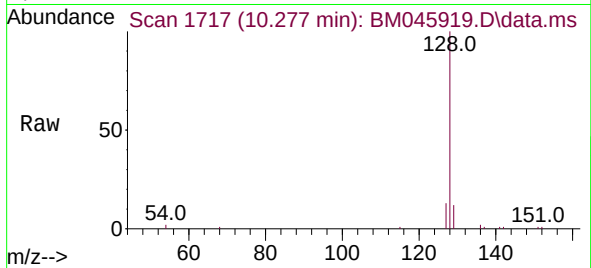
Quant Time: Jun 10 01:29:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

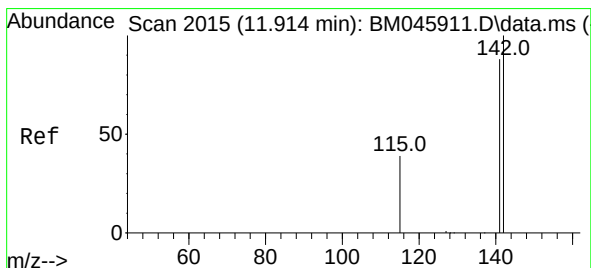
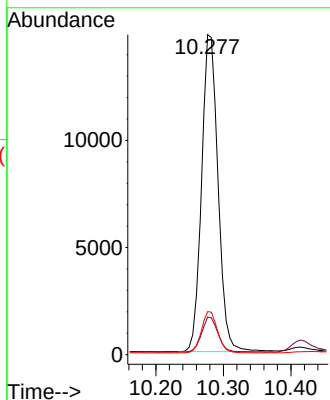
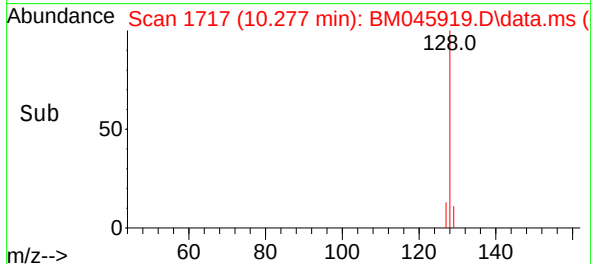
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:128 Resp: 25074
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.5 10.6 15.8

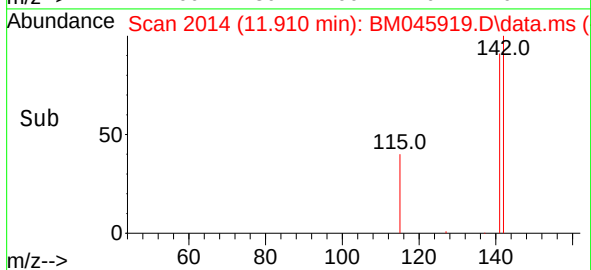
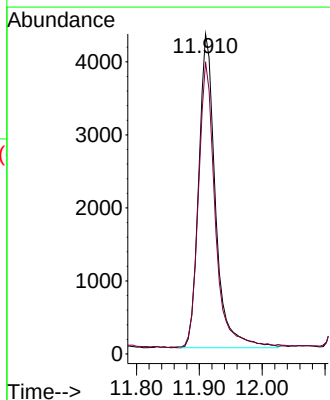
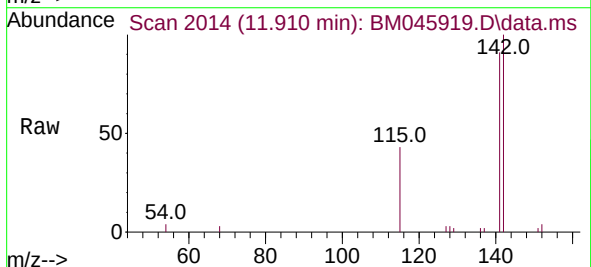
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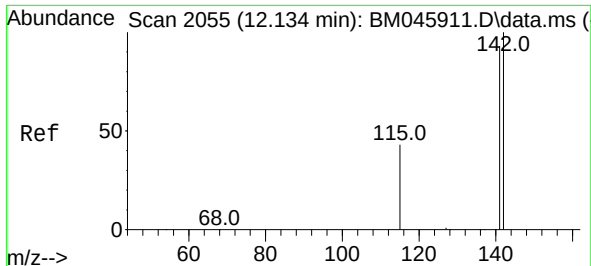
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

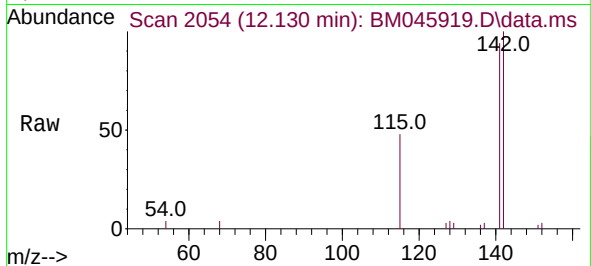
Tgt Ion:142 Resp: 7958
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

