

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046166.D
 Acq On : 21 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2754-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ5

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 22:27:34 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	2335	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	7037	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.070	164	3896	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.811	188	8405m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240	7417m	0.400	ng/ul	-0.03
23) Perylene-d12	23.107	264	7953m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	12787	3.991	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.820	152	2690	0.285	ng/ul	-0.04
18) Fluoranthene-d10	18.847	212	6184	0.278	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	900	0.046	ng/ul#	75
7) 2-Methylnaphthalene	11.892	142	311	0.028	ng/ul	99
10) Acenaphthylene	13.784	152	2027	0.110	ng/ul#	85
11) Acenaphthene	14.131	153	713	0.053	ng/ul#	93
12) Fluorene	15.125	166	880	0.061	ng/ul#	96
15) Phenanthrene	16.853	178	16191m	0.686	ng/ul	
16) Anthracene	16.946	178	3837m	0.218	ng/ul	
19) Fluoranthene	18.875	202	34658	1.079	ng/ul	98
20) Pyrene	19.238	202	34959	1.007	ng/ul	98
21) Benzo(a)anthracene	21.000	228	17882	0.624	ng/ul	97
22) Chrysene	21.053	228	16786	0.459	ng/ul	97
24) Benzo(b)fluoranthene	22.493	252	24859m	0.868	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	9399m	0.276	ng/ul	
26) Benzo(a)pyrene	23.016	252	18104m	0.682	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.165	276	14162	0.326	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.165	278	3060	0.095	ng/ul#	57
29) Benzo(g,h,i)perylene	25.782	276	15244	0.409	ng/ul	98

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

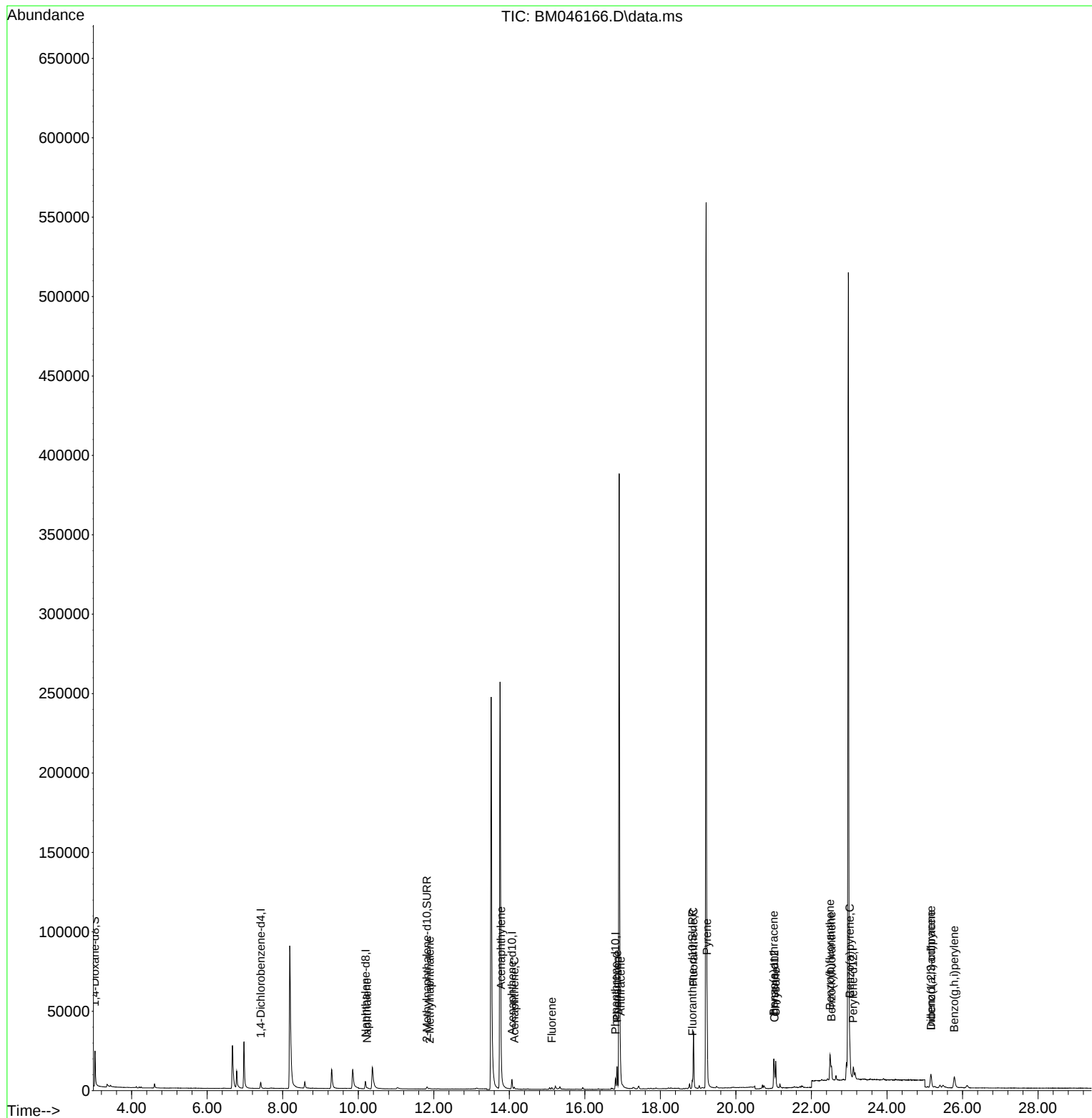
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046166.D
Acq On : 21 Jun 2024 18:52
Operator : MA/JU
Sample : P2754-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

