

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045901.D
 Acq On : 08 Jun 2024 03:49
 Operator : MA/JU
 Sample : P2586-20DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C56DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 04:22:50 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							06/08/2024 Supervised By :mohammad ahmed
1) 1,4-Dichlorobenzene-d4	7.472	152	6451	0.400	ng/ul	-0.01	
4) Naphthalene-d8	10.242	136	21488	0.400	ng/ul	-0.01	
9) Acenaphthene-d10	14.117	164	11954	0.400	ng/ul	0.00	
13) Phenanthrene-d10	16.857	188	24229	0.400	ng/ul	0.00	
17) Chrysene-d12	21.047	240	19370	0.400	ng/ul	0.00	
23) Perylene-d12	23.154	264	20920m	0.400	ng/ul	-0.01	06/13/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.063	96	5660	0.770	ng/ul	-0.02	
6) 2-Methylnaphthalene-d10	11.853	152	1518	0.049	ng/ul	0.00	
18) Fluoranthene-d10	18.889	212	3024	0.052	ng/ul	0.00	
Target Compounds							Qvalue
10) Acenaphthylene	13.830	152	3170	0.058	ng/ul		94
11) Acenaphthene	14.177	153	1570	0.039	ng/ul		98
12) Fluorene	15.167	166	1997	0.045	ng/ul#		98
15) Phenanthrene	16.895	178	41436	0.609	ng/ul		100
16) Anthracene	16.988	178	9168	0.158	ng/ul		97
19) Fluoranthene	18.917	202	86116	1.115	ng/ul		98
20) Pyrene	19.280	202	73208	0.909	ng/ul		97
21) Benzo(a)anthracene	21.029	228	34250	0.482	ng/ul		97
22) Chrysene	21.082	228	37591	0.486	ng/ul		98
24) Benzo(b)fluoranthene	22.534	252	47604m	0.686	ng/ul		
25) Benzo(k)fluoranthene	22.569	252	17230m	0.226	ng/ul		
26) Benzo(a)pyrene	23.063	252	31238	0.453	ng/ul		92
27) Indeno(1,2,3-cd)pyrene	25.222	276	24904	0.279	ng/ul#		89
28) Dibenzo(a,h)anthracene	25.229	278	5421	0.076	ng/ul#		67
29) Benzo(g,h,i)perylene	25.850	276	24669	0.321	ng/ul		99

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

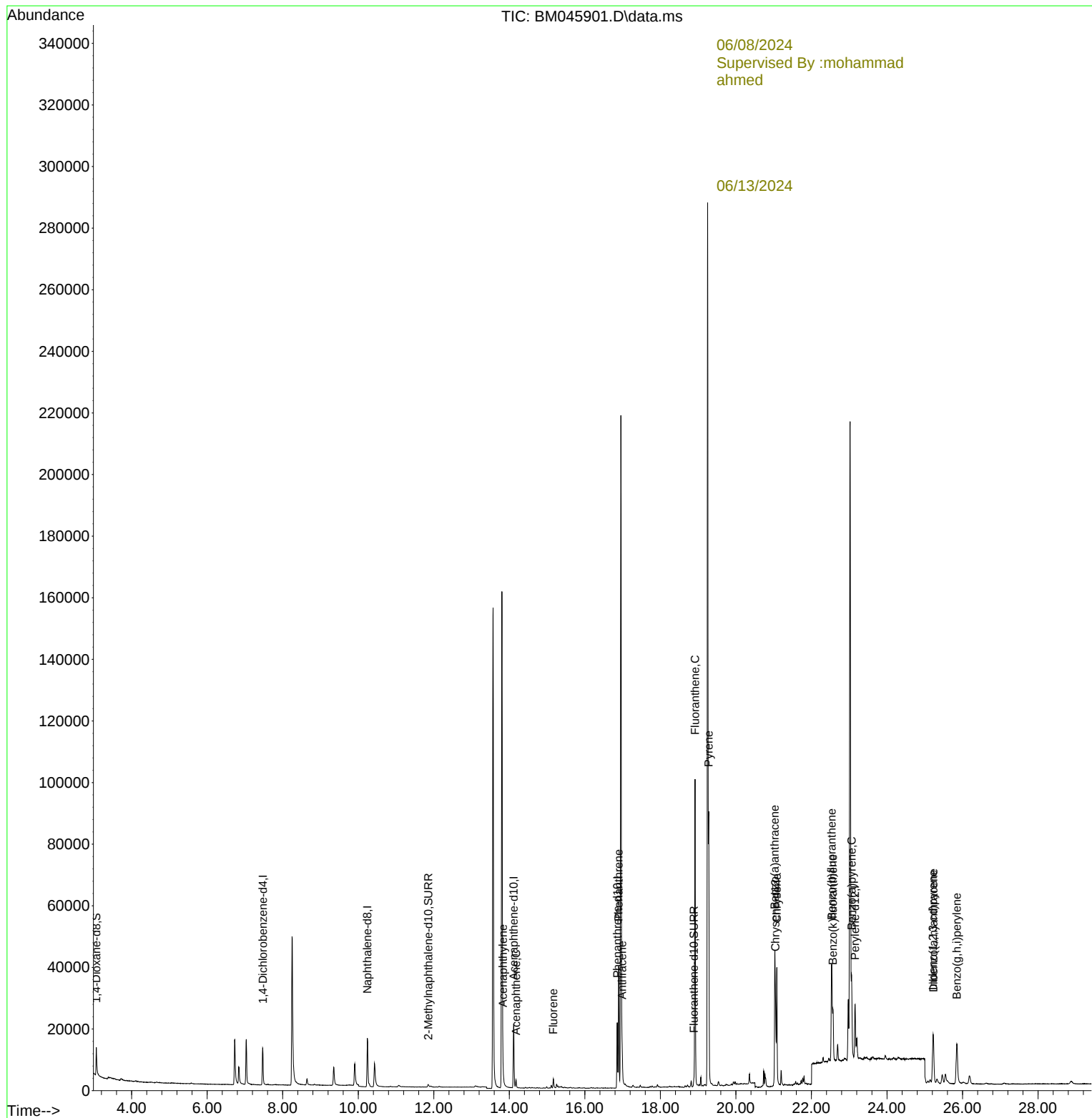
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045901.D
Acq On : 08 Jun 2024 03:49
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ALS Vial : 29 Sample Multiplier: 1