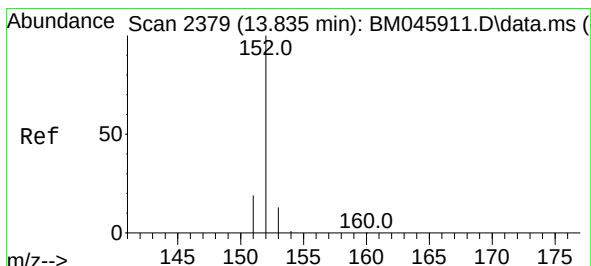
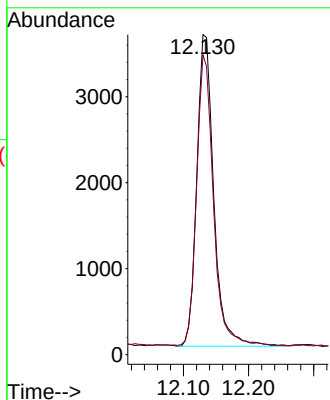
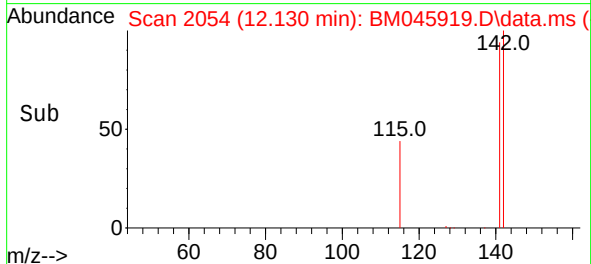
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3

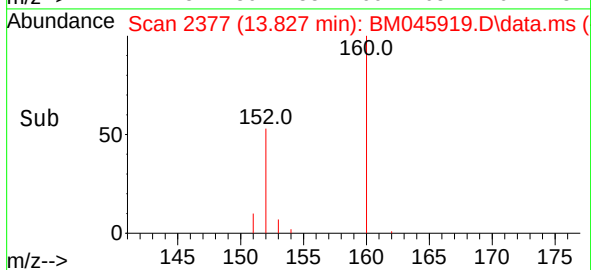
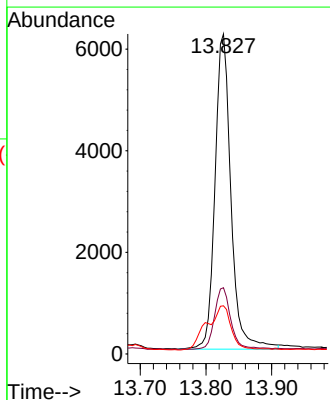
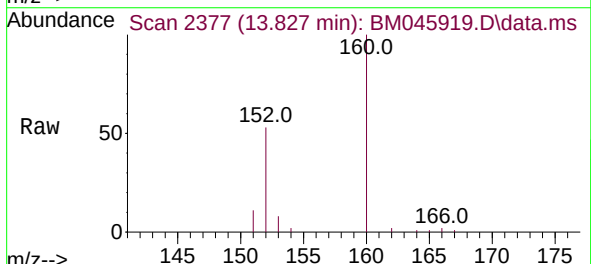
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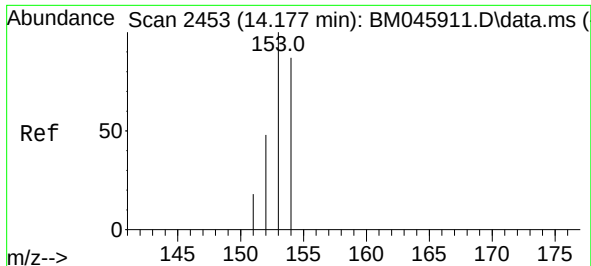
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.195 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

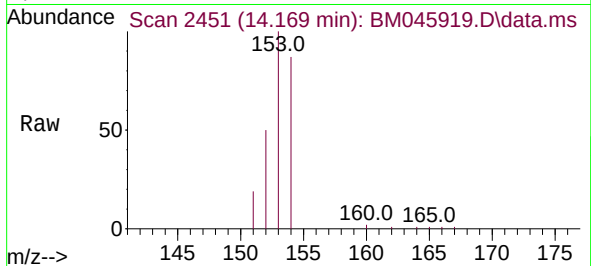
Tgt Ion:152 Resp: 10458
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 15.0 11.1 16.7





