

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045965.D
 Acq On : 10 Jun 2024 23:47
 Operator : MA/JU
 Sample : P2642-15DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 00:19:45 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 : Mon Jun 10 22:47:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4576	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.244	136	14222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.109	164	7825	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	14079	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	10823	0.400	ng/ul	-0.01
23) Perylene-d12	23.145	264	11755m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	3887	0.746	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.866	152	839	0.041	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1564	0.048	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.288	128	1230	0.033	ng/ul#	77
7) 2-Methylnaphthalene	11.937	142	770	0.032	ng/ul	98
8) 1-Methylnaphthalene	12.146	142	1045	0.041	ng/ul	96
10) Acenaphthylene	13.827	152	1744	0.049	ng/ul#	85
11) Acenaphthene	14.174	153	1306	0.050	ng/ul	96
12) Fluorene	15.164	166	1443	0.049	ng/ul#	97
15) Phenanthrene	16.888	178	26095	0.660	ng/ul	99
16) Anthracene	16.981	178	3512	0.104	ng/ul#	90
19) Fluoranthene	18.909	202	28667	0.664	ng/ul	99
20) Pyrene	19.272	202	33255	0.739	ng/ul	98
21) Benzo(a)anthracene	21.026	228	12138	0.306	ng/ul	94
22) Chrysene	21.079	228	16193m	0.374	ng/ul	
24) Benzo(b)fluoranthene	22.525	252	16190m	0.415	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	5346m	0.125	ng/ul	
26) Benzo(a)pyrene	23.051	252	12318	0.318	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.209	276	8798	0.175	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.212	278	1993	0.050	ng/ul#	34
29) Benzo(g,h,i)perylene	25.836	276	9556	0.221	ng/ul	95

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

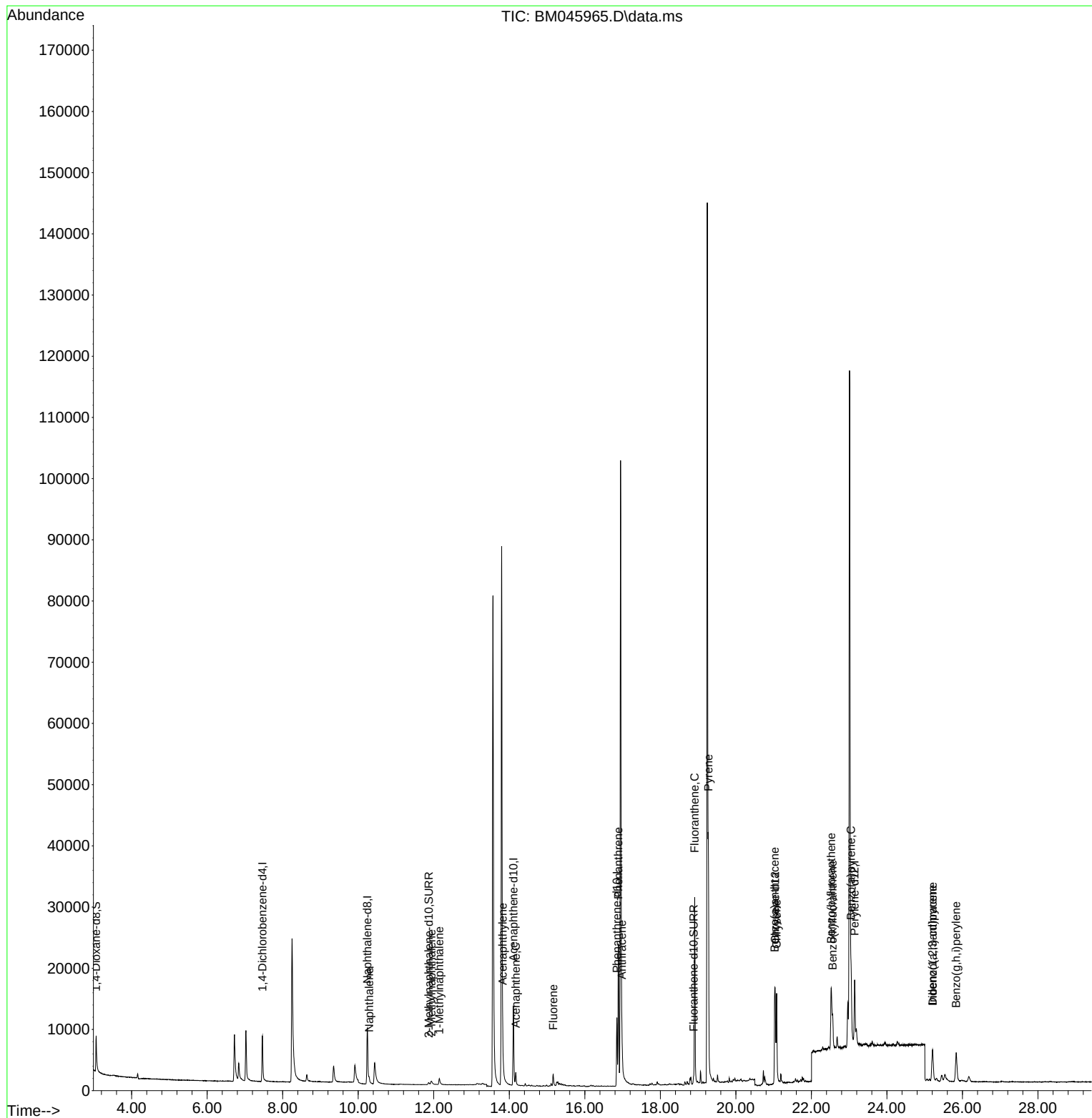
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045965.D
Acq On : 10 Jun 2024 23:47
Operator : MA/JU
Sample : P2642-15DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

