

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045891.D
 Acq On : 07 Jun 2024 21:43
 Operator : MA/JU
 Sample : P2586-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C31

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:02:08 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	7.468	152	6732	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	22787	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.114	164	11609	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	23202m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.047	240	16858m	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	17389m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	21827	2.847	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.833	152	6176	0.188	ng/ul	-0.02
18) Fluoranthene-d10	18.886	212	10583	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.130	142	906	0.022	ng/ul	99
10) Acenaphthylene	13.831	152	2215	0.042	ng/ul#	85
11) Acenaphthene	14.178	153	3675	0.095	ng/ul	98
12) Fluorene	15.164	166	4483	0.103	ng/ul#	98
15) Phenanthrene	16.896	178	78705m	1.208	ng/ul	
16) Anthracene	16.985	178	17707m	0.319	ng/ul	
19) Fluoranthene	18.914	202	125769	1.871	ng/ul	100
20) Pyrene	19.281	202	102095	1.456	ng/ul	96
21) Benzo(a)anthracene	21.032	228	51817	0.837	ng/ul	98
22) Chrysene	21.082	228	49074	0.728	ng/ul	98
24) Benzo(b)fluoranthene	22.534	252	61134m	1.060	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	20119m	0.317	ng/ul	
26) Benzo(a)pyrene	23.063	252	39475	0.688	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.222	276	28173	0.380	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.225	278	6796	0.115	ng/ul#	42
29) Benzo(g,h,i)perylene	25.853	276	28499	0.446	ng/ul	99

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

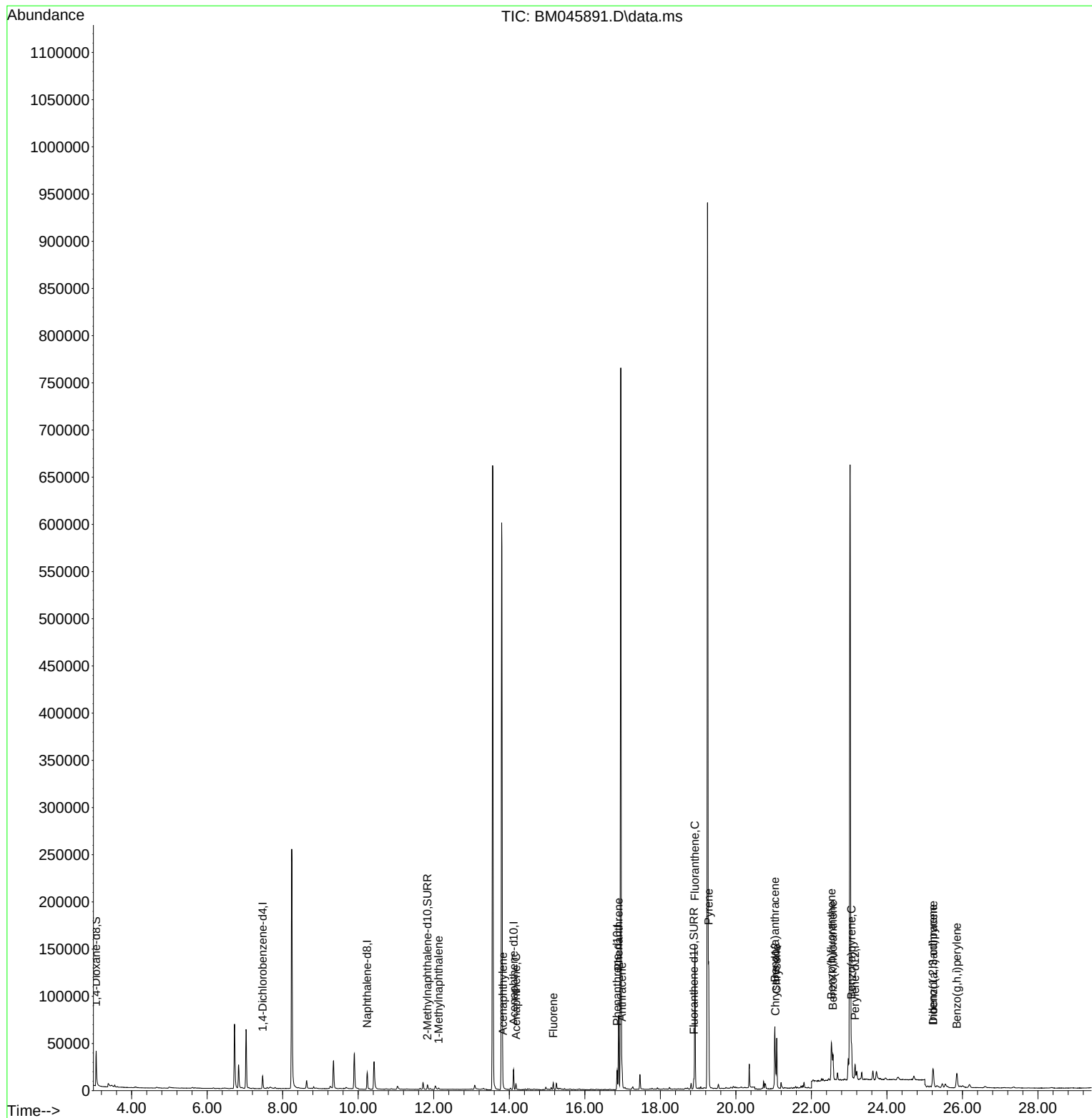
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045891.D
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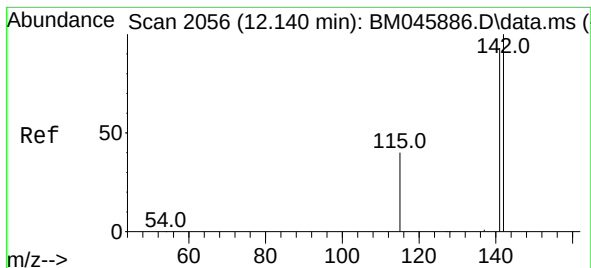
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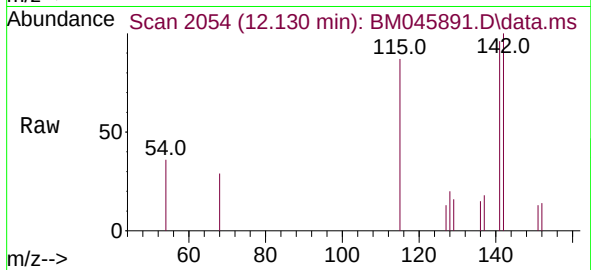
Quant Time: Jun 07 23:02:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.130 min Scan# 2054
Delta R.T. -0.015 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

