

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046170.D
 Acq On : 21 Jun 2024 21:19
 Operator : MA/JU
 Sample : P2754-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 22:28:15 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 : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2496	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.188	136	7126	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3930	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.812	188	8133m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.017	240	6560m	0.400	ng/ul	-0.03
23) Perylene-d12	23.106	264	7011m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11855	3.462	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2537	0.265	ng/ul	-0.05
18) Fluoranthene-d10	18.849	212	5332	0.271	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.238	128	538	0.027	ng/ul#	60
10) Acenaphthylene	13.780	152	770	0.041	ng/ul#	63
11) Acenaphthene	14.127	153	276	0.021	ng/ul#	91
12) Fluorene	15.122	166	449	0.031	ng/ul#	92
15) Phenanthrene	16.854	178	5960m	0.261	ng/ul	
16) Anthracene	16.943	178	1598m	0.094	ng/ul	
19) Fluoranthene	18.876	202	11319	0.399	ng/ul	99
20) Pyrene	19.234	202	11241	0.366	ng/ul#	90
21) Benzo(a)anthracene	21.002	228	5628	0.222	ng/ul#	90
22) Chrysene	21.052	228	4852	0.150	ng/ul#	91
24) Benzo(b)fluoranthene	22.493	252	7727m	0.306	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	2748m	0.092	ng/ul	
26) Benzo(a)pyrene	23.013	252	5148	0.220	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.168	276	3777	0.099	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.165	278	872	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	25.785	276	3980	0.121	ng/ul#	79

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

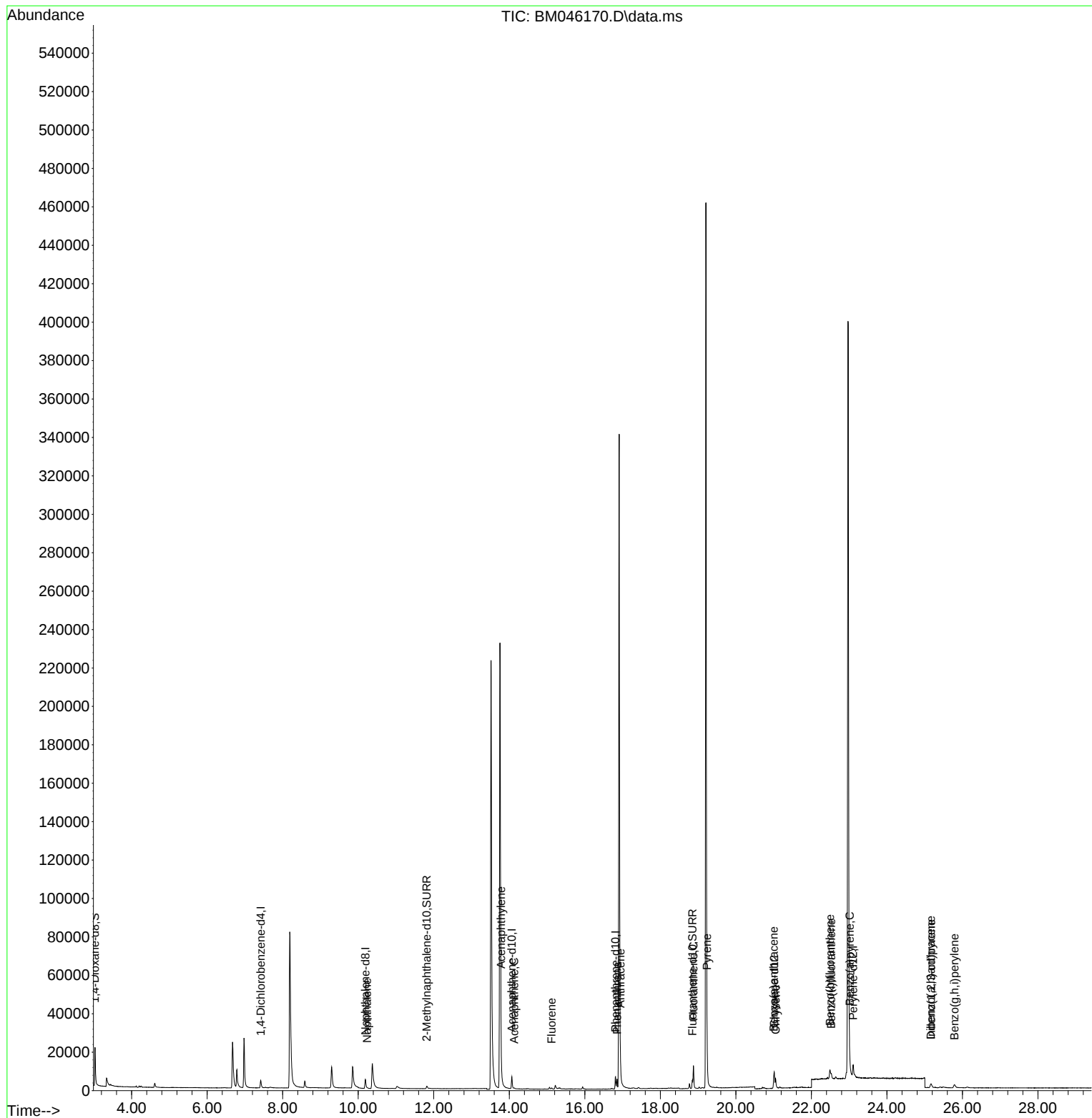
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046170.D
Acq On : 21 Jun 2024 21:19
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ALS Vial : 22 Sample Multiplier: 1

