

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046276.D
 Acq On : 25 Jun 2024 05:38
 Operator : MA/JU
 Sample : P2776-06DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B94DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 06:08:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2381	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.222	136	6594	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.063	164	3903	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	7928	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	6739	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264	7524m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	1996	0.611	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.849	152	410	0.046	ng/ul	-0.02
18) Fluoranthene-d10	18.835	212	934	0.046	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.277	128	1234	0.067	ng/ul#	68
7) 2-Methylnaphthalene	11.926	142	404	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.119	142	370	0.033	ng/ul	99
10) Acenaphthylene	13.785	152	1707	0.092	ng/ul#	80
11) Acenaphthene	14.127	153	1898	0.142	ng/ul	98
12) Fluorene	15.127	166	2250	0.157	ng/ul	98
15) Phenanthrene	16.846	178	43565	1.956	ng/ul	96
16) Anthracene	16.939	178	8595	0.518	ng/ul	97
19) Fluoranthene	18.863	202	80540	2.760	ng/ul	97
20) Pyrene	19.225	202	55401	1.756	ng/ul	97
21) Benzo(a)anthracene	20.988	228	33794	1.298	ng/ul	98
22) Chrysene	21.038	228	32232	0.970	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	45059m	1.662	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	16247m	0.504	ng/ul	
26) Benzo(a)pyrene	23.001	252	13002	0.518	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	25.142	276	12953	0.315	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.145	278	4639	0.152	ng/ul#	83
29) Benzo(g,h,i)perylene	25.762	276	1871	0.053	ng/ul#	64

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

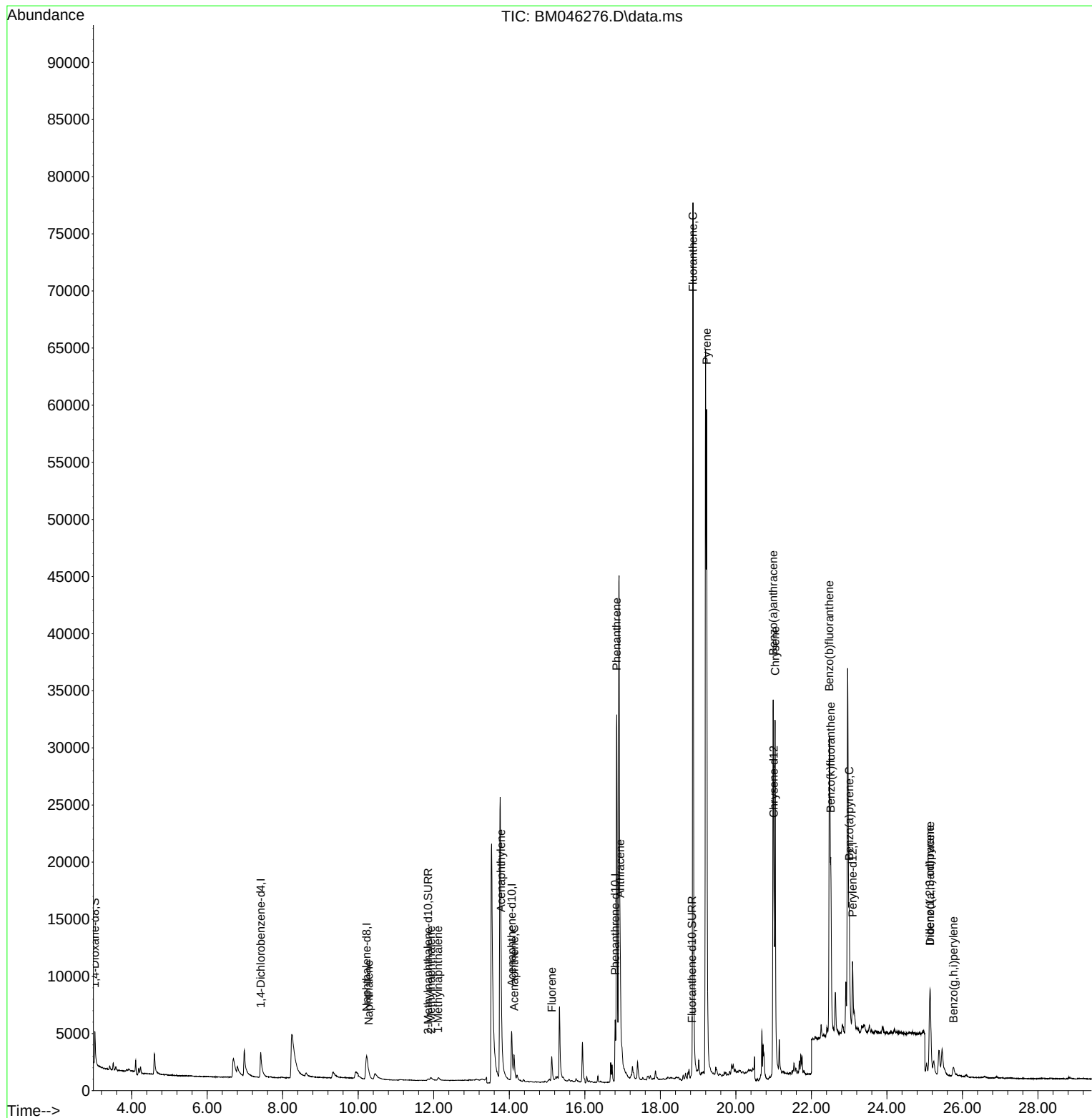
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046276.D
Acq On : 25 Jun 2024 05:38
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ALS Vial : 35 Sample Multiplier: 1