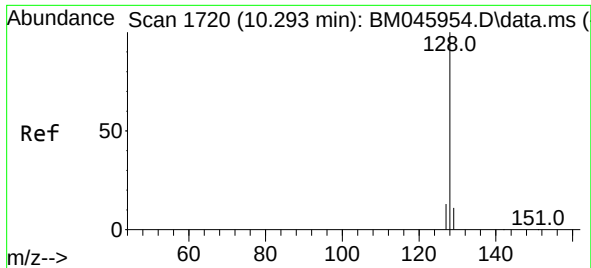
Instrument :
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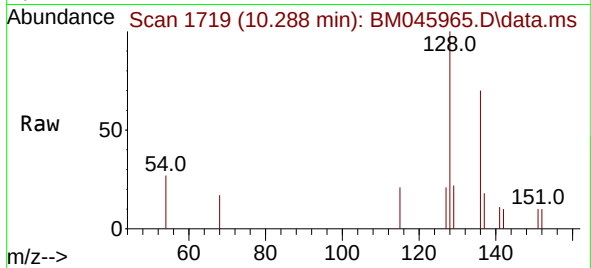
Quant Time: Jun 11 00:19:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

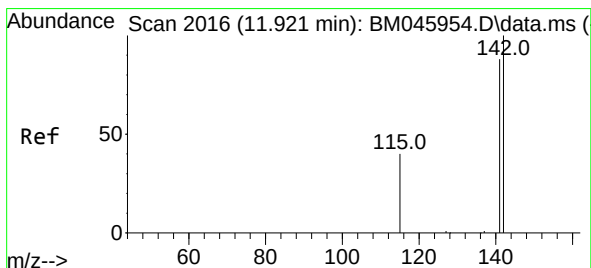
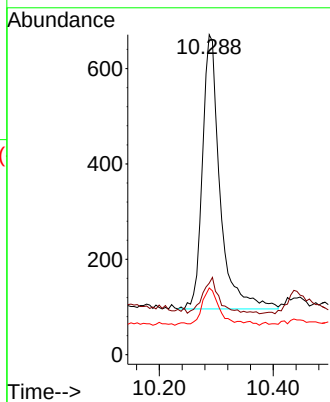
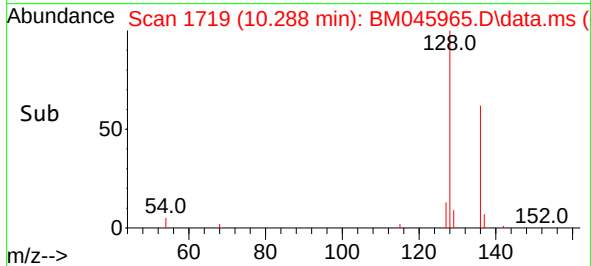
Instrument :
BNA_M
ClientSampleId :
A4BH8DL



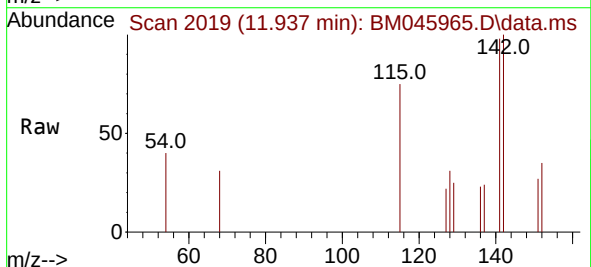
Tgt Ion:128 Resp: 1230
Ion Ratio Lower Upper
128 100
129 22.4 9.4 14.0
127 20.9 10.6 15.8

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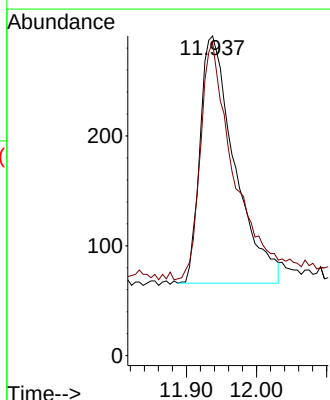
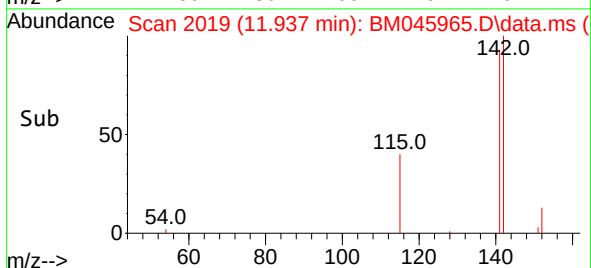
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

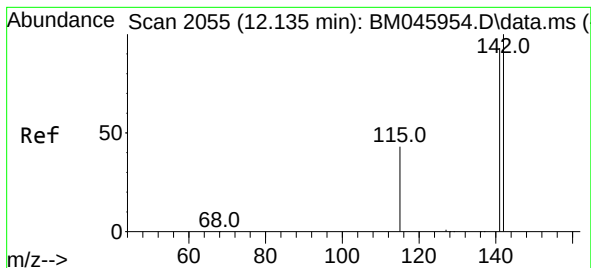


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47



Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.041 ng/ul

RT: 12.146 min Scan# 2057

Delta R.T. 0.001 min

Lab File: BM045965.D

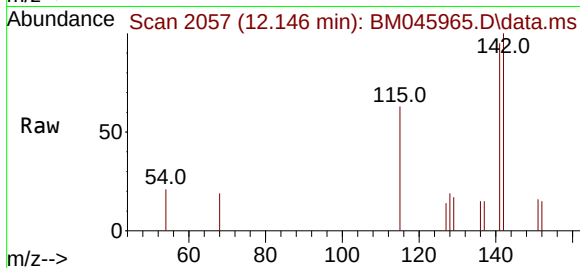
Acq: 10 Jun 2024 23:47

Instrument :

BNA_M

ClientSampleId :

