

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045952.D
 Acq On : 10 Jun 2024 15:56
 Operator : MA/JU
 Sample : P2642-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 16:49:47 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	7.459	152	4798	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.231	136	15184	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.103	164	7616	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.844	188	15948m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.041	240	12228m	0.400	ng/ul	-0.01
23) Perylene-d12	23.148	264	13953m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	19642	3.594	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	4686	0.215	ng/ul	-0.01
18) Fluoranthene-d10	18.875	212	9788	0.267	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.275	128	5869	0.148	ng/ul	95
7) 2-Methylnaphthalene	11.914	142	2124	0.084	ng/ul	98
8) 1-Methylnaphthalene	12.134	142	1936	0.070	ng/ul	98
10) Acenaphthylene	13.821	152	12865	0.371	ng/ul	99
11) Acenaphthene	14.168	153	10860	0.427	ng/ul	100
12) Fluorene	15.158	166	13031	0.458	ng/ul	98
15) Phenanthrene	16.887	178	287160m	6.413	ng/ul	
16) Anthracene	16.975	178	53235m	1.394	ng/ul	
19) Fluoranthene	18.908	202	594835	12.199	ng/ul	97
20) Pyrene	19.270	202	443284	8.715	ng/ul	96
21) Benzo(a)anthracene	21.023	228	251855	5.611	ng/ul	98
22) Chrysene	21.073	228	274015	5.608	ng/ul	99
24) Benzo(b)fluoranthene	22.525	252	376378m	8.133	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	137014m	2.694	ng/ul	
26) Benzo(a)pyrene	23.054	252	173626	3.773	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.206	276	158565	2.664	ng/ul	92
28) Dibenzo(a,h)anthracene	25.209	278	45639	0.959	ng/ul	99
29) Benzo(g,h,i)perylene	25.833	276	26001	0.507	ng/ul	96

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

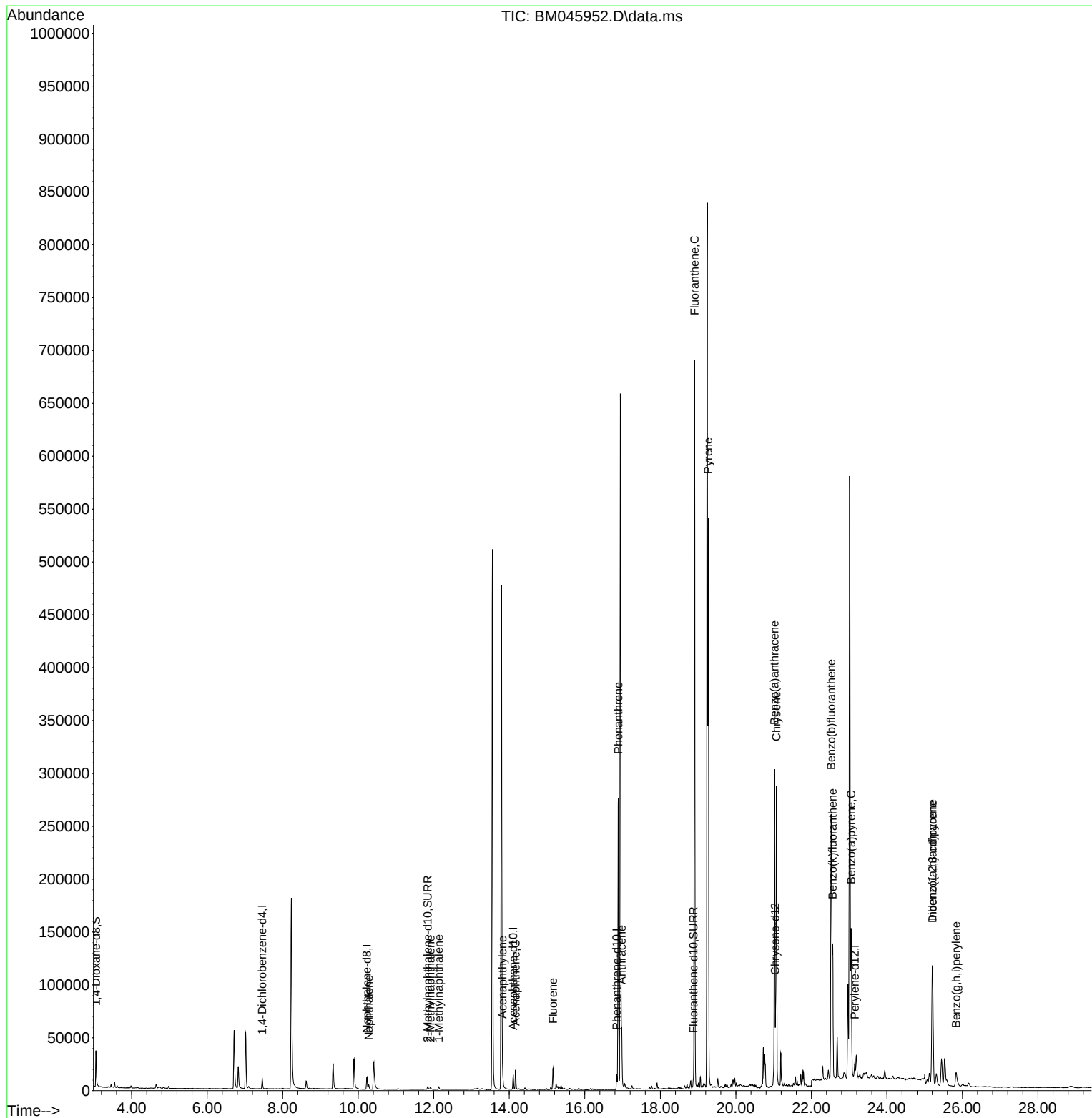
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045952.D
Acq On : 10 Jun 2024 15:56
Operator : MA/JU
Sample : P2642-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