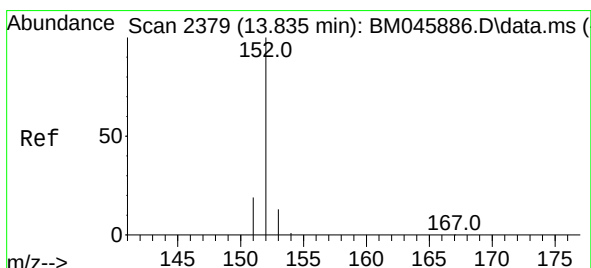
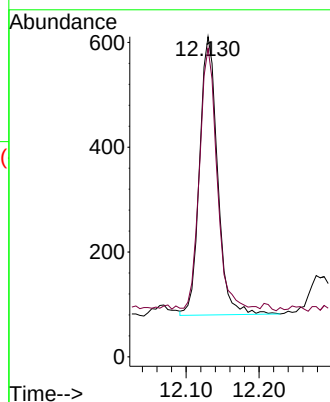
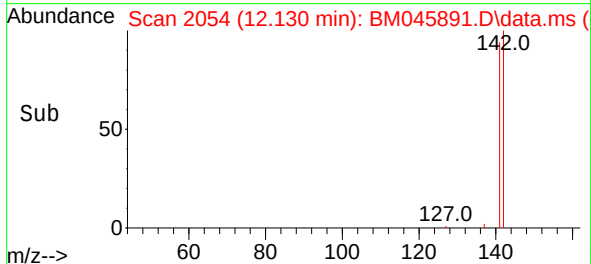
Instrument :
BNA_M
ClientSampleId :
A4C31



Tgt Ion:142 Resp: 900
Ion Ratio Lower Upper
142 100
141 90.6 73.5 110.3

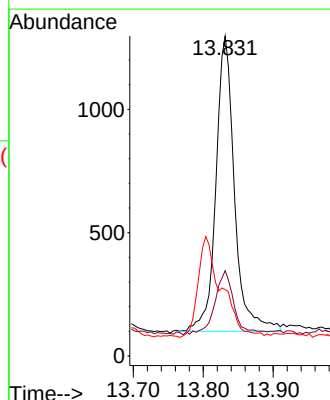
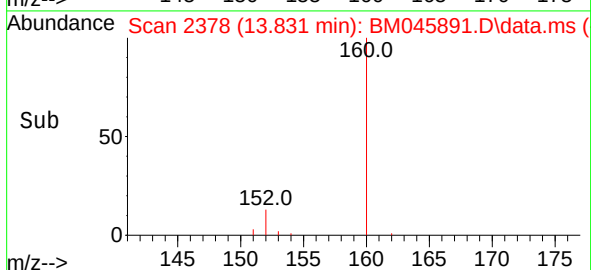
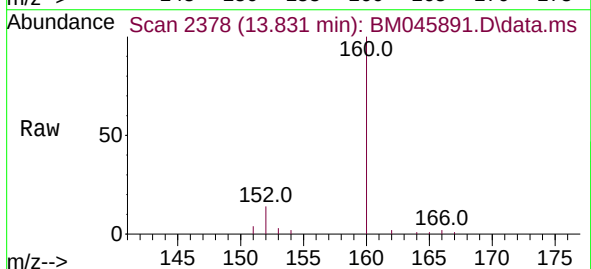
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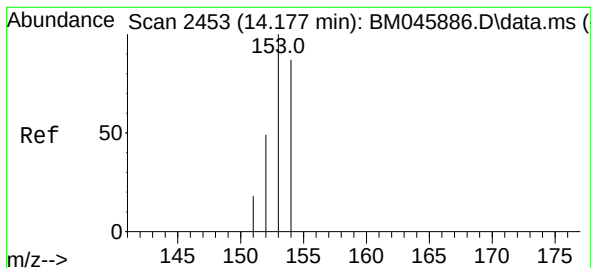
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. -0.008 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:152 Resp: 2215
Ion Ratio Lower Upper
152 100
151 26.7 16.4 24.6#
153 20.7 11.1 16.7#