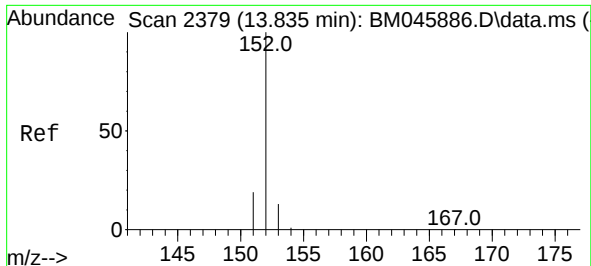
Instrument :
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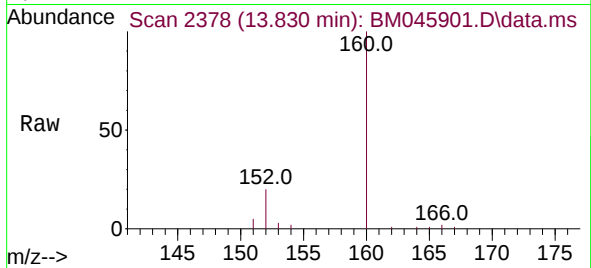
Quant Time: Jun 08 04:22:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.830 min Scan# 2379
Delta R.T. -0.009 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

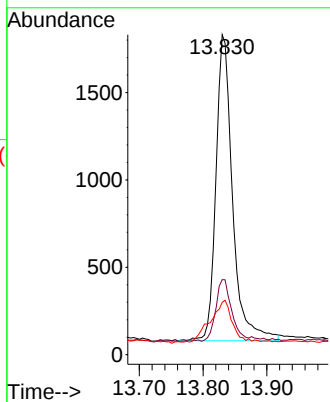
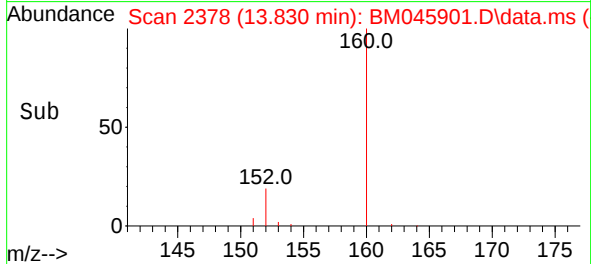
Instrument :
BNA_M
ClientSampleId :
A4C56DL



Tgt Ion:152 Resp: 3170
Ion Ratio Lower Upper
152 100
151 23.4 16.4 24.6
153 16.3 11.1 16.7

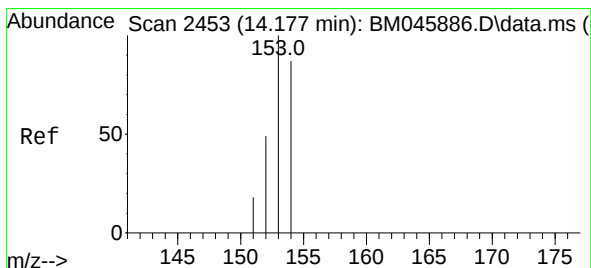
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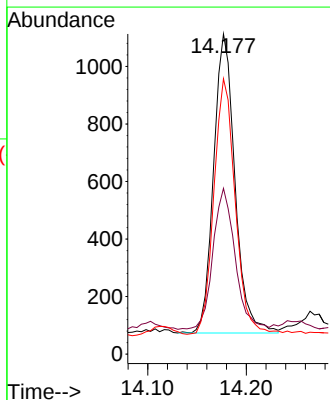
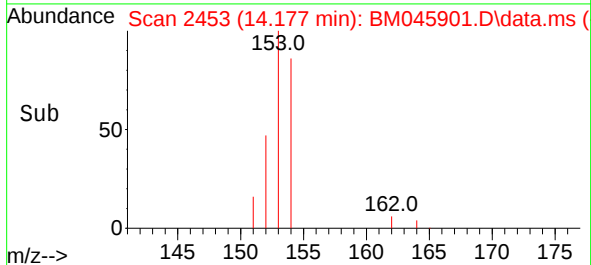
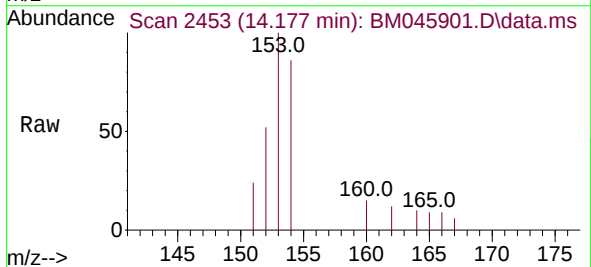
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Supervised By :mohammad
ahmed