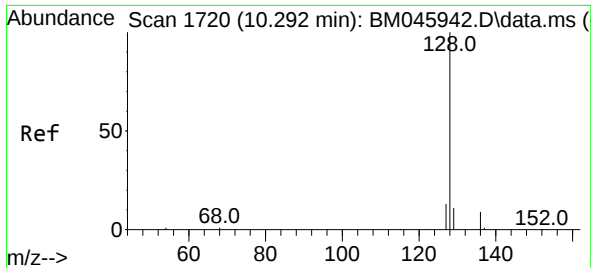
Instrument :
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Quant Time: Jun 10 16:49:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
APPROVED

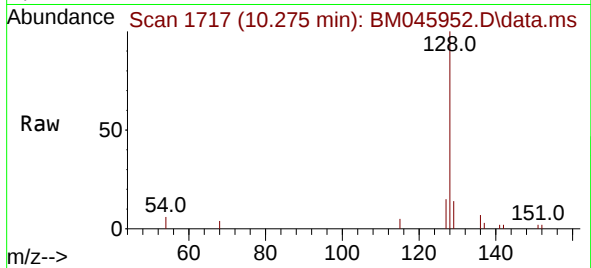
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.028 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

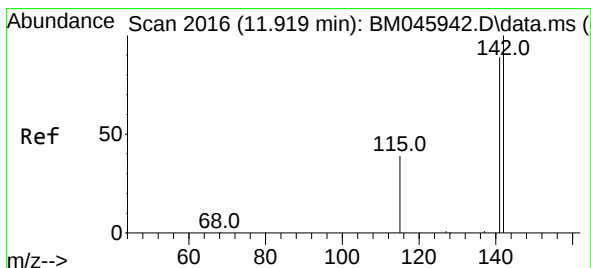
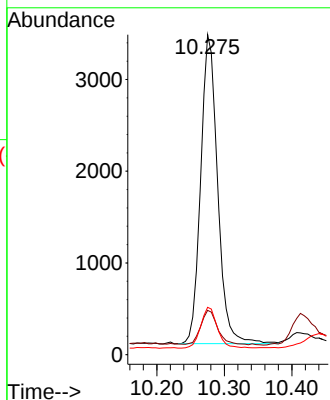
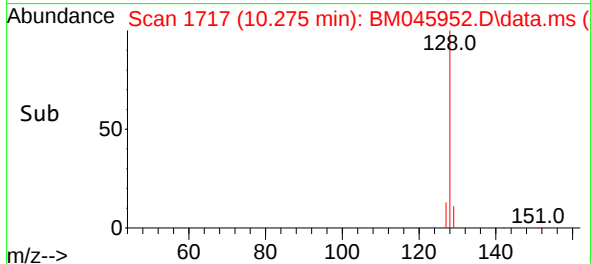
Instrument :
BNA_M
ClientSampleId :
A4BH7



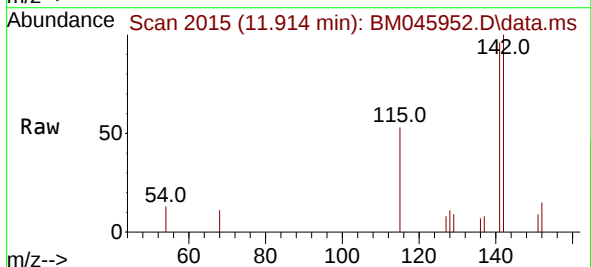
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Ion Ratio Lower Upper
128 100
129 13.8 9.4 14.0
127 14.8 10.6 15.8

Manual Integrations
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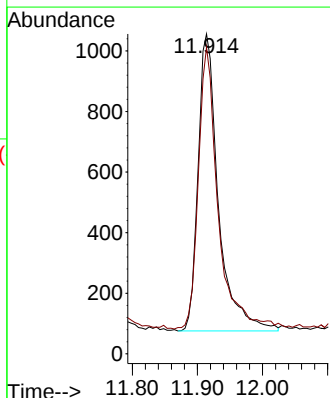
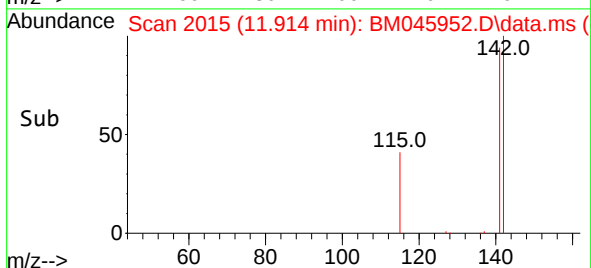
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

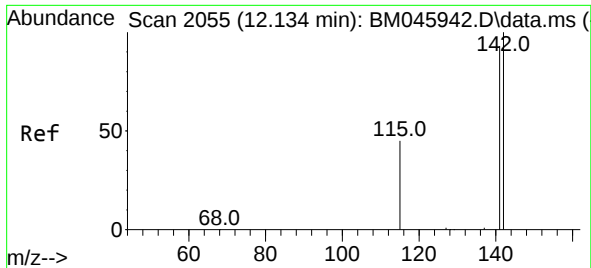


#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 11.914 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56



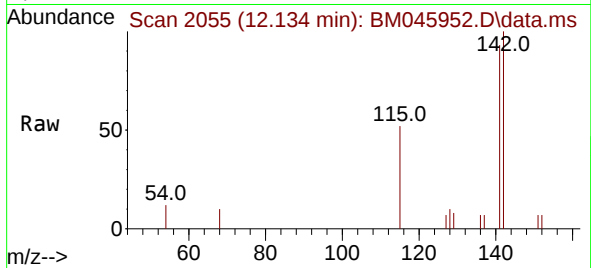
Tgt Ion:142 Resp: 2124
Ion Ratio Lower Upper
142 100
141 91.9 72.2 108.4