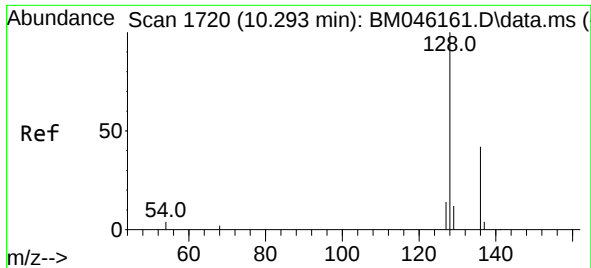
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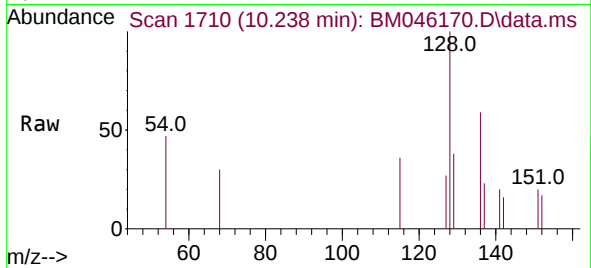
Quant Time: Jun 21 22:28:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.065 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

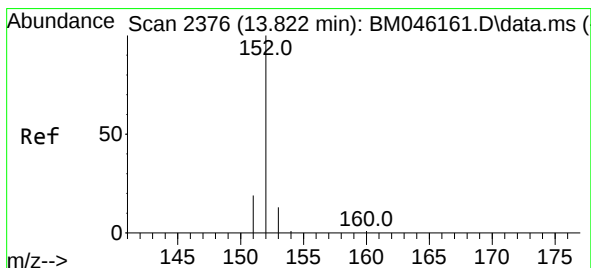
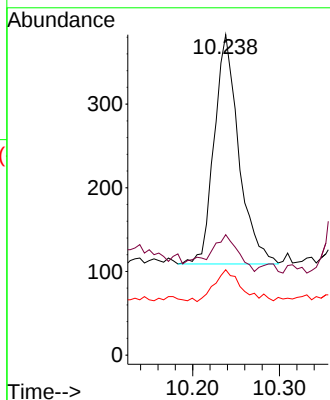
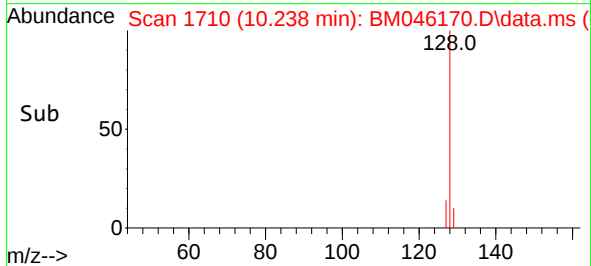
Instrument :
BNA_M
ClientSampleId :
A4BQ7



Tgt Ion:128 Resp: 538
Ion Ratio Lower Upper
128 100
129 37.6 11.8 17.6#
127 26.6 12.8 19.2#

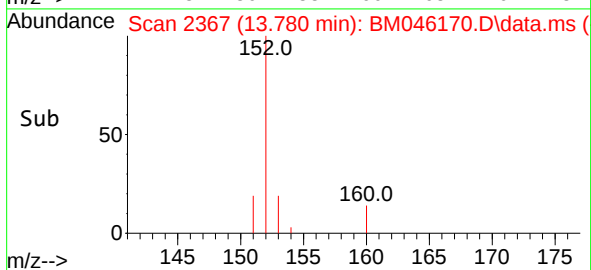
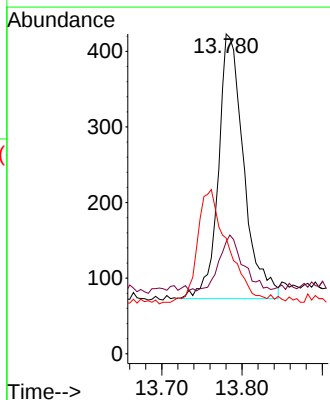
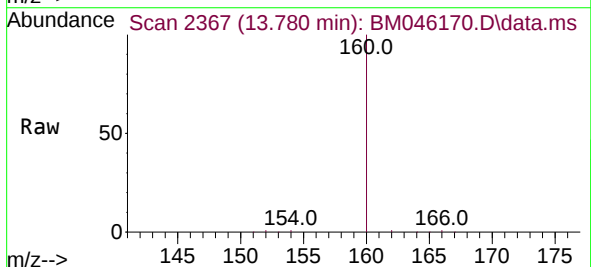
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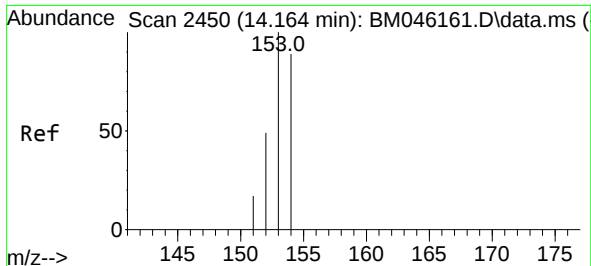
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