A4BH8DL



Tgt Ion:142 Resp: 1049

Ion Ratio Lower Upper

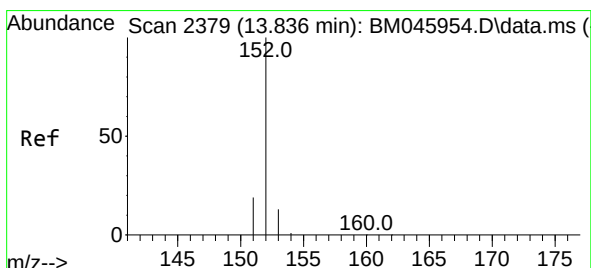
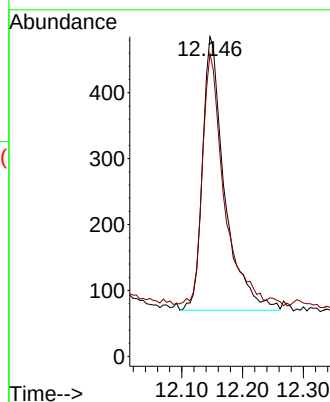
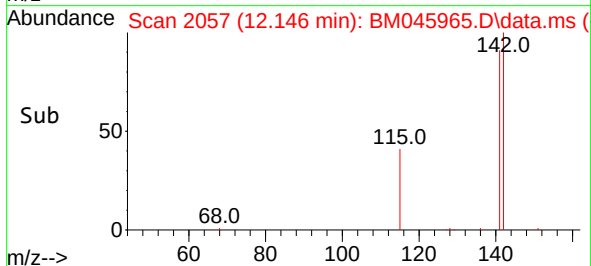
142 100

141 87.8 73.5 110.3

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#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.827 min Scan# 2377

Delta R.T. -0.013 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

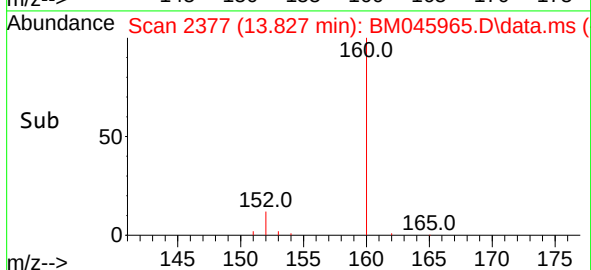
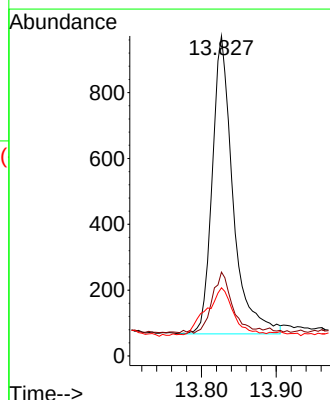
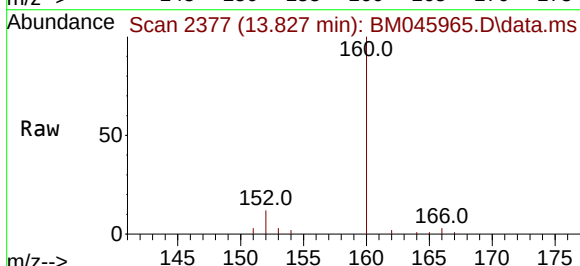
Tgt Ion:152 Resp: 1744

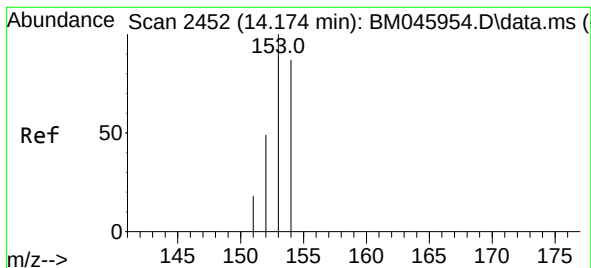
Ion Ratio Lower Upper

152 100

151 26.2 16.4 24.6#

153 21.3 11.1 16.7#





#11

Acenaphthene

Concen: 0.050 ng/ul

RT: 14.174 min Scan# 2452

Delta R.T. -0.008 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

Instrument :

BNA_M

ClientSampleId :

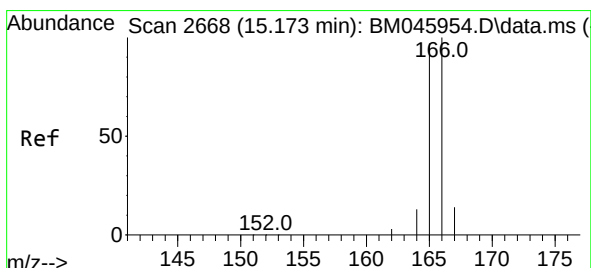
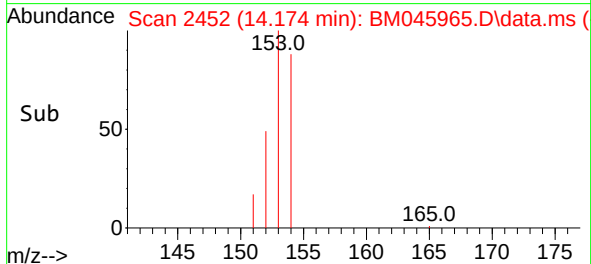
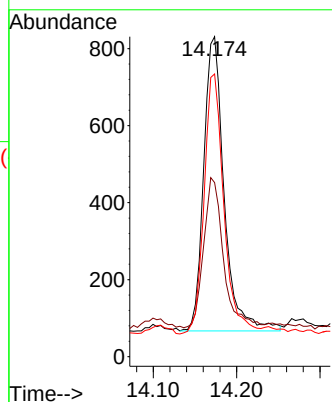
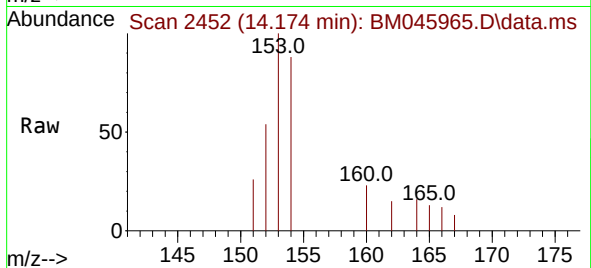
A4BH8DL