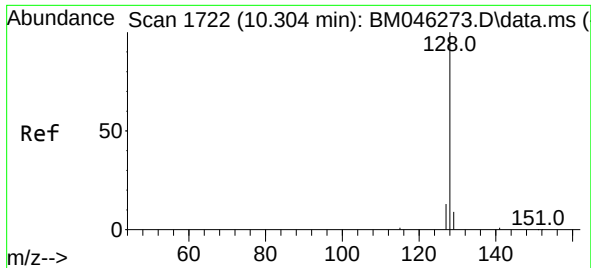
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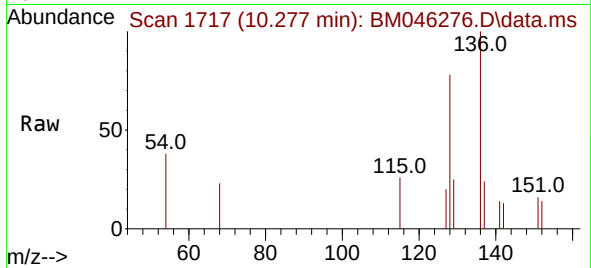
Quant Time: Jun 25 06:08:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.277 min Scan# 11
Delta R.T. -0.026 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

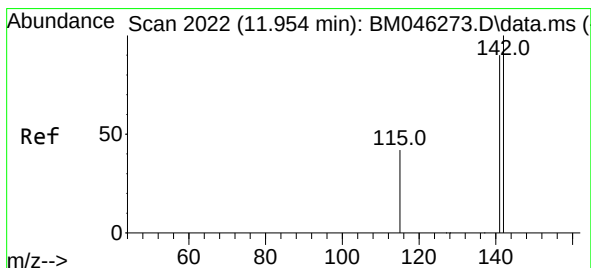
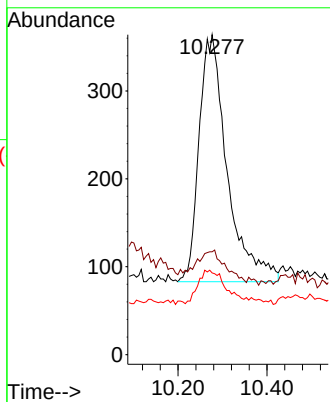
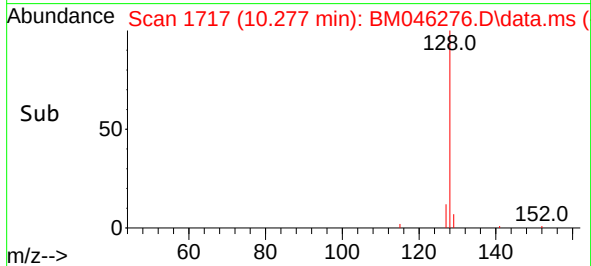
Instrument :
BNA_M
ClientSampleId :
A4B94DL



Tgt Ion:128 Resp: 1234
Ion Ratio Lower Upper
128 100
129 32.1 11.8 17.6
127 25.5 12.8 19.2

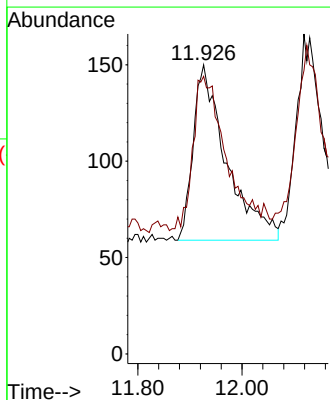
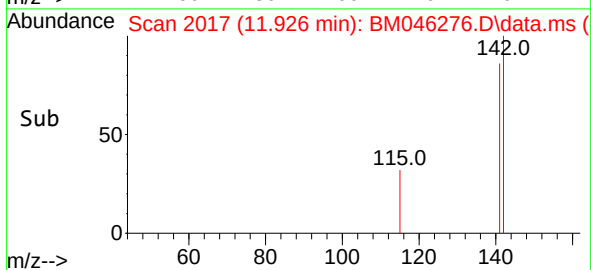
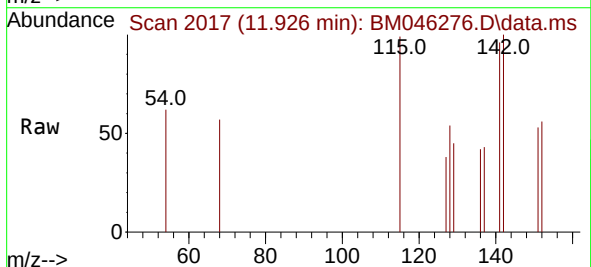
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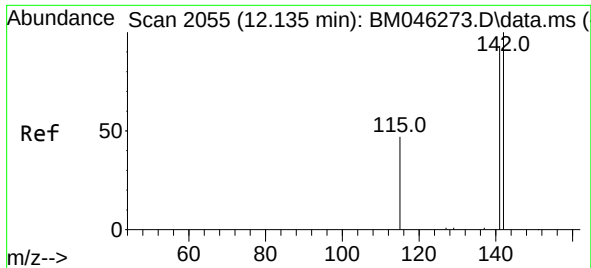
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 11.926 min Scan# 2017
Delta R.T. -0.021 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

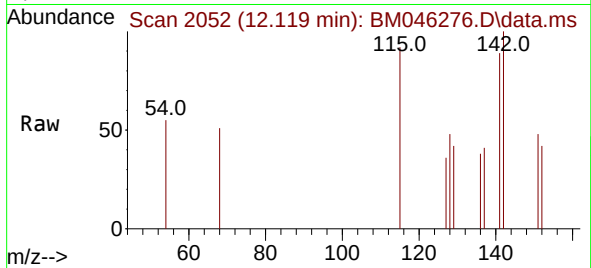
Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
142 100
141 89.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.033 ng/u1
RT: 12.119 min Scan# 2052
Delta R.T. -0.032 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