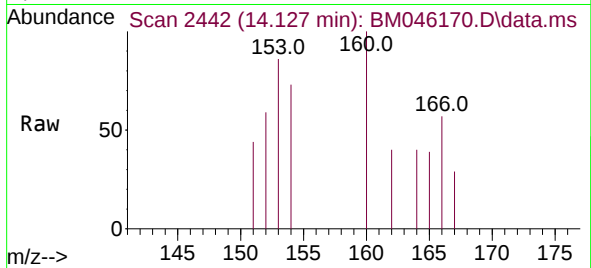
Tgt Ion:152 Resp: 770
Ion Ratio Lower Upper
152 100
151 35.0 17.4 26.2#
153 36.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

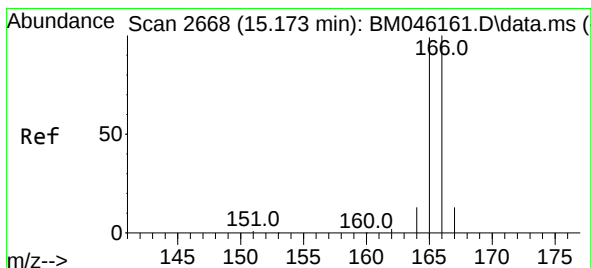
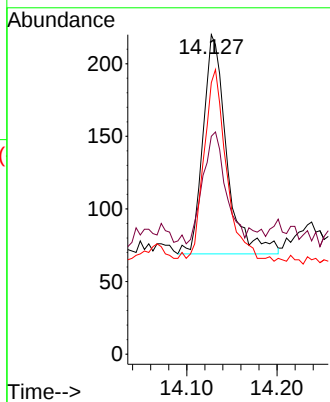
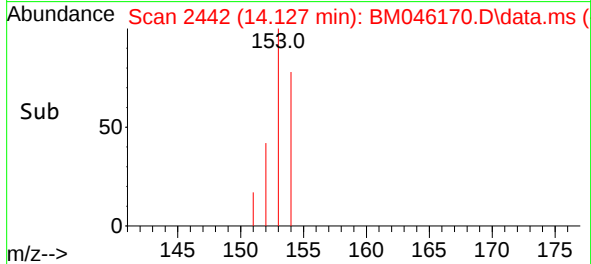
Instrument :
BNA_M
ClientSampleId :
A4BQ7



Tgt Ion:153 Resp: 270
Ion Ratio Lower Upper
153 100
152 68.2 41.3 61.9
154 85.0 68.2 102.4

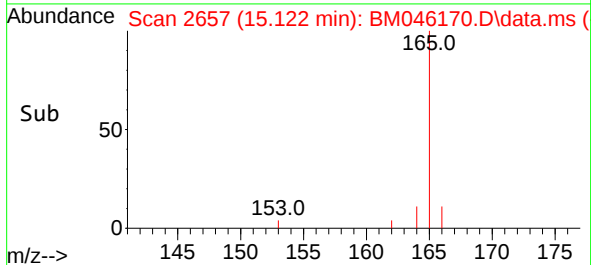
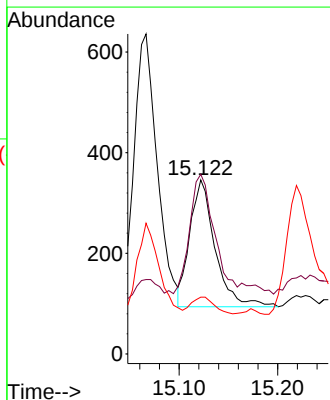
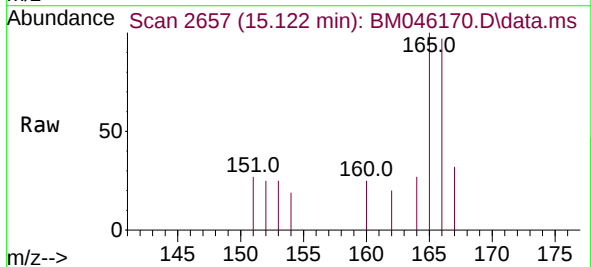
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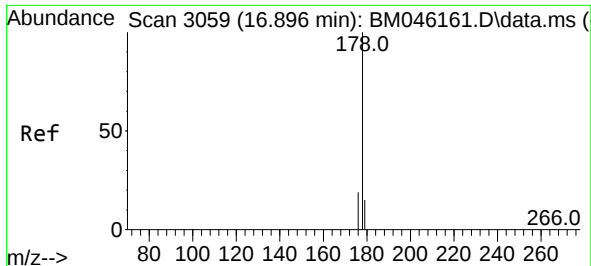
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

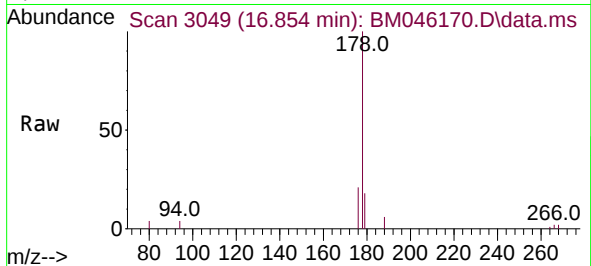
Tgt Ion:166 Resp: 449
Ion Ratio Lower Upper
166 100
165 103.2 80.4 120.6
167 32.7 12.4 18.6#