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

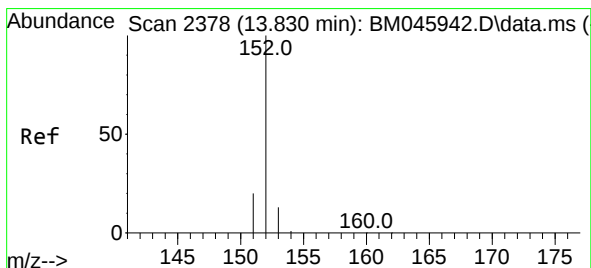
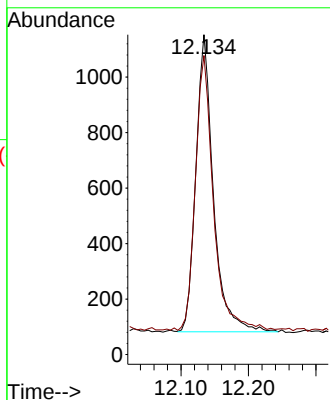
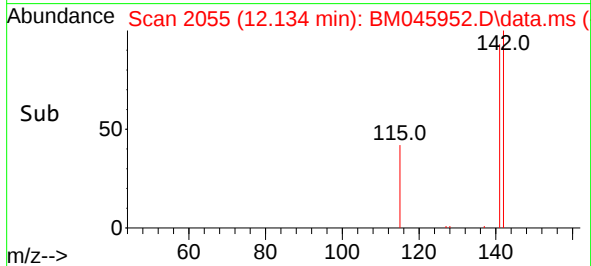
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:142 Resp: 1930
Ion Ratio Lower Upper
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141 94.1 73.5 110.3

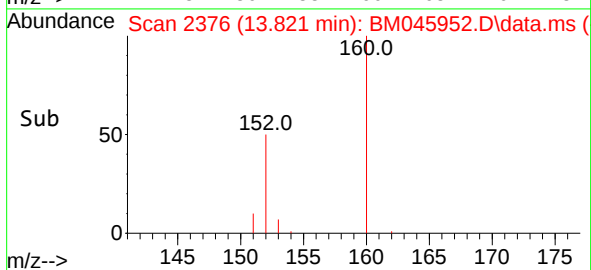
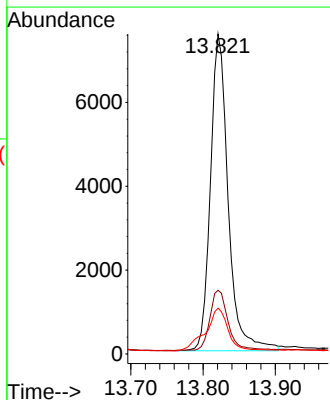
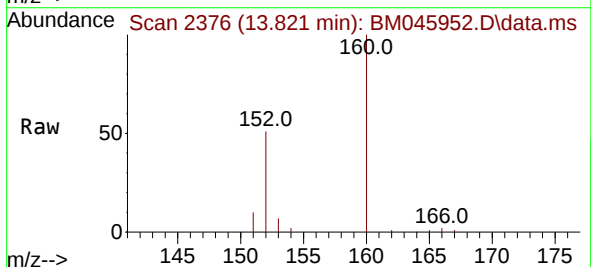
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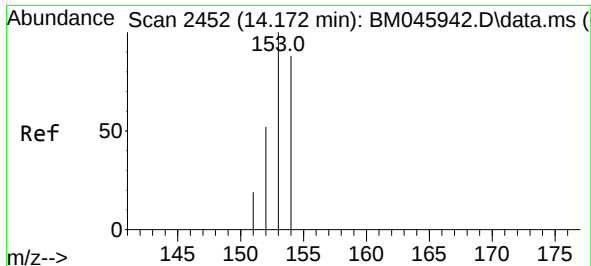
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 13.821 min Scan# 2376
Delta R.T. -0.019 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

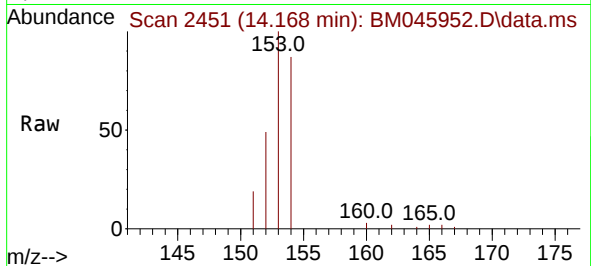
Tgt Ion:152 Resp: 12865
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 14.3 11.1 16.7





#11
Acenaphthene
Concen: 0.427 ng/u1
RT: 14.168 min Scan# 2451
Delta R.T. -0.014 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

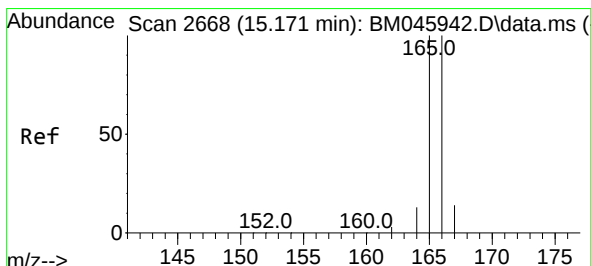
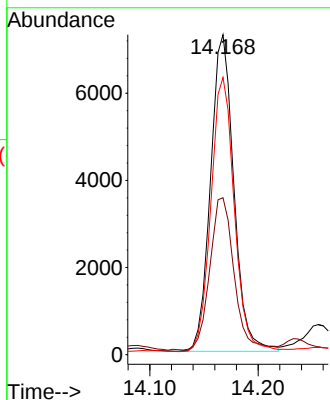
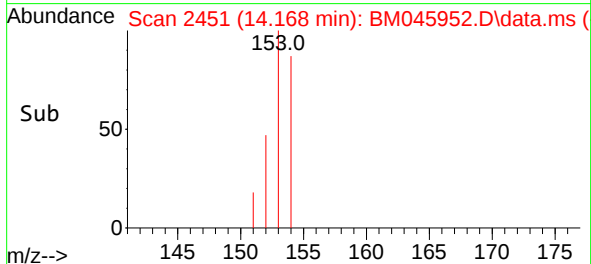
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:153 Resp: 10860
Ion Ratio Lower Upper
153 100
152 49.0 39.0 58.4
154 86.6 69.4 104.2

