

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045957.D
 Acq On : 10 Jun 2024 18:58
 Operator : MA/JU
 Sample : P2642-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B35

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 22:48:26 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	7.455	152	4462	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.227	136	14386	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.104	164	7238	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.846	188	13944m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	10931m	0.400	ng/ul	-0.01
23) Perylene-d12	23.145	264	12038m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	23942	4.711	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.838	152	5376	0.260	ng/ul	0.00
18) Fluoranthene-d10	18.877	212	9742	0.298	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.277	128	3846	0.102	ng/ul#	93
7) 2-Methylnaphthalene	11.910	142	1304	0.054	ng/ul	97
8) 1-Methylnaphthalene	12.130	142	1171	0.045	ng/ul	94
10) Acenaphthylene	13.822	152	4525	0.137	ng/ul#	96
11) Acenaphthene	14.164	153	4220	0.174	ng/ul	97
12) Fluorene	15.154	166	4837	0.179	ng/ul	98
15) Phenanthrene	16.884	178	104787m	2.677	ng/ul	
16) Anthracene	16.977	178	18617m	0.558	ng/ul	
19) Fluoranthene	18.905	202	218653	5.016	ng/ul	99
20) Pyrene	19.272	202	163326	3.592	ng/ul	95
21) Benzo(a)anthracene	21.023	228	94978	2.367	ng/ul	98
22) Chrysene	21.076	228	105523	2.416	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	137719m	3.449	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	57041m	1.300	ng/ul	
26) Benzo(a)pyrene	23.051	252	66407	1.672	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.202	276	60817	1.184	ng/ul	91
28) Dibenzo(a,h)anthracene	25.209	278	16502	0.402	ng/ul	94
29) Benzo(g,h,i)perylene	25.836	276	10094	0.228	ng/ul#	90

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

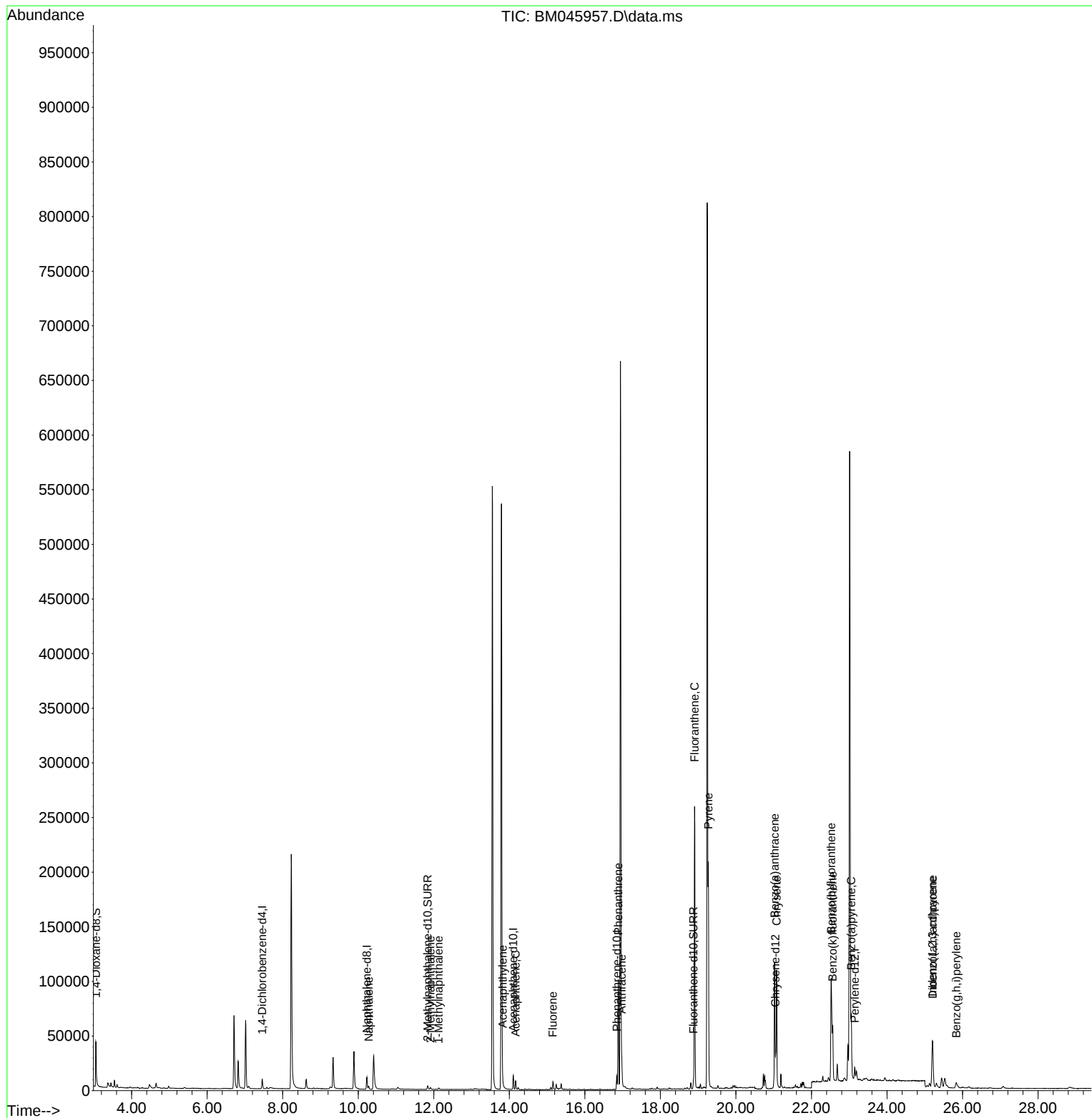
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045957.D
Acq On : 10 Jun 2024 18:58
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Sample : P2642-11
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ALS Vial : 17 Sample Multiplier: 1