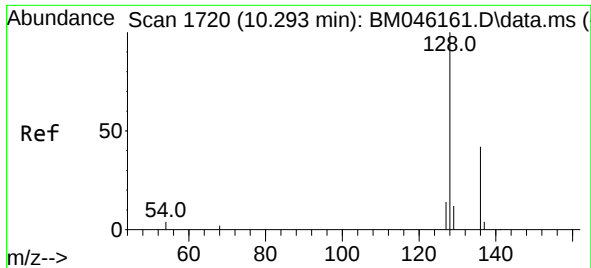
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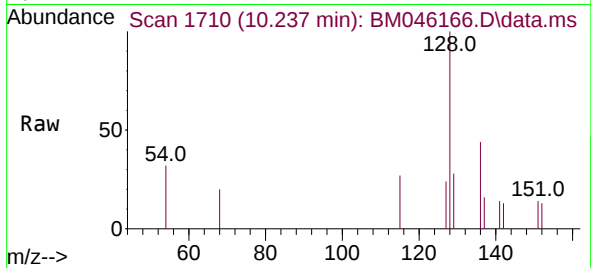
Quant Time: Jun 21 22:27:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.237 min Scan# 1710
Delta R.T. -0.066 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

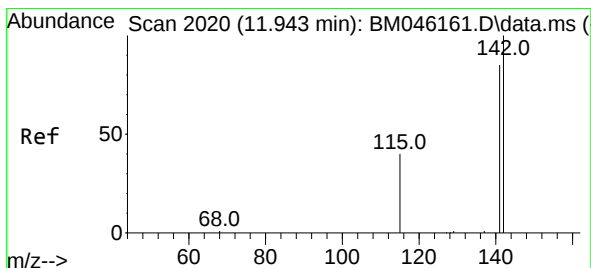
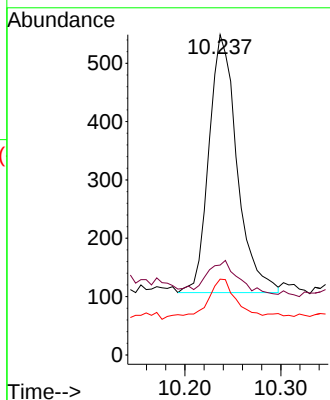
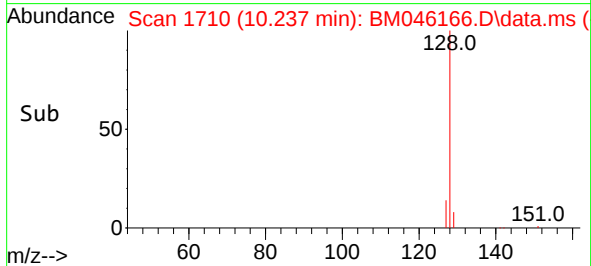
Instrument :
BNA_M
ClientSampleId :
A4BQ5



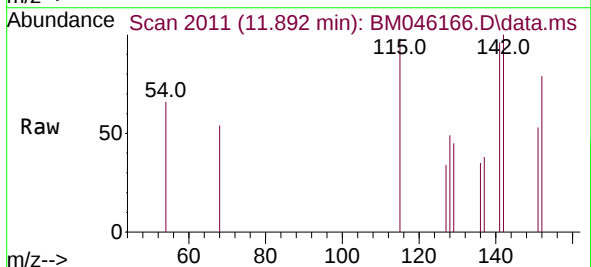
Tgt Ion:128 Resp: 900
Ion Ratio Lower Upper
128 100
129 28.1 11.8 17.6
127 23.7 12.8 19.2

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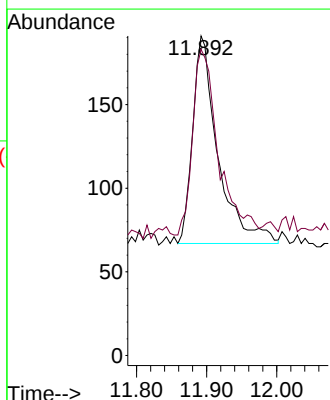
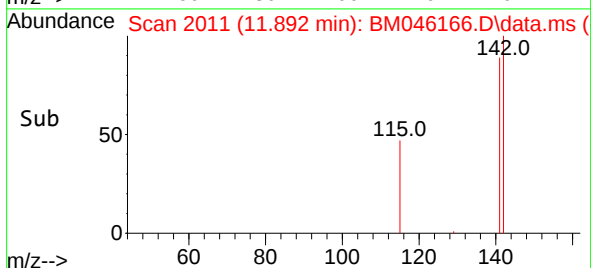
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

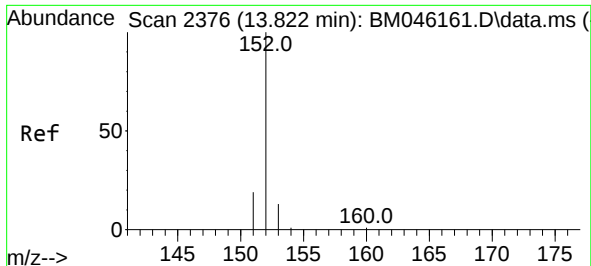


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.892 min Scan# 2011
Delta R.T. -0.055 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52



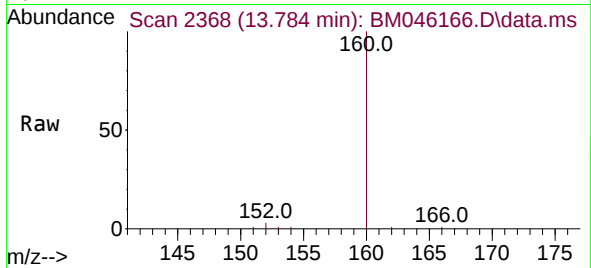
Tgt Ion:142 Resp: 311
Ion Ratio Lower Upper
142 100
141 92.6 74.6 111.8