#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

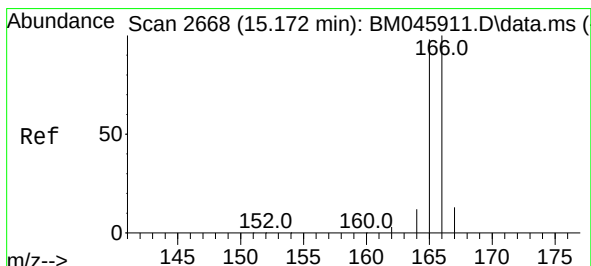
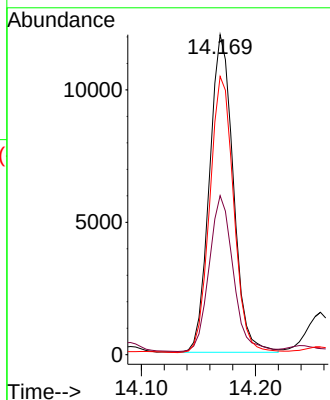
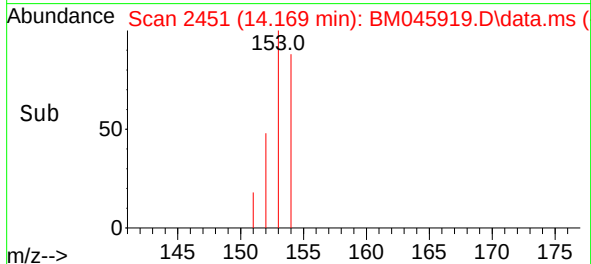
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:153 Resp: 1745
Ion Ratio Lower Upper
153 100
152 49.7 39.0 58.4
154 87.0 69.4 104.2

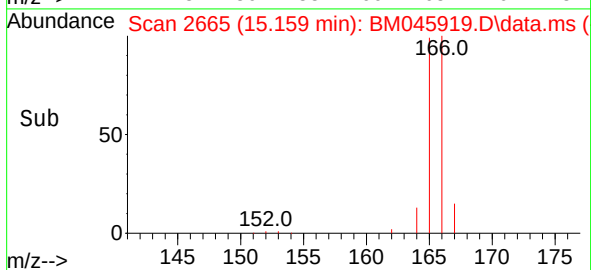
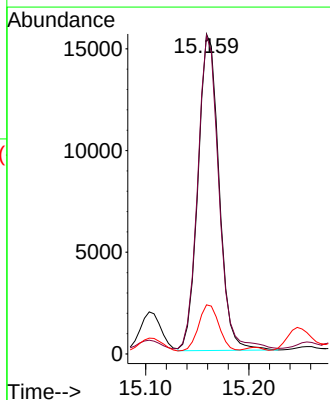
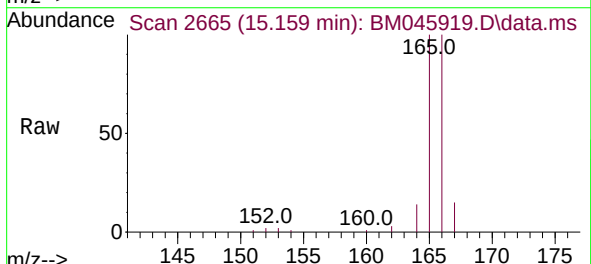
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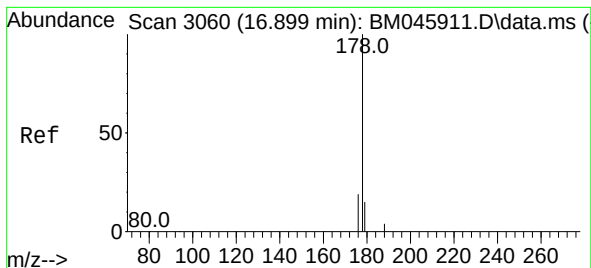
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.500 ng/ul
RT: 15.159 min Scan# 2665
Delta R.T. -0.017 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Tgt Ion:166 Resp: 21981
Ion Ratio Lower Upper
166 100
165 99.6 79.7 119.5
167 15.3 11.3 16.9





#15

Phenanthrene

Concen: 4.957 ng/ul m

RT: 16.888 min Scan# 3057

Delta R.T. -0.016 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

Instrument :

BNA_M

ClientSampleId :

A4C25

Tgt Ion:178 Resp: 36494

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

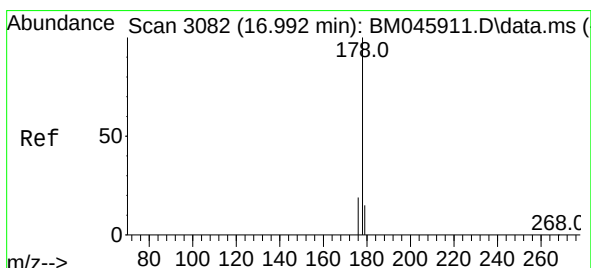
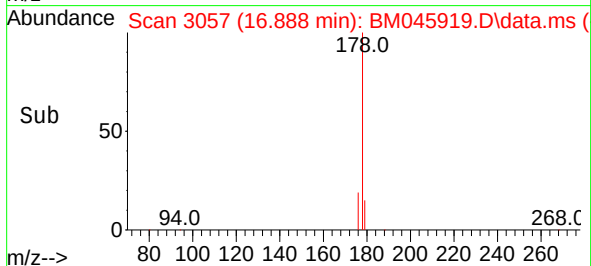
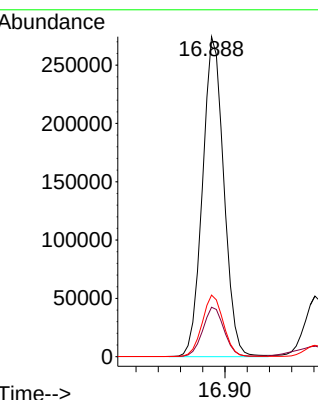
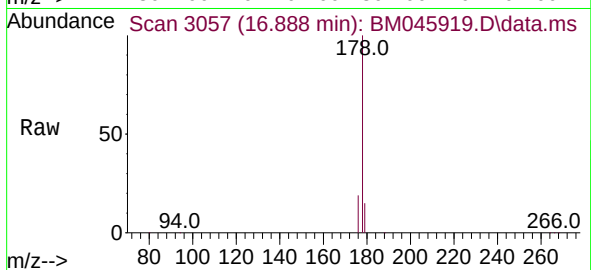
176 19.2 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/13/2024