#15
Phenanthrene
Concen: 0.261 ng/ul m
RT: 16.854 min Scan# 3049
Delta R.T. -0.050 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

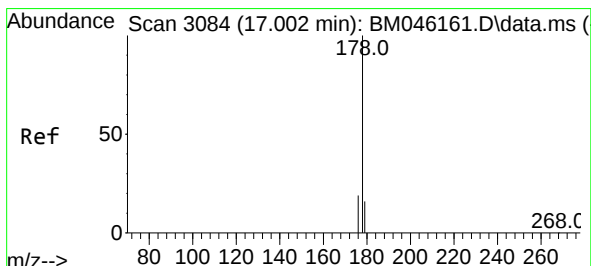
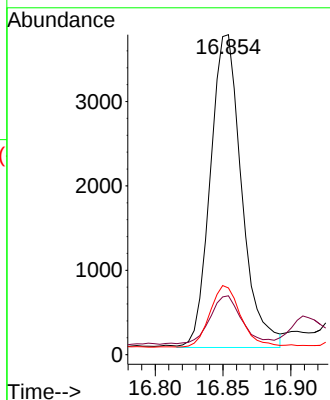
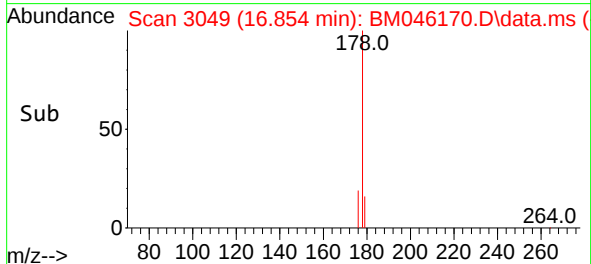
Instrument :
BNA_M
ClientSampleId :
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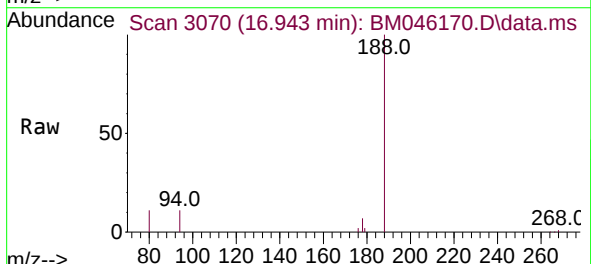
Tgt Ion:178 Resp: 5960
Ion Ratio Lower Upper
178 100
179 18.4 14.2 21.2
176 20.9 17.1 25.7

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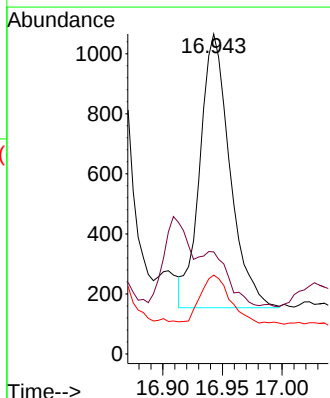
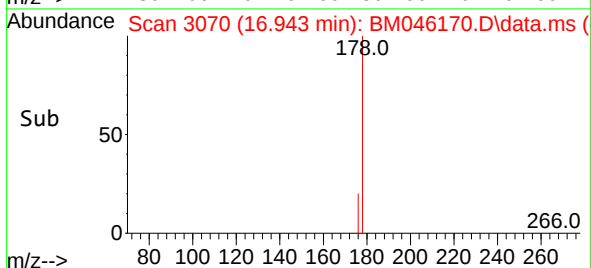
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

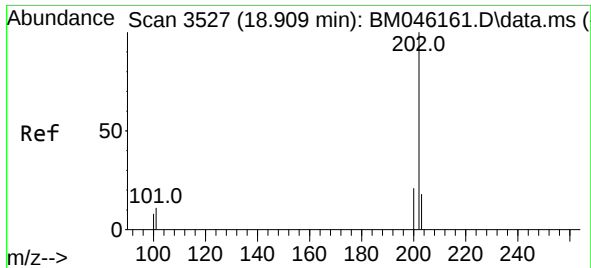


#16
Anthracene
Concen: 0.094 ng/ul m
RT: 16.943 min Scan# 3070
Delta R.T. -0.062 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19



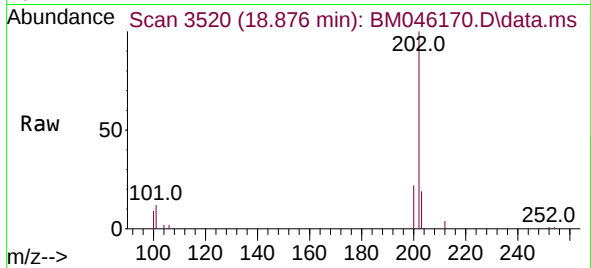
Tgt Ion:178 Resp: 1598
Ion Ratio Lower Upper
178 100
179 31.9 14.9 22.3#
176 24.7 17.0 25.4





#19
Fluoranthene
Concen: 0.399 ng/u1
RT: 18.876 min Scan# 3520
Delta R.T. -0.041 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

