

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045964.D
 Acq On : 10 Jun 2024 23:11
 Operator : MA/JU
 Sample : P2642-14DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 23:44:57 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	7.459	152	4232	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	13202	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7625	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.846	188	15200	0.400	ng/ul	-0.02
17) Chrysene-d12	21.038	240	13051	0.400	ng/ul	-0.02
23) Perylene-d12	23.142	264	14391m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	3963	0.822	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.860	152	926	0.049	ng/ul	0.01
18) Fluoranthene-d10	18.877	212	2237	0.057	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.288	128	1195	0.035	ng/ul#	78
10) Acenaphthylene	13.822	152	3273	0.094	ng/ul	94
11) Acenaphthene	14.169	153	2483	0.097	ng/ul	98
12) Fluorene	15.164	166	2911	0.102	ng/ul#	97
15) Phenanthrene	16.888	178	66009	1.547	ng/ul	99
16) Anthracene	16.981	178	11768m	0.323	ng/ul	
19) Fluoranthene	18.905	202	145101	2.788	ng/ul	99
20) Pyrene	19.272	202	114655	2.112	ng/ul	95
21) Benzo(a)anthracene	21.023	228	59419	1.240	ng/ul	98
22) Chrysene	21.073	228	68154	1.307	ng/ul	99
24) Benzo(b)fluoranthene	22.522	252	93859m	1.966	ng/ul	
25) Benzo(k)fluoranthene	22.557	252	32612m	0.622	ng/ul	
26) Benzo(a)pyrene	23.048	252	42073m	0.886	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.199	276	40885	0.666	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.202	278	10918	0.223	ng/ul	94
29) Benzo(g,h,i)perylene	25.826	276	6539	0.124	ng/ul#	87

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

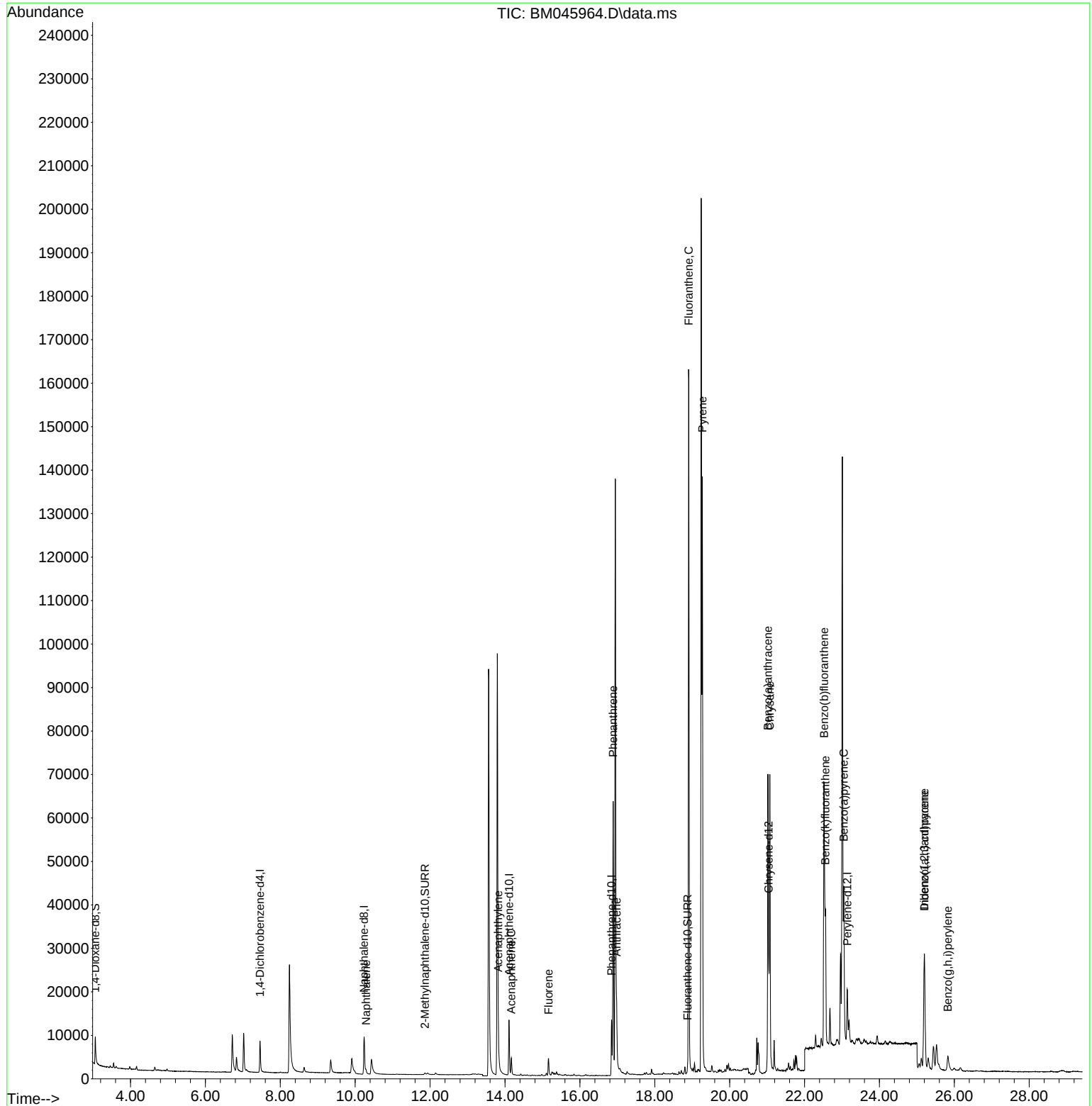
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
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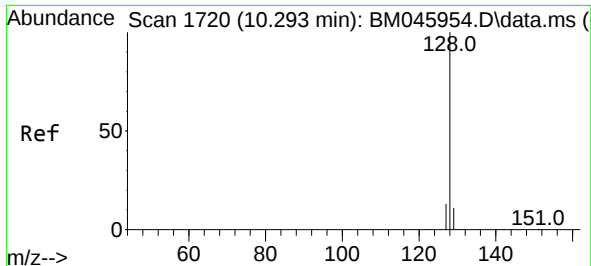
Instrument :
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Quant Time: Jun 10 23:44:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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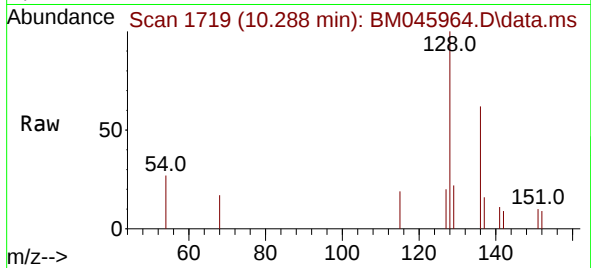
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024