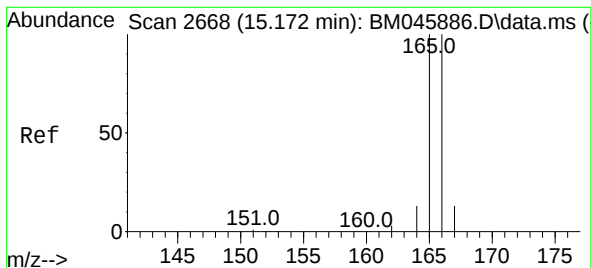
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#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

Tgt Ion:153 Resp: 1570
Ion Ratio Lower Upper
153 100
152 51.8 39.0 58.4
154 86.0 69.4 104.2





#12

Fluorene

Concen: 0.045 ng/ul

RT: 15.167 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM045901.D

Acq: 08 Jun 2024 03:49

Instrument :

BNA_M

ClientSampleId :

A4C56DL

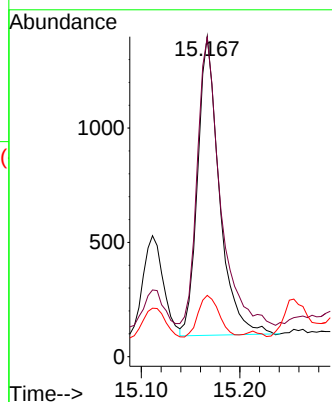
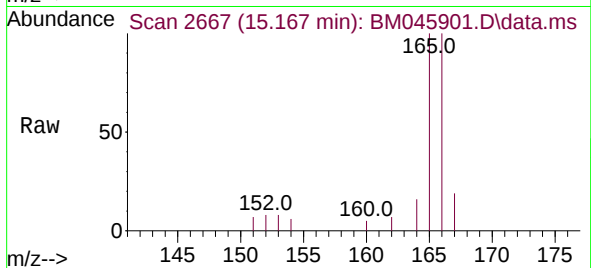
Tgt Ion:	166	Resp:	199
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.7	119.5
167	19.1	11.3	16.9

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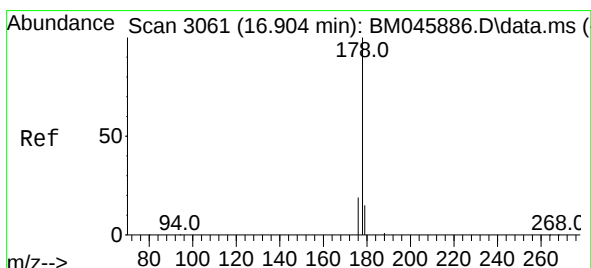
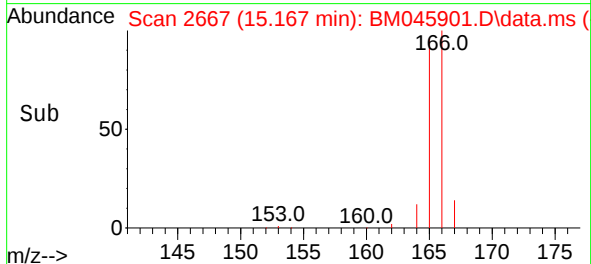
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#15

Phenanthrene

Concen: 0.609 ng/ul

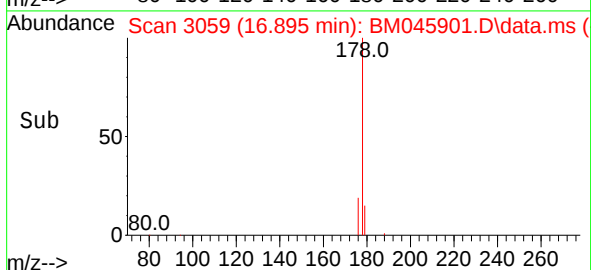
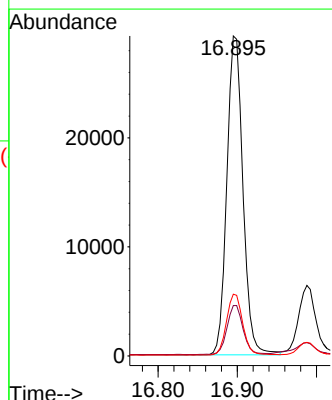
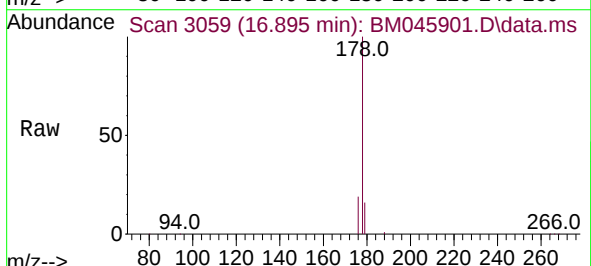
RT: 16.895 min Scan# 3059