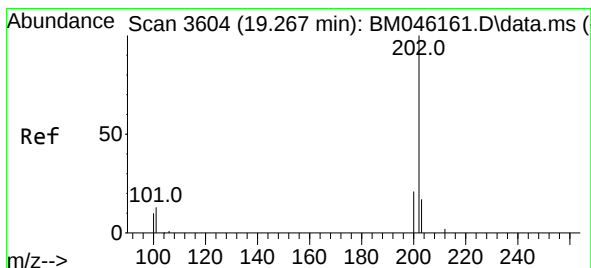
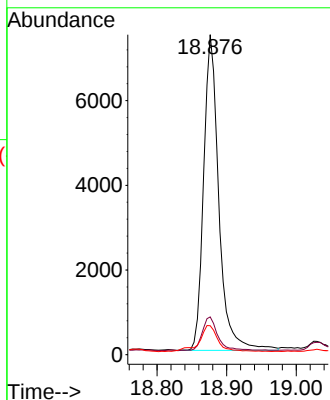
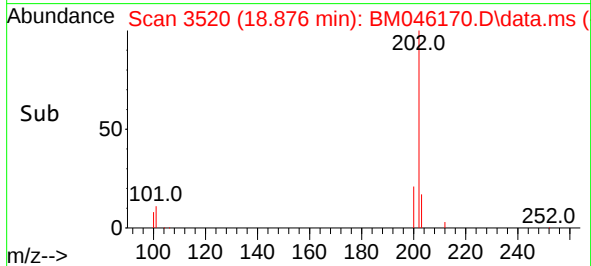
Instrument :
BNA_M
ClientSampleId :
A4BQ7



Tgt Ion:202 Resp: 11319
Ion Ratio Lower Upper
202 100
101 11.8 9.6 14.4
100 9.1 7.6 11.4

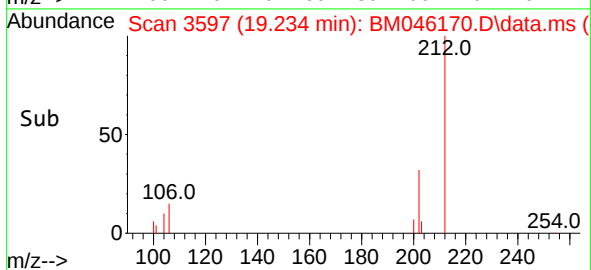
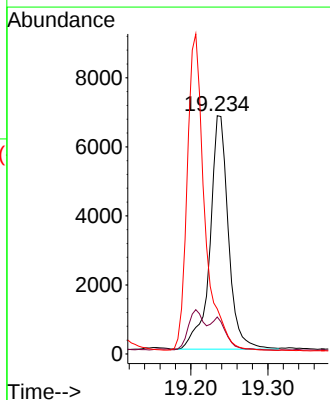
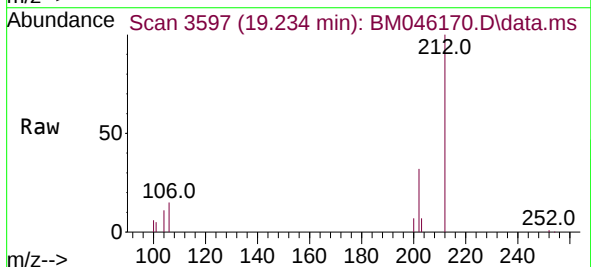
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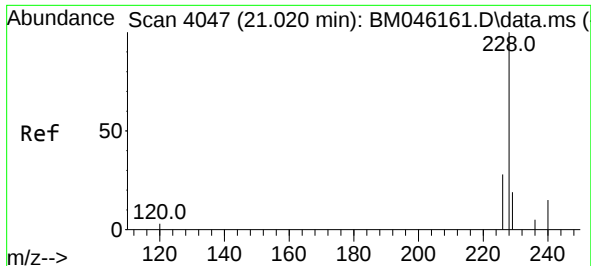
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 0.366 ng/u1
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

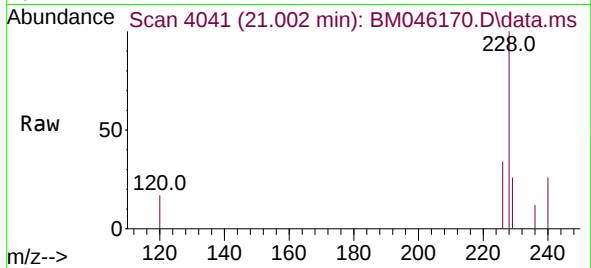
Tgt Ion:202 Resp: 11241
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 18.9 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.002 min Scan# 4047
Delta R.T. -0.027 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

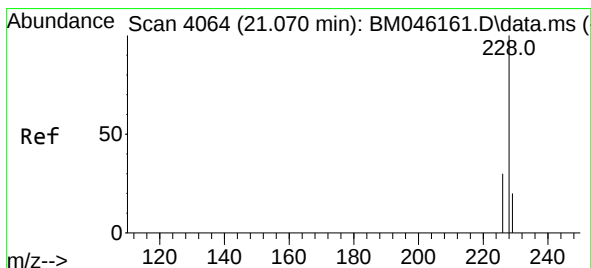
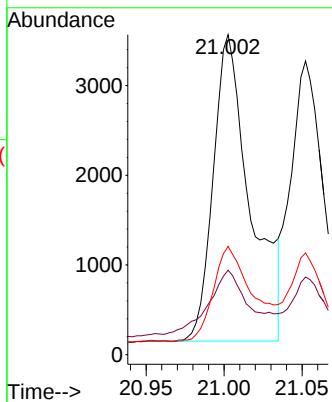
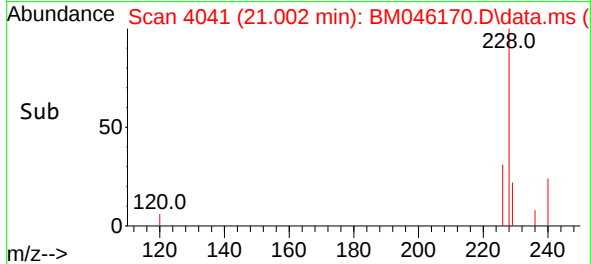
Instrument :
BNA_M
ClientSampleId :
A4BQ7