#5
Naphthalene
Concen: 0.035 ng/u1
RT: 10.288 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

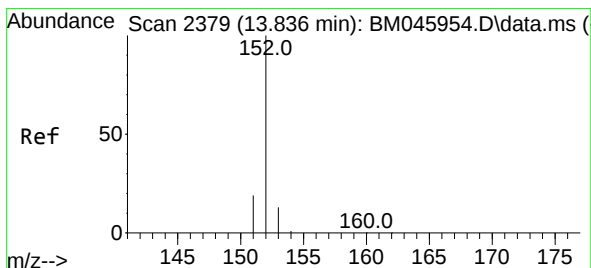
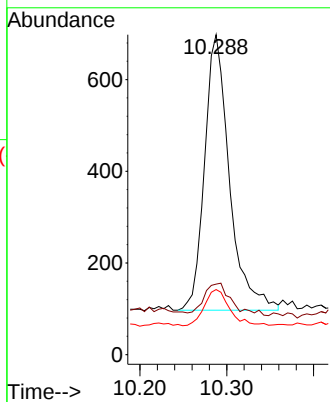
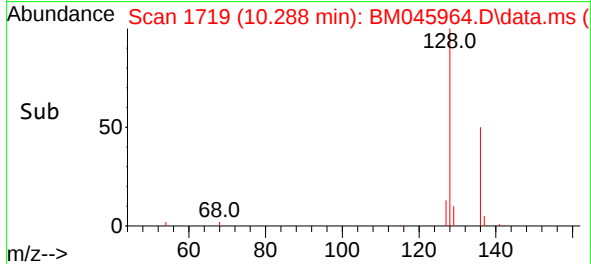
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
129 22.1 9.4 14.0
127 20.3 10.6 15.8

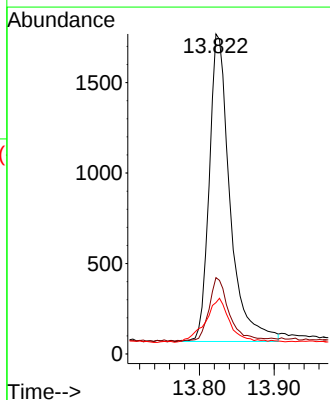
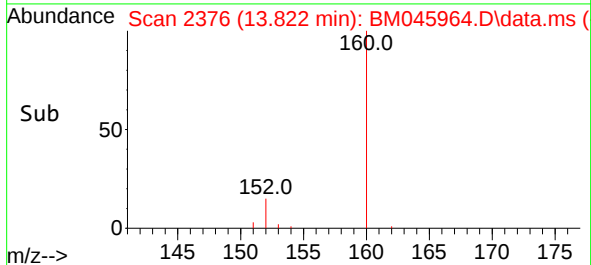
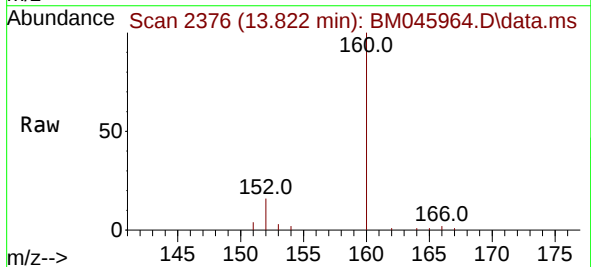
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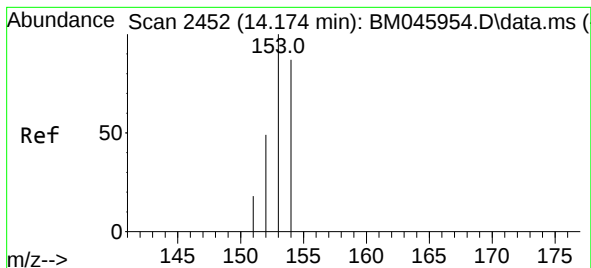
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.094 ng/u1
RT: 13.822 min Scan# 2376
Delta R.T. -0.017 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