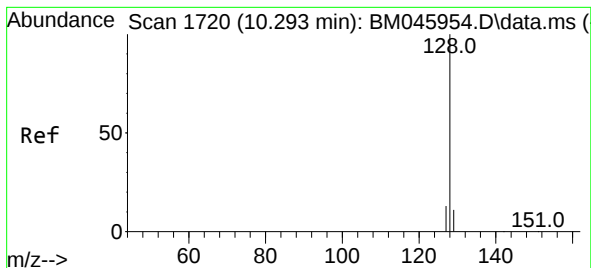
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Supervised By :mohammad ahmed 06/13/2024

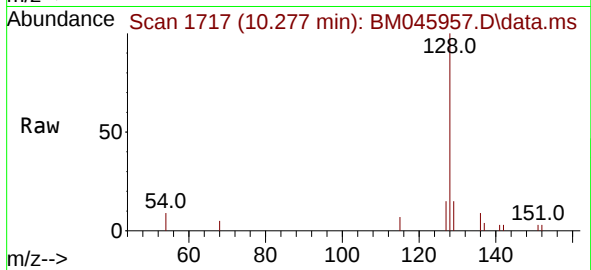
Quant Time: Jun 10 22:48:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. -0.026 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

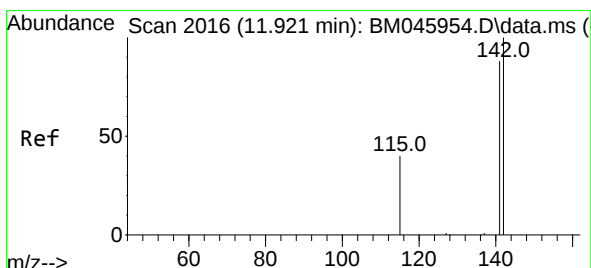
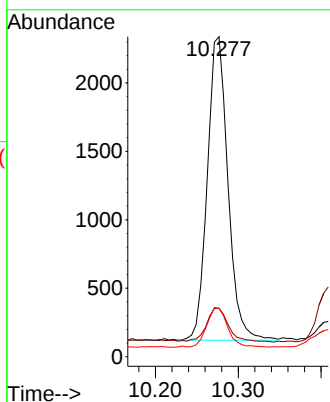
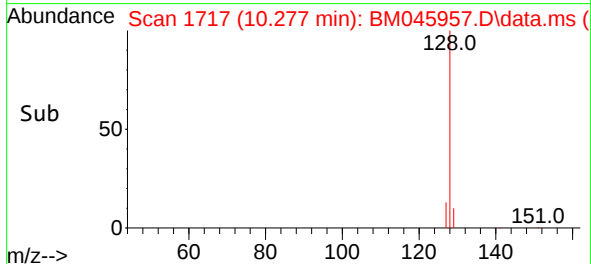
Instrument :
BNA_M
ClientSampleId :
A4B35



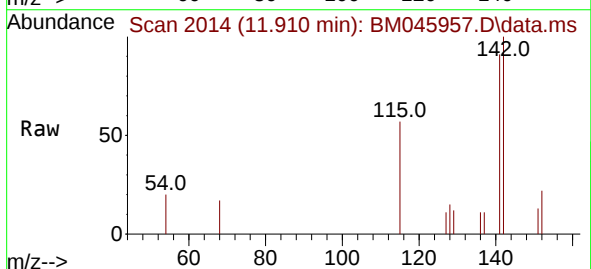
Tgt Ion:128 Resp: 3840
Ion Ratio Lower Upper
128 100
129 15.2 9.4 14.0
127 15.1 10.6 15.8

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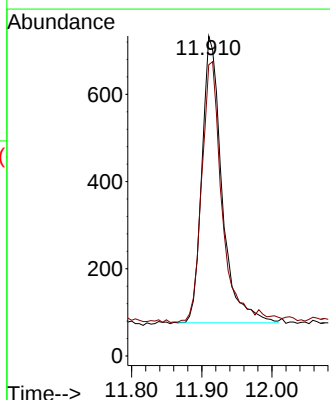
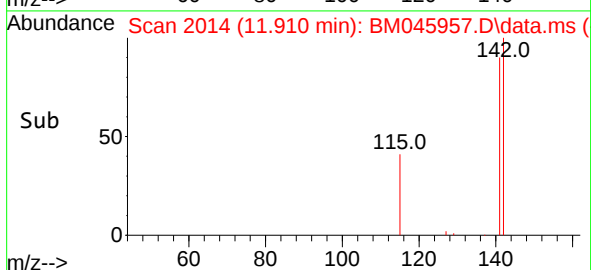
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

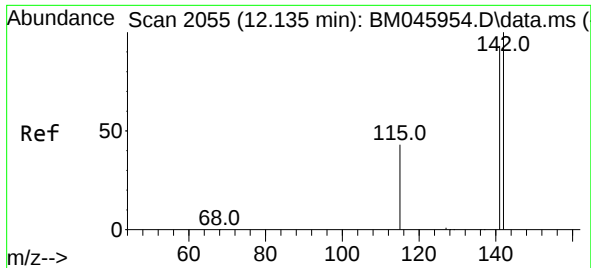


#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.010 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



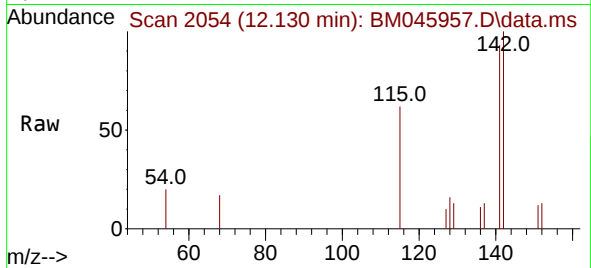
Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
141 93.3 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

