

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046168.D
 Acq On : 21 Jun 2024 20:06
 Operator : MA/JU
 Sample : P2754-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BQ4

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 22:27:54 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	2573	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	7479	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	4101	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188	8732m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.011	240	6925m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	7768m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	14048	3.979	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.805	152	3102	0.309	ng/ul	-0.06
18) Fluoranthene-d10	18.844	212	7056	0.340	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.238	128	2599	0.125	ng/ul#	95
7) 2-Methylnaphthalene	11.882	142	822	0.070	ng/ul	96
8) 1-Methylnaphthalene	12.102	142	724	0.056	ng/ul	99
10) Acenaphthylene	13.785	152	3588	0.184	ng/ul#	93
11) Acenaphthene	14.127	153	3274	0.233	ng/ul	97
12) Fluorene	15.122	166	3770	0.250	ng/ul	99
15) Phenanthrene	16.850	178	68470m	2.791	ng/ul	
16) Anthracene	16.943	178	12550m	0.687	ng/ul	
19) Fluoranthene	18.872	202	131441	4.384	ng/ul	97
20) Pyrene	19.234	202	92572	2.855	ng/ul	97
21) Benzo(a)anthracene	20.994	228	56970	2.130	ng/ul	98
22) Chrysene	21.046	228	58912	1.726	ng/ul	98
24) Benzo(b)fluoranthene	22.487	252	84238m	3.010	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	31307m	0.941	ng/ul	
26) Benzo(a)pyrene	23.010	252	31411m	1.211	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.148	276	32410	0.764	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.152	278	10310	0.326	ng/ul#	87
29) Benzo(g,h,i)perylene	25.772	276	5047	0.139	ng/ul#	72

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

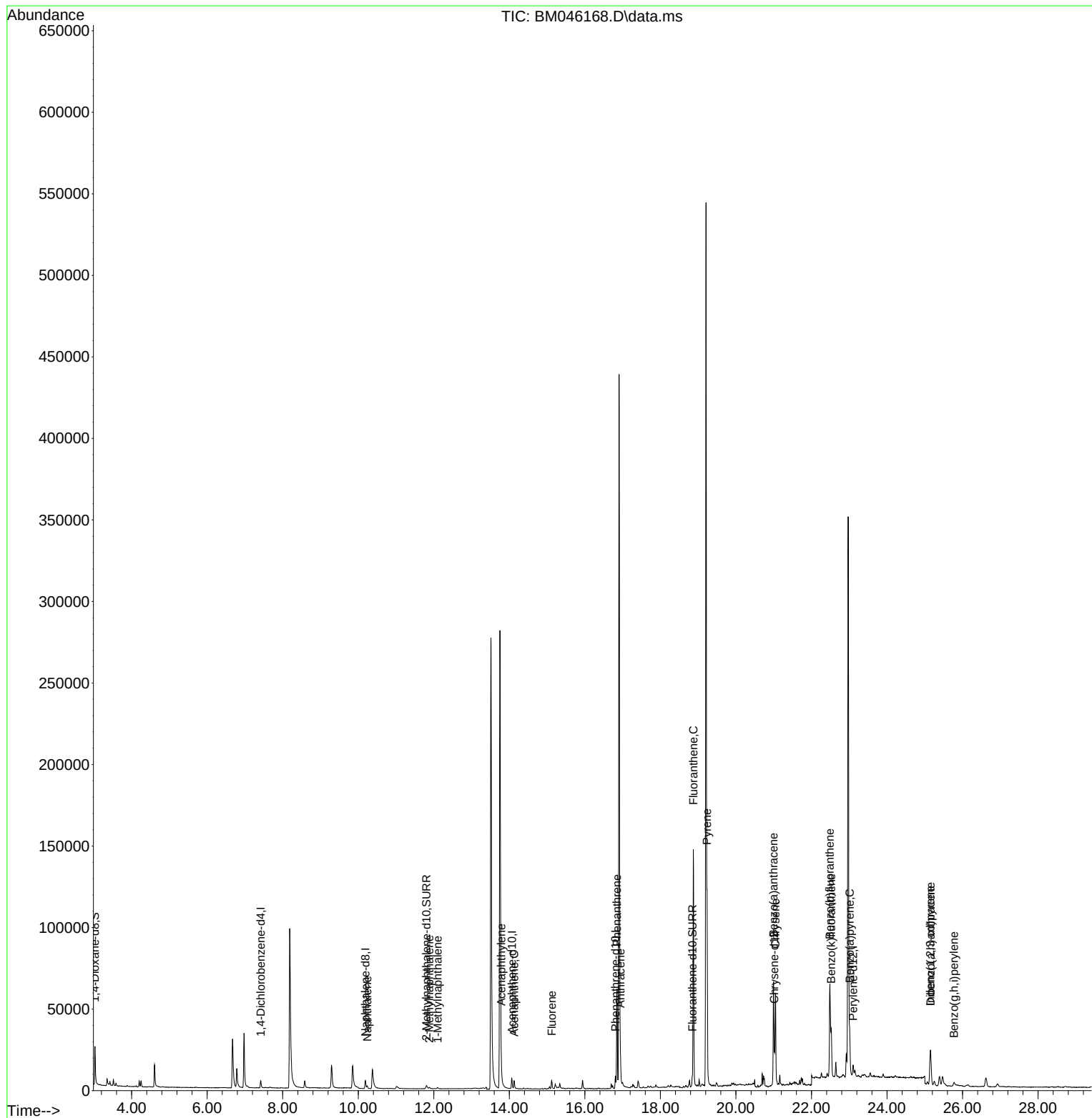
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046168.D
Acq On : 21 Jun 2024 20:06
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Sample : P2754-18
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ALS Vial : 20 Sample Multiplier: 1