Tgt Ion:152 Resp: 3273
Ion Ratio Lower Upper
152 100
151 23.9 16.4 24.6
153 16.1 11.1 16.7





#11

Acenaphthene

Concen: 0.097 ng/u1

RT: 14.169 min Scan# 2451

Delta R.T. -0.013 min

Lab File: BM045964.D

Acq: 10 Jun 2024 23:11

Instrument :

BNA_M

ClientSampleId :

A4BH7DL

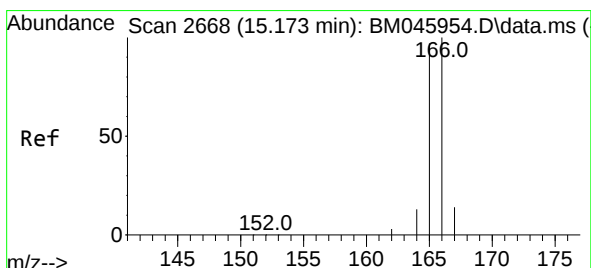
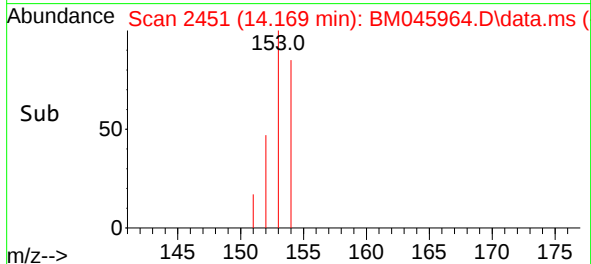
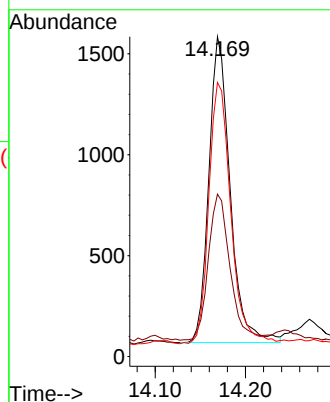
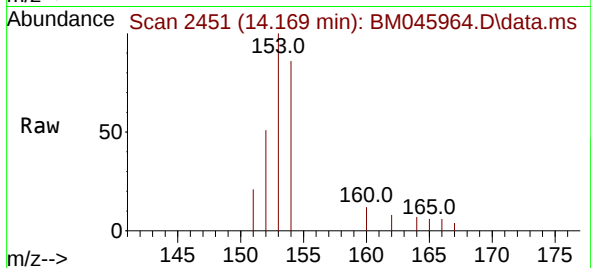
Tgt Ion:153 Resp: 248

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.0	58.4
154	85.7	69.4	104.2

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#12

Fluorene

Concen: 0.102 ng/u1

RT: 15.164 min Scan# 2666

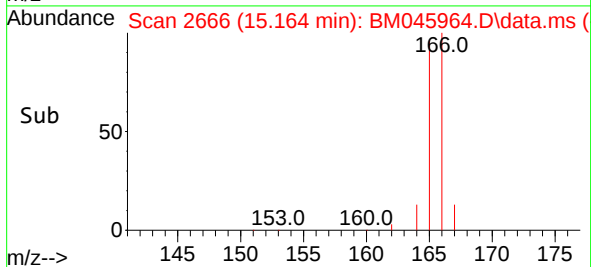
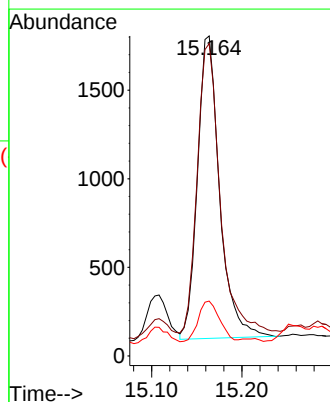
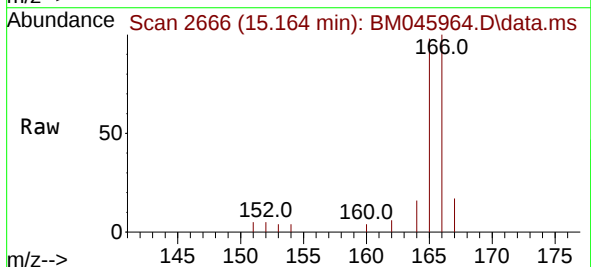
Delta R.T. -0.013 min

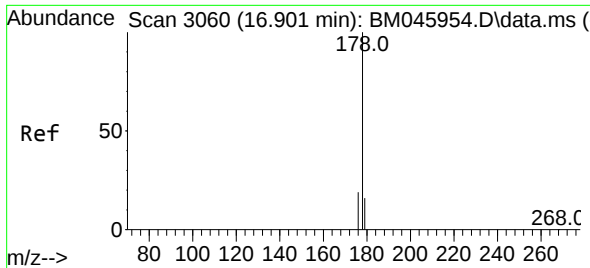
Lab File: BM045964.D

Acq: 10 Jun 2024 23:11

Tgt Ion:166 Resp: 2911

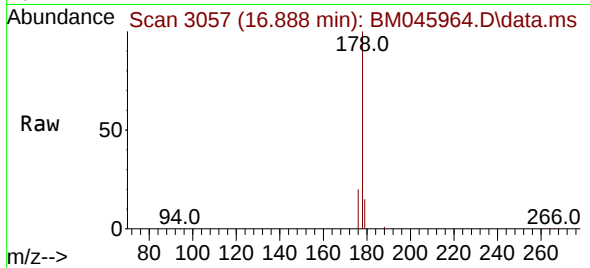
Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.7	119.5
167	17.2	11.3	16.9