#16

Anthracene

Concen: 1.141 ng/ul m

RT: 16.981 min Scan# 3079

Delta R.T. -0.016 min

Lab File: BM045919.D

Acq: 08 Jun 2024 16:52

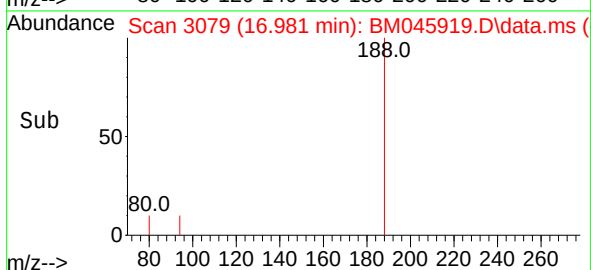
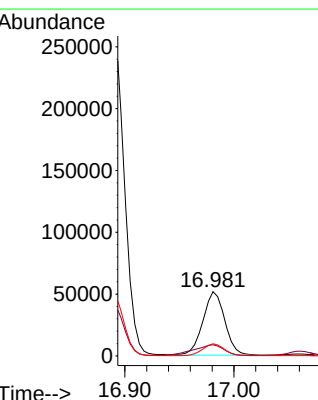
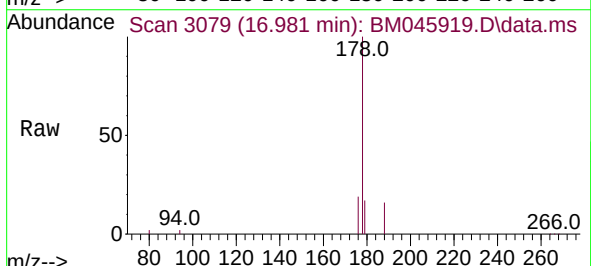
Tgt Ion:178 Resp: 71630

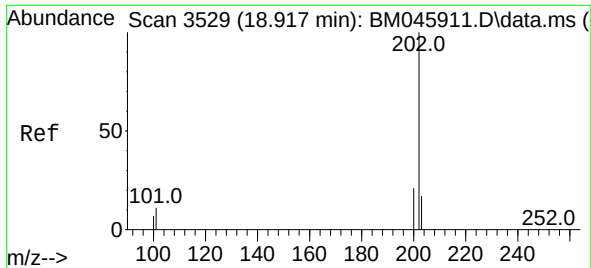
Ion Ratio Lower Upper

178 100

179 17.3 13.1 19.7

176 18.9 15.5 23.3





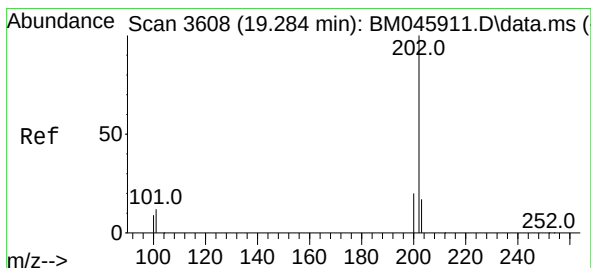
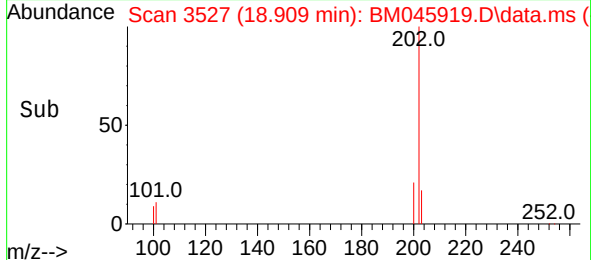
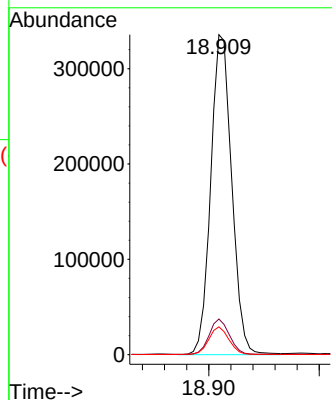
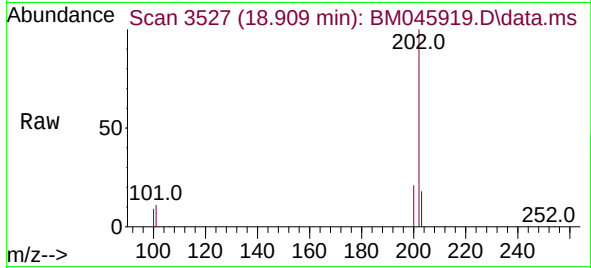
#19
Fluoranthene
Concen: 7.419 ng/ul m
RT: 18.909 min Scan# 3529
Delta R.T. -0.013 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