Tgt Ion:228 Resp: 5628
Ion Ratio Lower Upper
228 100
229 26.4 16.4 24.6
226 33.9 23.4 35.2

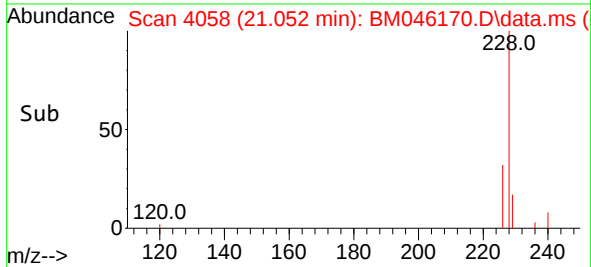
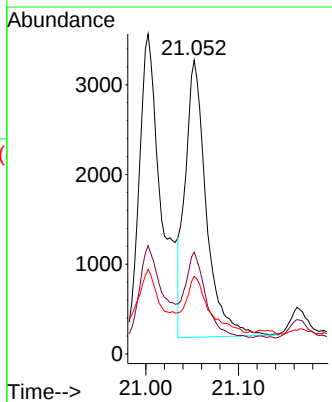
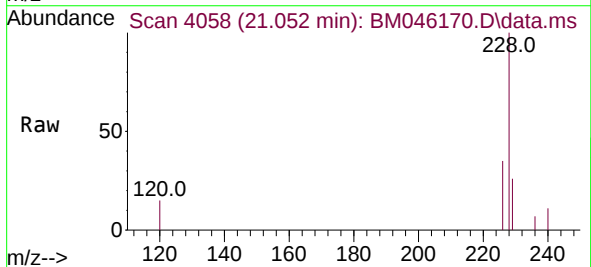
Manual Integrations
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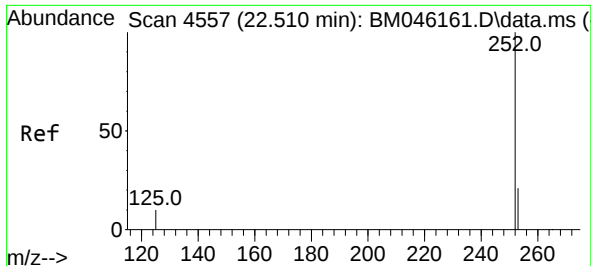
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

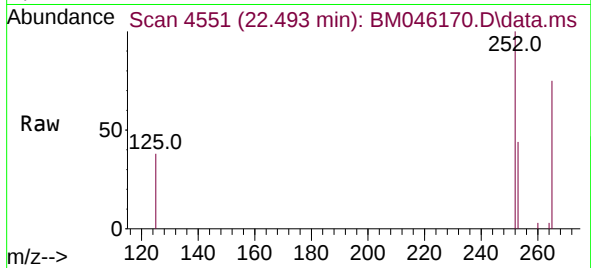
Tgt Ion:228 Resp: 4852
Ion Ratio Lower Upper
228 100
226 34.7 25.2 37.8
229 26.4 16.3 24.5#





#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.027 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

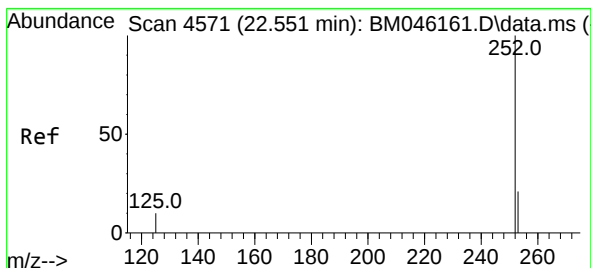
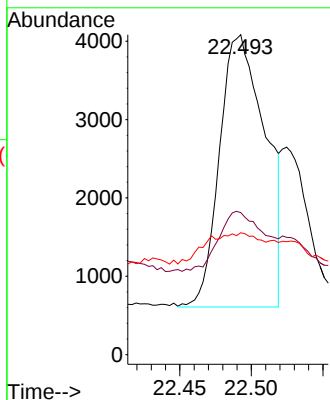
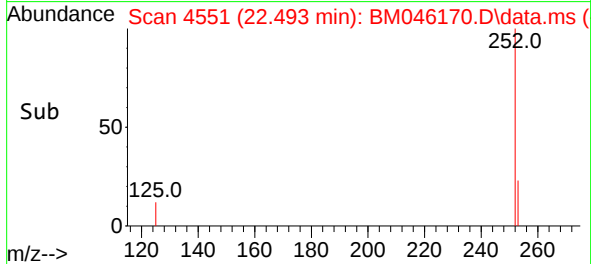
Instrument :
BNA_M
ClientSampleId :
A4BQ7