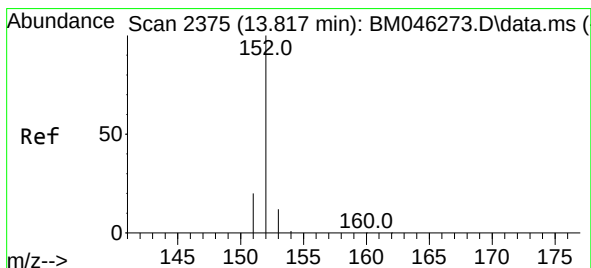
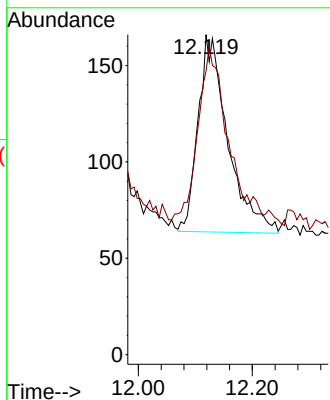
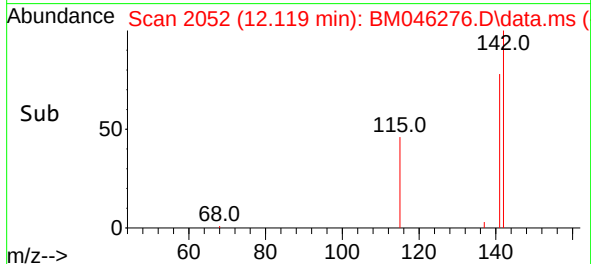
Instrument :
BNA_M
ClientSampleId :
A4B94DL



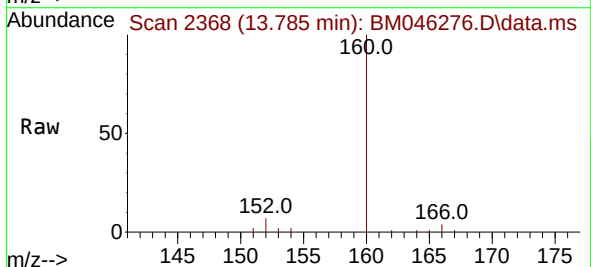
Tgt Ion:142 Resp: 370
Ion Ratio Lower Upper
142 100
141 95.4 75.2 112.8

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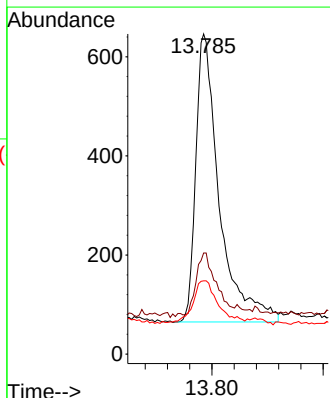
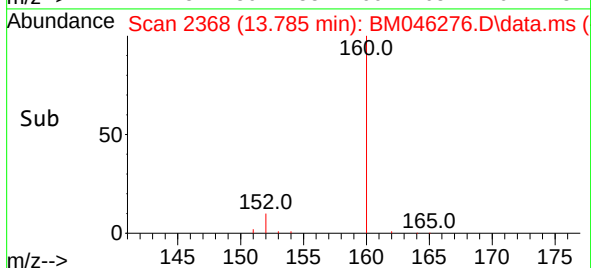
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

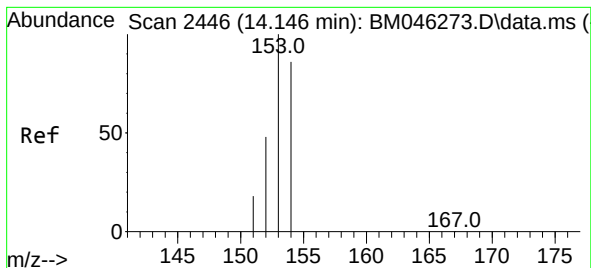


#10
Acenaphthylene
Concen: 0.092 ng/u1
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38



Tgt Ion:152 Resp: 1707
Ion Ratio Lower Upper
152 100
151 31.6 17.4 26.2#
153 22.9 11.8 17.8#





#11

Acenaphthene

Concen: 0.142 ng/ul

RT: 14.127 min Scan# 2446

Delta R.T. -0.045 min

Lab File: BM046276.D

Acq: 25 Jun 2024 05:38

Instrument :

BNA_M

ClientSampleId :

A4B94DL

Tgt Ion:153 Resp: 1898

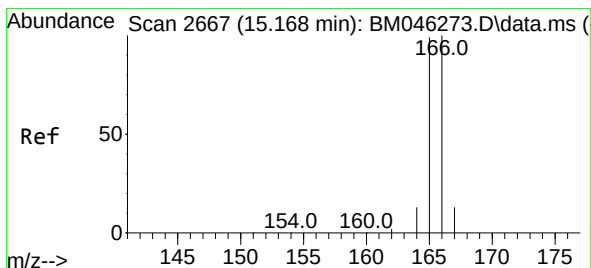
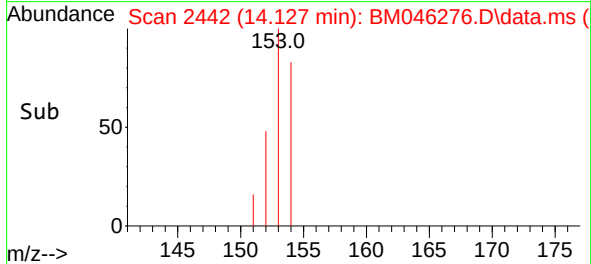
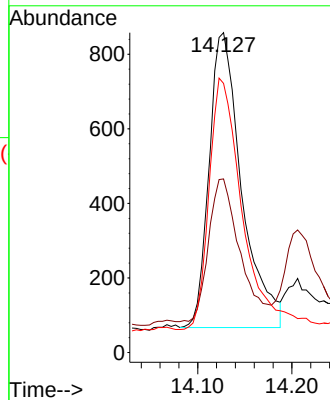
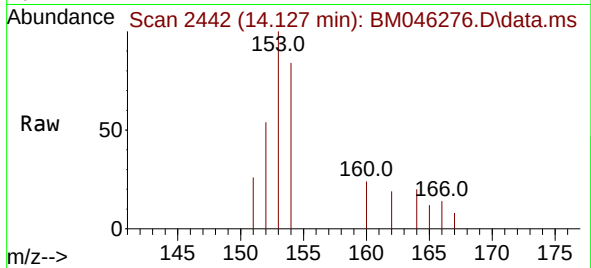
Ion	Ratio	Lower	Upper
153	100		
152	54.3	41.3	61.9
154	84.1	68.2	102.4