Instrument :
BNA_M
ClientSampleId :
A4C25

Tgt Ion:202 Resp: 443394
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.6
100 8.7 7.0 10.6

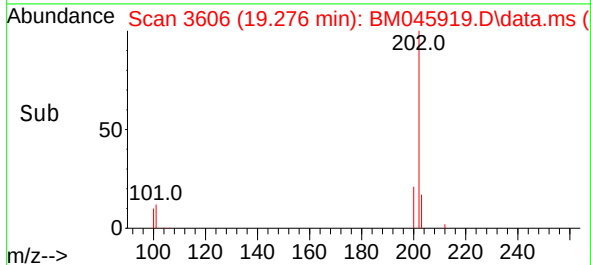
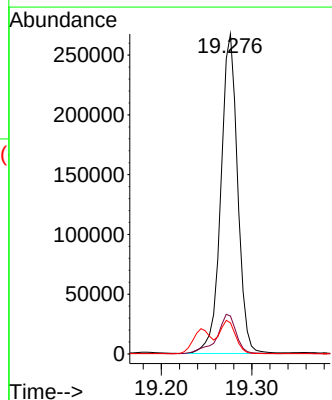
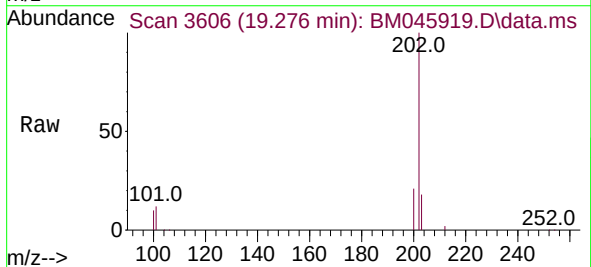
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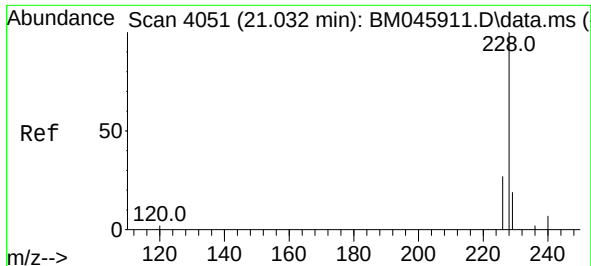
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 5.527 ng/ul m
RT: 19.276 min Scan# 3606
Delta R.T. -0.008 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

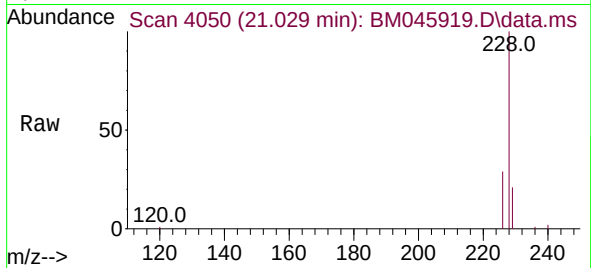
Tgt Ion:202 Resp: 344560
Ion Ratio Lower Upper
202 100
101 11.9 10.6 16.0
100 9.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.725 ng/ul m
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

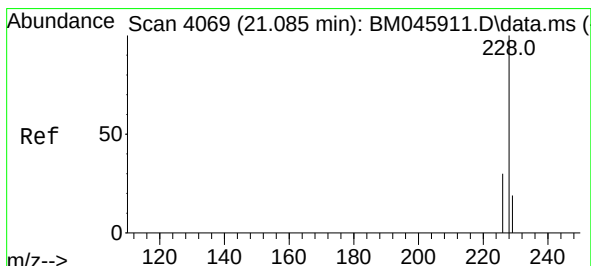
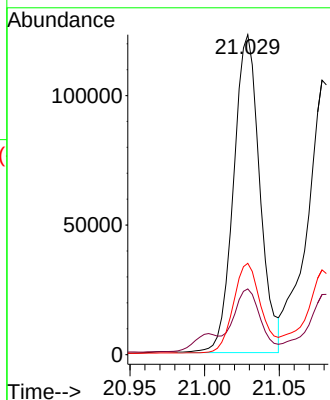
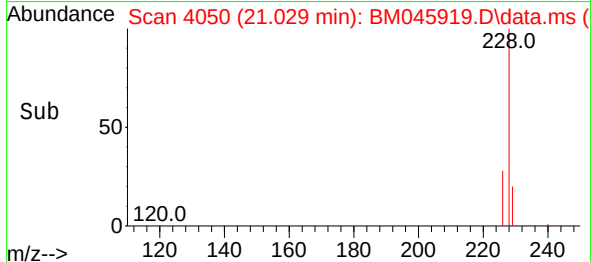
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:228 Resp: 149890
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.5 22.0 33.0