Tgt Ion:	153	Resp:	1300
Ion	Ratio	Lower	Upper
153	100		
152	54.4	39.0	58.4
154	88.3	69.4	104.2

Manual Integrations

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#12

Fluorene

Concen: 0.049 ng/ul

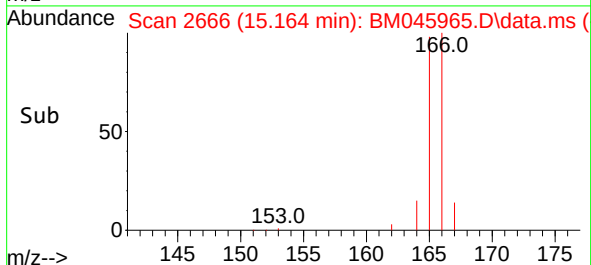
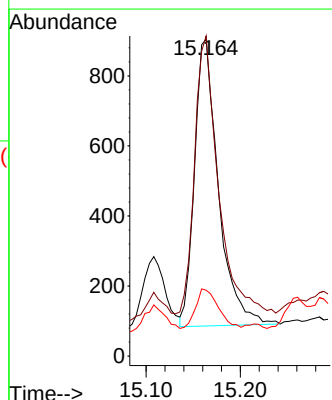
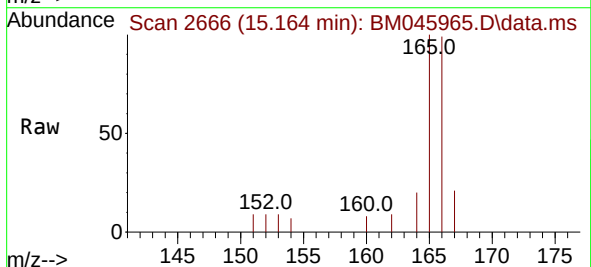
RT: 15.164 min Scan# 2666

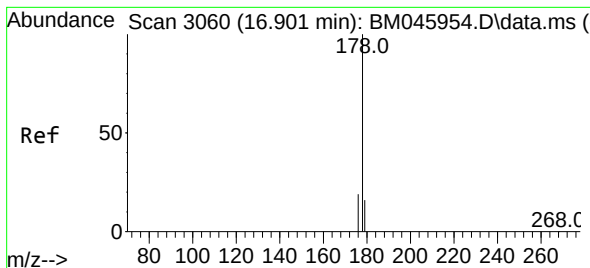
Delta R.T. -0.013 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

Tgt Ion:	166	Resp:	1443
Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.7	119.5
167	20.8	11.3	16.9





#15

Phenanthrene

Concen: 0.660 ng/u1

RT: 16.888 min Scan# 3057

Delta R.T. -0.016 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

Instrument :

BNA_M

ClientSampleId :

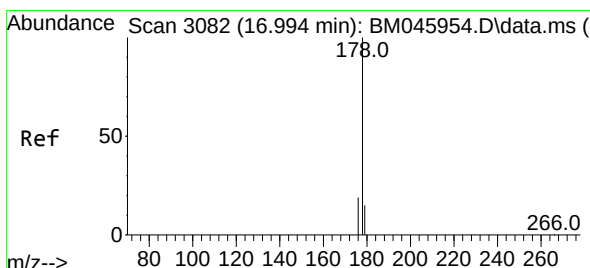
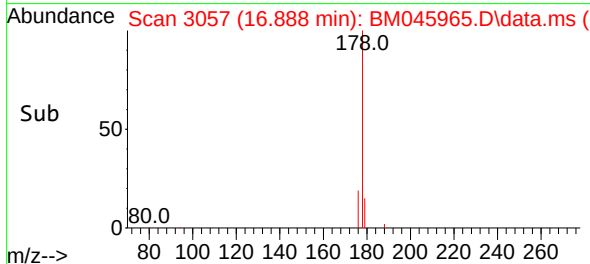
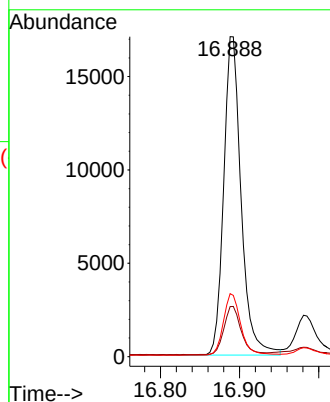
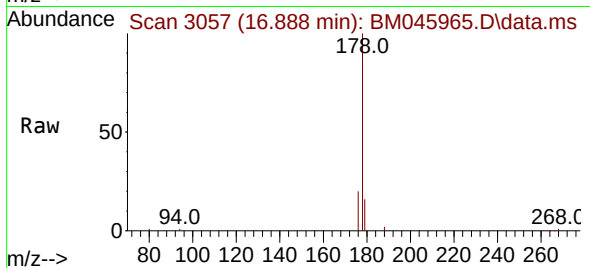
A4BH8DL

Tgt Ion:178	Resp:	2609
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.7 19.1
176	19.7	15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#16