#15
Phenanthrene
Concen: 1.547 ng/ul
RT: 16.888 min Scan# 3060
Delta R.T. -0.016 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

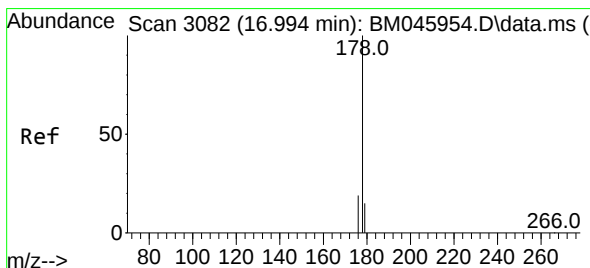
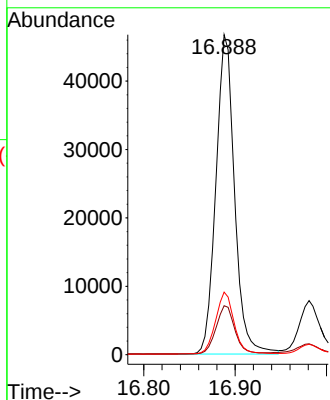
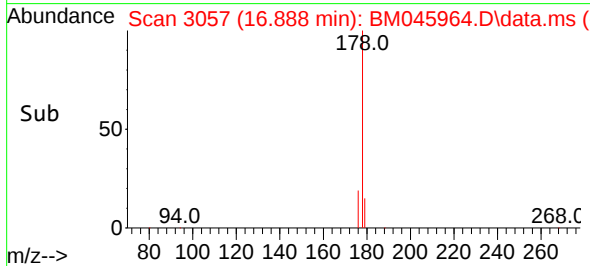
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



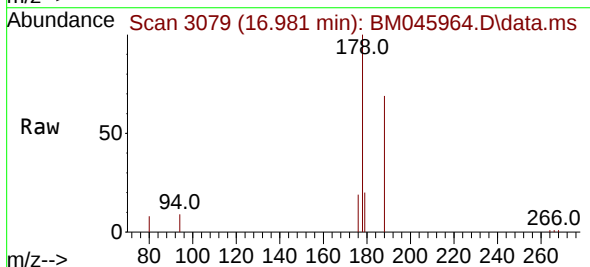
Tgt Ion:178 Resp: 66009
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.5 15.6 23.4

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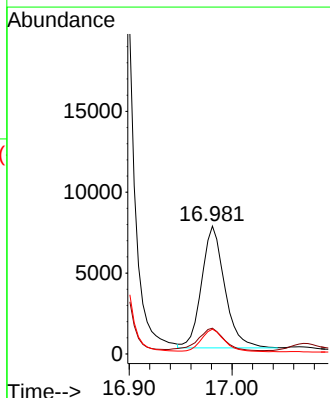
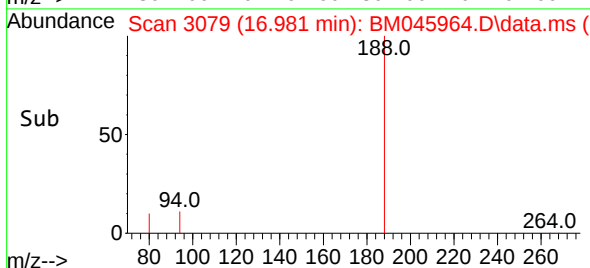
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

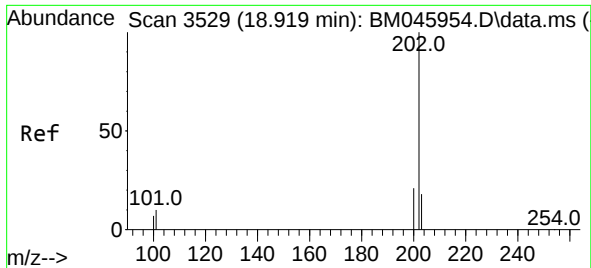


#16
Anthracene
Concen: 0.323 ng/ul m
RT: 16.981 min Scan# 3079
Delta R.T. -0.016 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11



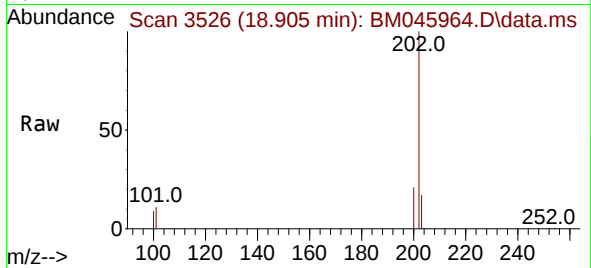
Tgt Ion:178 Resp: 11768
Ion Ratio Lower Upper
178 100
179 20.1 13.1 19.7#
176 19.4 15.5 23.3





#19
Fluoranthene
Concen: 2.788 ng/u1
RT: 18.905 min Scan# 3526
Delta R.T. -0.017 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