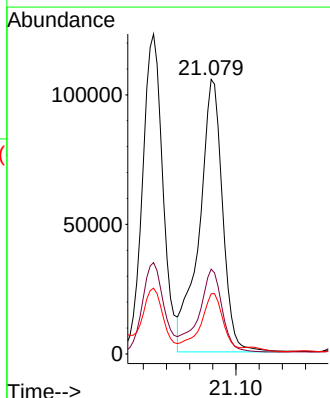
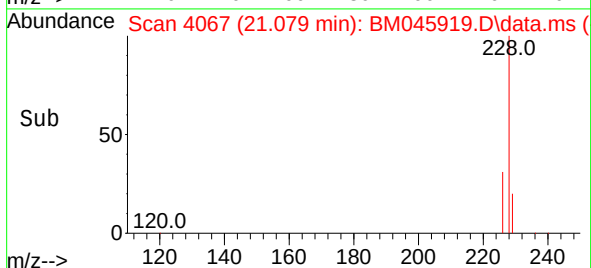
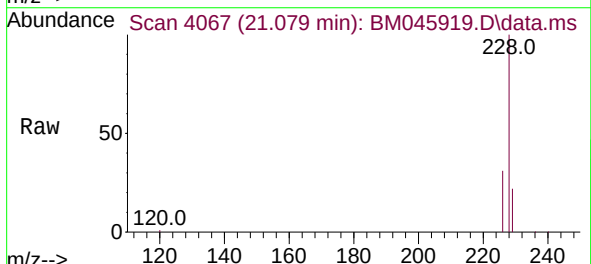
Manual Integrations
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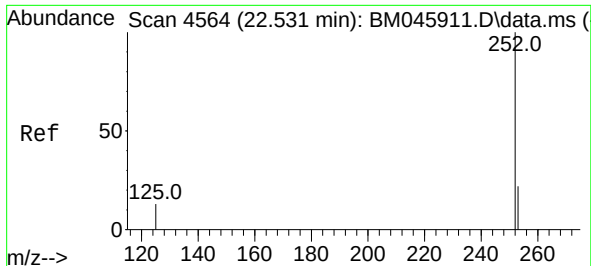
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 2.453 ng/ul m
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

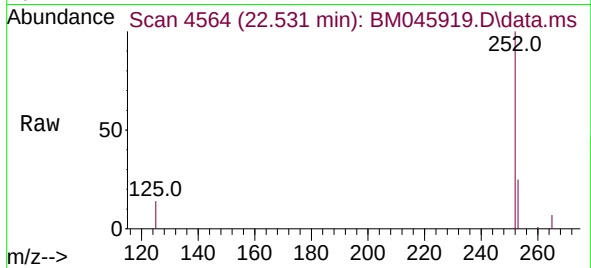
Tgt Ion:228 Resp: 146890
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.9 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.249 ng/ul m
RT: 22.531 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

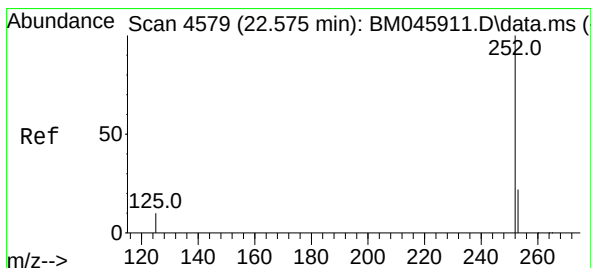
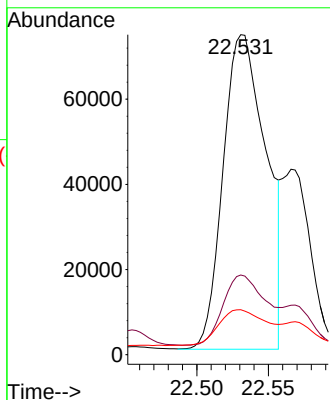
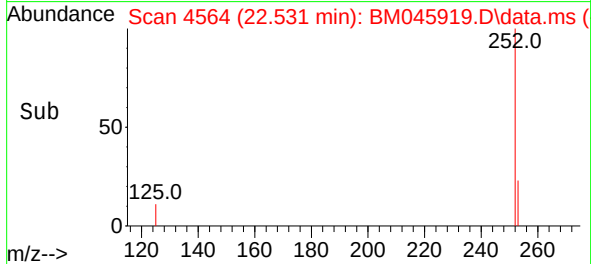
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:252 Resp: 15449
Ion Ratio Lower Upper
252 100
253 24.9 0.0 63.6
125 14.0 0.0 35.8