#11

Acenaphthene

Concen: 0.095 ng/ul

RT: 14.178 min Scan# 2453

Delta R.T. -0.003 min

Lab File: BM045891.D

Acq: 07 Jun 2024 21:43

Instrument :

BNA_M

ClientSampleId :

A4C31

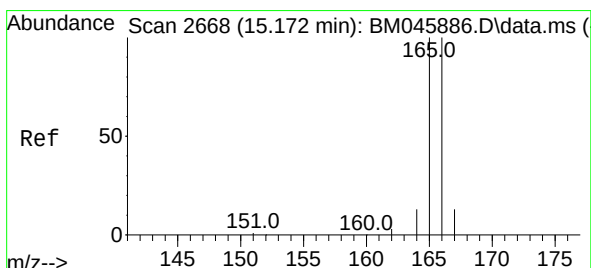
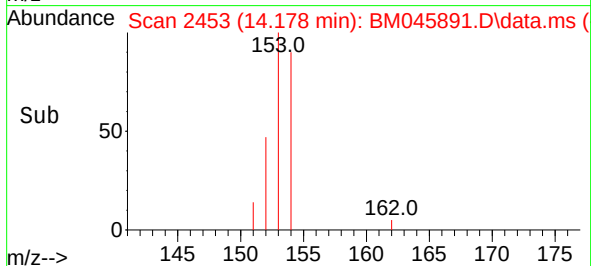
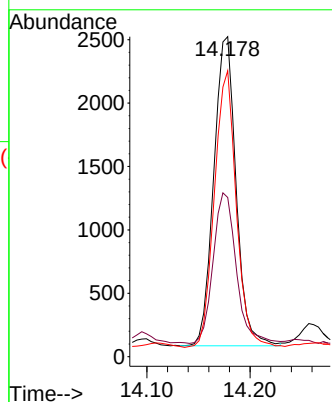
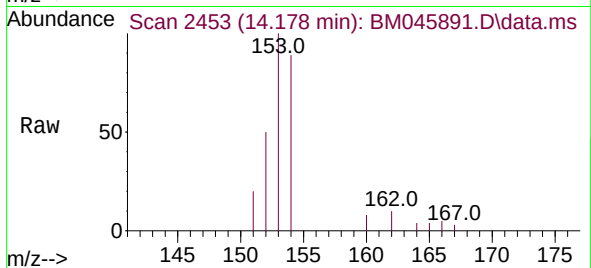
Tgt Ion:153	Resp:	3679
Ion Ratio	Lower	Upper
153	100	
152	49.8	39.0 58.4
154	89.3	69.4 104.2

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#12

Fluorene

Concen: 0.103 ng/ul

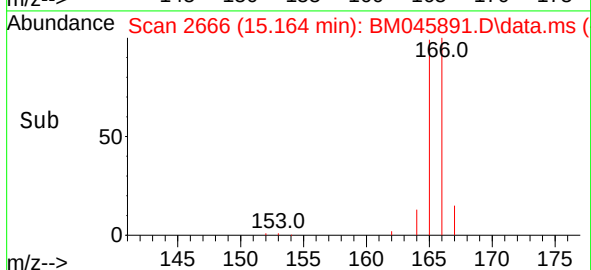
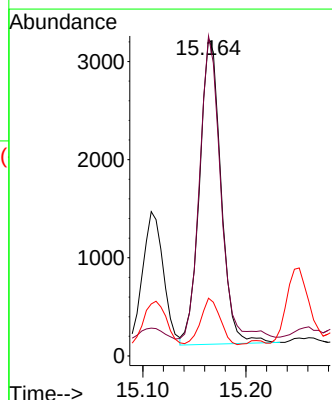
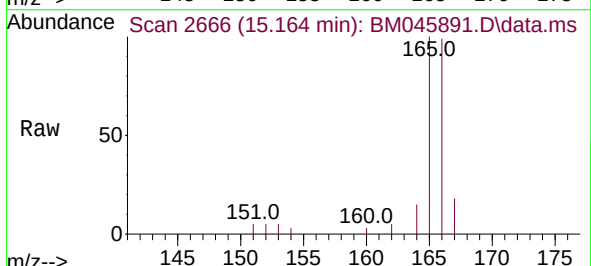
RT: 15.164 min Scan# 2666

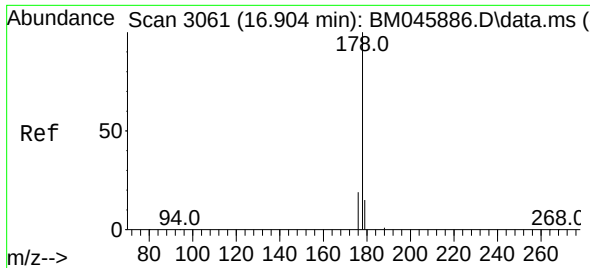
Delta R.T. -0.013 min

Lab File: BM045891.D

Acq: 07 Jun 2024 21:43

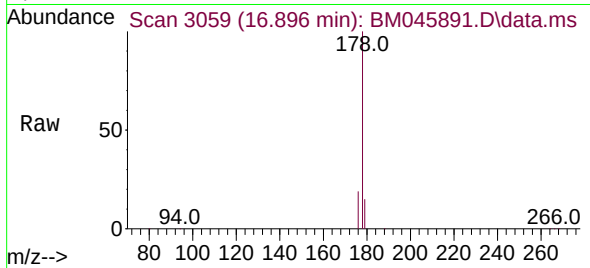
Tgt Ion:166	Resp:	4483
Ion Ratio	Lower	Upper
166	100	
165	100.8	79.7 119.5
167	18.2	11.3 16.9#