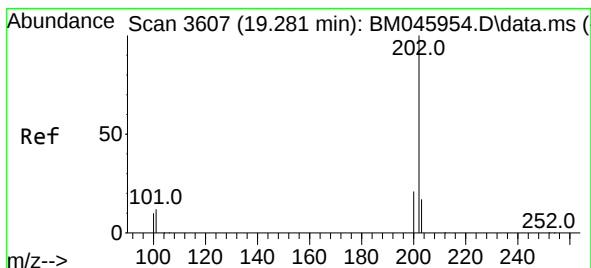
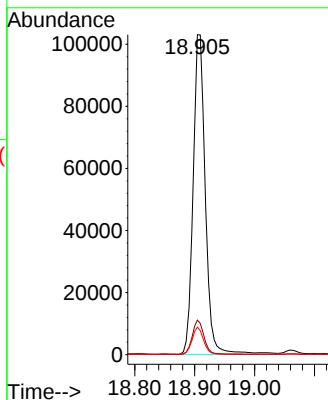
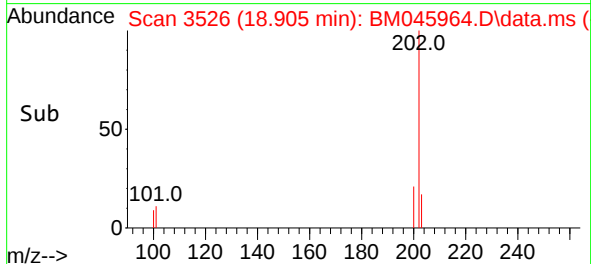
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



Tgt Ion:202 Resp: 14510
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.6
100 8.6 7.0 10.6

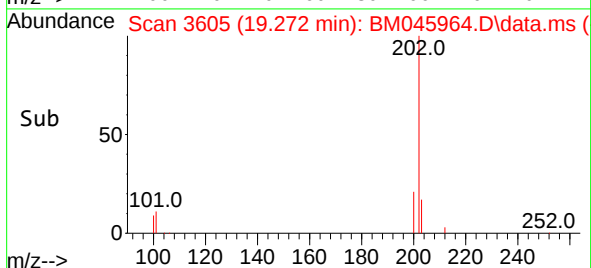
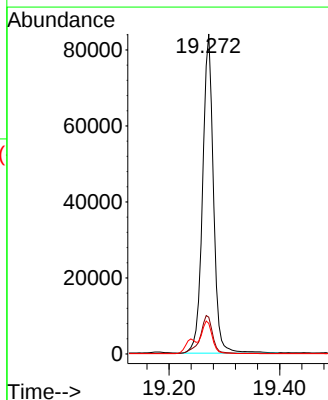
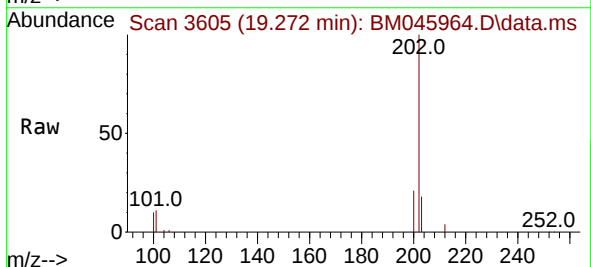
Manual Integrations
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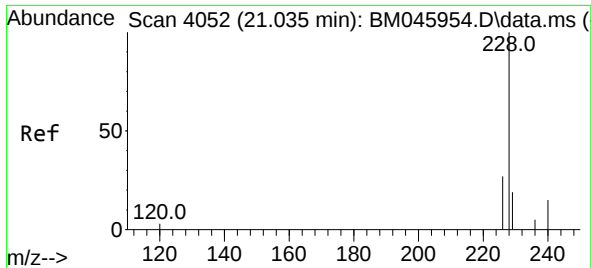
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 2.112 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

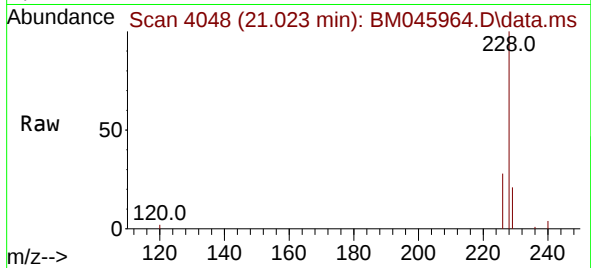
Tgt Ion:202 Resp: 114655
Ion Ratio Lower Upper
202 100
101 11.5 10.6 16.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.240 ng/ul
RT: 21.023 min Scan# 4052
Delta R.T. -0.012 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