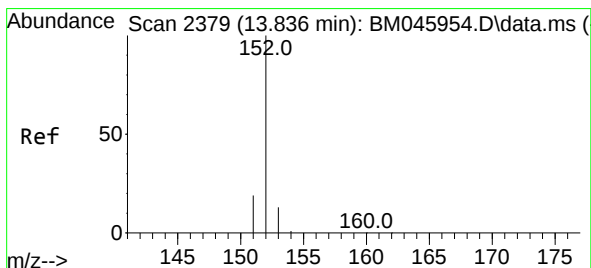
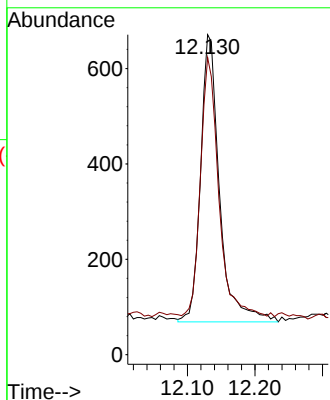
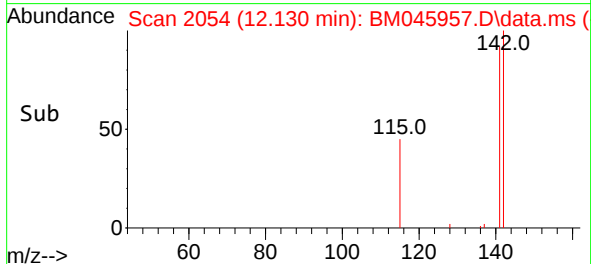
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 117
Ion Ratio Lower Upper
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141 85.7 73.5 110.3

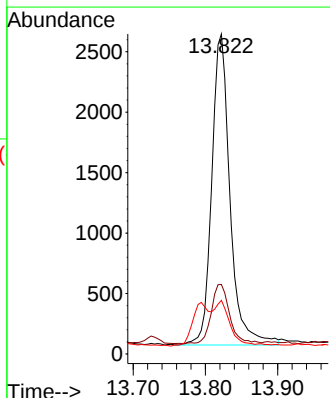
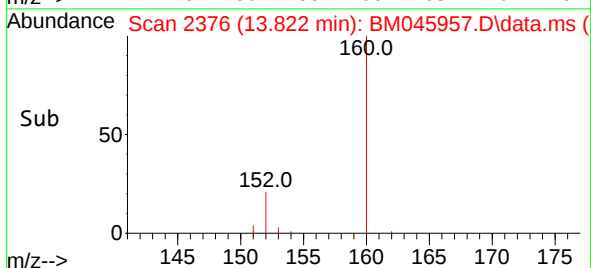
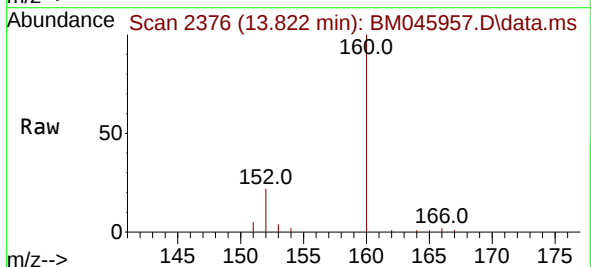
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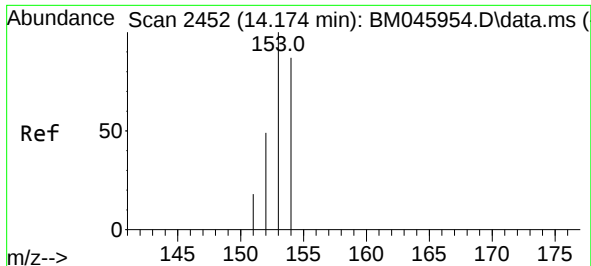
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

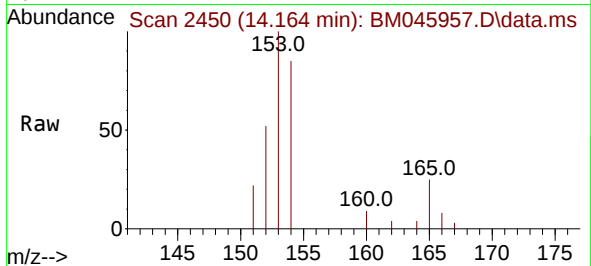
Tgt Ion:152 Resp: 4525
Ion Ratio Lower Upper
152 100
151 21.7 16.4 24.6
153 16.8 11.1 16.7#





#11
Acenaphthene
Concen: 0.174 ng/u1
RT: 14.164 min Scan# 2450
Delta R.T. -0.017 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

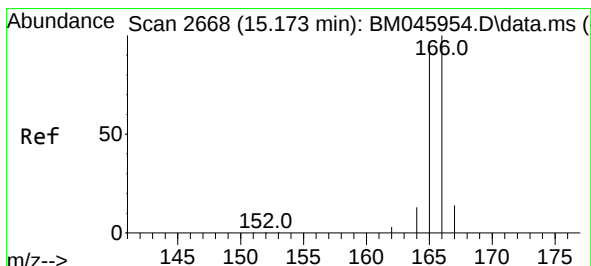
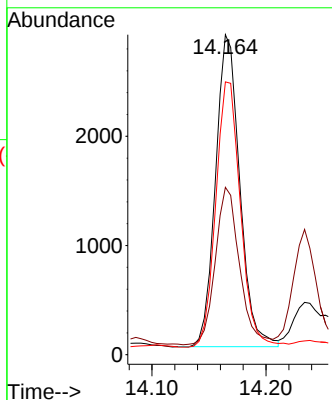
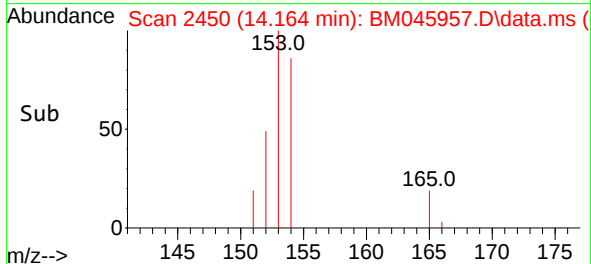
Instrument :
BNA_M
ClientSampleId :
A4B35