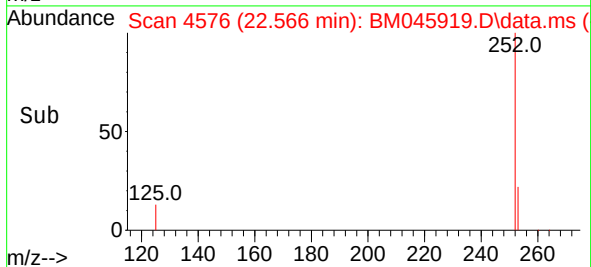
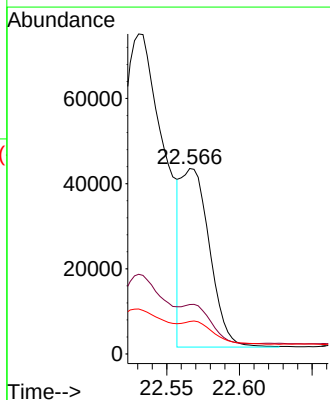
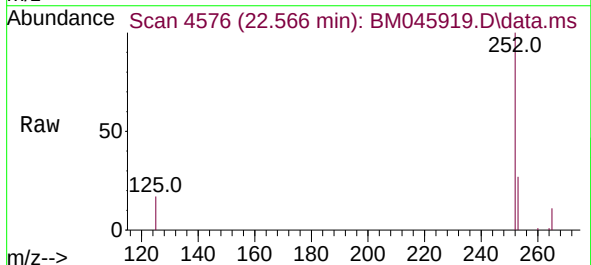
Manual Integrations
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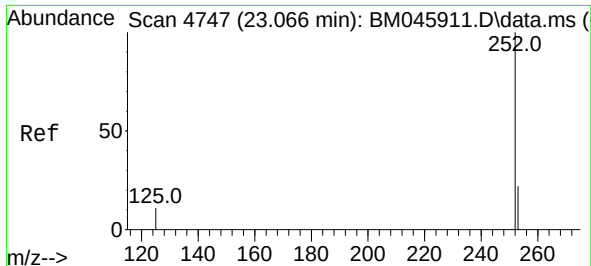
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 1.103 ng/ul m
RT: 22.566 min Scan# 4576
Delta R.T. -0.015 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

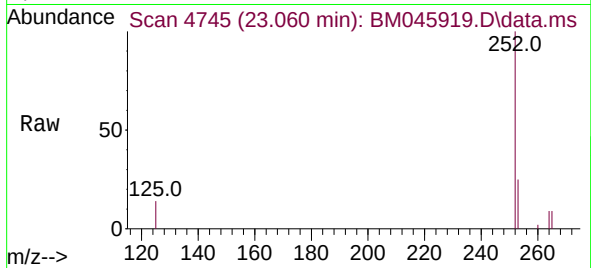
Tgt Ion:252 Resp: 57632
Ion Ratio Lower Upper
252 100
253 26.7 25.0 37.6
125 17.5 14.2 21.2





#26
Benzo(a)pyrene
Concen: 2.268 ng/ul m
RT: 23.060 min Scan# 4747
Delta R.T. -0.012 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

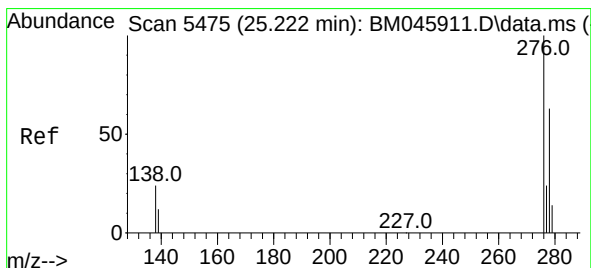
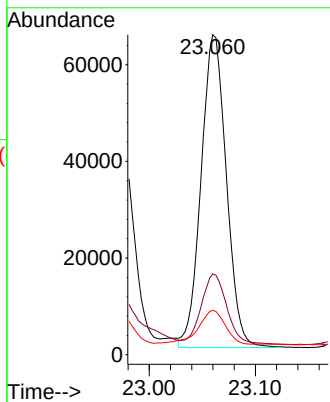
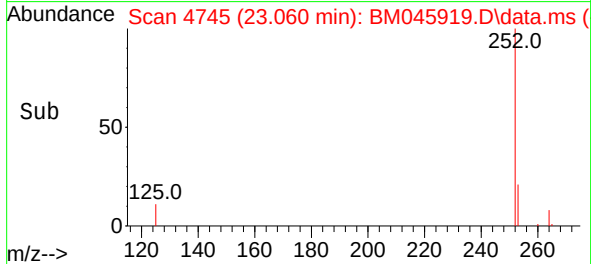
Instrument :
BNA_M
ClientSampleId :
A4C25



Tgt Ion:252 Resp: 107249
Ion Ratio Lower Upper
252 100
253 25.3 28.8 43.2#
125 13.9 17.3 25.9#