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#12

Fluorene

Concen: 0.157 ng/ul

RT: 15.127 min Scan# 2658

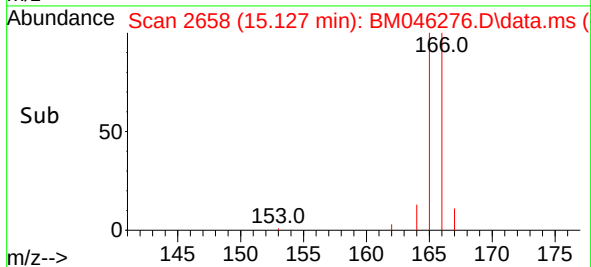
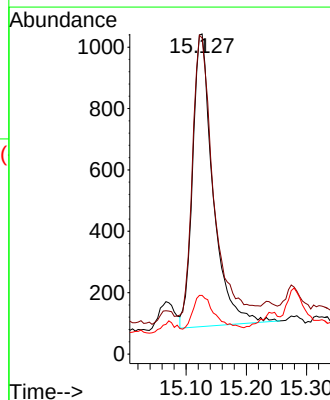
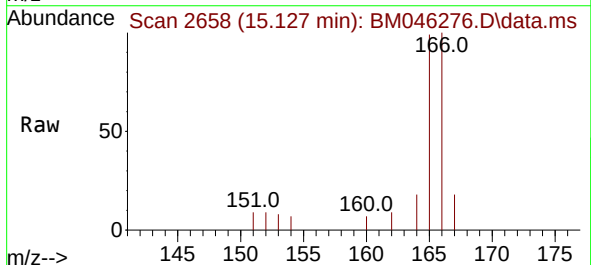
Delta R.T. -0.054 min

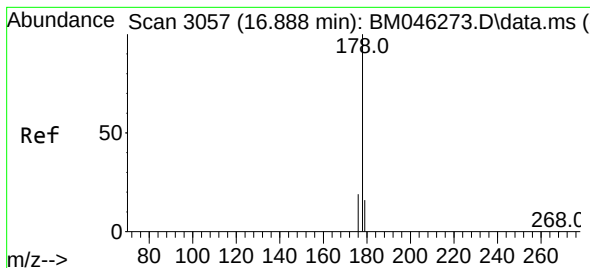
Lab File: BM046276.D

Acq: 25 Jun 2024 05:38

Tgt Ion:166 Resp: 2250

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.4	120.6
167	18.3	12.4	18.6





#15

Phenanthrene

Concen: 1.956 ng/u1

RT: 16.846 min Scan# 3057

Delta R.T. -0.058 min

Lab File: BM046276.D

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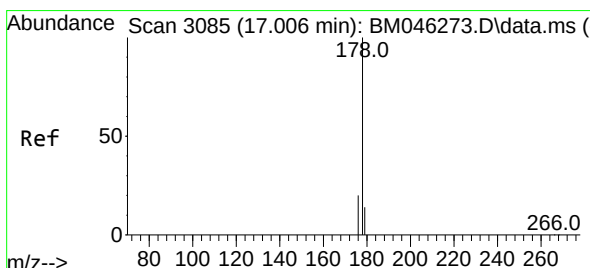
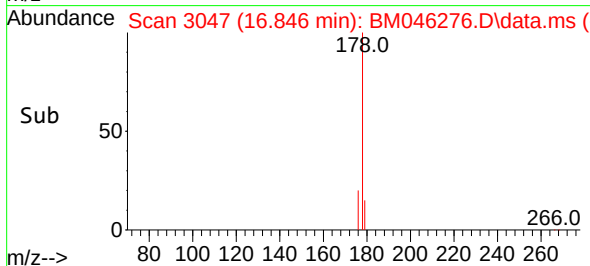
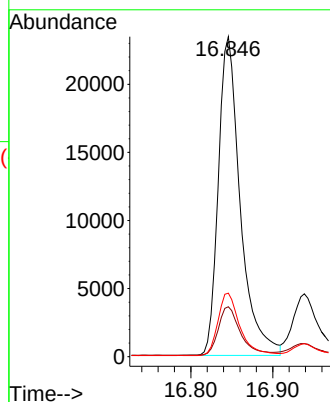
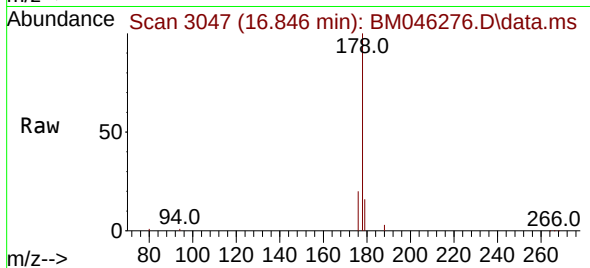
Tgt Ion:178	Resp:	4356
Ion Ratio	Lower	Upper
178	100	
179	15.6	14.2 21.2
176	19.9	17.1 25.7

Manual Integrations

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#16

Anthracene

Concen: 0.518 ng/u1

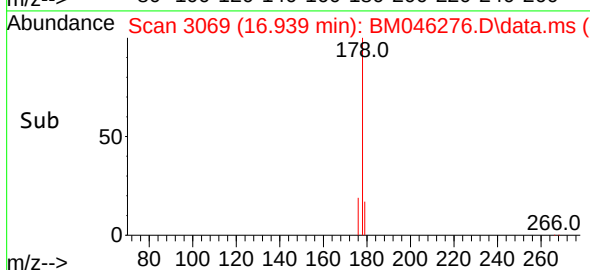
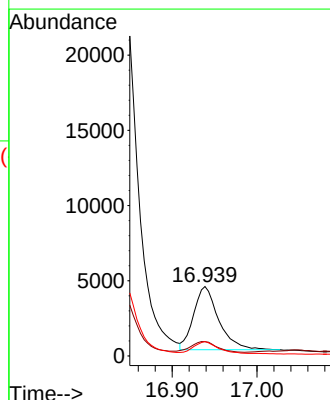
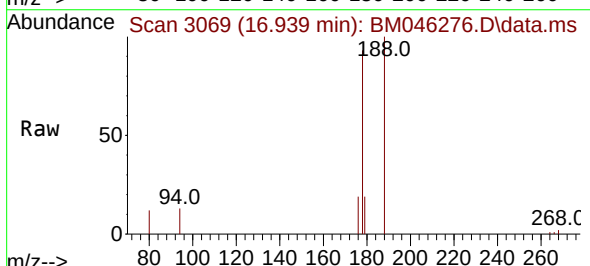
RT: 16.939 min Scan# 3069