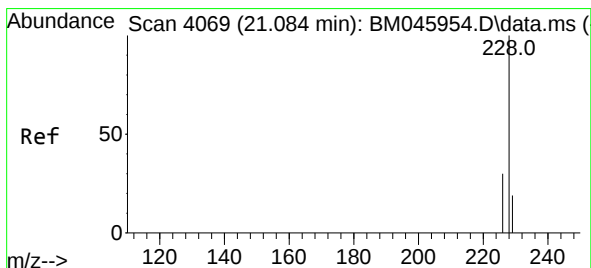
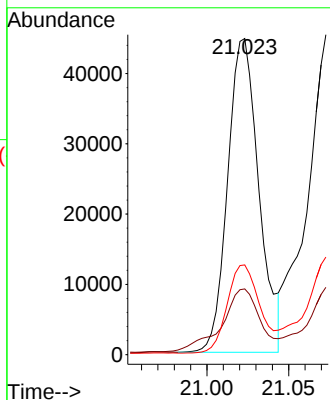
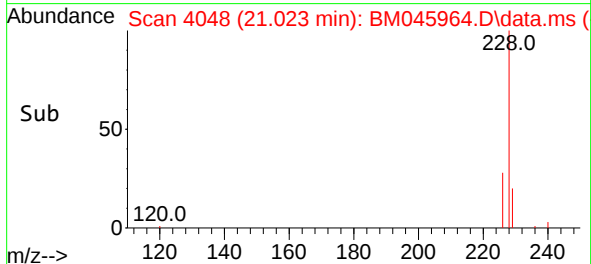
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



Tgt Ion:228 Resp: 59419
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.4 22.0 33.0

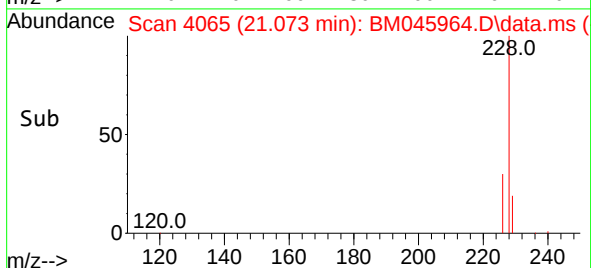
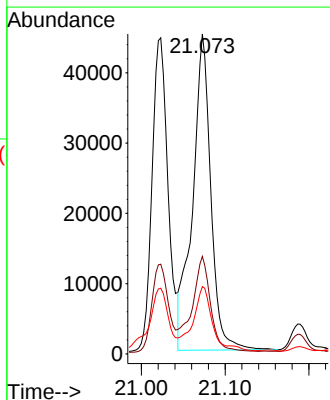
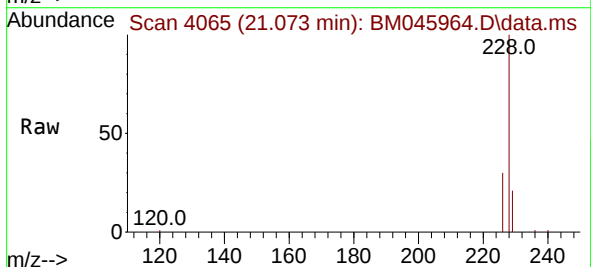
Manual Integrations
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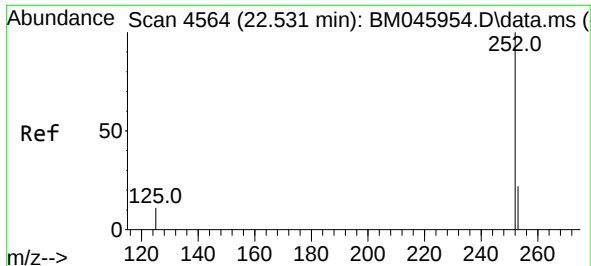
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 1.307 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.015 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

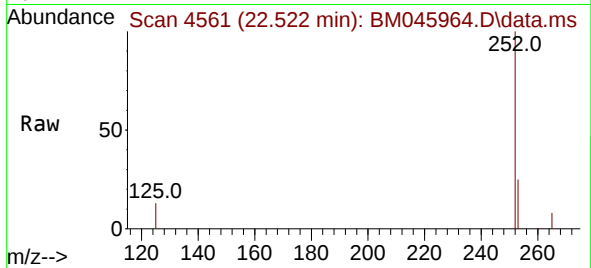
Tgt Ion:228 Resp: 68154
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.1 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.966 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.015 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

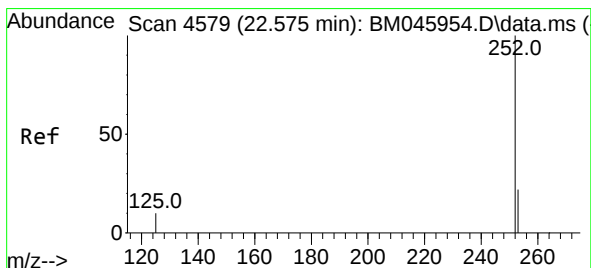
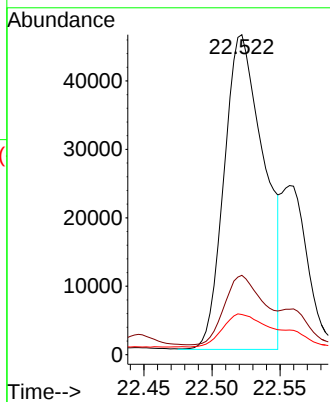
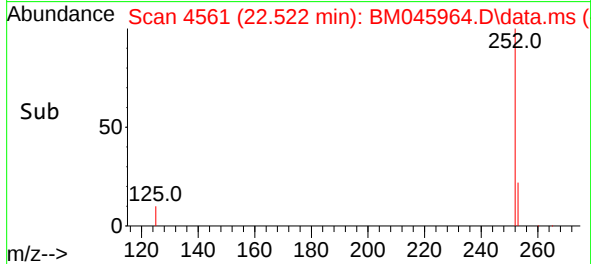
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