#15
Phenanthrene
Concen: 1.208 ng/ul m
RT: 16.896 min Scan# 3059
Delta R.T. -0.007 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

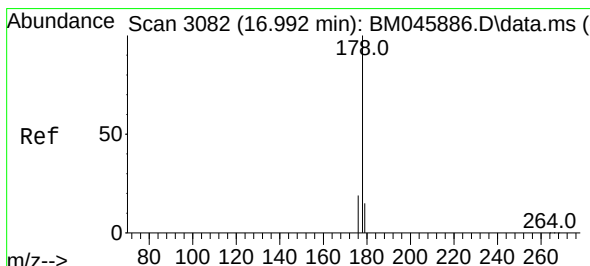
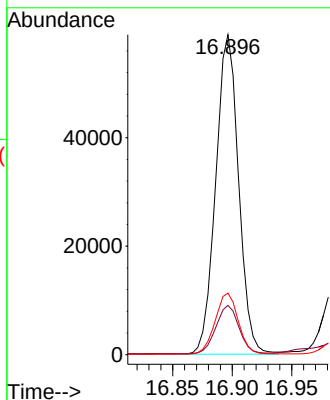
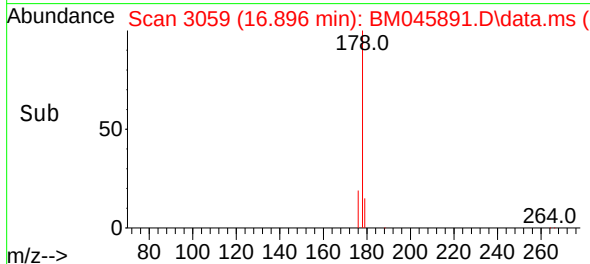
Instrument :
BNA_M
ClientSampleId :
A4C31



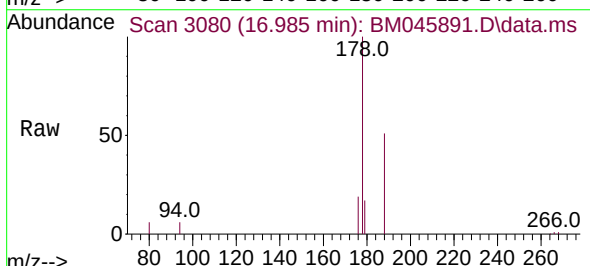
Tgt Ion:178 Resp: 78709
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.6 23.4

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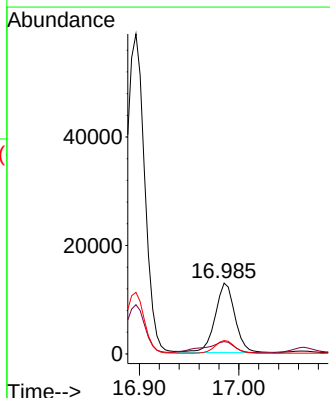
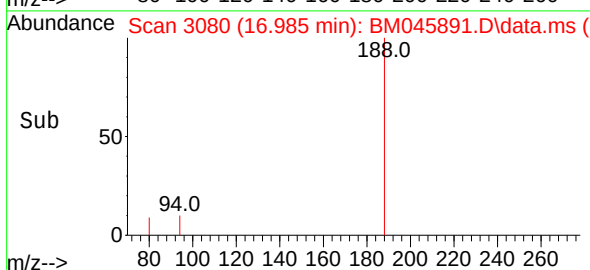
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

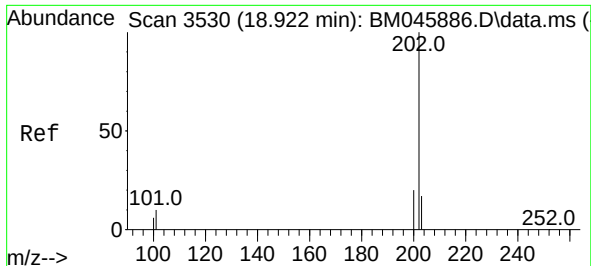


#16
Anthracene
Concen: 0.319 ng/ul m
RT: 16.985 min Scan# 3080
Delta R.T. -0.011 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43



Tgt Ion:178 Resp: 17707
Ion Ratio Lower Upper
178 100
179 17.4 13.1 19.7
176 19.0 15.5 23.3





#19

Fluoranthene

Concen: 1.871 ng/ul

RT: 18.914 min Scan# 3528

Delta R.T. -0.008 min

Lab File: BM045891.D

Acq: 07 Jun 2024 21:43

Instrument :

BNA_M

ClientSampleId :