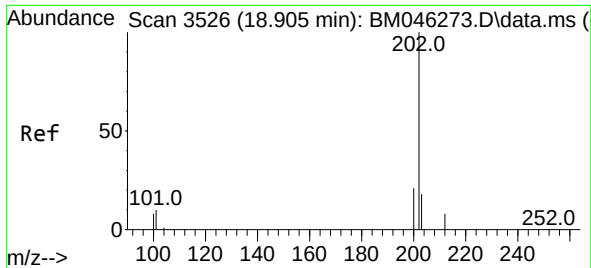
Delta R.T. -0.066 min

Lab File: BM046276.D

Acq: 25 Jun 2024 05:38

Tgt Ion:178	Resp:	8595
Ion Ratio	Lower	Upper
178	100	
179	20.5	14.9 22.3
176	20.7	17.0 25.4





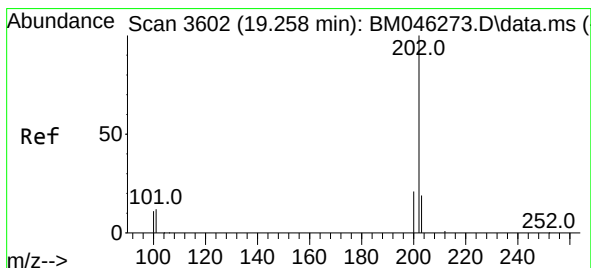
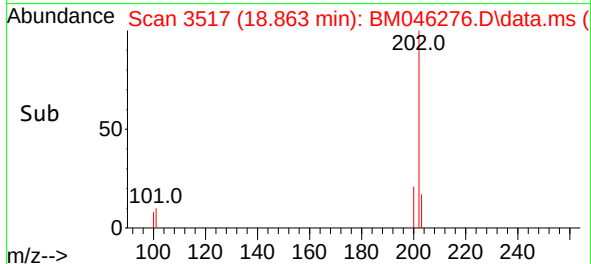
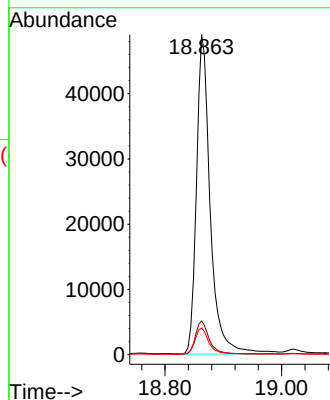
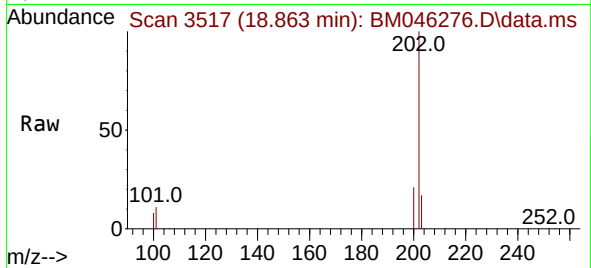
#19
Fluoranthene
Concen: 2.760 ng/u1
RT: 18.863 min Scan# 317
Delta R.T. -0.054 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

Instrument :
BNA_M
ClientSampleId :
A4B94DL

Tgt Ion:202 Resp: 80540
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 8.3 7.6 11.4

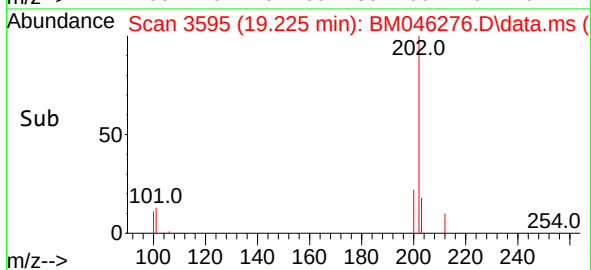
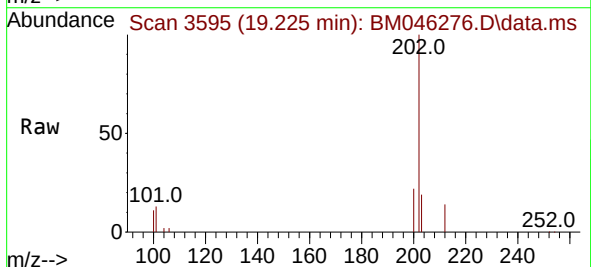
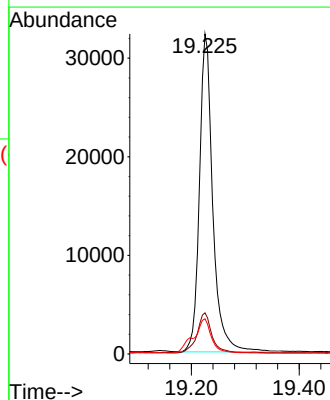
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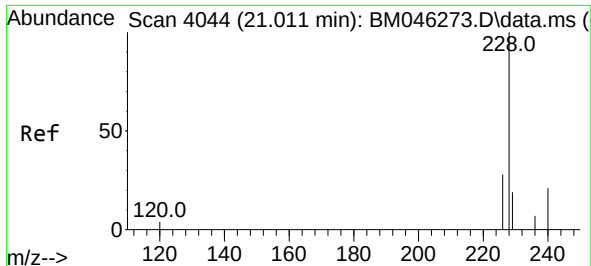
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 1.756 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