Tgt Ion:252 Resp: 93859
Ion Ratio Lower Upper
252 100
253 24.8 0.0 63.6
125 12.5 0.0 35.8

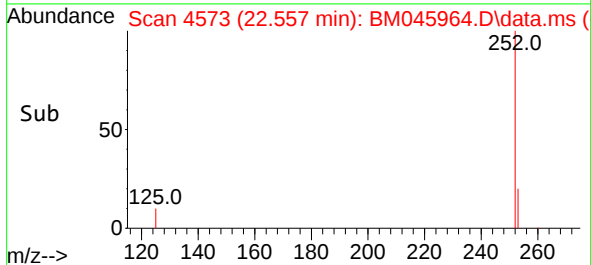
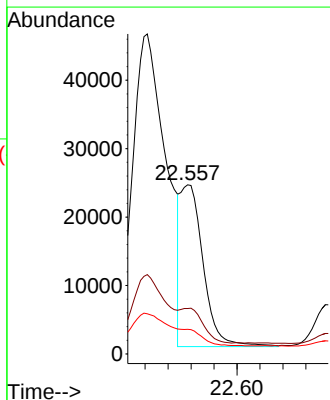
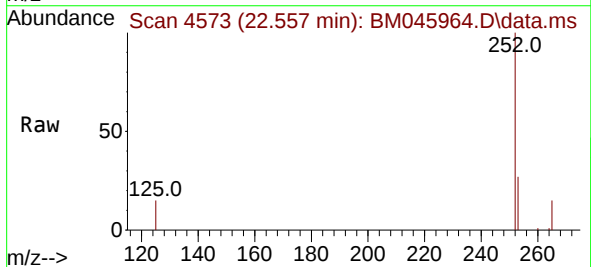
Manual Integrations
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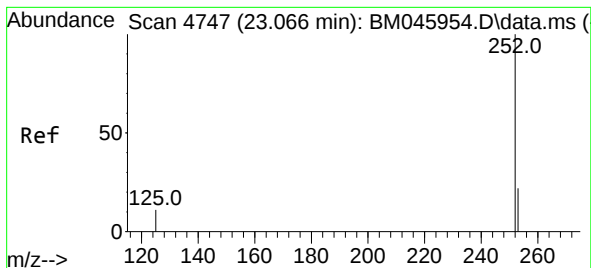
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.622 ng/ul m
RT: 22.557 min Scan# 4573
Delta R.T. -0.024 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

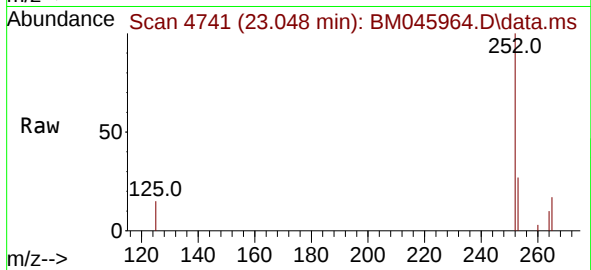
Tgt Ion:252 Resp: 32612
Ion Ratio Lower Upper
252 100
253 26.9 25.0 37.6
125 14.5 14.2 21.2





#26
Benzo(a)pyrene
Concen: 0.886 ng/ul m
RT: 23.048 min Scan# 4741
Delta R.T. -0.024 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

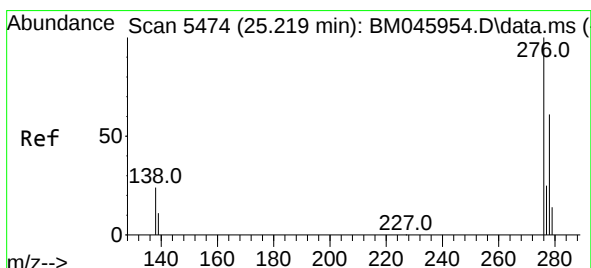
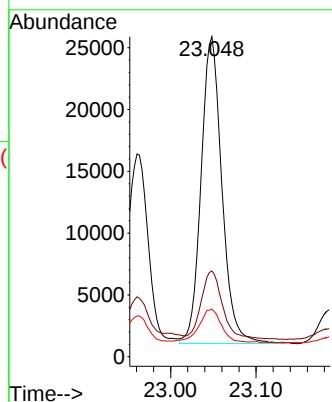
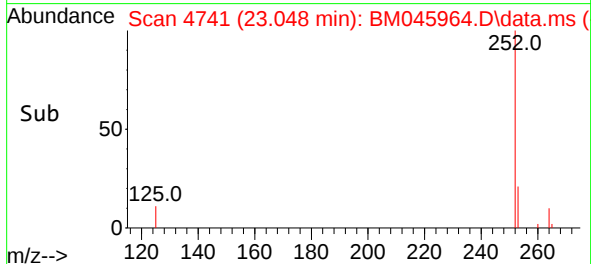
Instrument :
BNA_M
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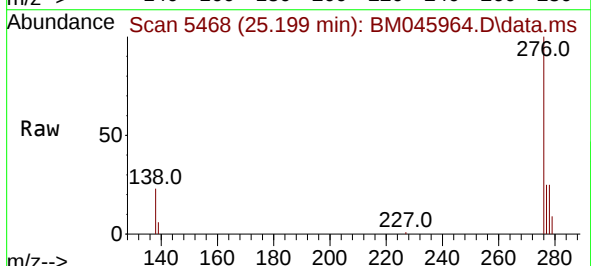
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Ion Ratio Lower Upper
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253 26.8 28.8 43.2
125 14.8 17.3 25.9