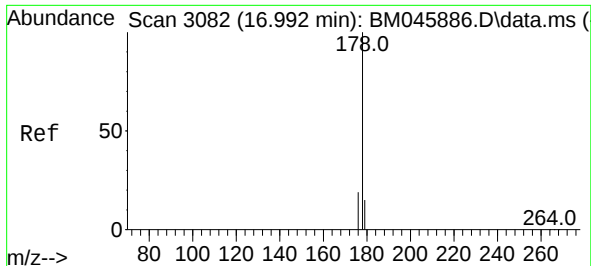
Delta R.T. -0.009 min

Lab File: BM045901.D

Acq: 08 Jun 2024 03:49

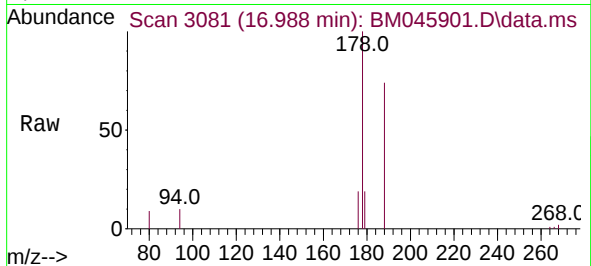
Tgt Ion:	178	Resp:	41436
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.7	19.1
176	19.3	15.6	23.4





#16
 Anthracene
 Concen: 0.158 ng/ul
 RT: 16.988 min Scan# 3082
 Delta R.T. -0.009 min
 Lab File: BM045901.D
 Acq: 08 Jun 2024 03:49

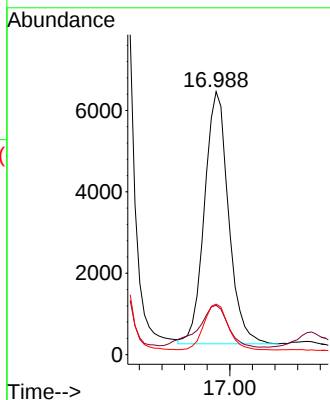
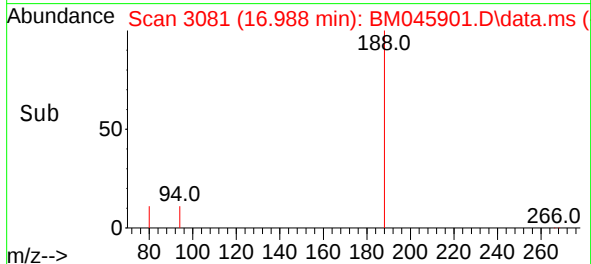
Instrument :
 BNA_M
 ClientSampleId :
 A4C56DL



Tgt Ion:178 Resp: 9168
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.1 19.7
 176 19.2 15.5 23.3

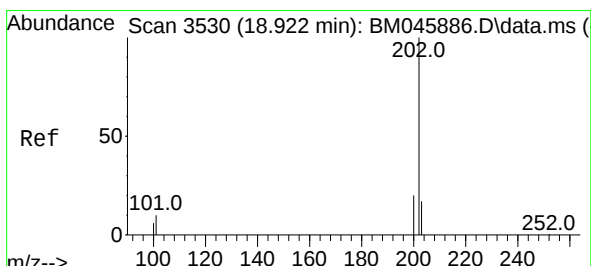
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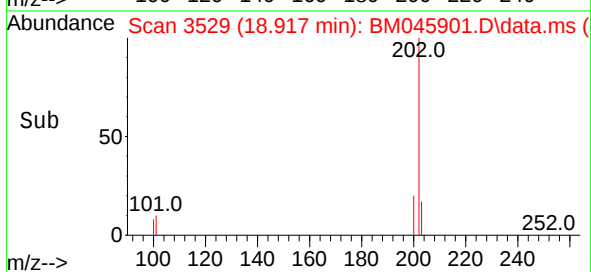
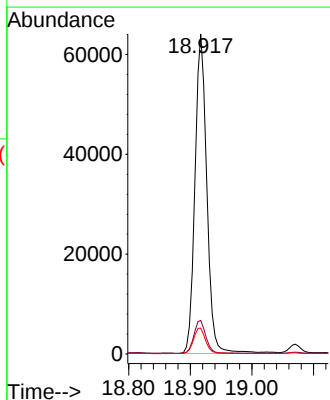
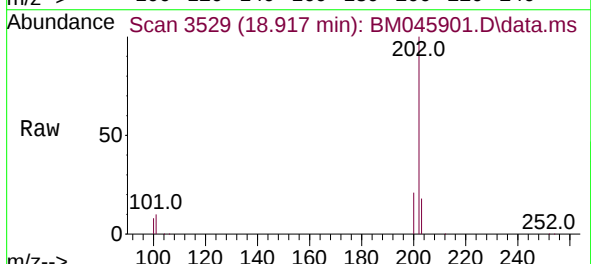
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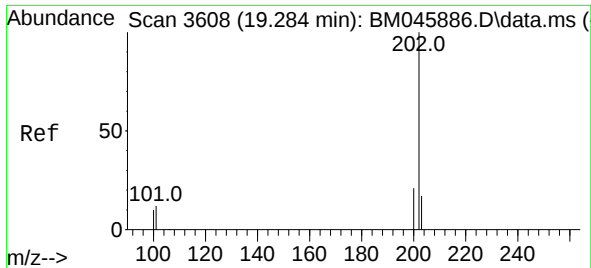
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#19
 Fluoranthene
 Concen: 1.115 ng/ul
 RT: 18.917 min Scan# 3529
 Delta R.T. -0.005 min
 Lab File: BM045901.D
 Acq: 08 Jun 2024 03:49