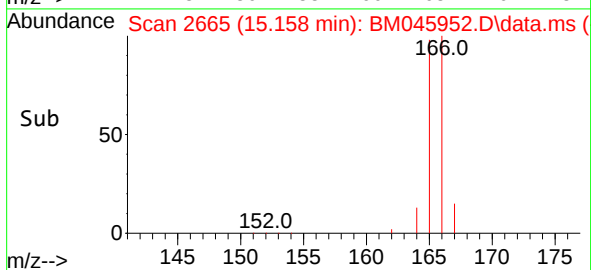
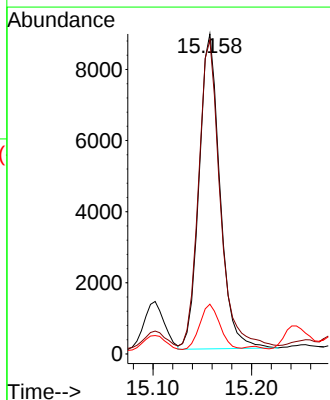
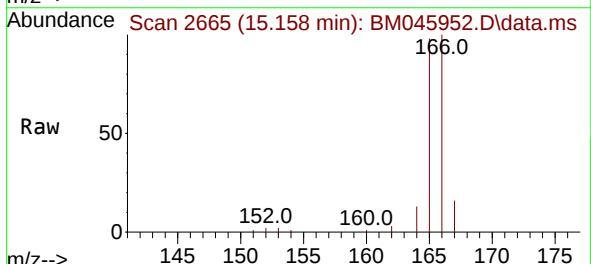
Manual Integrations
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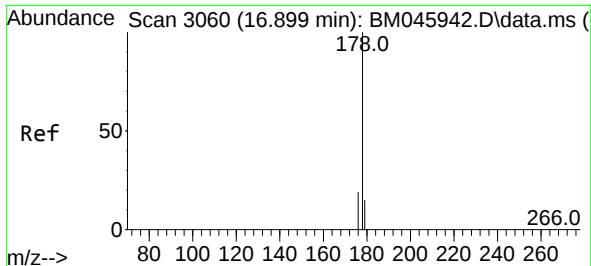
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.458 ng/u1
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

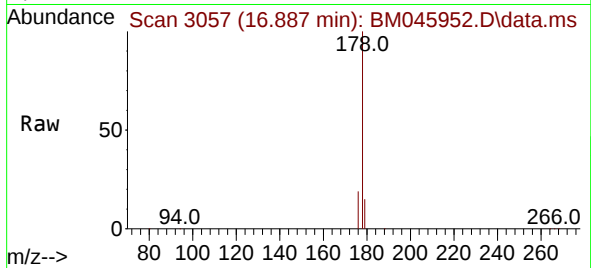
Tgt Ion:166 Resp: 13031
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 6.413 ng/ul m
RT: 16.887 min Scan# 3057
Delta R.T. -0.017 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

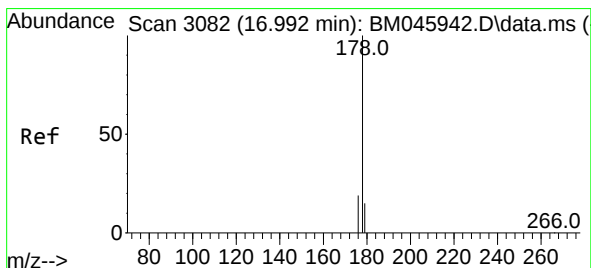
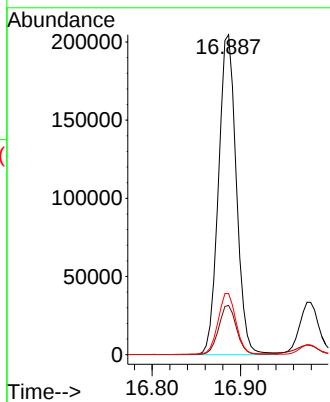
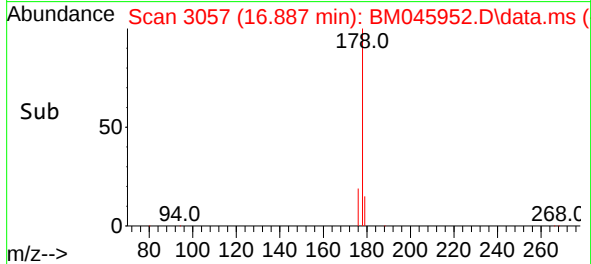
Instrument :
BNA_M
ClientSampleId :
A4BH7



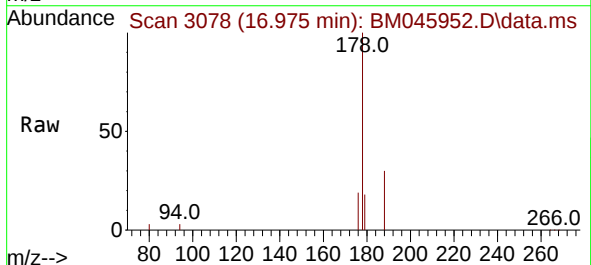
Tgt Ion:178 Resp: 287160
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.1 15.6 23.4