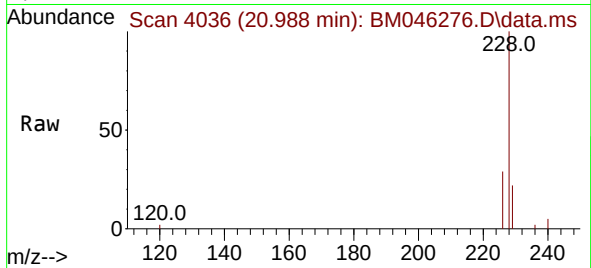
Tgt Ion:202 Resp: 55401
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.298 ng/ul
RT: 20.988 min Scan# 4044
Delta R.T. -0.041 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

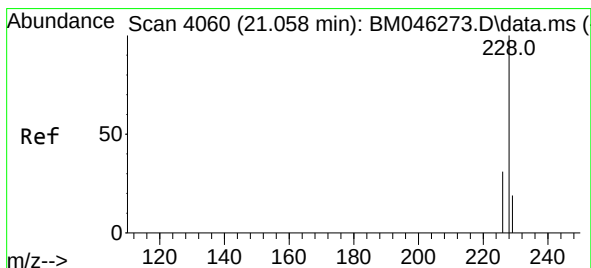
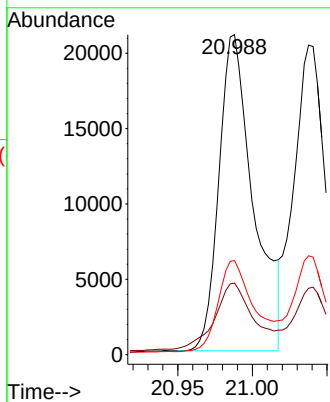
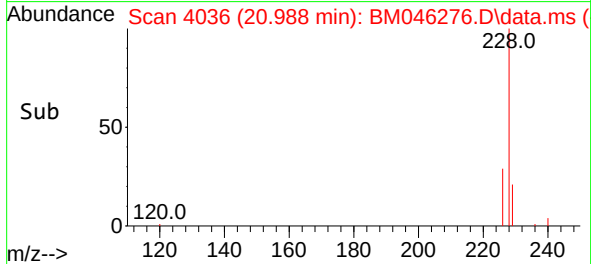
Instrument :
BNA_M
ClientSampleId :
A4B94DL



Tgt Ion:228 Resp: 33794
Ion Ratio Lower Upper
228 100
229 22.4 16.4 24.6
226 29.4 23.4 35.2

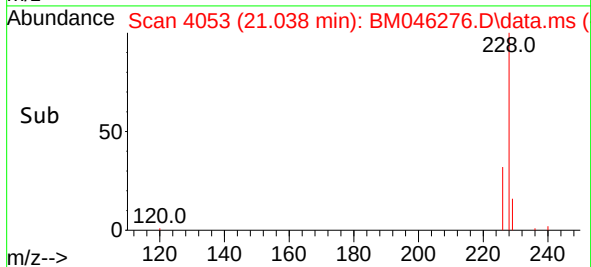
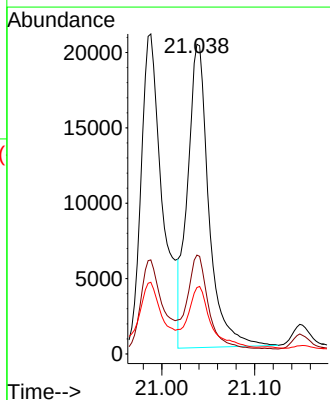
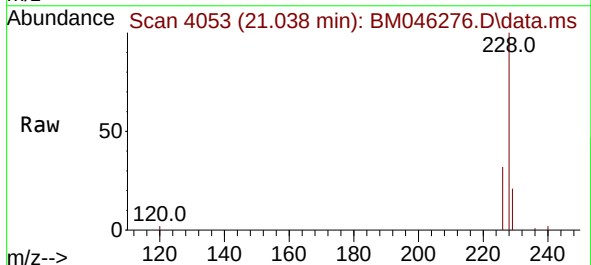
Manual Integrations
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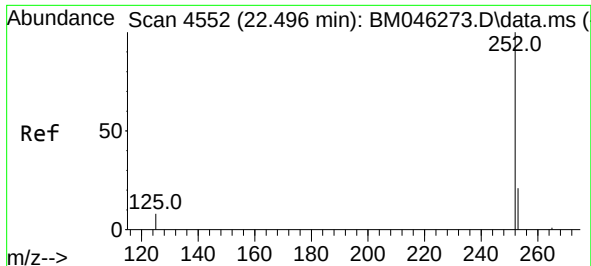
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.970 ng/ul
RT: 21.038 min Scan# 4053
Delta R.T. -0.038 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

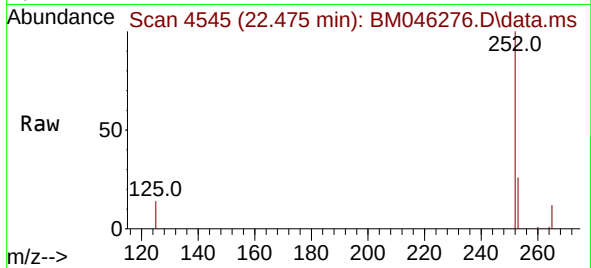
Tgt Ion:228 Resp: 32232
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.662 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