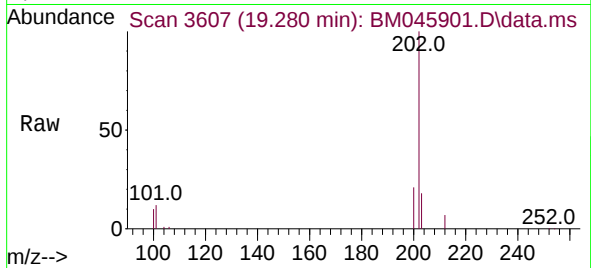
Tgt Ion:202 Resp: 86116
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.0 13.6
 100 8.0 7.0 10.6





#20
Pyrene
Concen: 0.909 ng/ul
RT: 19.280 min Scan# 3607
Delta R.T. -0.005 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

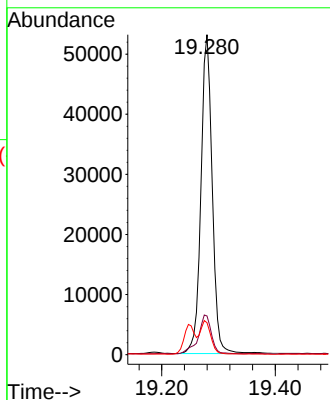
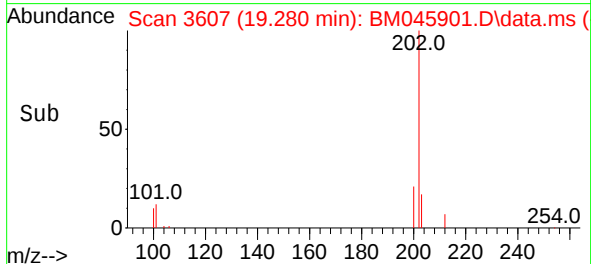
Instrument :
BNA_M
ClientSampleId :
A4C56DL



Tgt Ion:202 Resp: 73208
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 10.0 9.1 13.7

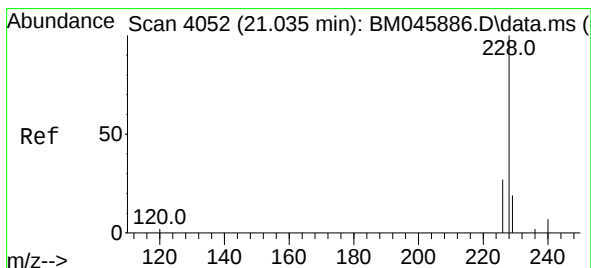
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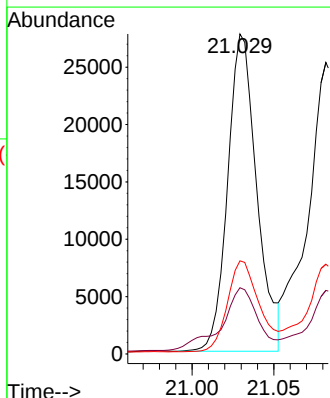
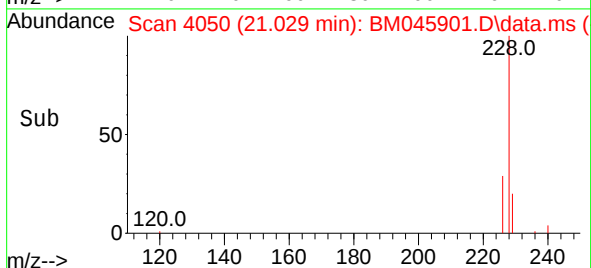
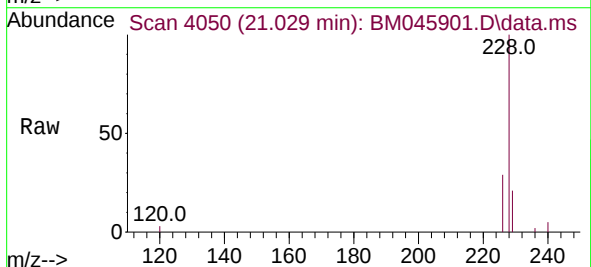
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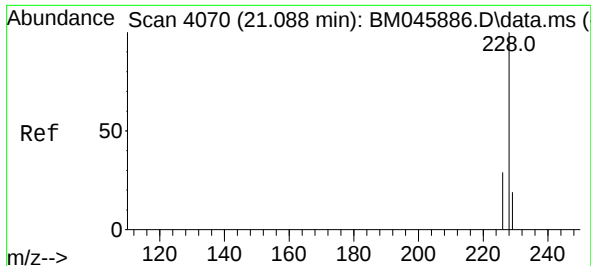
06/13/2024



#21
Benzo(a)anthracene
Concen: 0.482 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

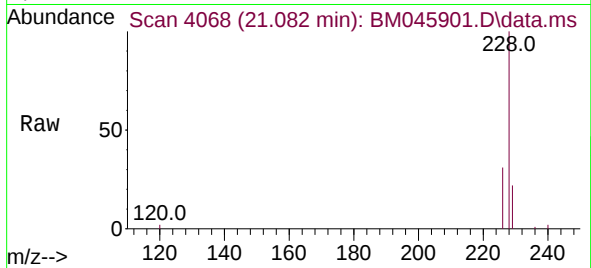
Tgt Ion:228 Resp: 34250
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 29.1 22.0 33.0