#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 13.784 min Scan# 21
Delta R.T. -0.051 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

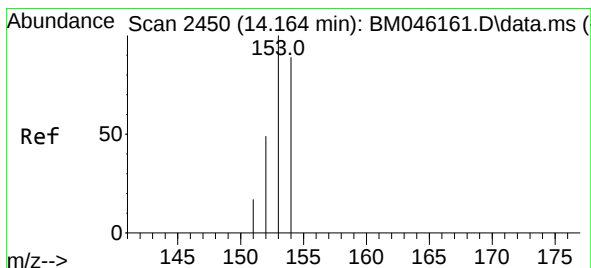
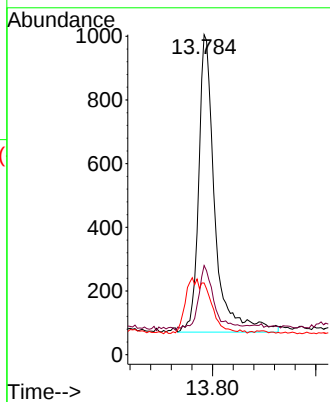
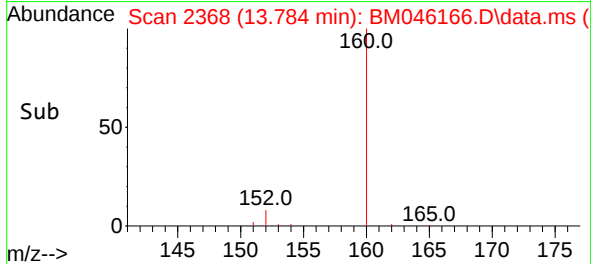
Instrument :
BNA_M
ClientSampleId :
A4BQ5



Tgt Ion:152 Resp: 202
Ion Ratio Lower Upper
152 100
151 27.9 17.4 26.2
153 22.4 11.8 17.8

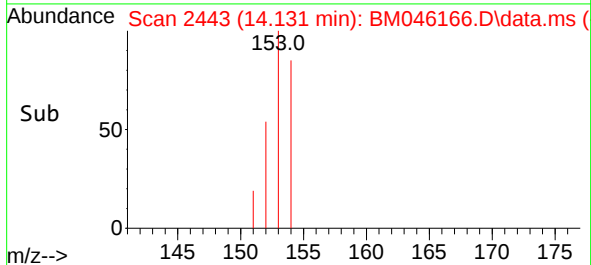
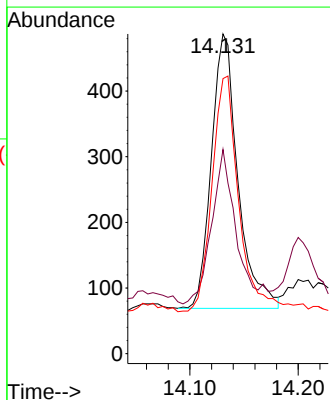
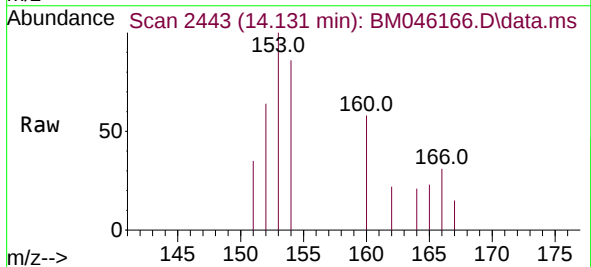
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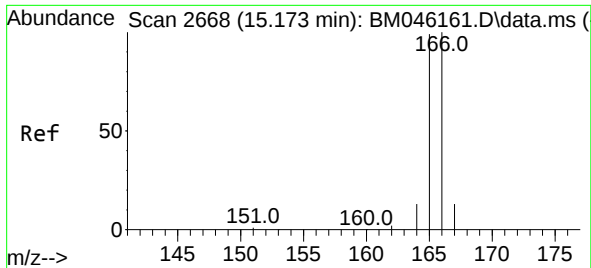
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

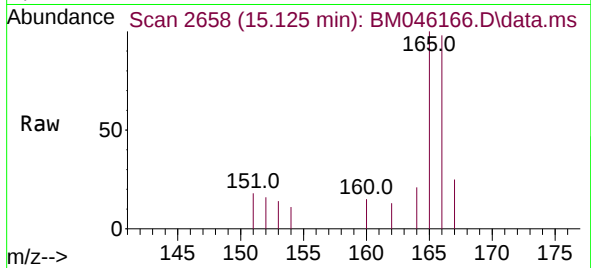
Tgt Ion:153 Resp: 713
Ion Ratio Lower Upper
153 100
152 63.9 41.3 61.9
154 86.0 68.2 102.4





#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.125 min Scan# 2068
Delta R.T. -0.056 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