A4C31

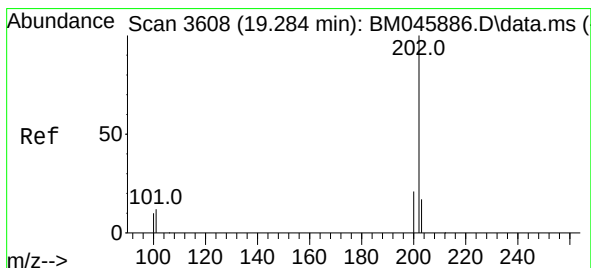
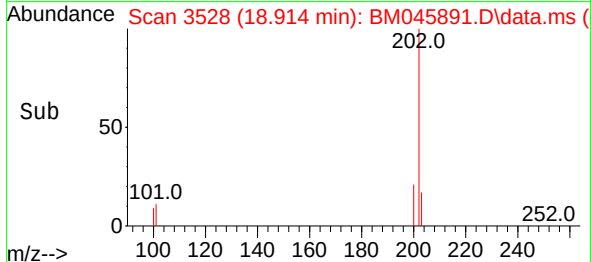
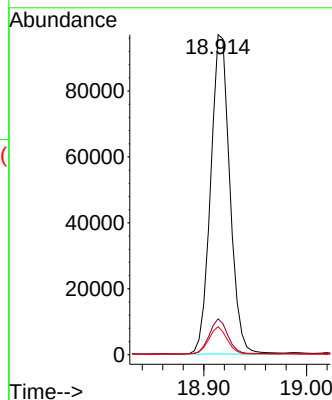
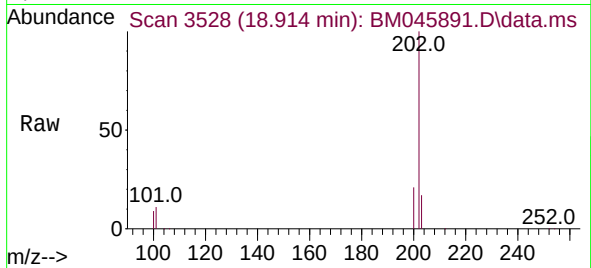
Tgt Ion:	202	Resp:	125769
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.0	13.6
100	8.7	7.0	10.6

Manual Integrations

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#20

Pyrene

Concen: 1.456 ng/ul

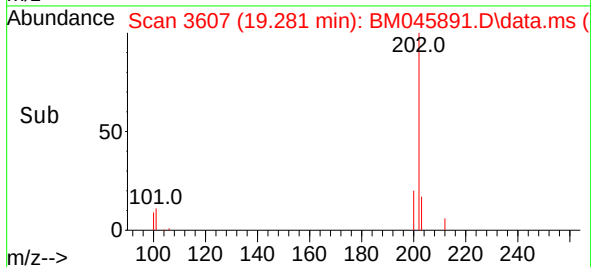
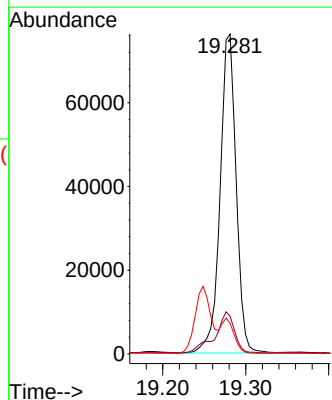
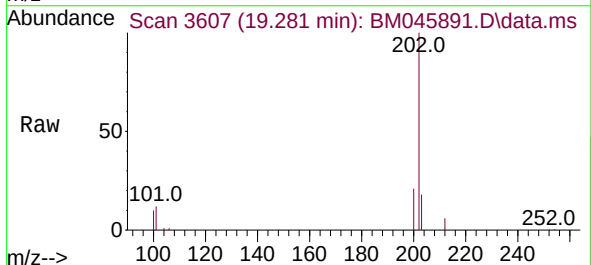
RT: 19.281 min Scan# 3607

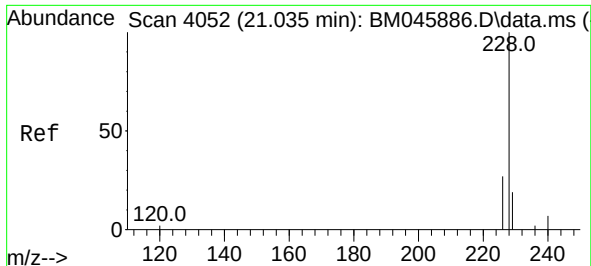
Delta R.T. -0.003 min

Lab File: BM045891.D

Acq: 07 Jun 2024 21:43

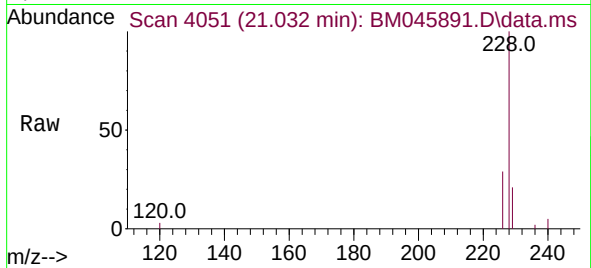
Tgt Ion:	202	Resp:	102095
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.6	16.0
100	9.6	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.837 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