Anthracene

Concen: 0.104 ng/u1

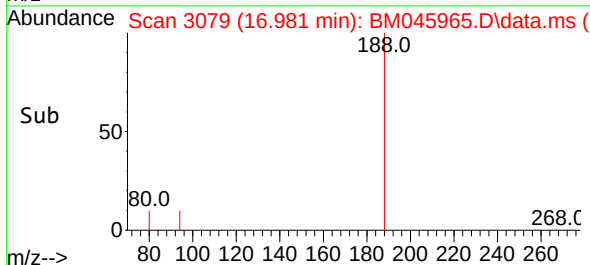
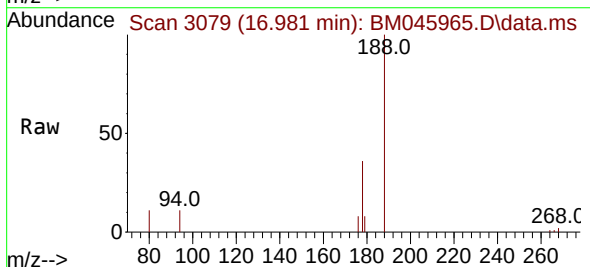
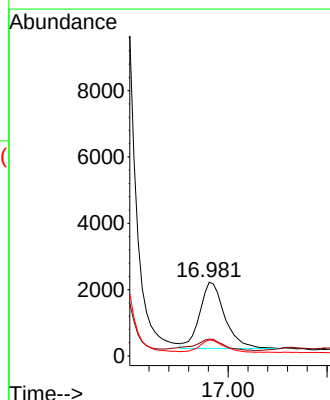
RT: 16.981 min Scan# 3079

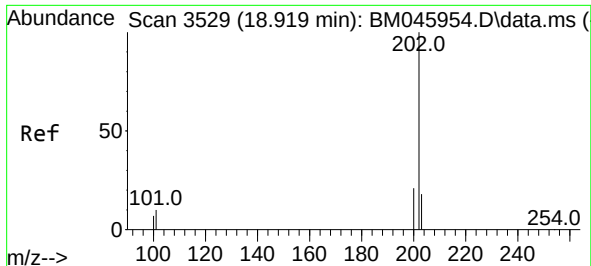
Delta R.T. -0.016 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

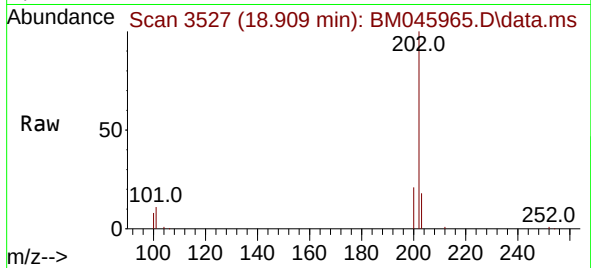
Tgt Ion:178	Resp:	3512
Ion Ratio	Lower	Upper
178	100	
179	22.9	13.1 19.7#
176	21.8	15.5 23.3





#19
Fluoranthene
Concen: 0.664 ng/u1
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

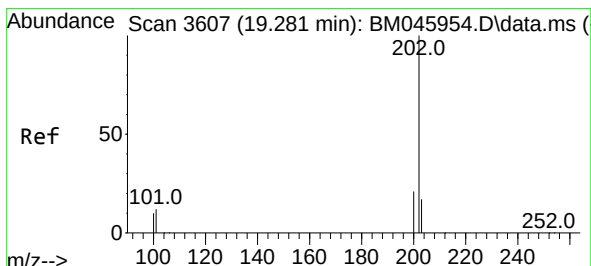
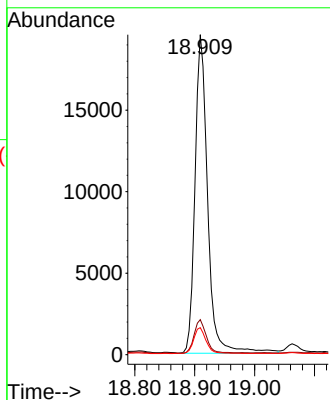
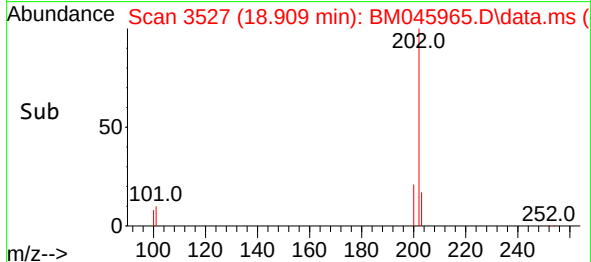
Instrument :
BNA_M
ClientSampleId :
A4BH8DL



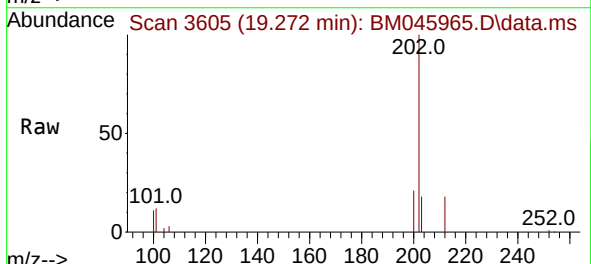
Tgt Ion:202 Resp: 2866
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.4 7.0 10.6

Manual Integrations
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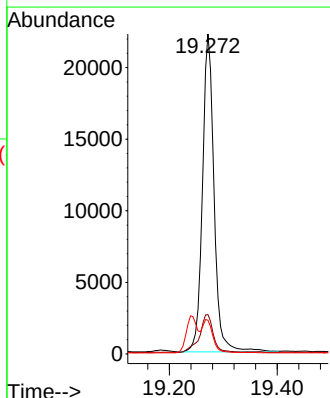
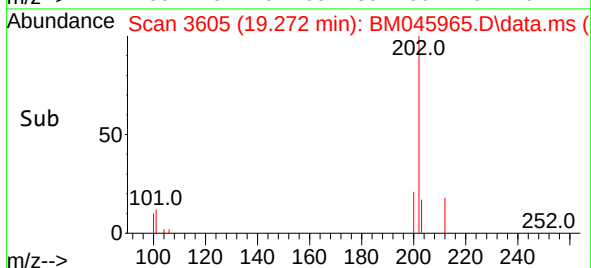
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