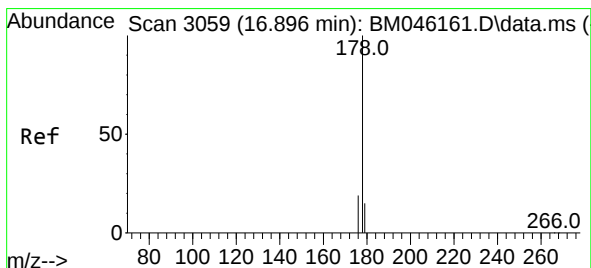
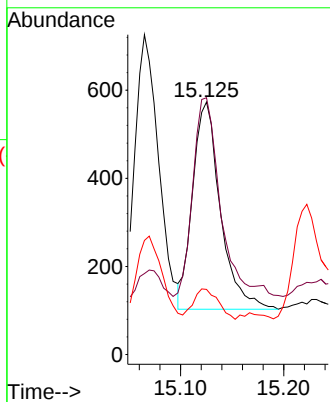
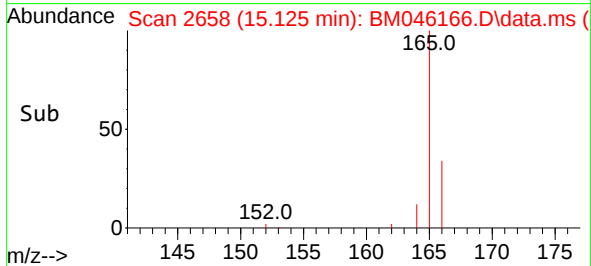
Instrument :
BNA_M
ClientSampleId :
A4BQ5



Tgt Ion:166 Resp: 880
Ion Ratio Lower Upper
166 100
165 101.7 80.4 120.6
167 25.8 12.4 18.6

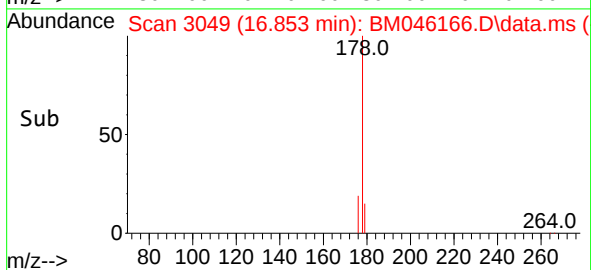
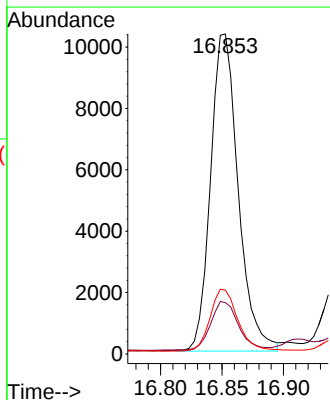
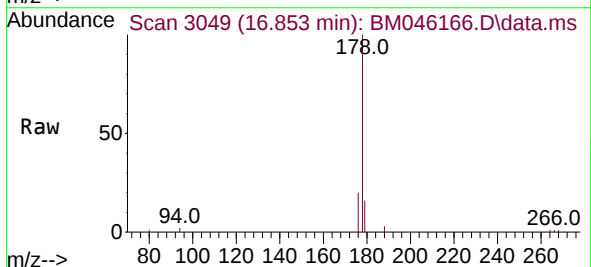
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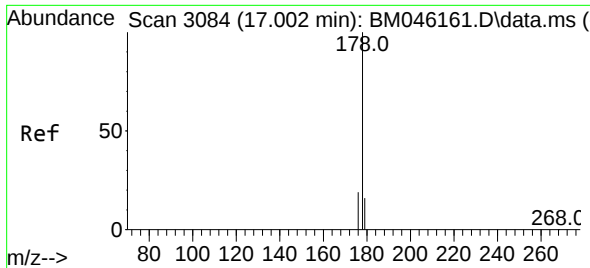
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 0.686 ng/ul m
RT: 16.853 min Scan# 3049
Delta R.T. -0.051 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

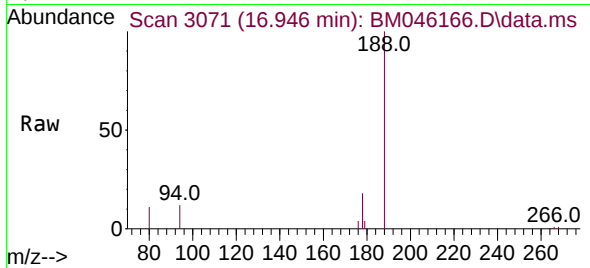
Tgt Ion:178 Resp: 16191
Ion Ratio Lower Upper
178 100
179 16.0 14.2 21.2
176 19.9 17.1 25.7





#16
Anthracene
Concen: 0.218 ng/ul m
RT: 16.946 min Scan# 3084
Delta R.T. -0.059 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

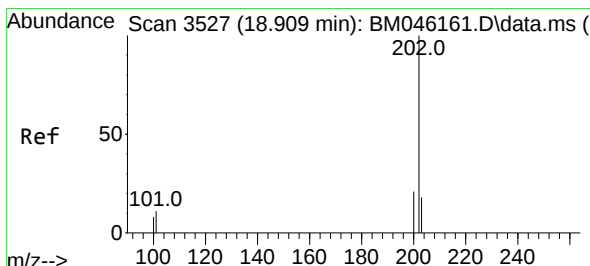
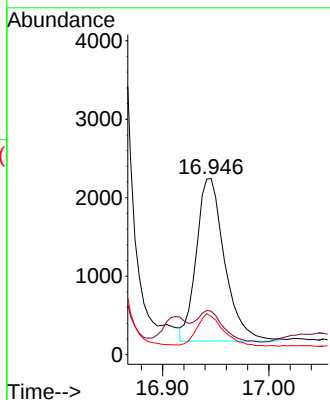
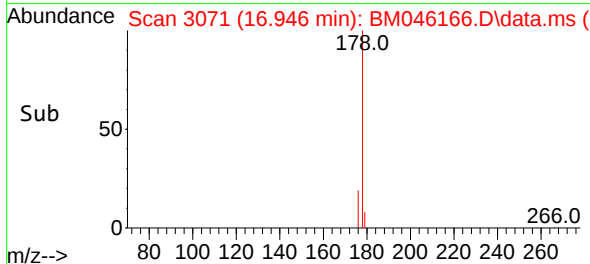
Instrument :
BNA_M
ClientSampleId :
A4BQ5