Manual Integrations
APPROVED

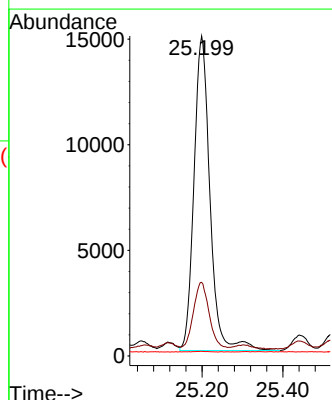
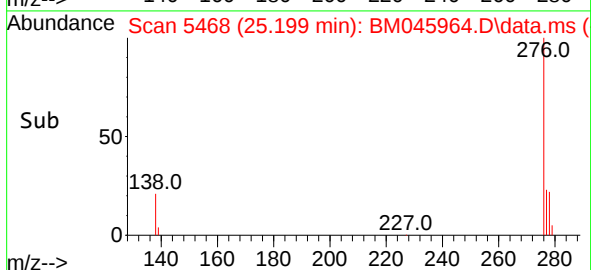
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

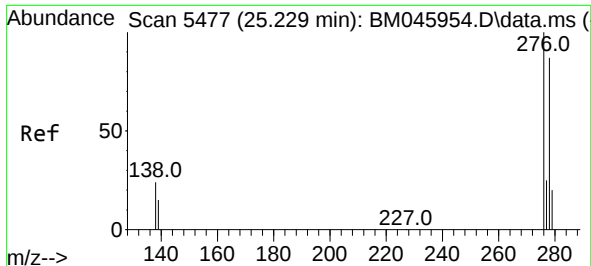


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.666 ng/ul
RT: 25.199 min Scan# 5468
Delta R.T. -0.034 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11



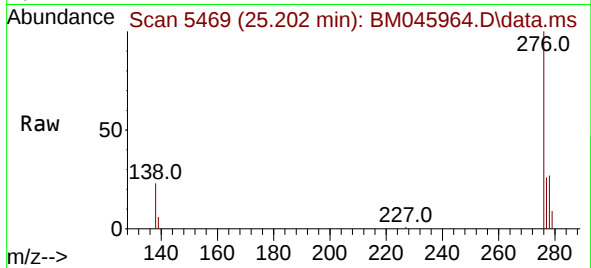
Tgt Ion:276 Resp: 40885
Ion Ratio Lower Upper
276 100
138 20.1 20.7 31.1#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.223 ng/ul
RT: 25.202 min Scan# 5469
Delta R.T. -0.047 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11

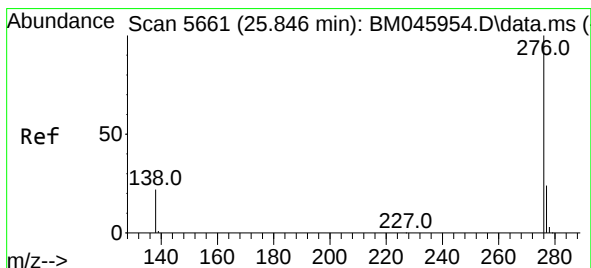
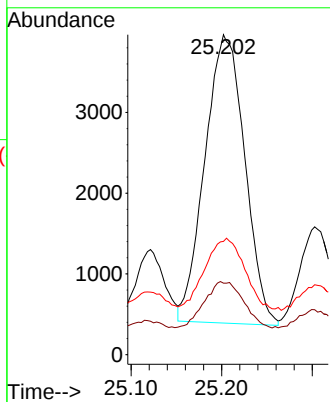
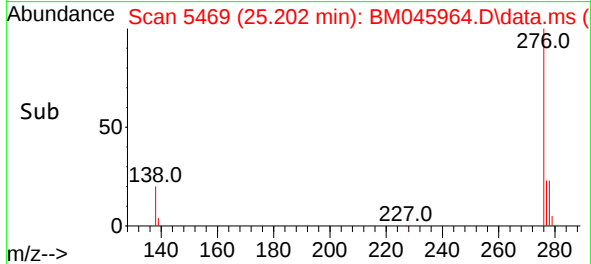
Instrument :
BNA_M
ClientSampleId :
A4BH7DL



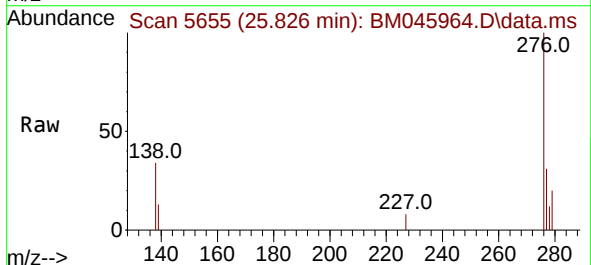
Tgt Ion: 278 Resp: 10918
Ion Ratio Lower Upper
278 100
139 22.4 16.6 25.0
279 35.4 24.6 37.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 25.826 min Scan# 5655
Delta R.T. -0.037 min
Lab File: BM045964.D
Acq: 10 Jun 2024 23:11



Tgt Ion: 276 Resp: 6539
Ion Ratio Lower Upper
276 100
138 34.1 21.0 31.4#
277 31.1 20.5 30.7#