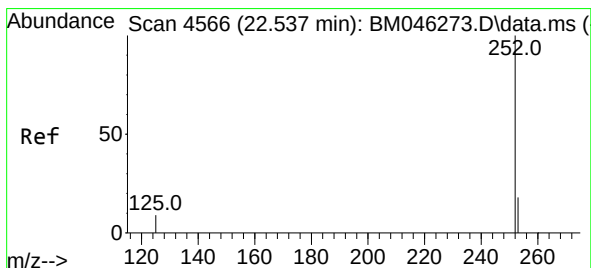
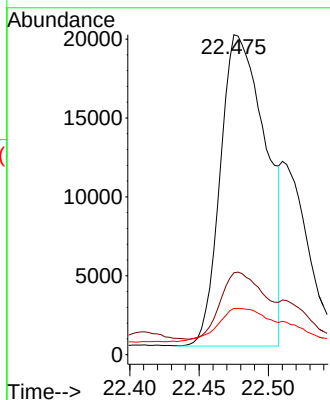
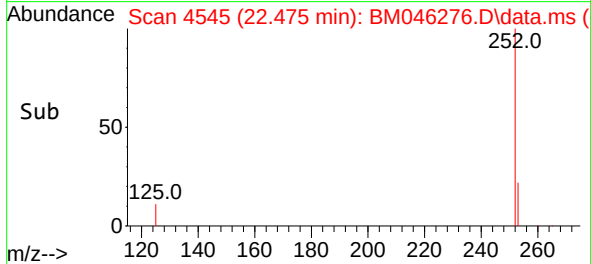
Instrument :
BNA_M
ClientSampleId :
A4B94DL



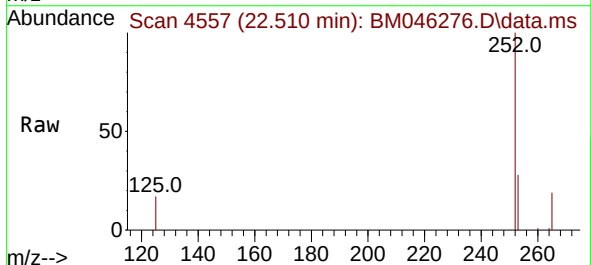
Tgt Ion:252 Resp: 45059
Ion Ratio Lower Upper
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253 25.6 0.0 65.8
125 14.5 0.0 40.2

Manual Integrations
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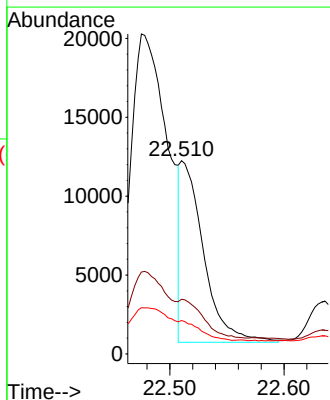
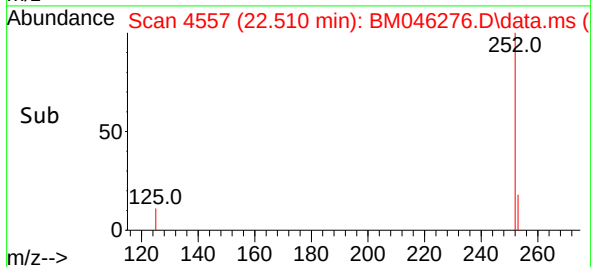
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

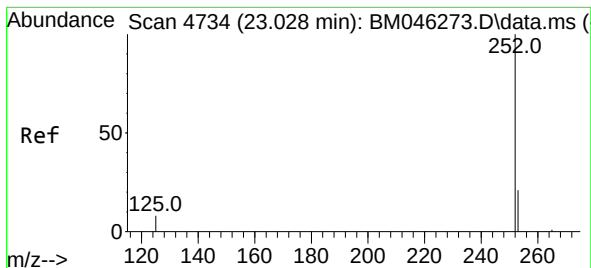


#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul m
RT: 22.510 min Scan# 4557
Delta R.T. -0.053 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38



Tgt Ion:252 Resp: 16247
Ion Ratio Lower Upper
252 100
253 28.3 27.2 40.8
125 17.3 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.518 ng/ul

RT: 23.001 min Scan# 4725

Delta R.T. -0.053 min

Lab File: BM046276.D

Acq: 25 Jun 2024 05:38

Instrument :

BNM_M

ClientSampleId :

A4B94DL

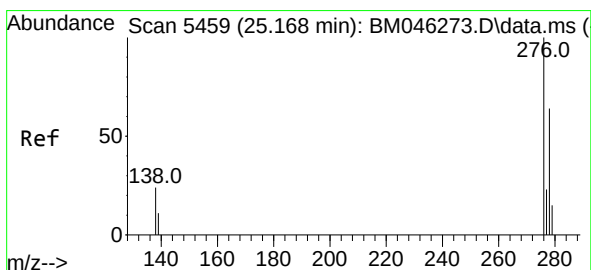
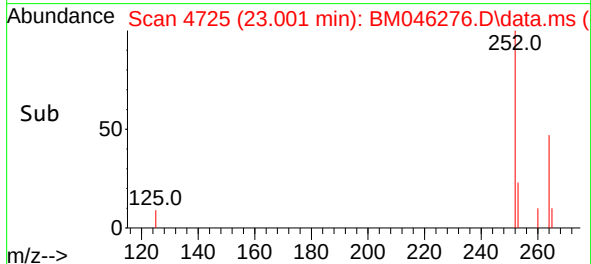
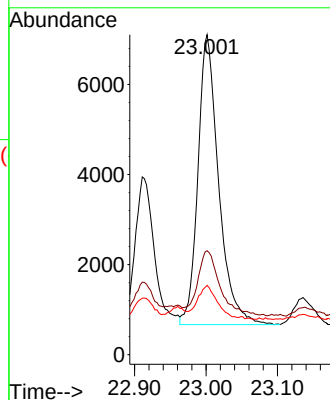
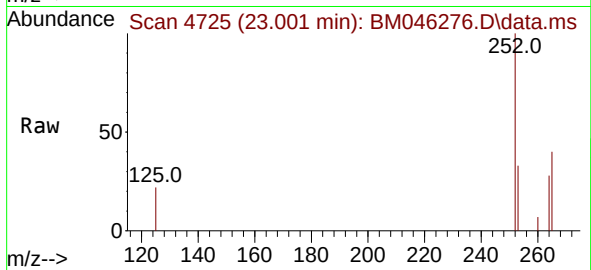
Tgt Ion:	252	Resp:	1300
Ion Ratio	Lower	Upper	
252	100		
253	32.5	32.1	48.1
125	21.7	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