Tgt Ion:178 Resp: 383
Ion Ratio Lower Upper
178 100
179 24.7 14.9 22.3
176 21.7 17.0 25.4

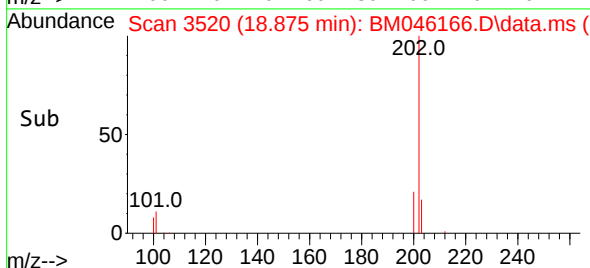
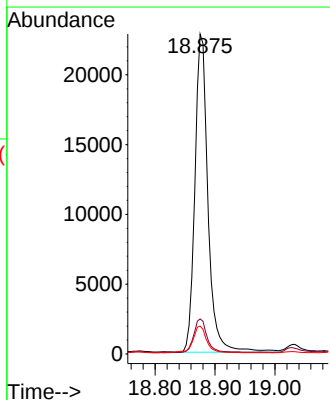
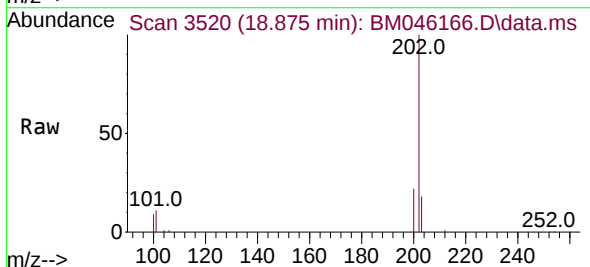
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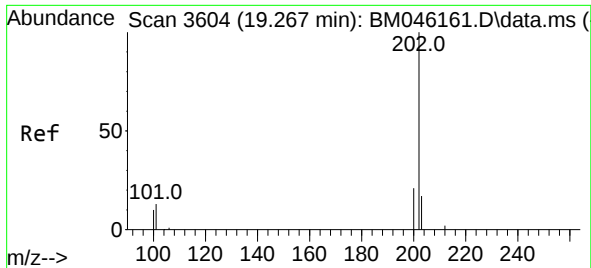
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#19
Fluoranthene
Concen: 1.079 ng/ul
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

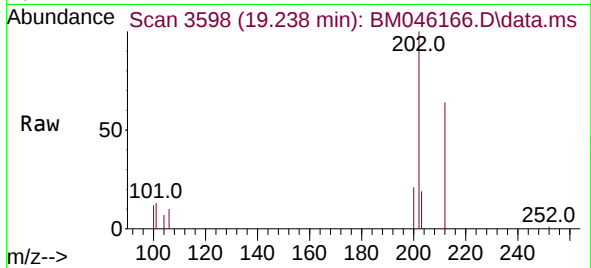
Tgt Ion:202 Resp: 34658
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.7 7.6 11.4





#20
Pyrene
Concen: 1.007 ng/u1
RT: 19.238 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

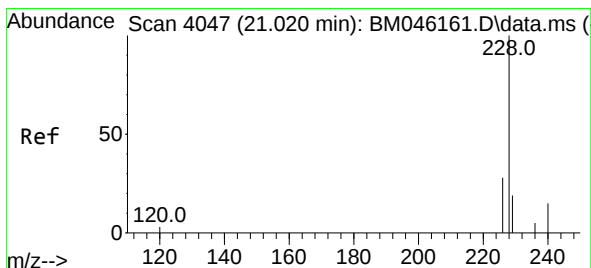
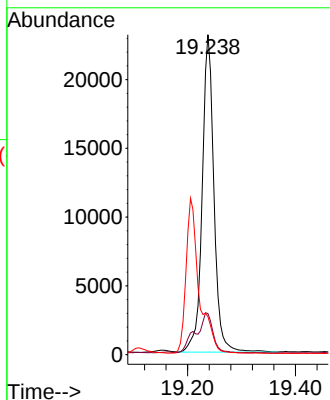
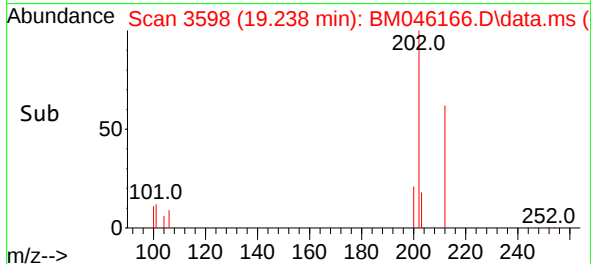
Instrument :
BNA_M
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A4BQ5



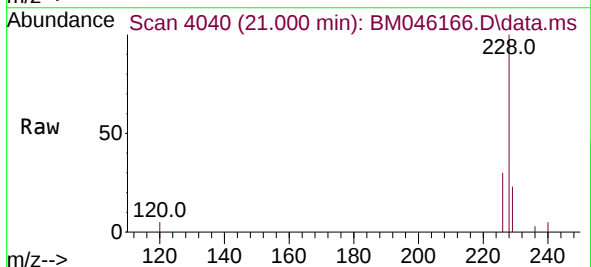
Tgt Ion:202 Resp: 3495
Ion Ratio Lower Upper
202 100
101 12.9 11.3 16.9
100 11.9 9.8 14.6