Tgt Ion:153 Resp: 4220
Ion Ratio Lower Upper
153 100
152 52.3 39.0 58.4
154 85.3 69.4 104.2

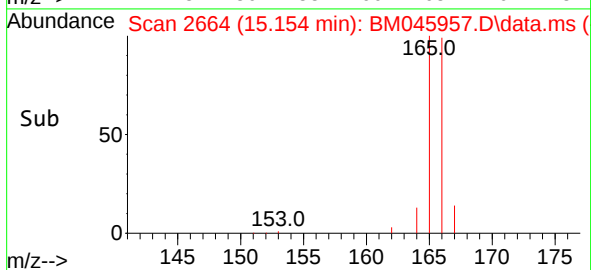
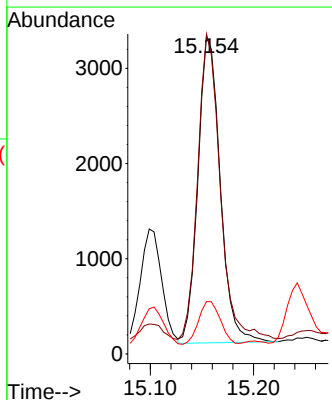
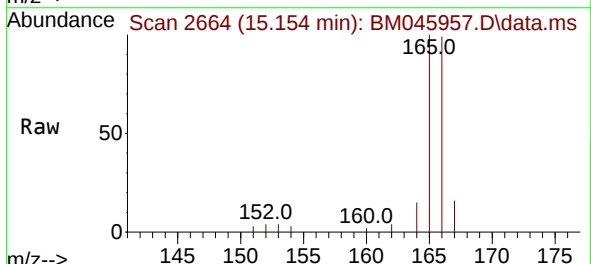
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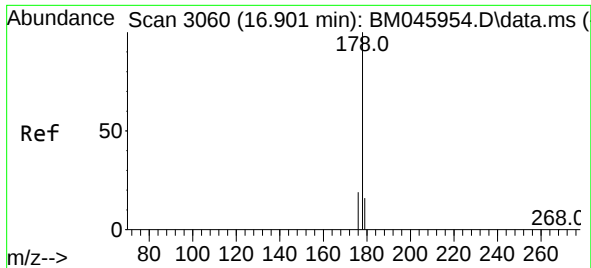
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.179 ng/u1
RT: 15.154 min Scan# 2664
Delta R.T. -0.022 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

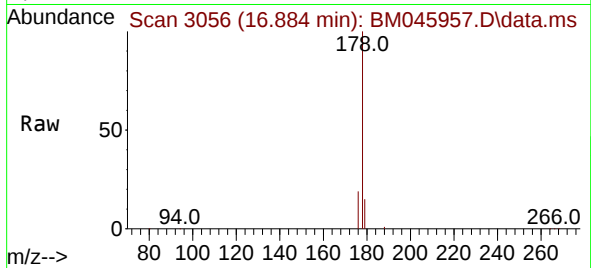
Tgt Ion:166 Resp: 4837
Ion Ratio Lower Upper
166 100
165 100.7 79.7 119.5
167 16.5 11.3 16.9





#15
Phenanthrene
Concen: 2.677 ng/ul m
RT: 16.884 min Scan# 3060
Delta R.T. -0.020 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

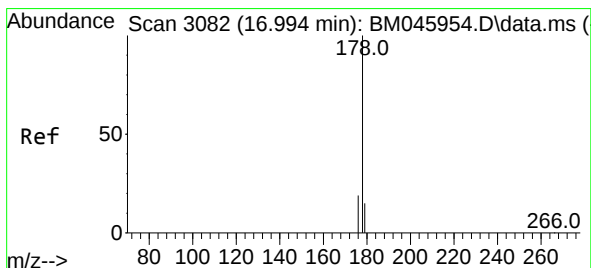
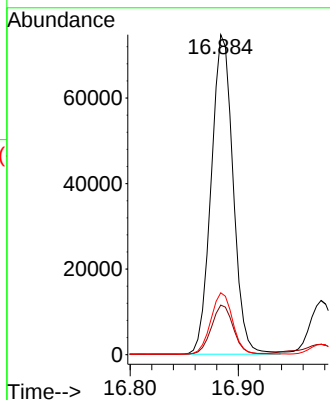
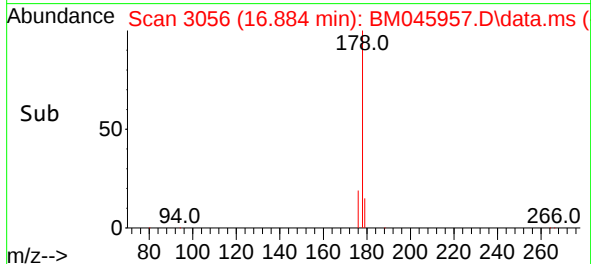
Instrument :
BNA_M
ClientSampleId :
A4B35



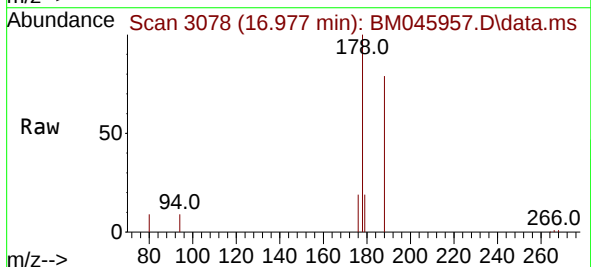
Tgt Ion:178 Resp: 10478
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.6 23.4