#22
Chrysene
Concen: 0.486 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

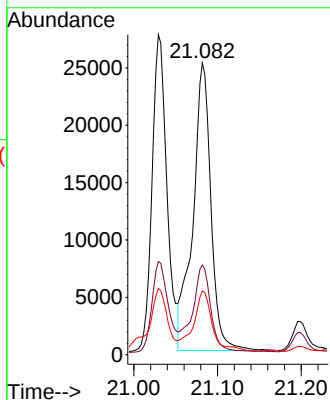
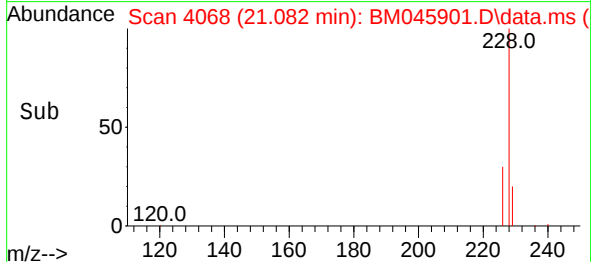
Instrument :
BNA_M
ClientSampleId :
A4C56DL



Tgt Ion:228 Resp: 3759
Ion Ratio Lower Upper
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226 30.8 24.5 36.7
229 21.8 16.2 24.2

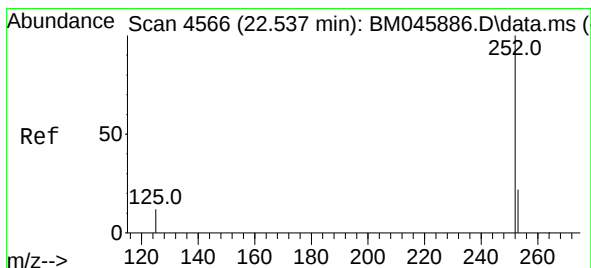
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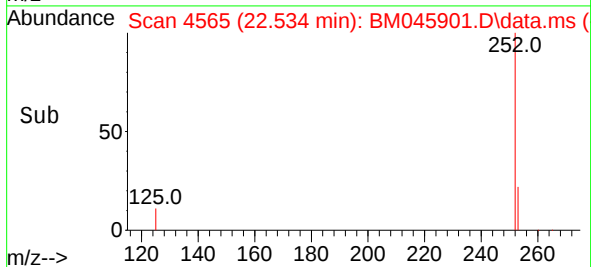
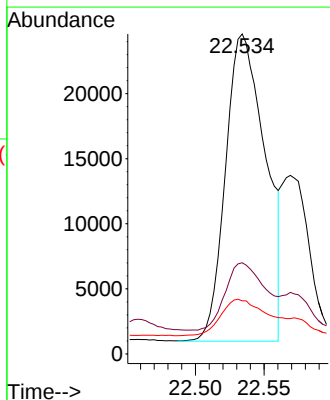
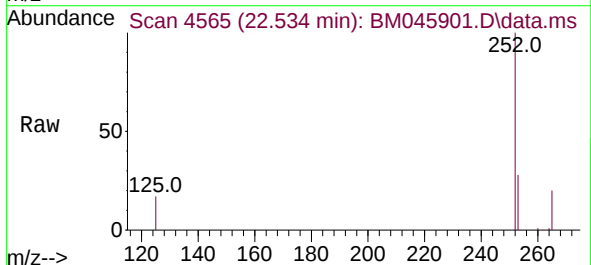
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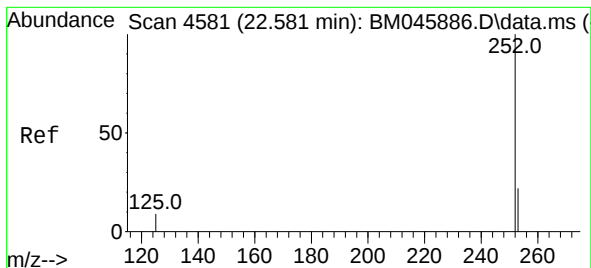
06/13/2024



#24
Benzo(b)fluoranthene
Concen: 0.686 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

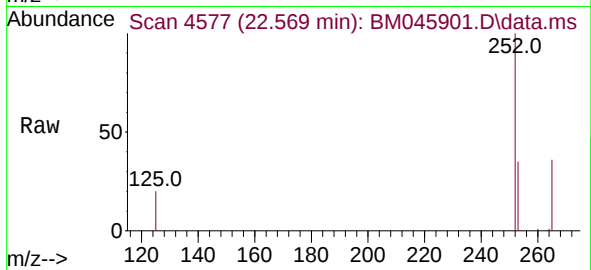
Tgt Ion:252 Resp: 47604
Ion Ratio Lower Upper
252 100
253 28.5 0.0 63.6
125 16.6 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.226 ng/ul m
RT: 22.569 min Scan# 4577
Delta R.T. -0.012 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