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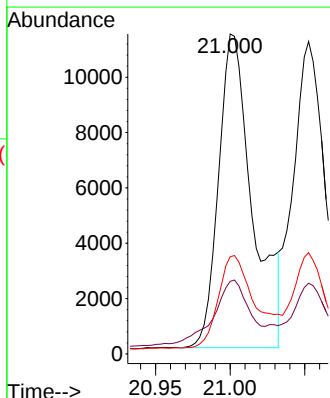
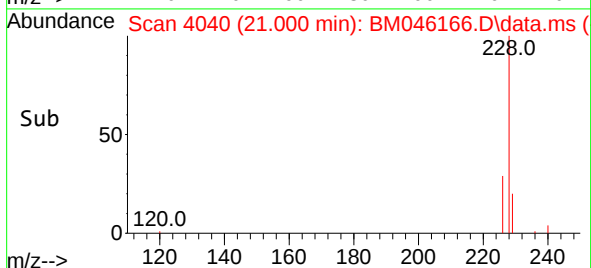
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

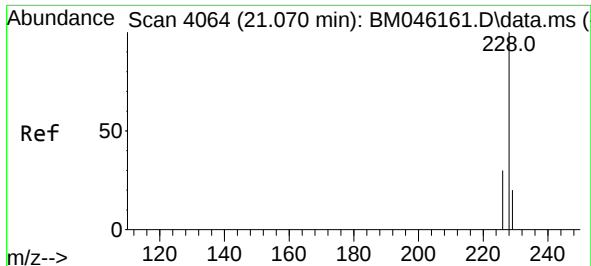


#21
Benzo(a)anthracene
Concen: 0.624 ng/u1
RT: 21.000 min Scan# 4040
Delta R.T. -0.029 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52



Tgt Ion:228 Resp: 17882
Ion Ratio Lower Upper
228 100
229 22.7 16.4 24.6
226 30.4 23.4 35.2





#22

Chrysene

Concen: 0.459 ng/ul

RT: 21.053 min Scan# 4058

Delta R.T. -0.023 min

Lab File: BM046166.D

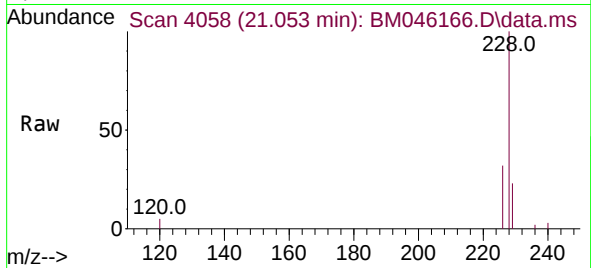
Acq: 21 Jun 2024 18:52

Instrument :

BNA_M

ClientSampleId :

A4BQ5



Tgt Ion:228 Resp: 16780

Ion Ratio Lower Upper

228 100

226 32.4 25.2 37.8

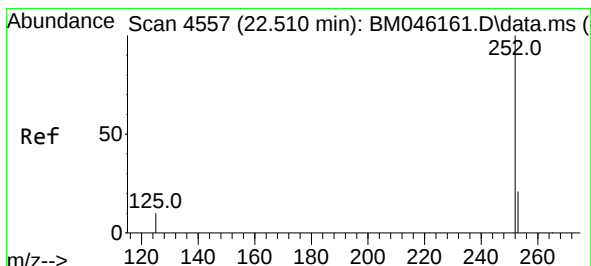
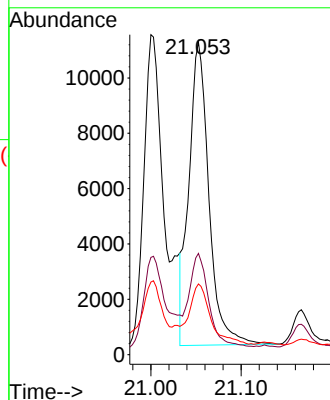
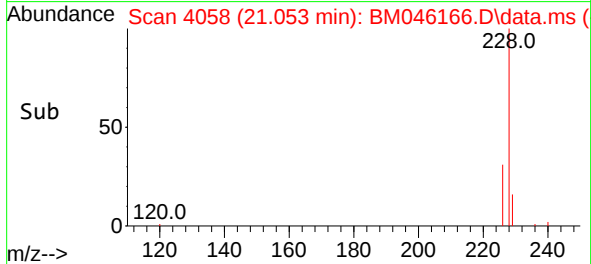
229 22.6 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#24

Benzo(b)fluoranthene

Concen: 0.868 ng/ul m

RT: 22.493 min Scan# 4551

Delta R.T. -0.026 min

Lab File: BM046166.D

Acq: 21 Jun 2024 18:52

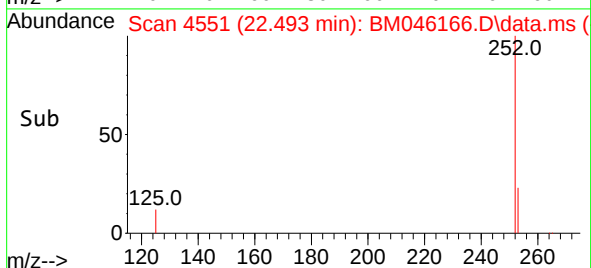
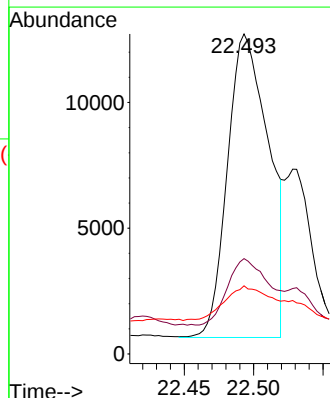
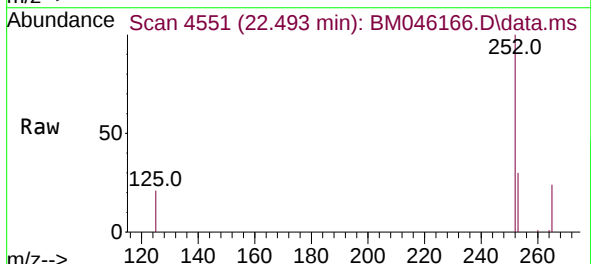
Tgt Ion:252 Resp: 24859