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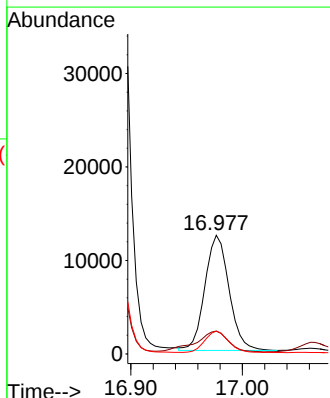
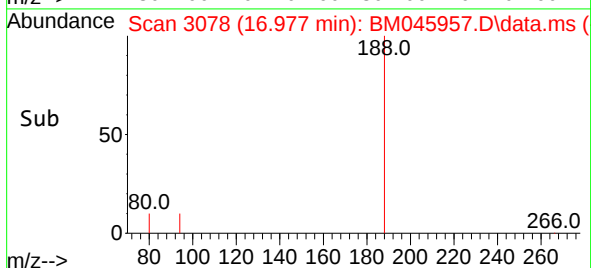
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

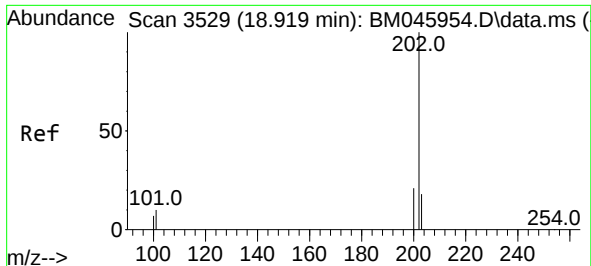


#16
Anthracene
Concen: 0.558 ng/ul m
RT: 16.977 min Scan# 3078
Delta R.T. -0.020 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



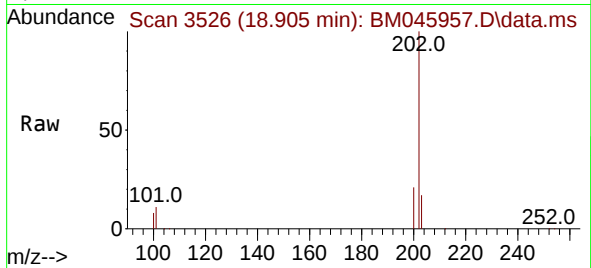
Tgt Ion:178 Resp: 18617
Ion Ratio Lower Upper
178 100
179 19.3 13.1 19.7
176 19.2 15.5 23.3





#19
Fluoranthene
Concen: 5.016 ng/u1
RT: 18.905 min Scan# 3526
Delta R.T. -0.017 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

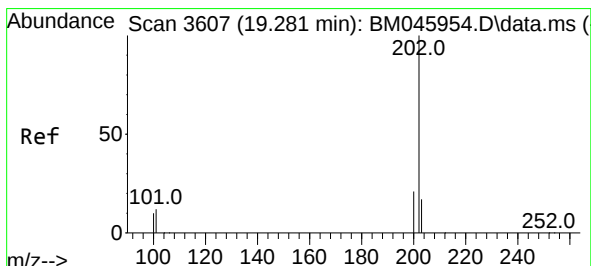
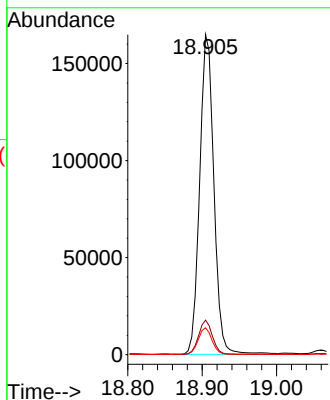
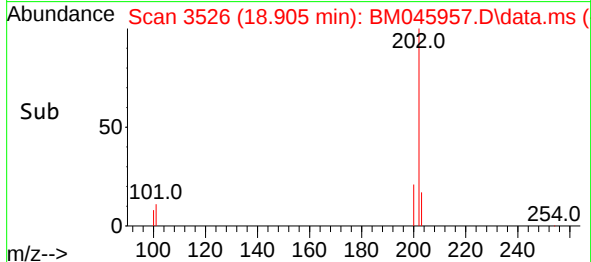
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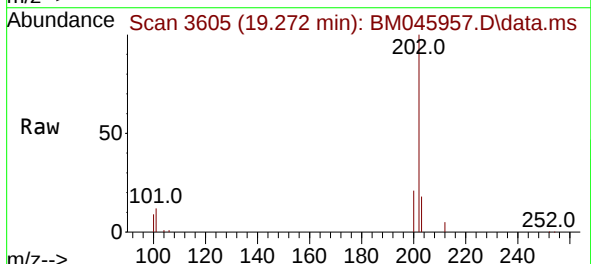
Tgt Ion:202 Resp: 21865
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.6
100 8.4 7.0 10.6

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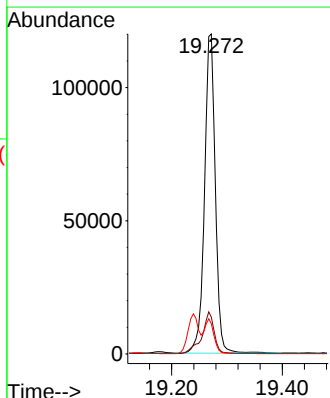
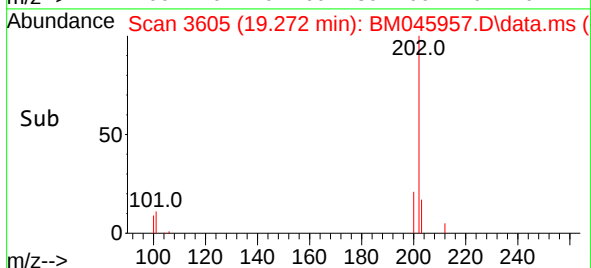
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