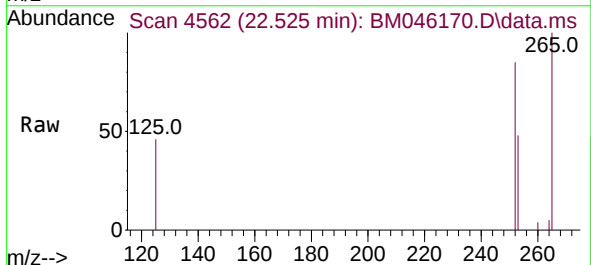
Tgt Ion:252 Resp: 772
Ion Ratio Lower Upper
252 100
253 44.4 0.0 65.8
125 38.1 0.0 40.2

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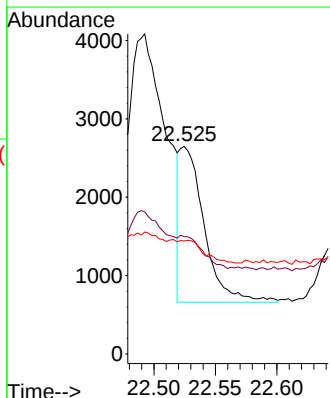
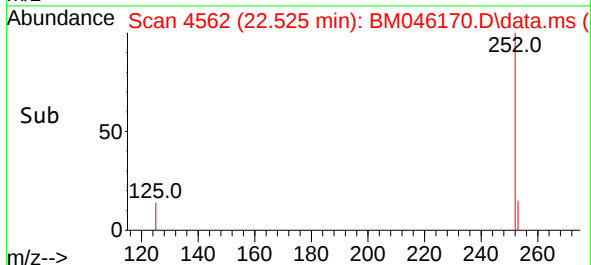
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

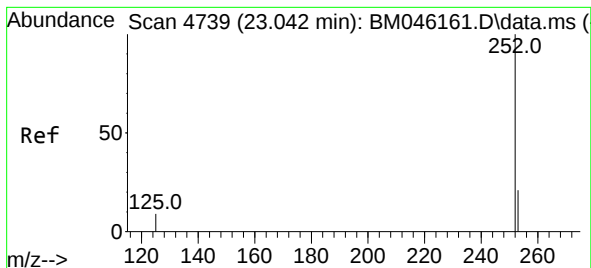


#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.039 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19



Tgt Ion:252 Resp: 2748
Ion Ratio Lower Upper
252 100
253 56.5 27.2 40.8#
125 54.4 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.220 ng/ul

RT: 23.013 min Scan# 41

Delta R.T. -0.042 min

Lab File: BM046170.D

Acq: 21 Jun 2024 21:19

Instrument :

BNM_M

ClientSampleId :

A4BQ7

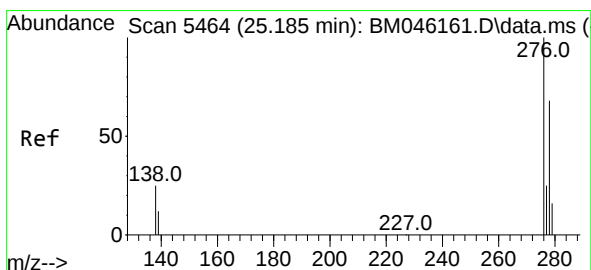
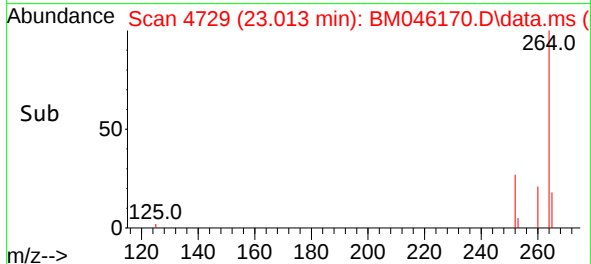
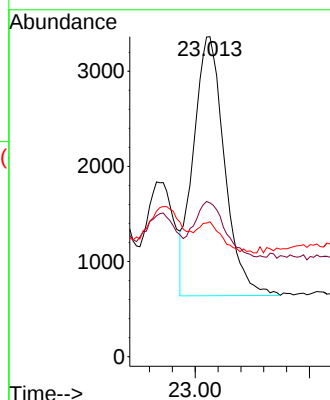
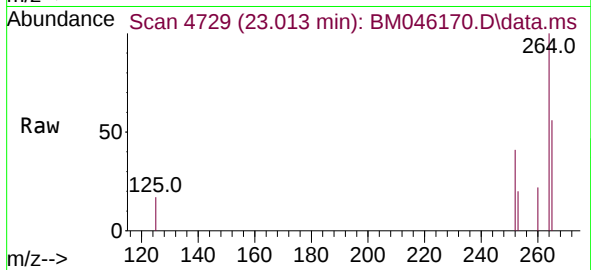
Tgt Ion:	252	Resp:	514
Ion Ratio	Lower	Upper	
252	100		
253	48.1	32.1	48.1
125	42.2	21.2	31.8