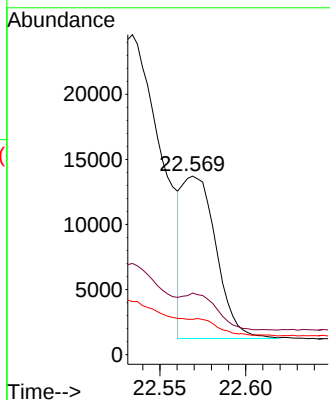
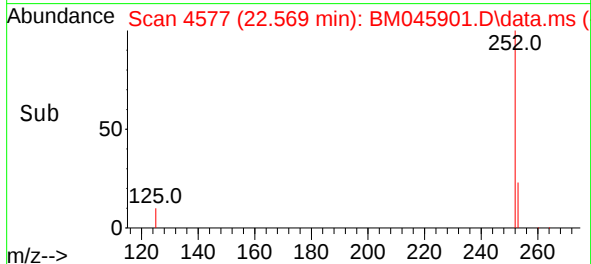
Instrument :
BNA_M
ClientSampleId :
A4C56DL



Tgt Ion:252 Resp: 17230
Ion Ratio Lower Upper
252 100
253 34.5 25.0 37.6
125 19.8 14.2 21.2

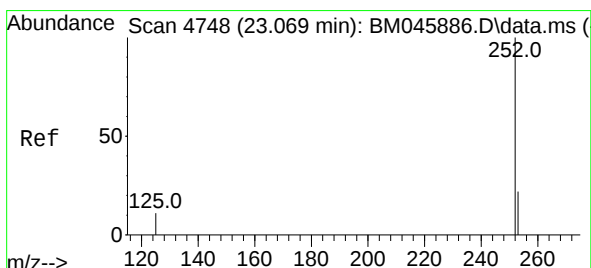
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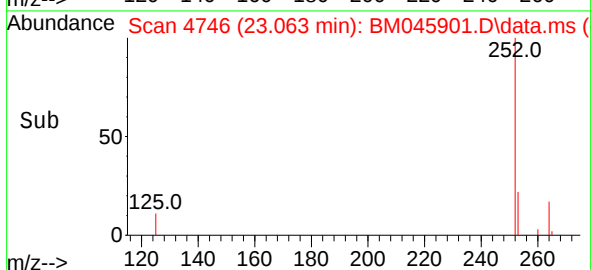
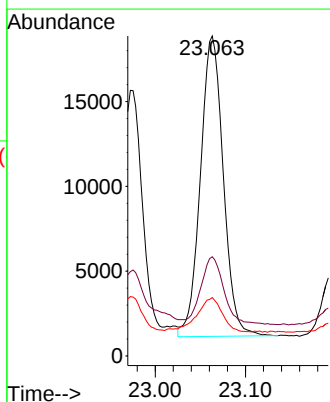
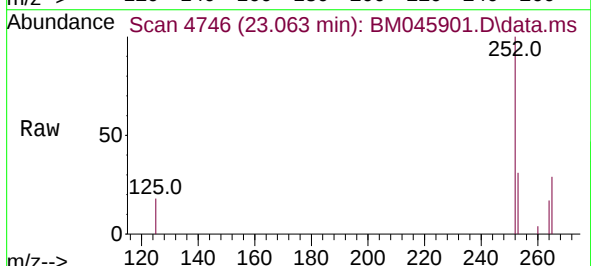
06/08/2024
Supervised By :mohammad
ahmed

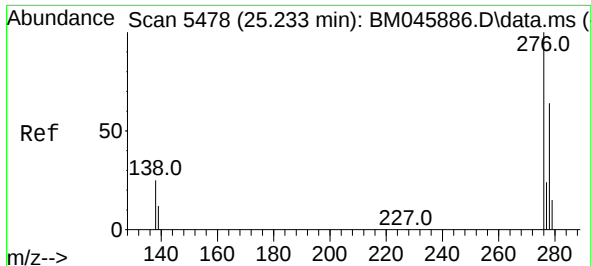
06/13/2024



#26
Benzo(a)pyrene
Concen: 0.453 ng/ul
RT: 23.063 min Scan# 4746
Delta R.T. -0.009 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

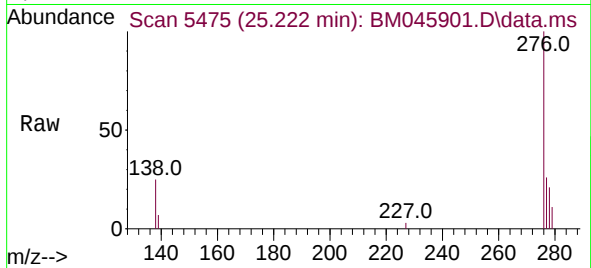
Tgt Ion:252 Resp: 31238
Ion Ratio Lower Upper
252 100
253 31.0 28.8 43.2
125 18.2 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.279 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

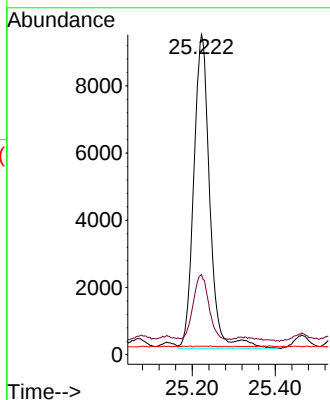
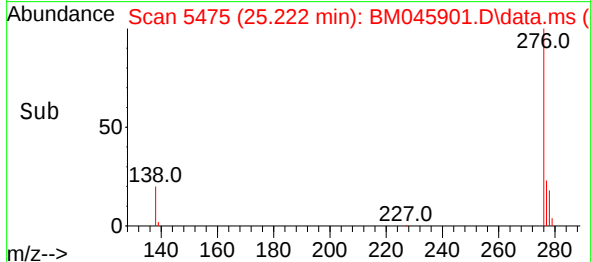
Instrument :
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Tgt Ion:276 Resp: 24904
Ion Ratio Lower Upper
276 100
138 20.1 20.7 31.1#
227 0.1 0.2 0.2#