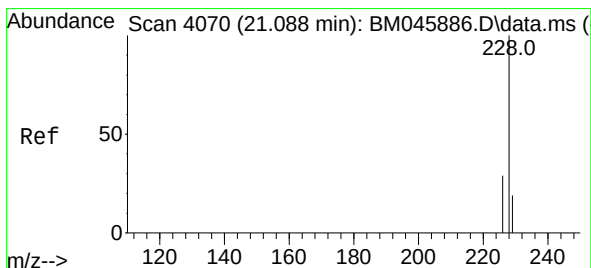
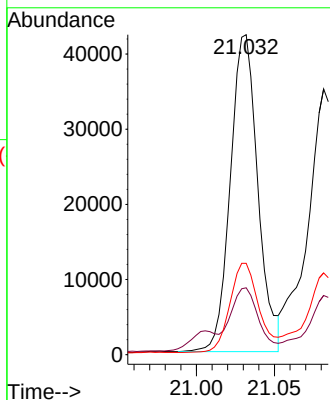
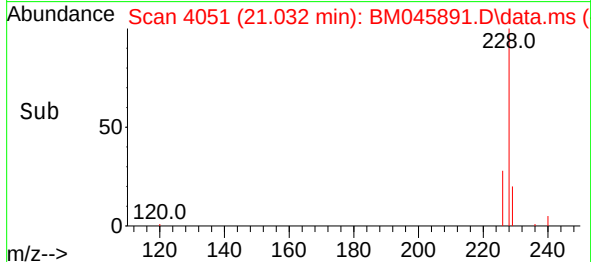
Instrument :
BNA_M
ClientSampleId :
A4C31



Tgt Ion:228 Resp: 5181
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.5 22.0 33.0

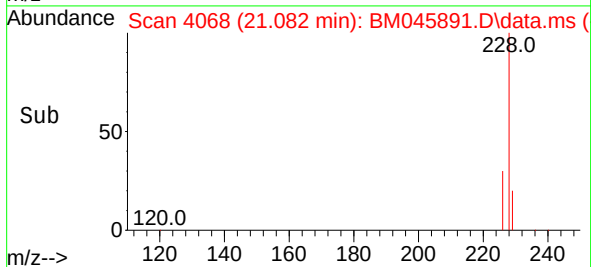
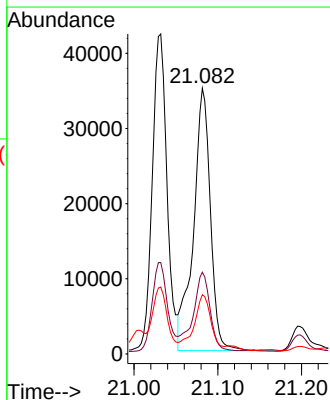
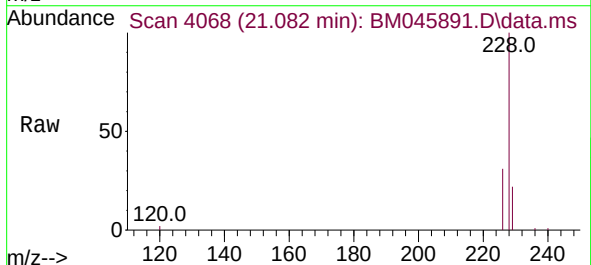
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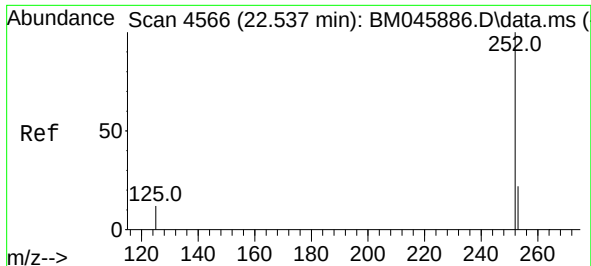
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.728 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

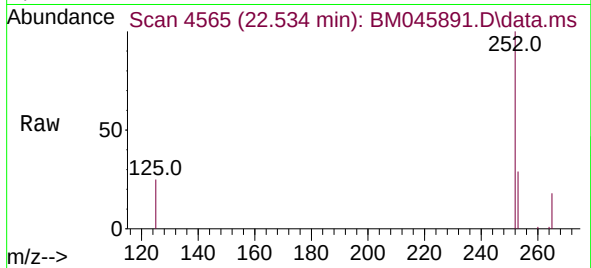
Tgt Ion:228 Resp: 49074
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 22.3 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.060 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

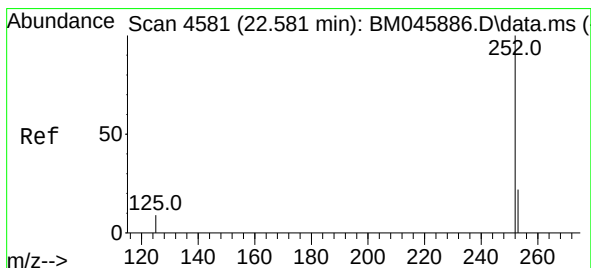
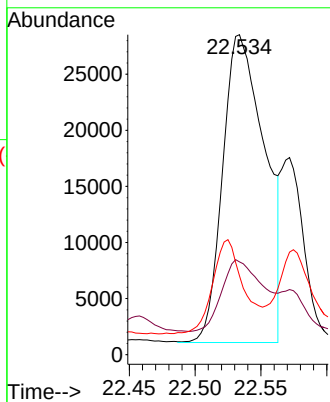
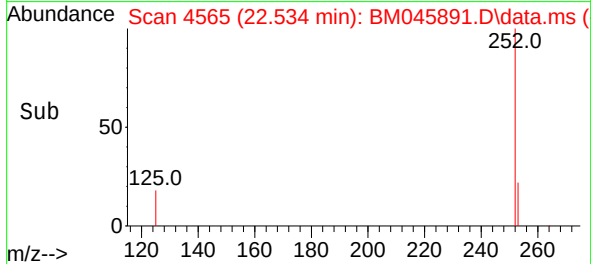
Instrument :
BNA_M
ClientSampleId :
A4C31