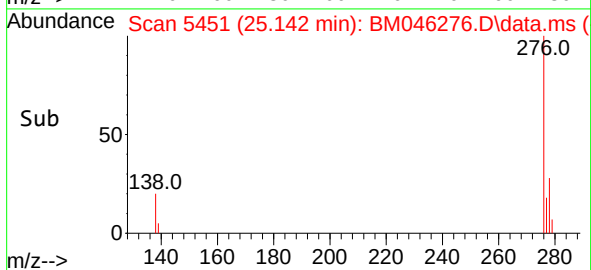
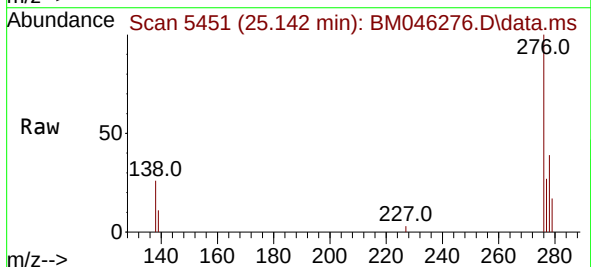
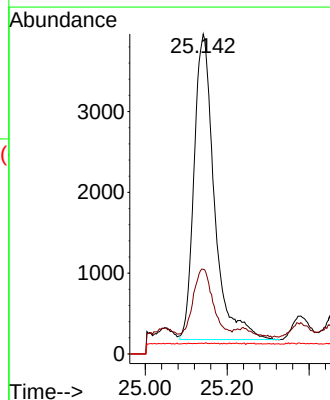
RT: 25.142 min Scan# 5451

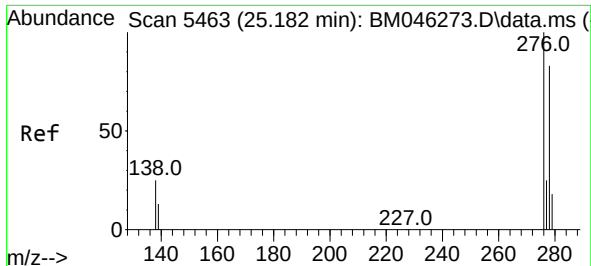
Delta R.T. -0.061 min

Lab File: BM046276.D

Acq: 25 Jun 2024 05:38

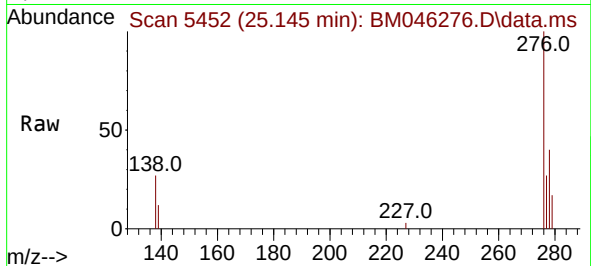
Tgt Ion:	276	Resp:	12953
Ion Ratio	Lower	Upper	
276	100		
138	23.9	21.0	31.4
227	1.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 25.145 min Scan# 5463
Delta R.T. -0.071 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38

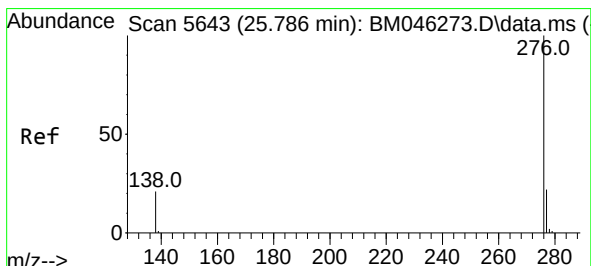
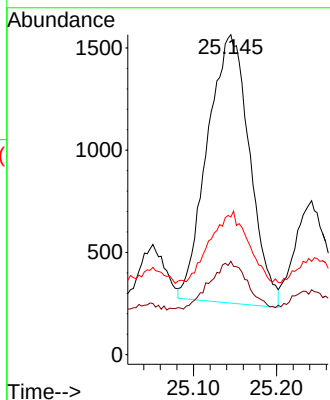
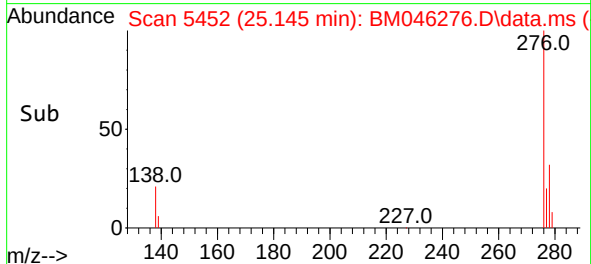
Instrument :
BNA_M
ClientSampleId :
A4B94DL



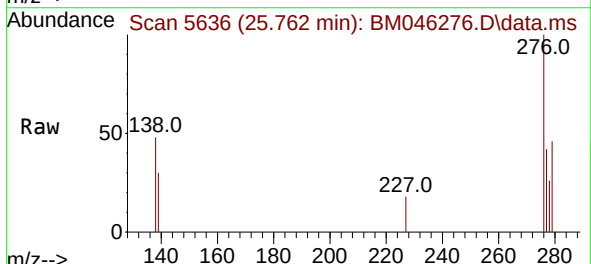
Tgt Ion:278 Resp: 4639
Ion Ratio Lower Upper
278 100
139 29.2 17.6 26.4#
279 43.1 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 25.762 min Scan# 5636
Delta R.T. -0.067 min
Lab File: BM046276.D
Acq: 25 Jun 2024 05:38



Tgt Ion:276 Resp: 1871
Ion Ratio Lower Upper
276 100
138 47.5 21.7 32.5#
277 41.8 20.4 30.6#