Manual Integrations
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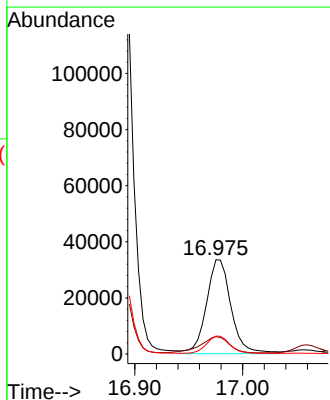
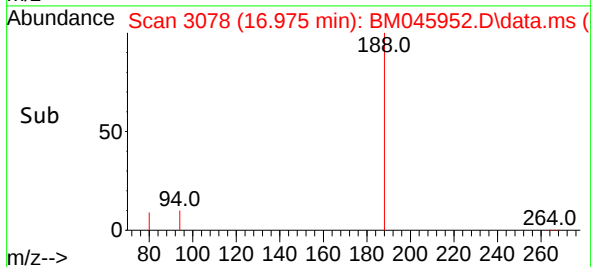
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

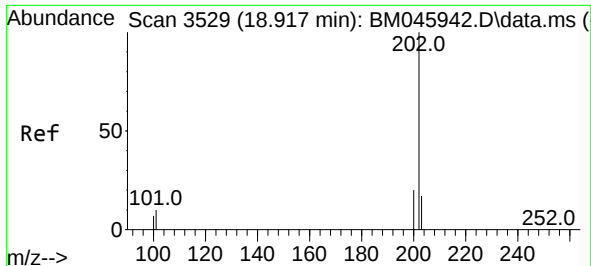


#16
Anthracene
Concen: 1.394 ng/ul m
RT: 16.975 min Scan# 3078
Delta R.T. -0.021 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56



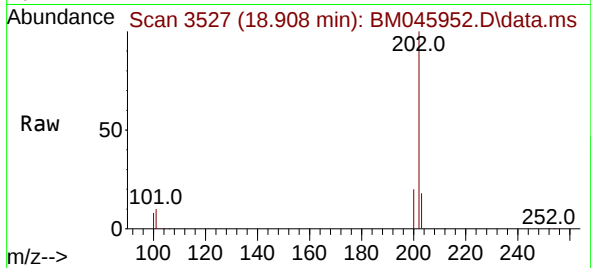
Tgt Ion:178 Resp: 53235
Ion Ratio Lower Upper
178 100
179 18.4 13.1 19.7
176 19.1 15.5 23.3





#19
Fluoranthene
Concen: 12.199 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

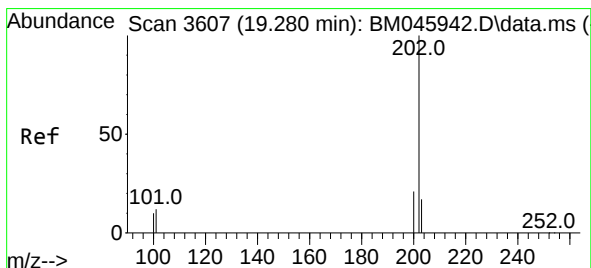
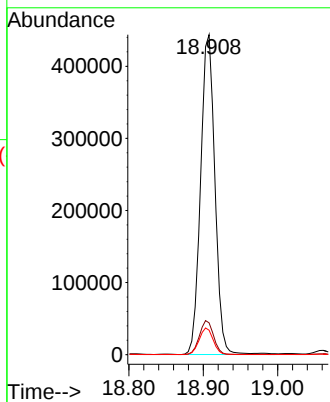
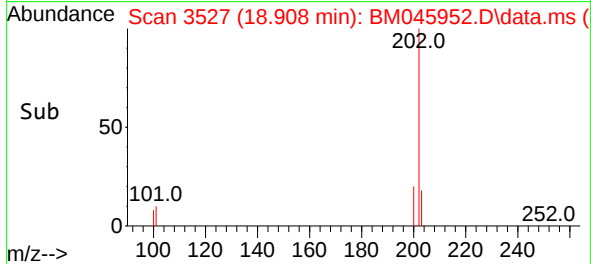
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:202 Resp: 594835
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.6
100 7.6 7.0 10.6

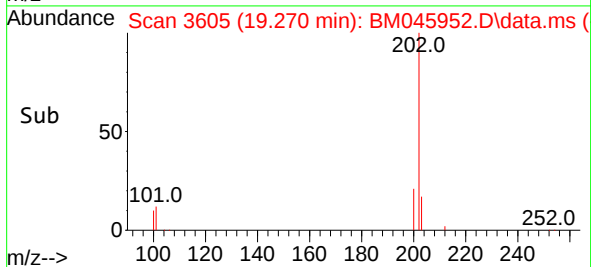
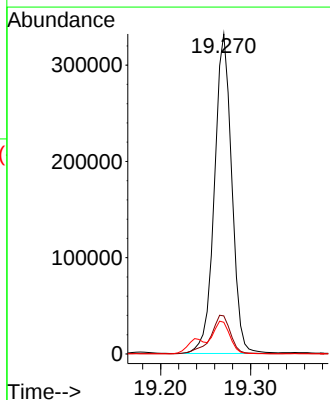
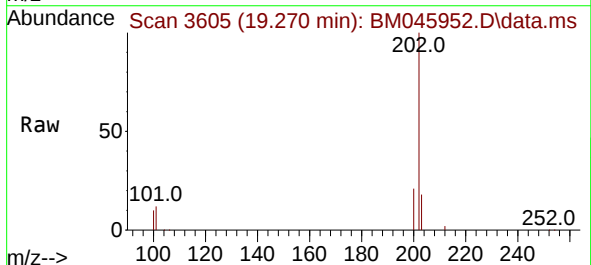
Manual Integrations
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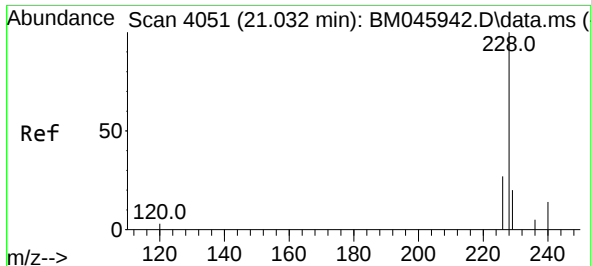
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 8.715 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