Tgt Ion:252 Resp: 6113
Ion Ratio Lower Upper
252 100
253 29.0 0.0 63.6
125 24.7 0.0 35.8

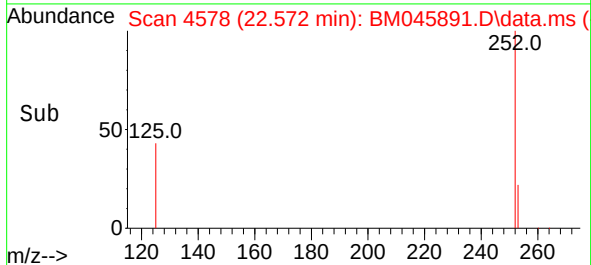
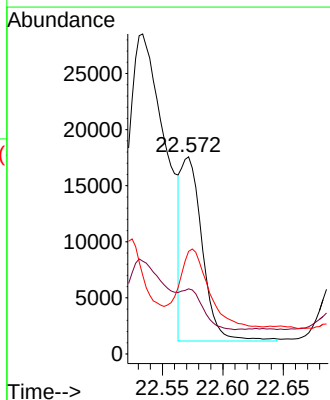
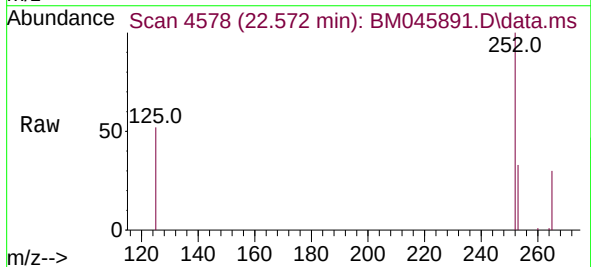
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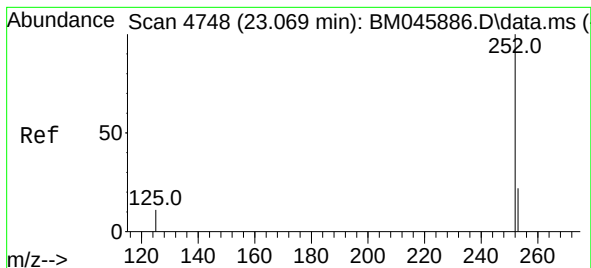
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul m
RT: 22.572 min Scan# 4578
Delta R.T. -0.009 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

Tgt Ion:252 Resp: 20119
Ion Ratio Lower Upper
252 100
253 33.0 25.0 37.6
125 52.0 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.688 ng/ul

RT: 23.063 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM045891.D

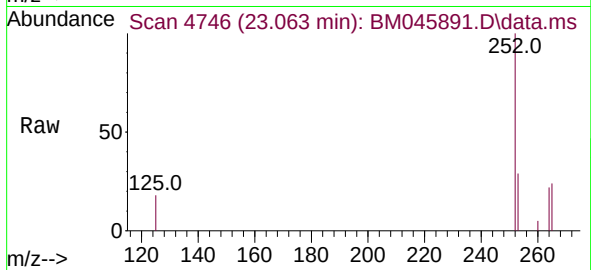
Acq: 07 Jun 2024 21:43

Instrument :

BNA_M

ClientSampleId :

A4C31



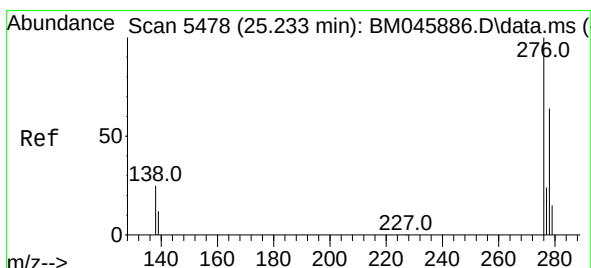
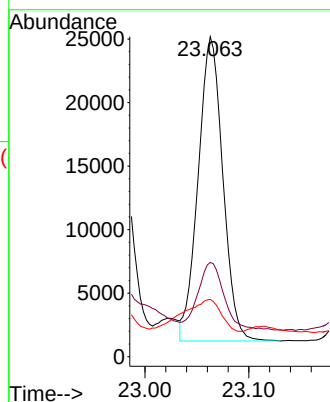
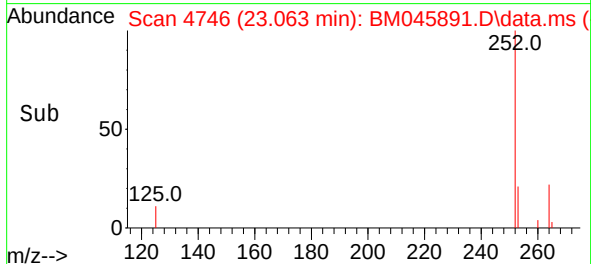
Tgt Ion:	252	Resp:	3947
Ion Ratio	Lower	Upper	
252	100		
253	29.5	28.8	43.2
125	17.9	17.3	25.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.380 ng/ul