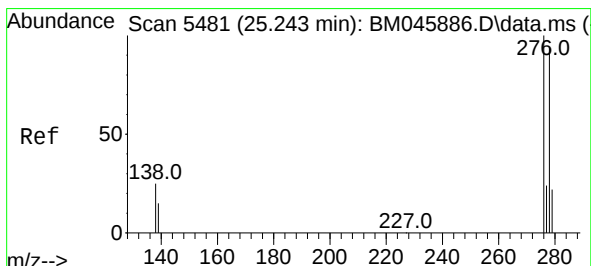
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APPROVED

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



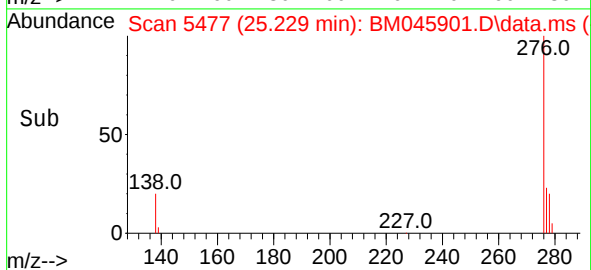
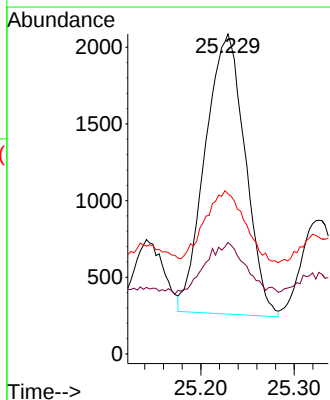
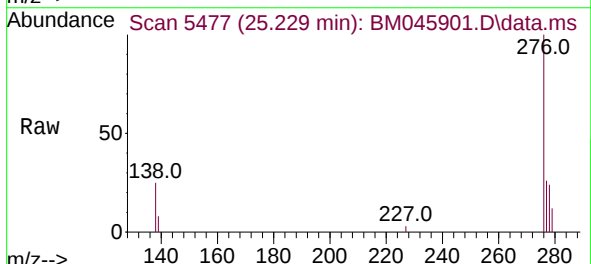
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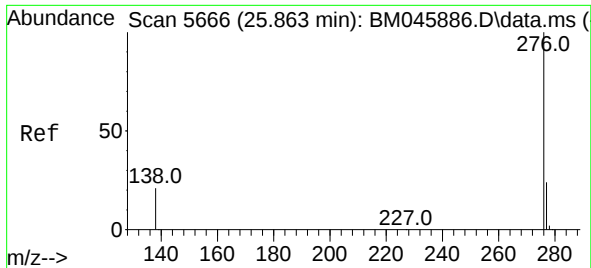
06/13/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 25.229 min Scan# 5477
Delta R.T. -0.020 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

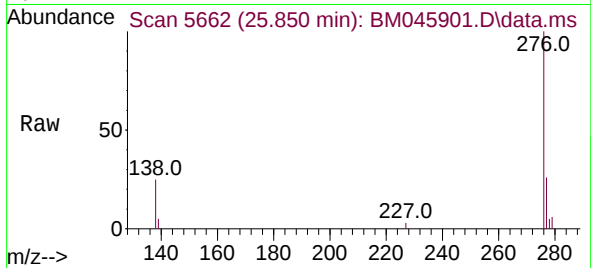
Tgt Ion:278 Resp: 5421
Ion Ratio Lower Upper
278 100
139 34.8 16.6 25.0#
279 50.0 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 25.850 min Scan# 50
Delta R.T. -0.013 min
Lab File: BM045901.D
Acq: 08 Jun 2024 03:49

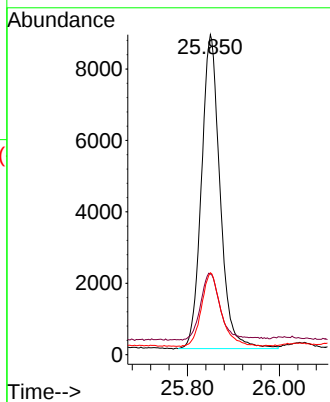
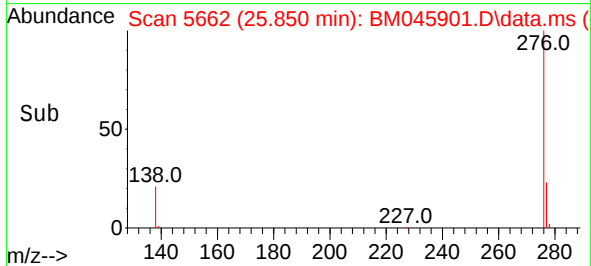
Instrument :
BNA_M
ClientSampleId :
A4C56DL



Tgt Ion:276 Resp: 24669
Ion Ratio Lower Upper
276 100
138 25.2 21.0 31.4
277 25.6 20.5 30.7

Manual Integrations
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