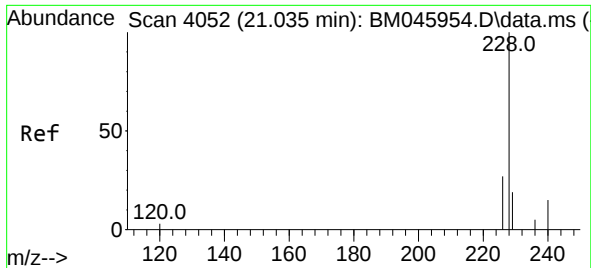


#20
Pyrene
Concen: 3.592 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



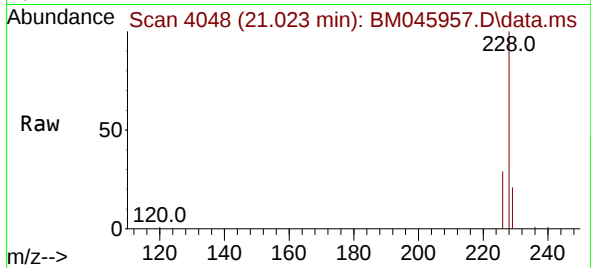
Tgt Ion:202 Resp: 163326
Ion Ratio Lower Upper
202 100
101 11.5 10.6 16.0
100 9.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.367 ng/ul
RT: 21.023 min Scan# 4052
Delta R.T. -0.012 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

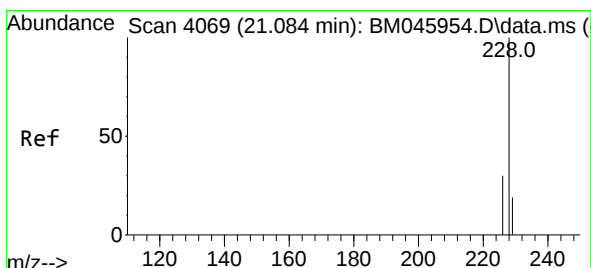
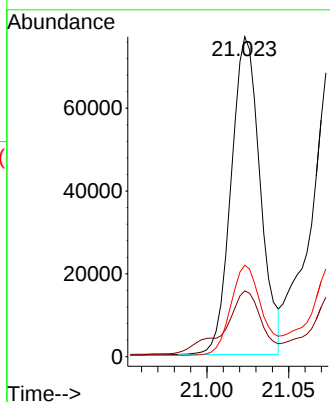
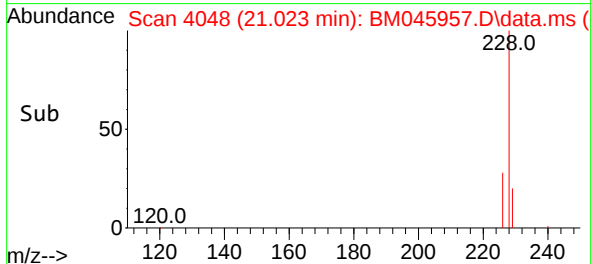
Instrument :
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Tgt Ion:228 Resp: 94978
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.6 22.0 33.0

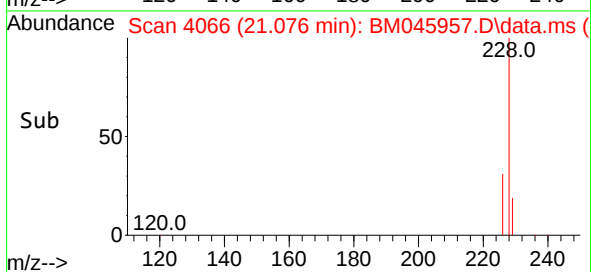
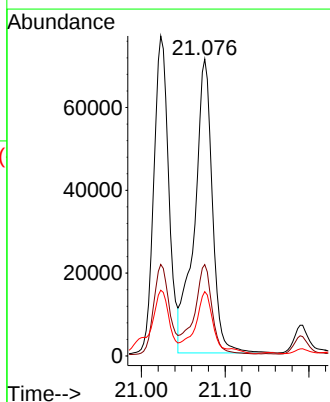
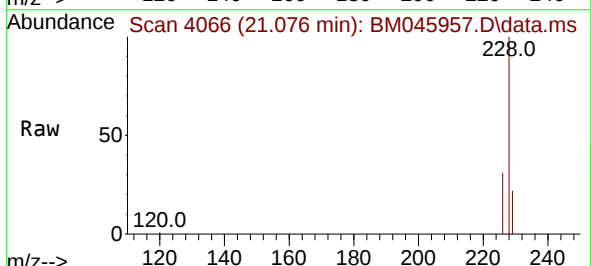
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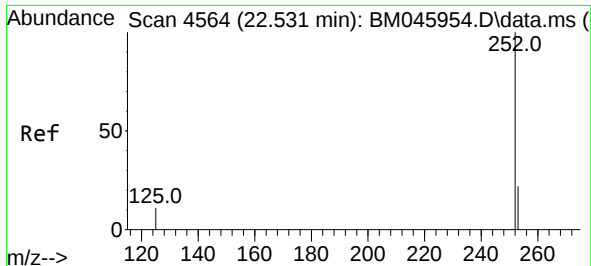
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 2.416 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.012 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

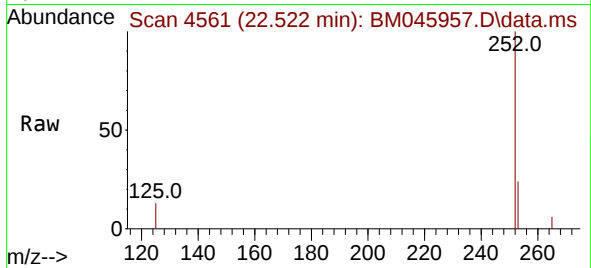
Tgt Ion:228 Resp: 105523
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.7 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 3.449 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.015 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