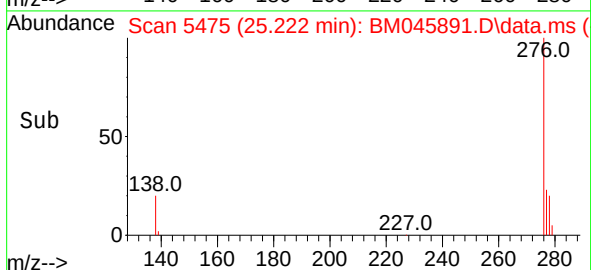
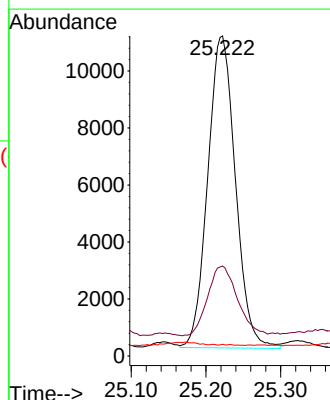
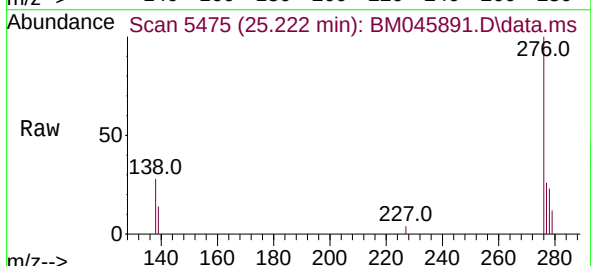
RT: 25.222 min Scan# 5475

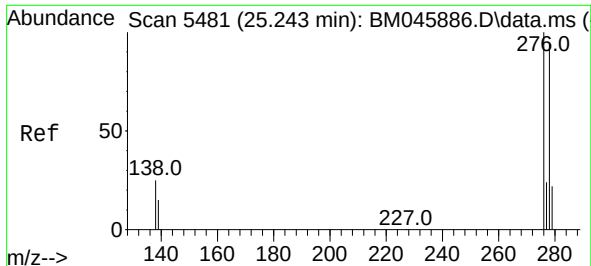
Delta R.T. -0.010 min

Lab File: BM045891.D

Acq: 07 Jun 2024 21:43

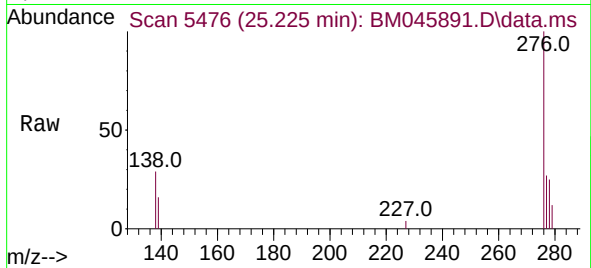
Tgt Ion:	276	Resp:	28173
Ion Ratio	Lower	Upper	
276	100		
138	24.5	20.7	31.1
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 25.225 min Scan# 5481
Delta R.T. -0.023 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43

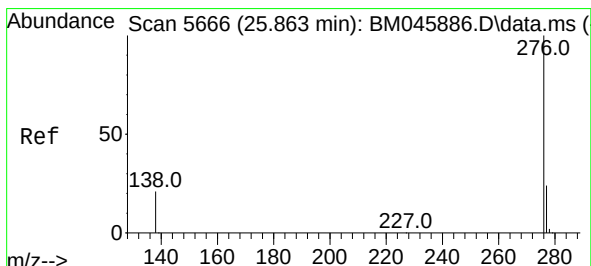
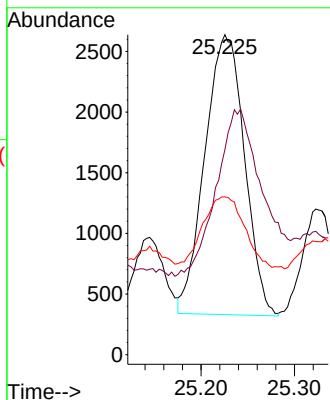
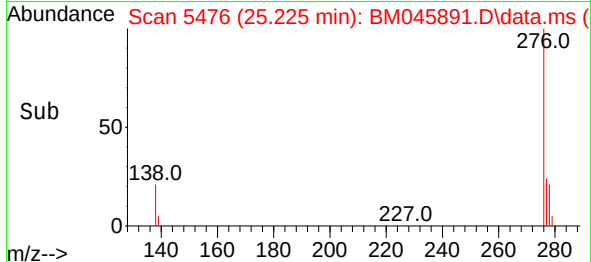
Instrument :
BNA_M
ClientSampleId :
A4C31



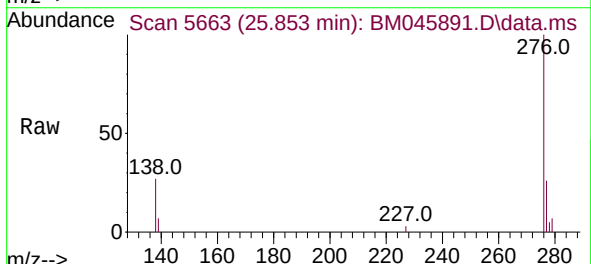
Tgt Ion:278 Resp: 6790
Ion Ratio Lower Upper
278 100
139 64.1 16.6 25.0
279 49.3 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 25.853 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BM045891.D
Acq: 07 Jun 2024 21:43



Tgt Ion:276 Resp: 28499
Ion Ratio Lower Upper
276 100
138 26.8 21.0 31.4
277 25.6 20.5 30.7