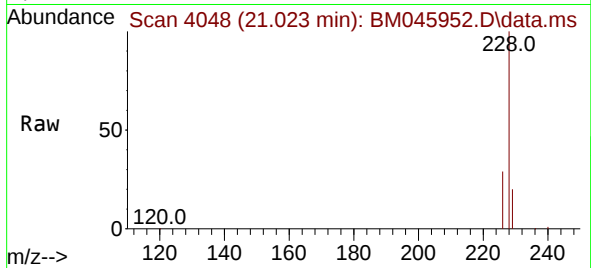
Tgt Ion:202 Resp: 443284
Ion Ratio Lower Upper
202 100
101 11.9 10.6 16.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.611 ng/ul
RT: 21.023 min Scan# 4051
Delta R.T. -0.012 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

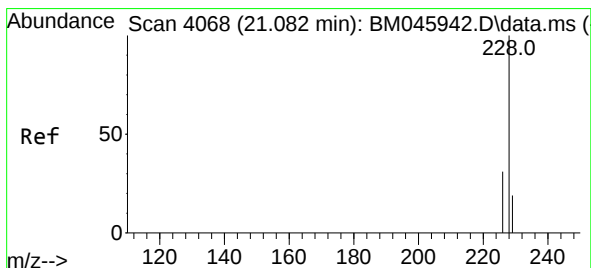
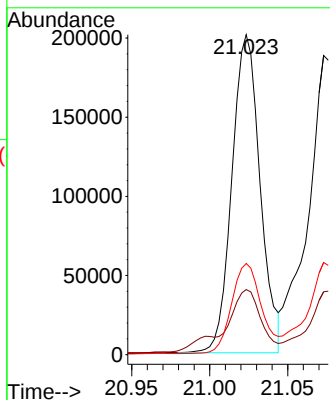
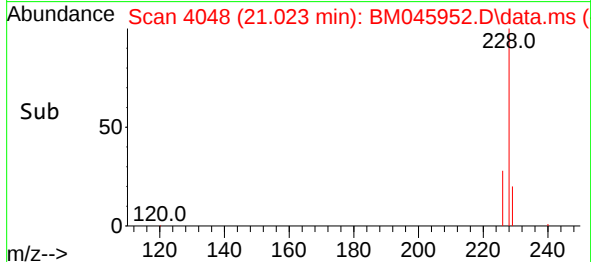
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:228 Resp: 25185
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 28.5 22.0 33.0

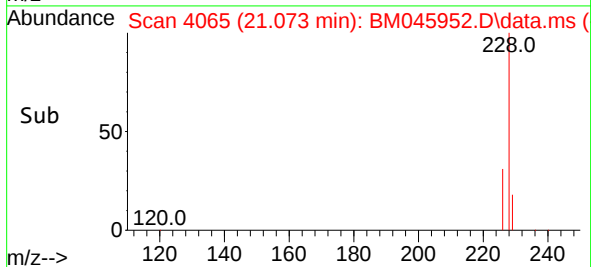
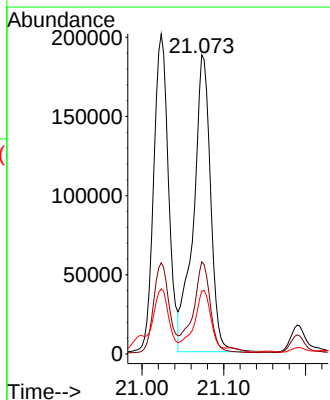
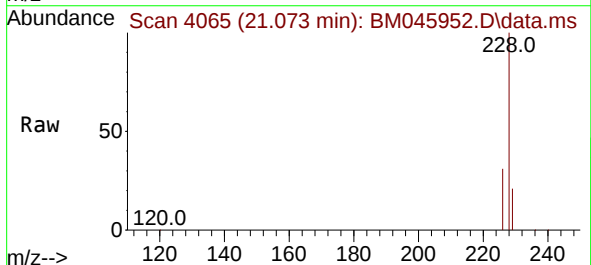
Manual Integrations
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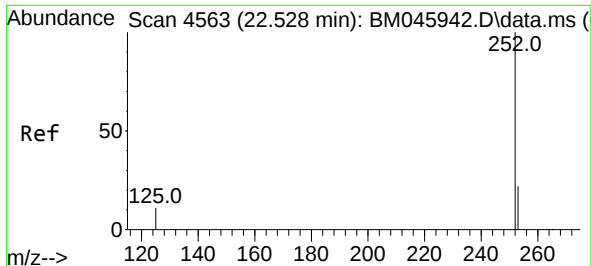
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 5.608 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.015 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

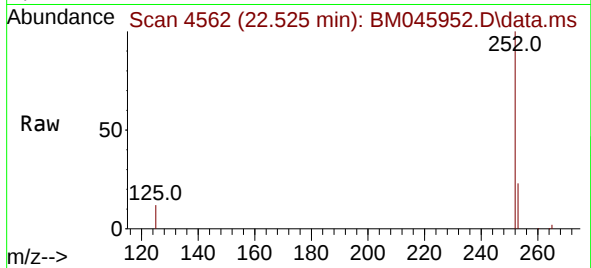
Tgt Ion:228 Resp: 274015
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 8.133 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