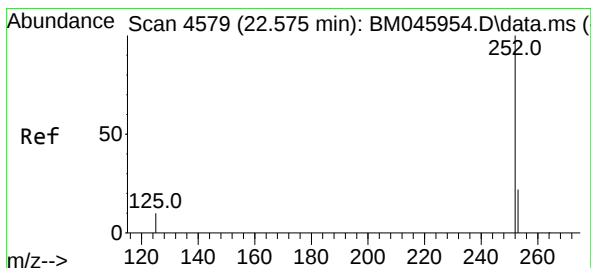
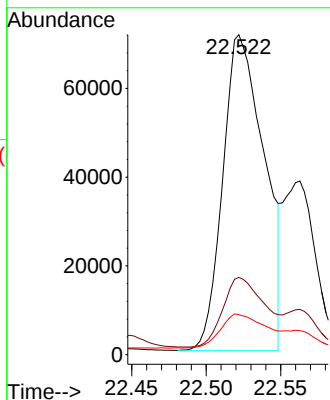
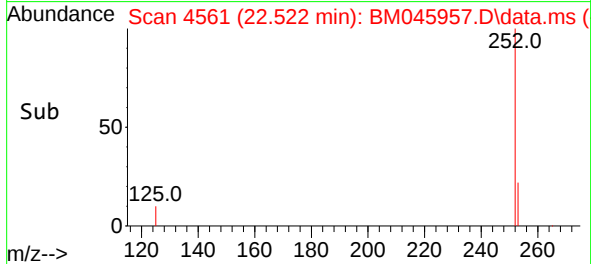
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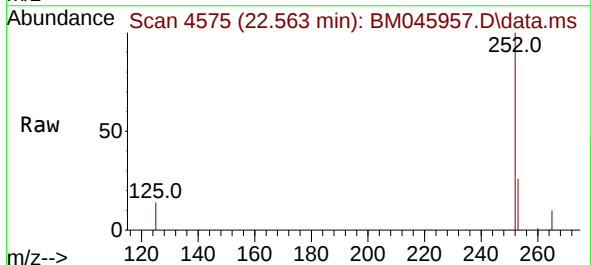
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Ion Ratio Lower Upper
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253 24.2 0.0 63.6
125 12.5 0.0 35.8

Manual Integrations
APPROVED

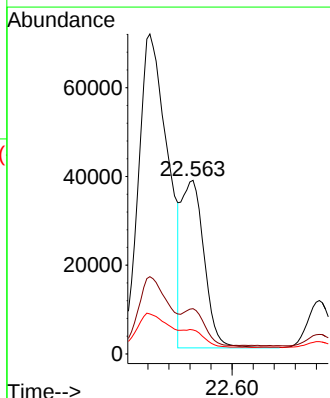
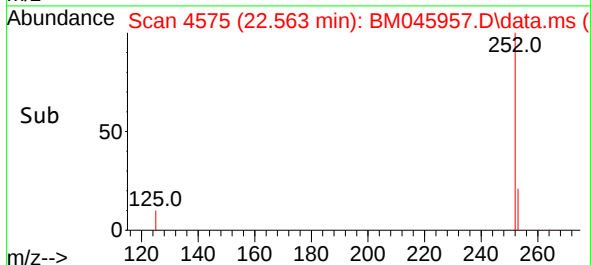
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

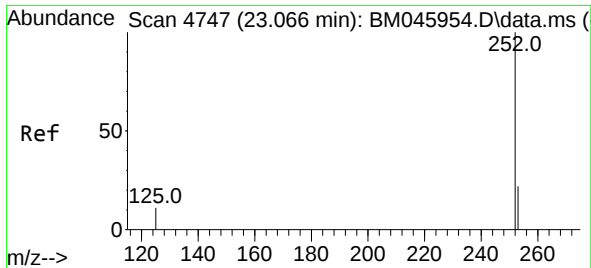


#25
Benzo(k)fluoranthene
Concen: 1.300 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



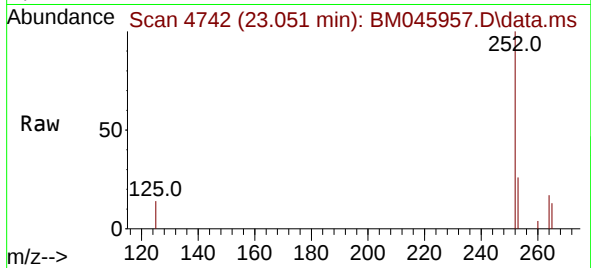
Tgt Ion:252 Resp: 57041
Ion Ratio Lower Upper
252 100
253 26.1 25.0 37.6
125 13.8 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 1.672 ng/ul
RT: 23.051 min Scan# 41
Delta R.T. -0.021 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

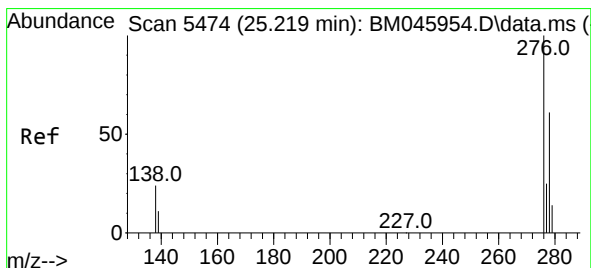
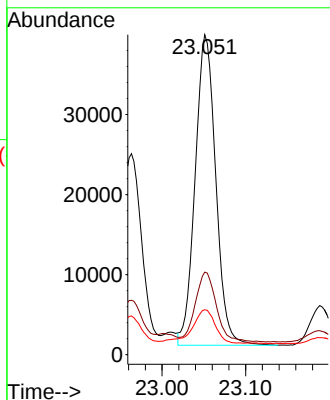
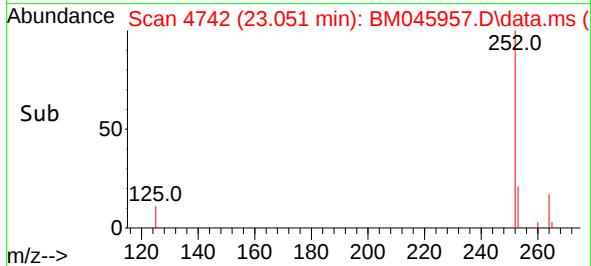
Instrument :
BNA_M
ClientSampleId :
A4B35