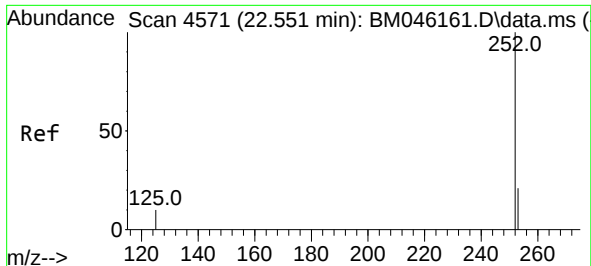
Ion Ratio Lower Upper

252 100

253 29.8 0.0 65.8

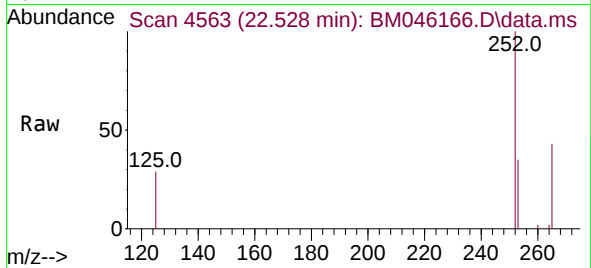
125 21.3 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.276 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

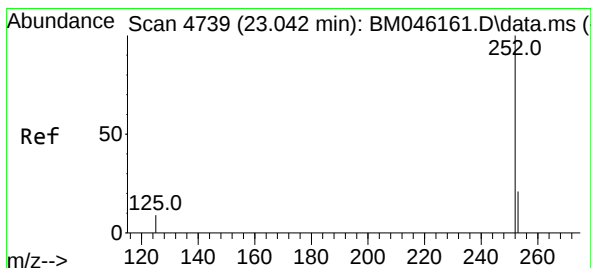
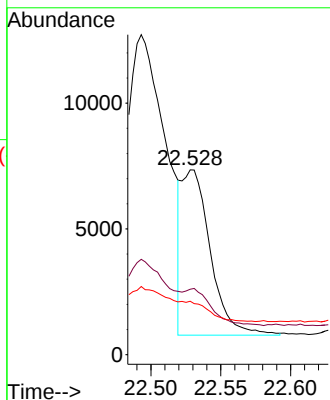
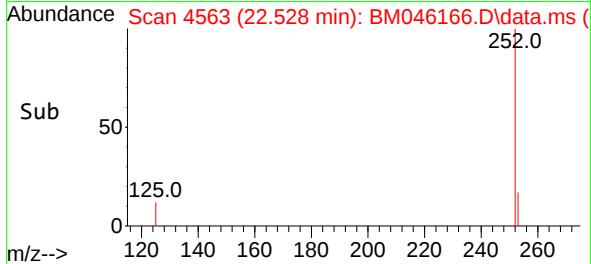
Instrument :
BNA_M
ClientSampleId :
A4BQ5



Tgt Ion:252 Resp: 9399
Ion Ratio Lower Upper
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253 35.5 27.2 40.8
125 29.0 16.6 25.0

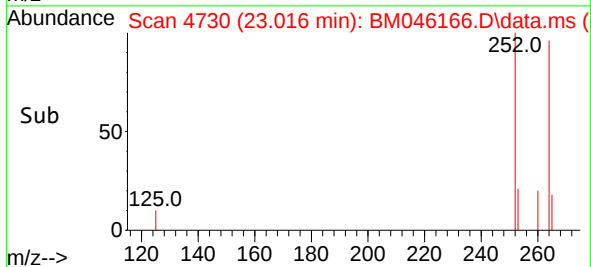
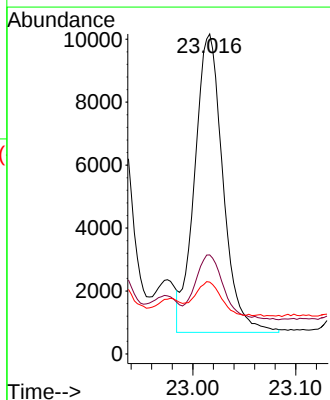
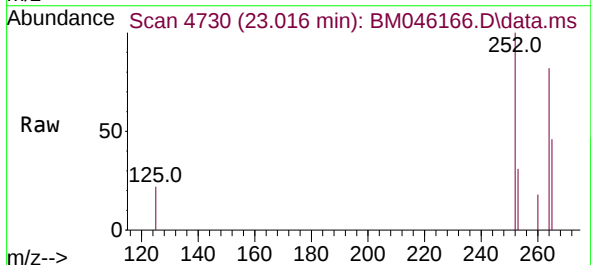
Manual Integrations
APPROVED

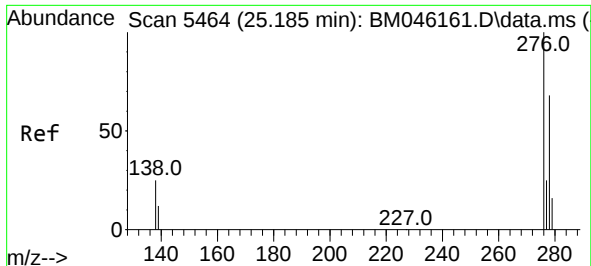
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#26
Benzo(a)pyrene
Concen: 0.682 ng/ul m
RT: 23.016 min Scan# 4730
Delta R.T. -0.038 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