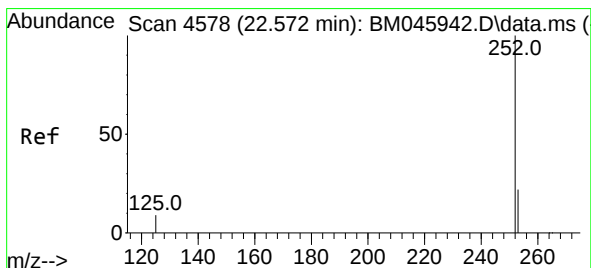
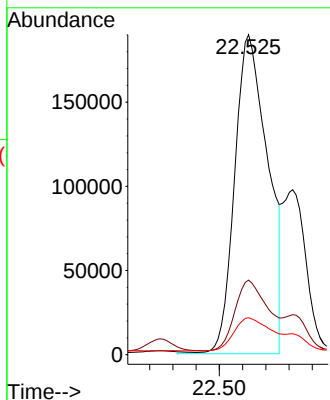
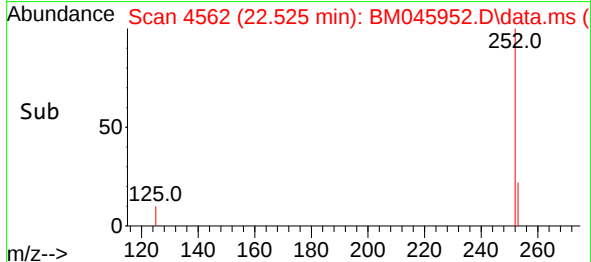
Instrument :
BNA_M
ClientSampleId :
A4BH7



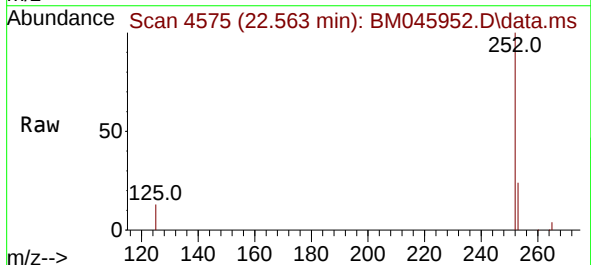
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Ion Ratio Lower Upper
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253 23.3 0.0 63.6
125 11.6 0.0 35.8

Manual Integrations
APPROVED

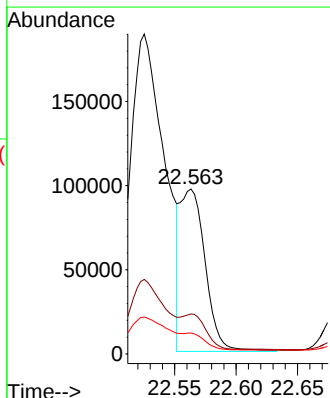
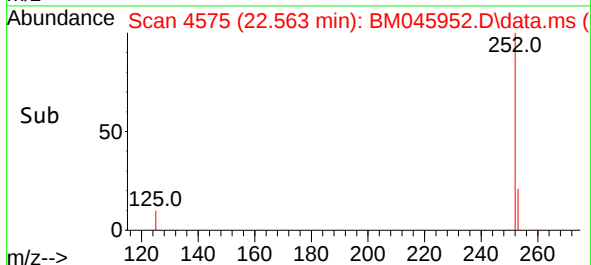
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

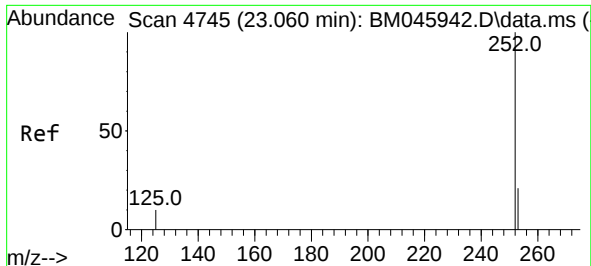


#25
Benzo(k)fluoranthene
Concen: 2.694 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56



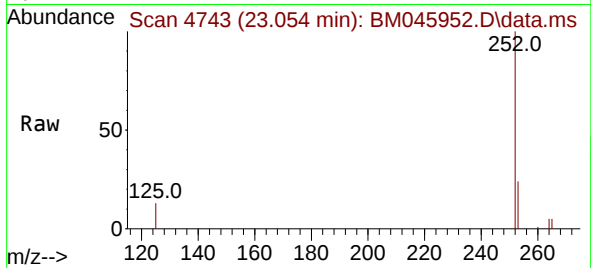
Tgt Ion:252 Resp: 137014
Ion Ratio Lower Upper
252 100
253 24.3 25.0 37.6#
125 12.7 14.2 21.2#





#26
Benzo(a)pyrene
Concen: 3.773 ng/ul
RT: 23.054 min Scan# 4745
Delta R.T. -0.018 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

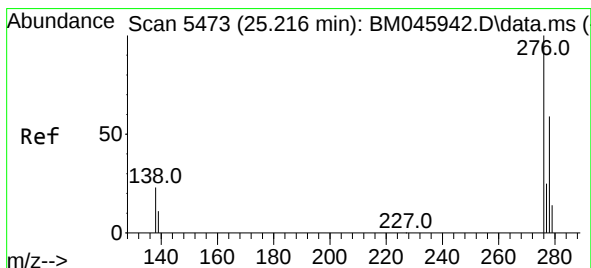
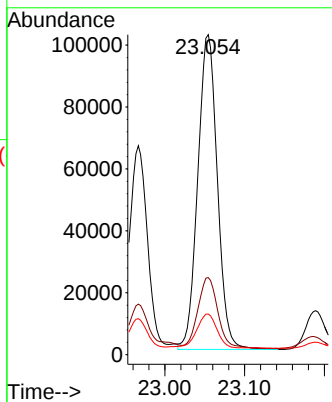
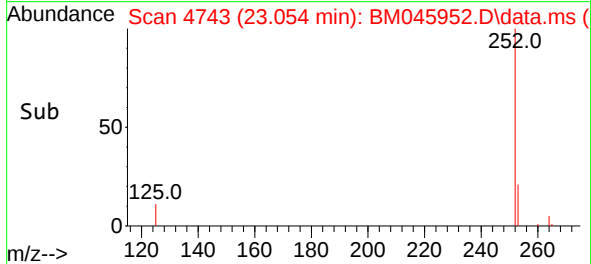
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:252 Resp: 173620
Ion Ratio Lower Upper
252 100
253 24.1 28.8 43.2
125 12.7 17.3 25.9