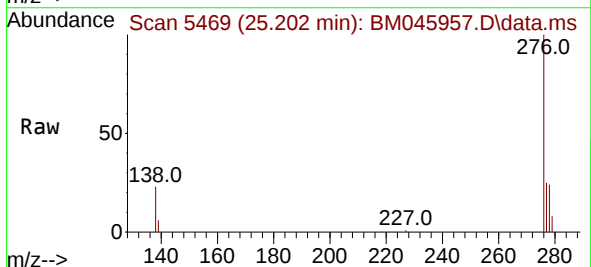
Tgt Ion:252 Resp: 6640
Ion Ratio Lower Upper
252 100
253 25.8 28.8 43.2
125 14.1 17.3 25.9

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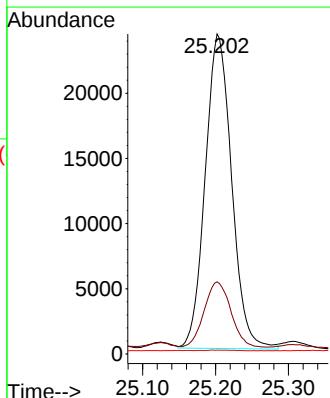
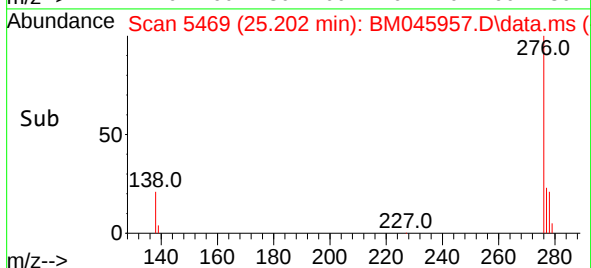
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

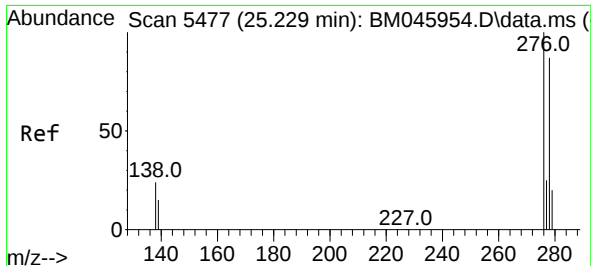


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 25.202 min Scan# 5469
Delta R.T. -0.030 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



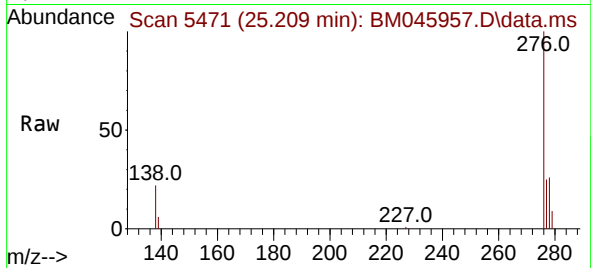
Tgt Ion:276 Resp: 60817
Ion Ratio Lower Upper
276 100
138 21.0 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 25.209 min Scan# 5471
Delta R.T. -0.040 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58

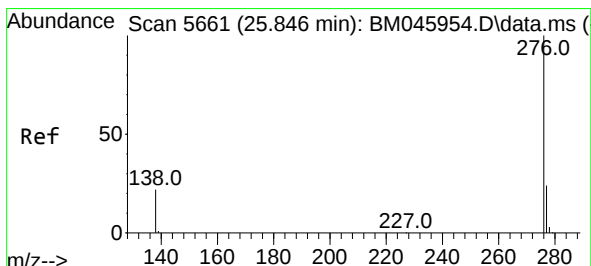
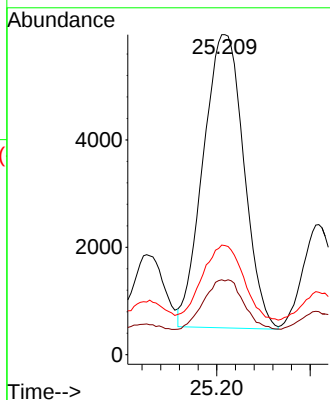
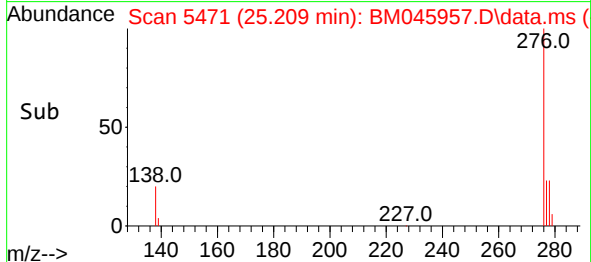
Instrument :
BNA_M
ClientSampleId :
A4B35



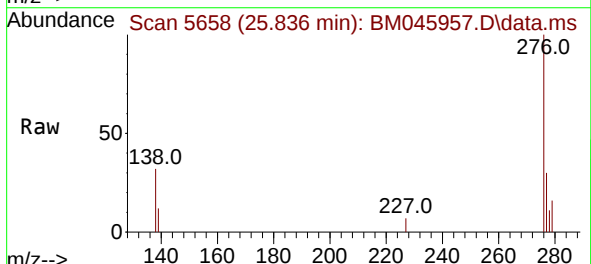
Tgt Ion:278 Resp: 16502
Ion Ratio Lower Upper
278 100
139 23.1 16.6 25.0
279 34.1 24.6 37.0

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: 0.228 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045957.D
Acq: 10 Jun 2024 18:58



Tgt Ion:276 Resp: 10094
Ion Ratio Lower Upper
276 100
138 31.8 21.0 31.4#
277 30.2 20.5 30.7