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

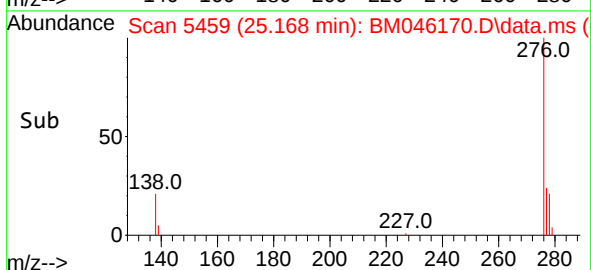
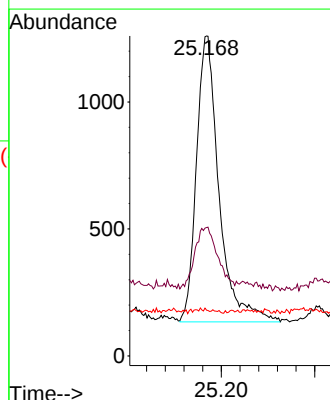
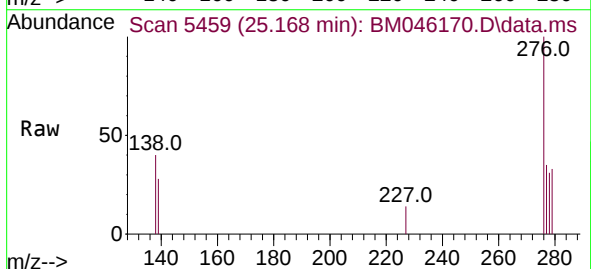
RT: 25.168 min Scan# 5459

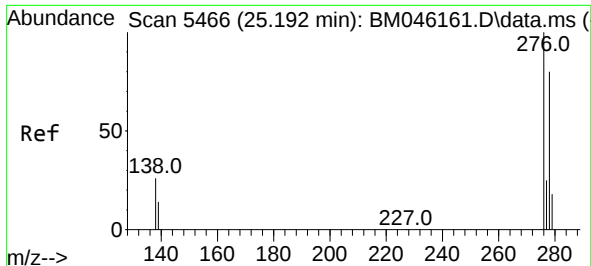
Delta R.T. -0.034 min

Lab File: BM046170.D

Acq: 21 Jun 2024 21:19

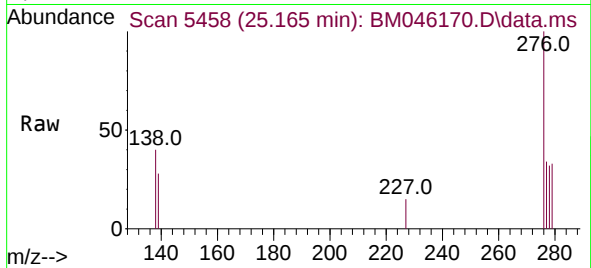
Tgt Ion:	276	Resp:	3777
Ion Ratio	Lower	Upper	
276	100		
138	22.3	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.165 min Scan# 5466
Delta R.T. -0.051 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19

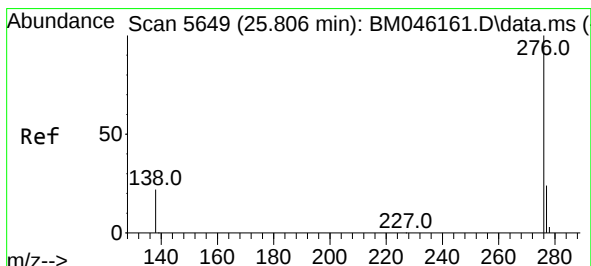
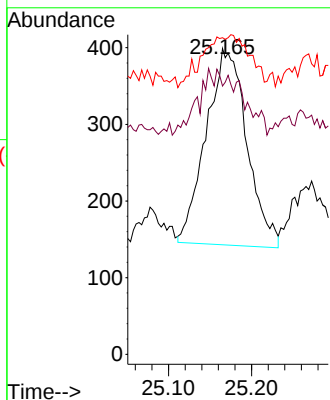
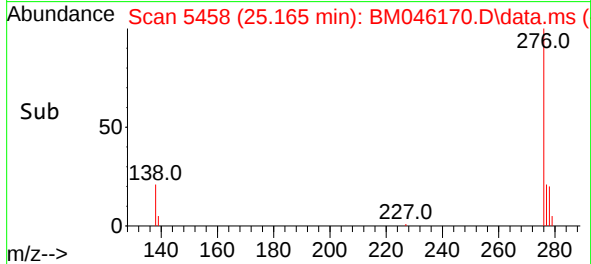
Instrument :
BNA_M
ClientSampleId :
A4BQ7



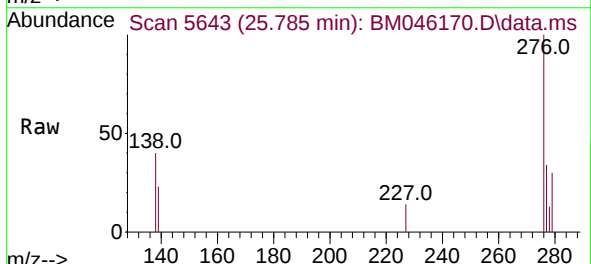
Tgt Ion:278 Resp: 872
Ion Ratio Lower Upper
278 100
139 87.7 17.6 26.4#
279 103.5 26.3 39.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.121 ng/ul
RT: 25.785 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046170.D
Acq: 21 Jun 2024 21:19



Tgt Ion:276 Resp: 3980
Ion Ratio Lower Upper
276 100
138 39.8 21.7 32.5#
277 34.3 20.4 30.6#