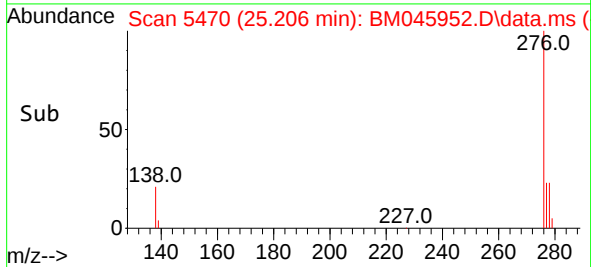
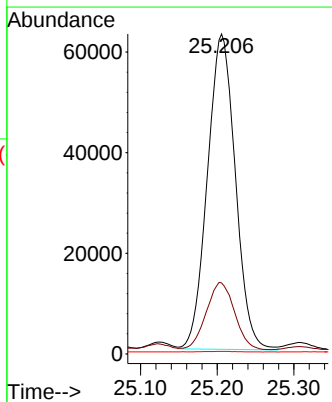
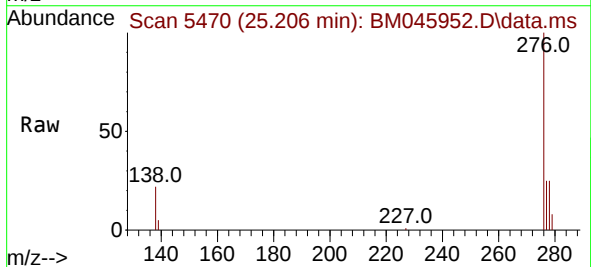
Manual Integrations
APPROVED

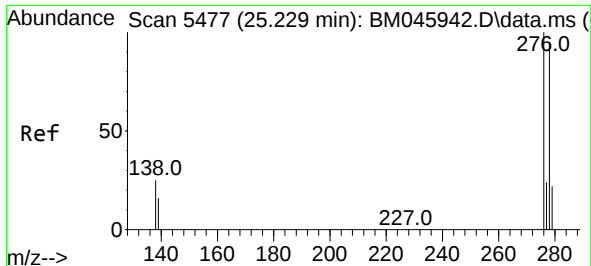
Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.664 ng/ul
RT: 25.206 min Scan# 5470
Delta R.T. -0.027 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

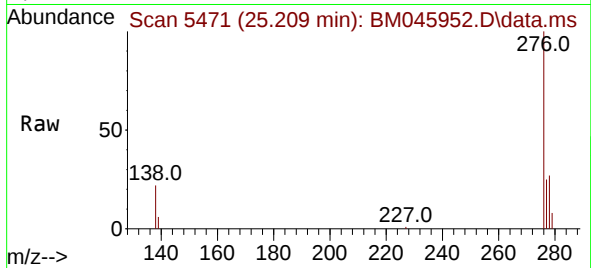
Tgt Ion:276 Resp: 158565
Ion Ratio Lower Upper
276 100
138 21.6 20.7 31.1
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.959 ng/ul
RT: 25.209 min Scan# 5477
Delta R.T. -0.040 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56

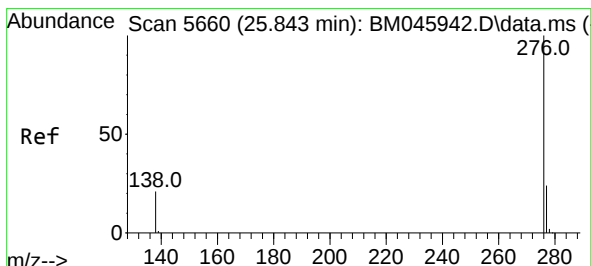
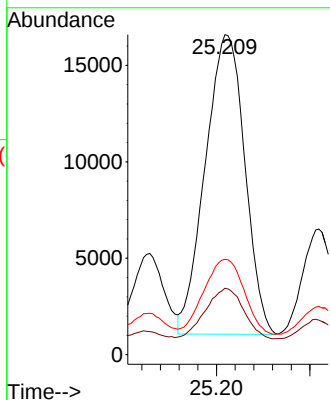
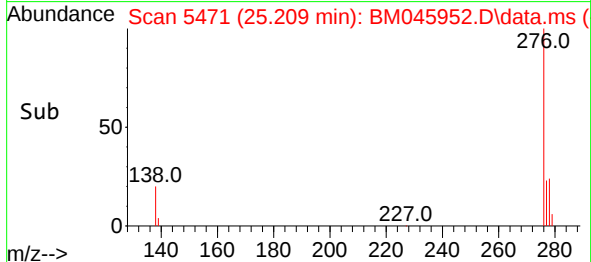
Instrument :
BNA_M
ClientSampleId :
A4BH7



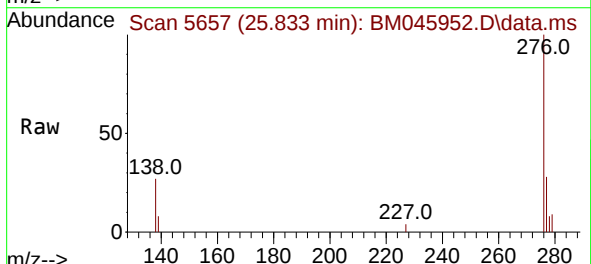
Tgt Ion: 278 Resp: 45639
Ion Ratio Lower Upper
278 100
139 20.7 16.6 25.0
279 29.8 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.507 ng/ul
RT: 25.833 min Scan# 5657
Delta R.T. -0.030 min
Lab File: BM045952.D
Acq: 10 Jun 2024 15:56



Tgt Ion: 276 Resp: 26001
Ion Ratio Lower Upper
276 100
138 27.4 21.0 31.4
277 28.4 20.5 30.7