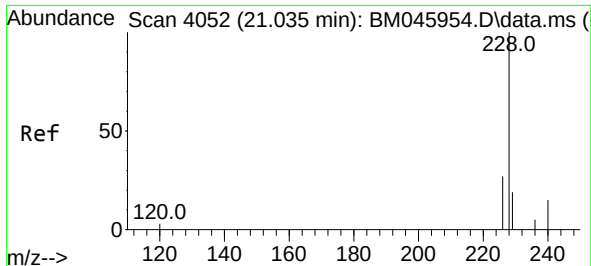


#20
Pyrene
Concen: 0.739 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47



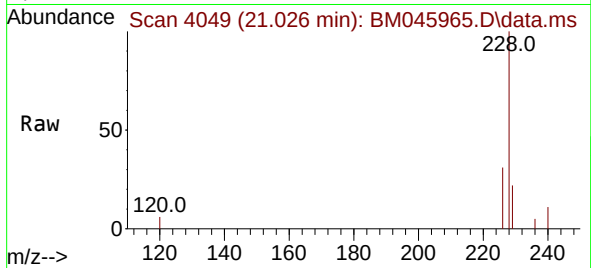
Tgt Ion:202 Resp: 33255
Ion Ratio Lower Upper
202 100
101 12.3 10.6 16.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

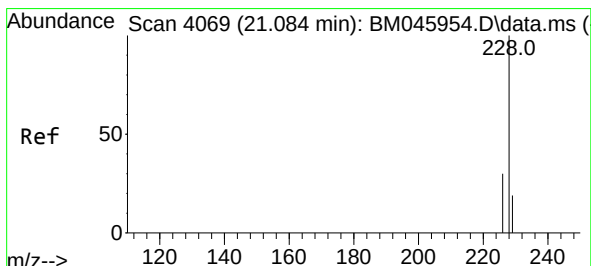
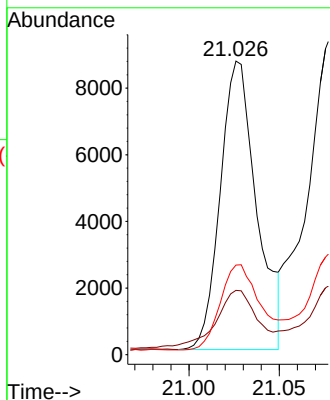
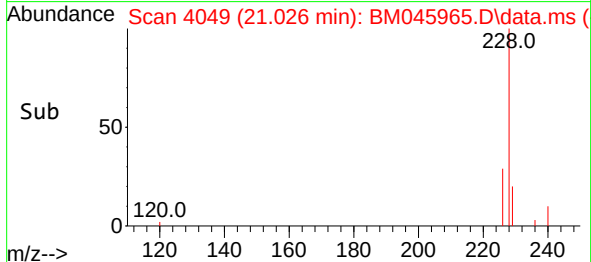
Instrument :
BNA_M
ClientSampleId :
A4BH8DL



Tgt Ion:228 Resp: 12138
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 30.5 22.0 33.0

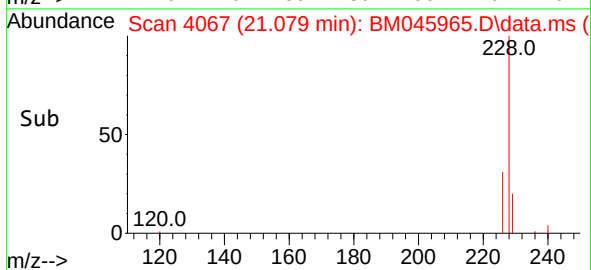
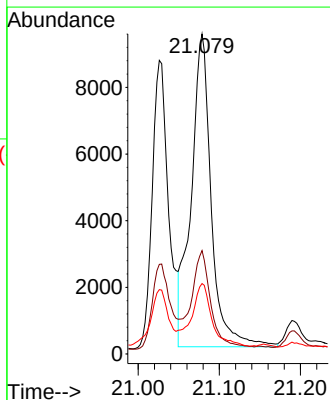
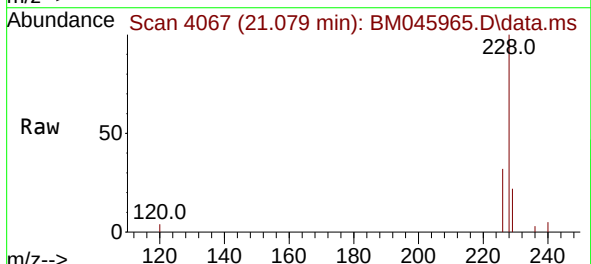
Manual Integrations
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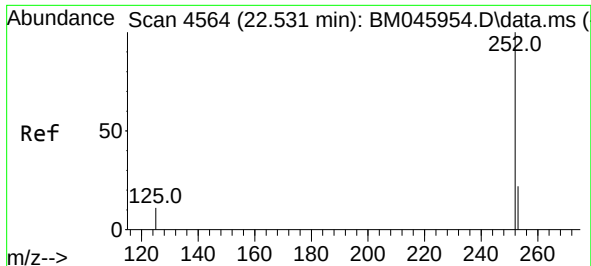
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.374 ng/ul m
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

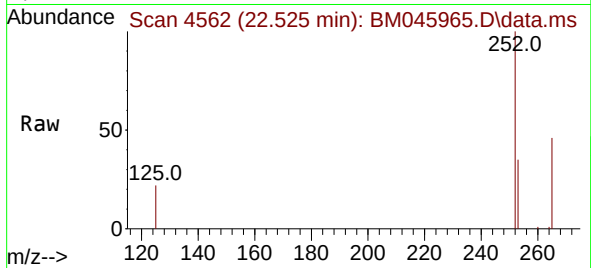
Tgt Ion:228 Resp: 16193
Ion Ratio Lower Upper
228 100
226 32.3 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.415 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