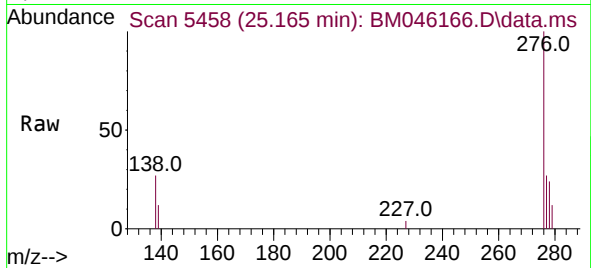
Tgt Ion:252 Resp: 18104
Ion Ratio Lower Upper
252 100
253 31.0 32.1 48.1#
125 22.4 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.037 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

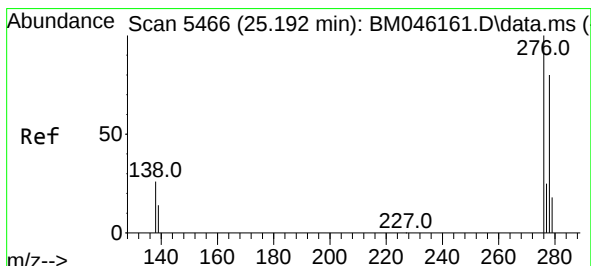
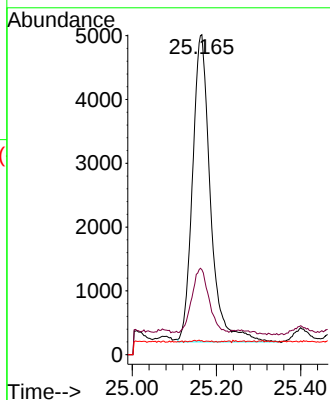
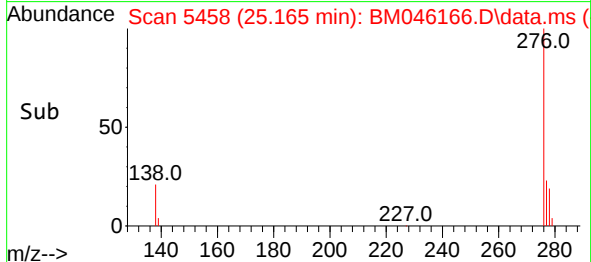
Instrument :
BNA_M
ClientSampleId :
A4BQ5



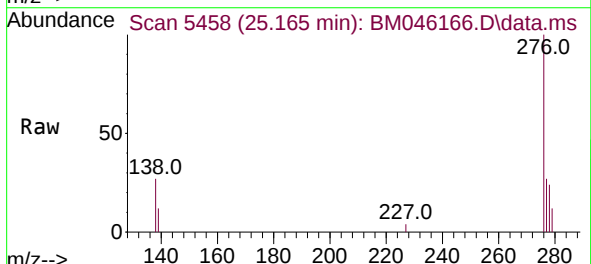
Tgt Ion:276 Resp: 1416
Ion Ratio Lower Upper
276 100
138 20.2 21.0 31.4#
227 0.1 0.0 0.0#

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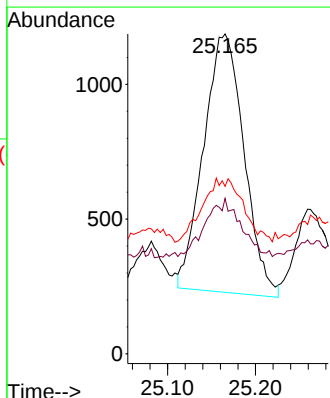
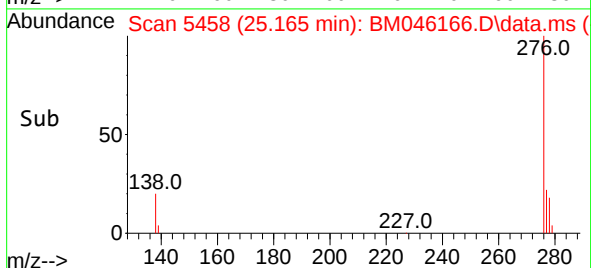
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

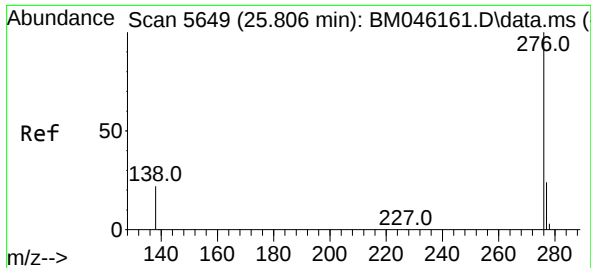


#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.050 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52



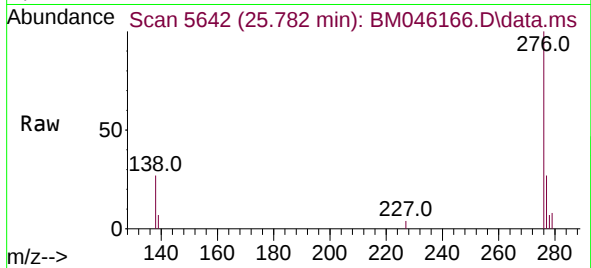
Tgt Ion:278 Resp: 3060
Ion Ratio Lower Upper
278 100
139 48.6 17.6 26.4#
279 52.4 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 25.782 min Scan# 50
Delta R.T. -0.047 min
Lab File: BM046166.D
Acq: 21 Jun 2024 18:52

Instrument :
BNA_M
ClientSampleId :
A4BQ5



Tgt Ion:276 Resp: 1524
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 27.2 20.4 30.6

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