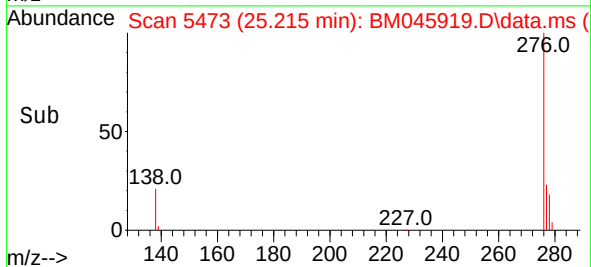
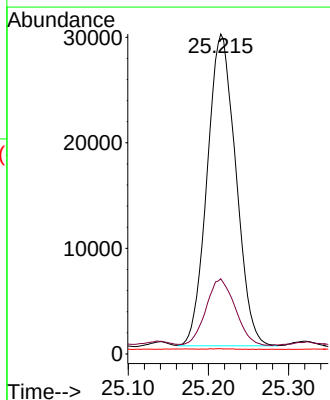
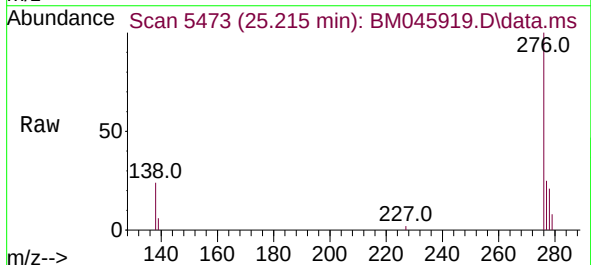
Manual Integrations
APPROVED

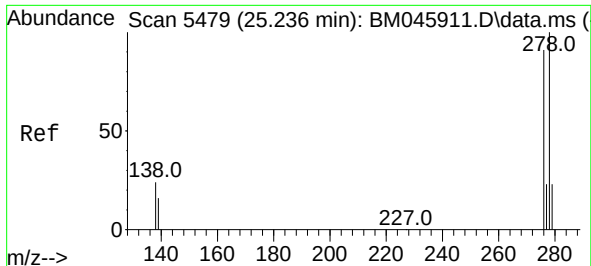
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.199 ng/ul m
RT: 25.215 min Scan# 5473
Delta R.T. -0.017 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

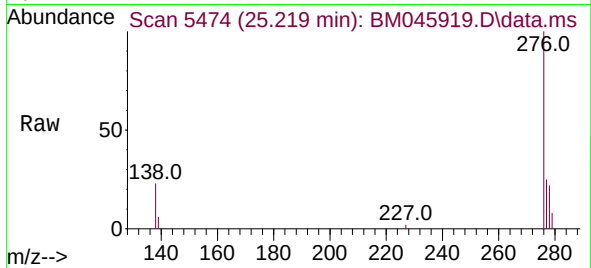
Tgt Ion:276 Resp: 73348
Ion Ratio Lower Upper
276 100
138 2.9 20.7 31.1#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul m
RT: 25.219 min Scan# 5479
Delta R.T. -0.030 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52

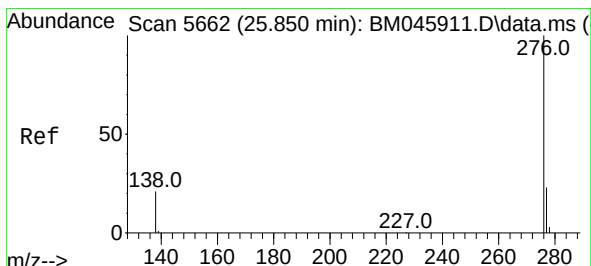
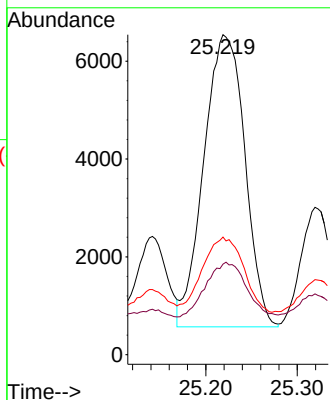
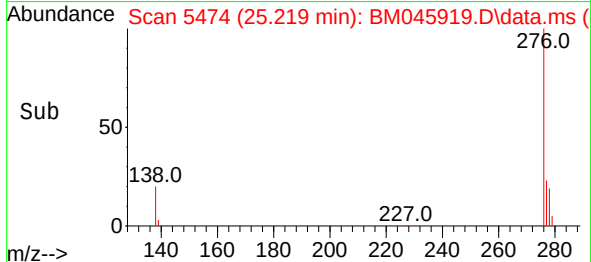
Instrument :
BNA_M
ClientSampleId :
A4C25



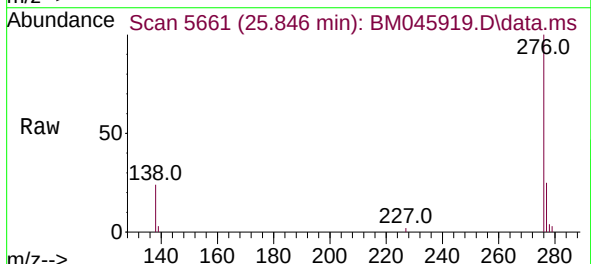
Tgt Ion:278 Resp: 18612
Ion Ratio Lower Upper
278 100
139 28.3 16.6 25.0
279 36.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 1.392 ng/ul m
RT: 25.846 min Scan# 5661
Delta R.T. -0.017 min
Lab File: BM045919.D
Acq: 08 Jun 2024 16:52



Tgt Ion:276 Resp: 73424
Ion Ratio Lower Upper
276 100
138 23.7 21.0 31.4
277 24.8 20.5 30.7