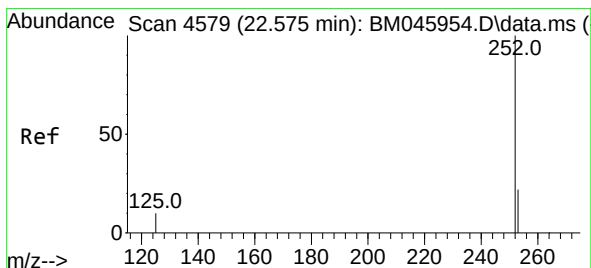
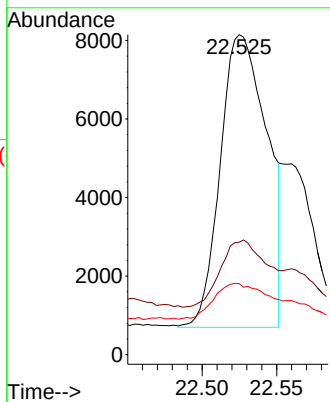
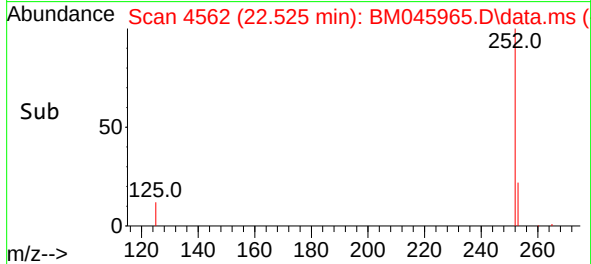
Instrument :
BNA_M
ClientSampleId :
A4BH8DL



Tgt Ion:252 Resp: 16190
Ion Ratio Lower Upper
252 100
253 35.1 0.0 63.6
125 22.2 0.0 35.8

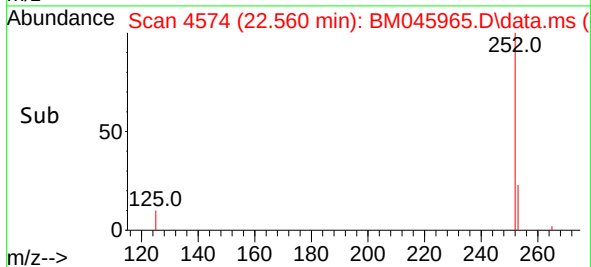
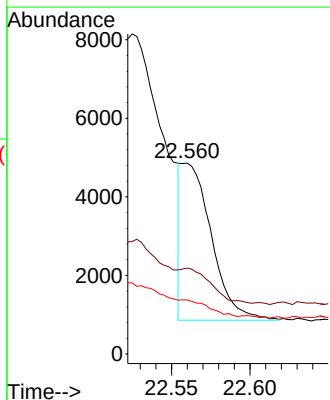
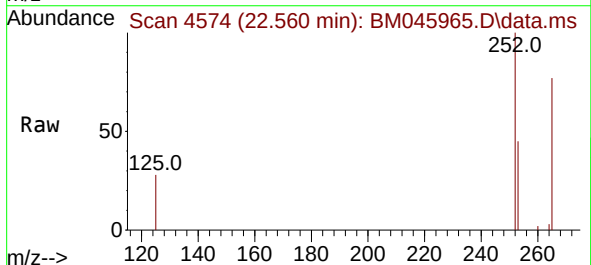
Manual Integrations
APPROVED

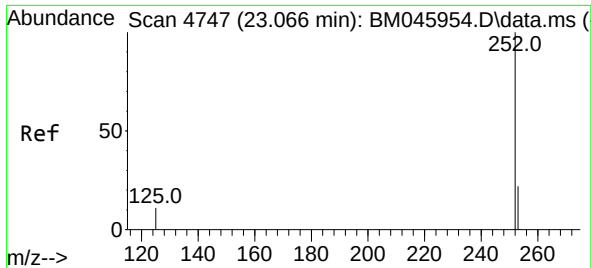
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

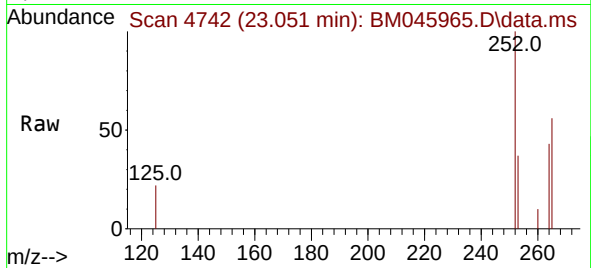
Tgt Ion:252 Resp: 5346
Ion Ratio Lower Upper
252 100
253 45.0 25.0 37.6#
125 28.3 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.051 min Scan# 4742
Delta R.T. -0.021 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47

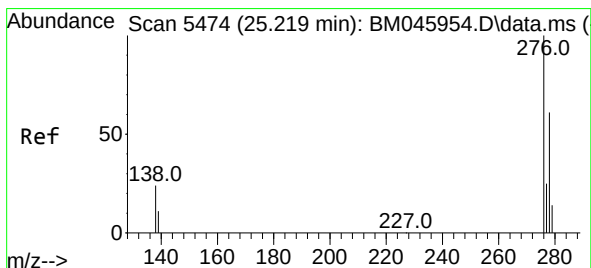
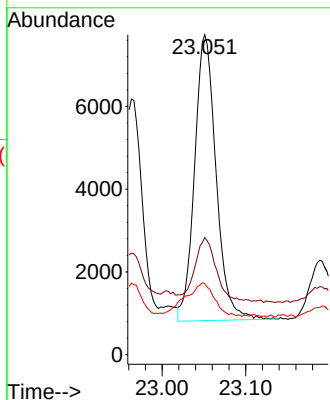
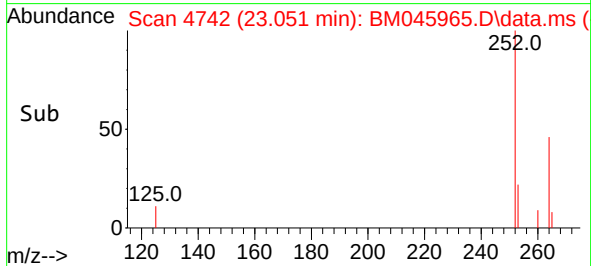
Instrument :
BNA_M
ClientSampleId :
A4BH8DL



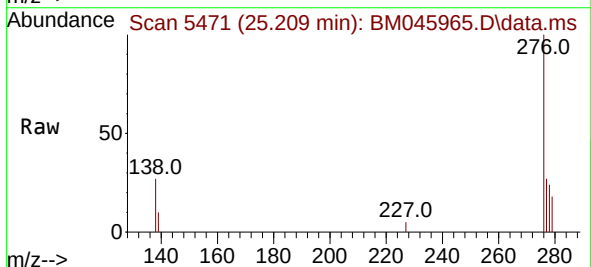
Tgt Ion:252 Resp: 12318
Ion Ratio Lower Upper
252 100
253 36.6 28.8 43.2
125 22.2 17.3 25.9

Manual Integrations
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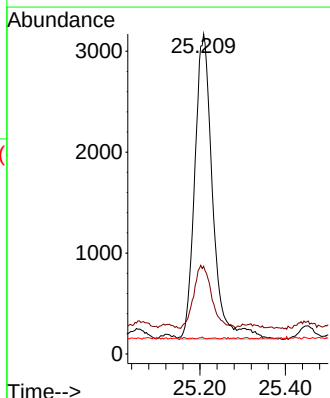
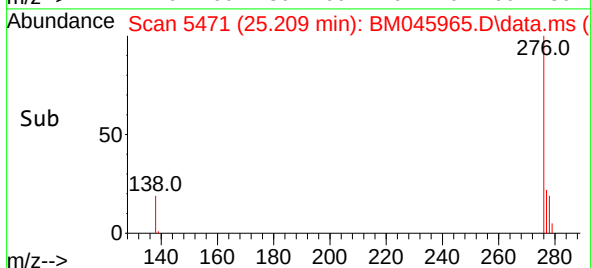
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

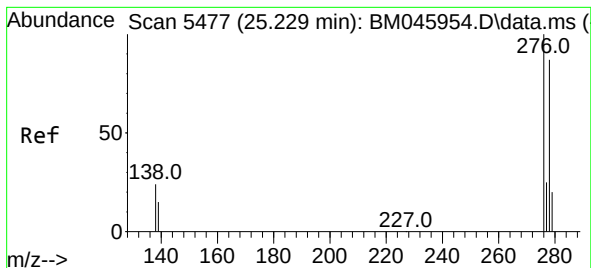


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.024 min
Lab File: BM045965.D
Acq: 10 Jun 2024 23:47



Tgt Ion:276 Resp: 8798
Ion Ratio Lower Upper
276 100
138 20.8 20.7 31.1
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.050 ng/ul

RT: 25.212 min Scan# 5477

Delta R.T. -0.037 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

Instrument :

BNA_M

ClientSampleId :

A4BH8DL

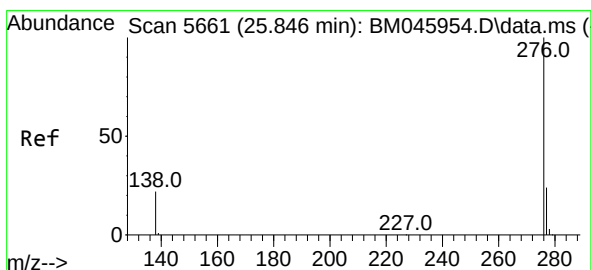
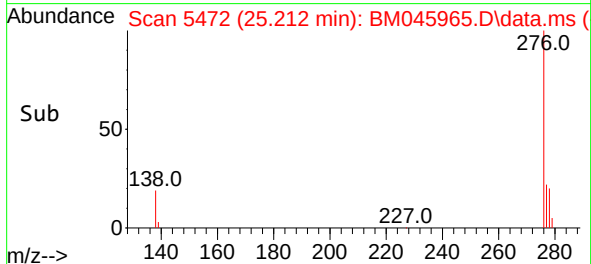
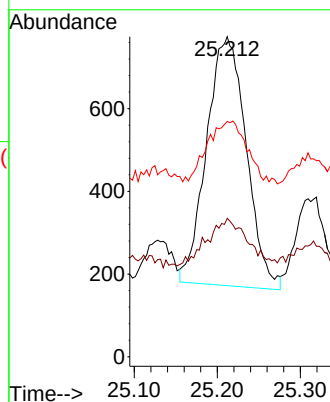
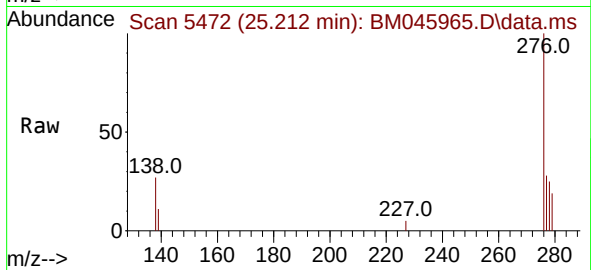
Tgt Ion:278 Resp: 199

Ion	Ratio	Lower	Upper
278	100		
139	43.3	16.6	25.0
279	73.5	24.6	37.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#29

Benzo(g,h,i)perylene

Concen: 0.221 ng/ul

RT: 25.836 min Scan# 5658

Delta R.T. -0.027 min

Lab File: BM045965.D

Acq: 10 Jun 2024 23:47

Tgt Ion:276 Resp: 9556

Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.0	31.4
277	28.1	20.5	30.7