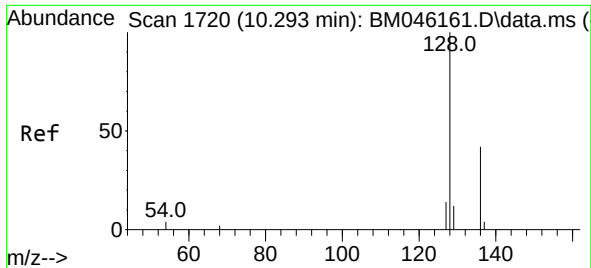
Instrument :
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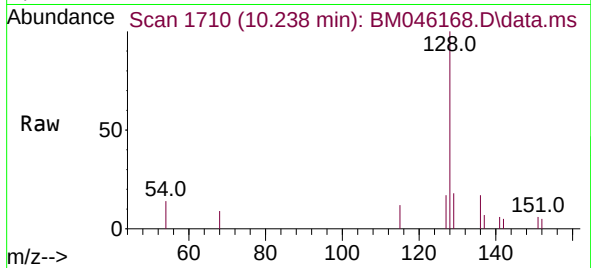
Quant Time: Jun 21 22:27:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.238 min Scan# 1710
Delta R.T. -0.065 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

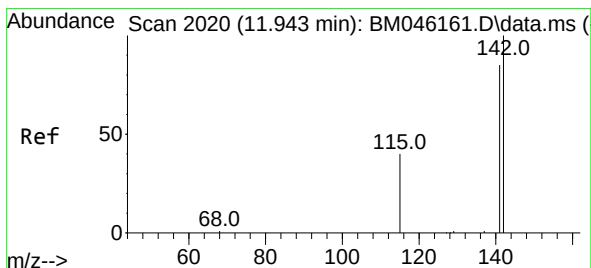
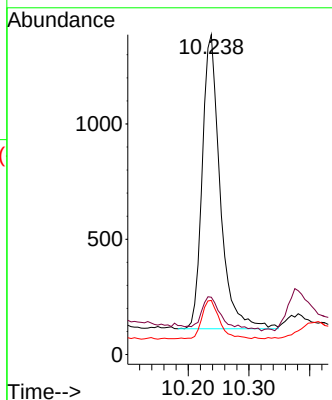
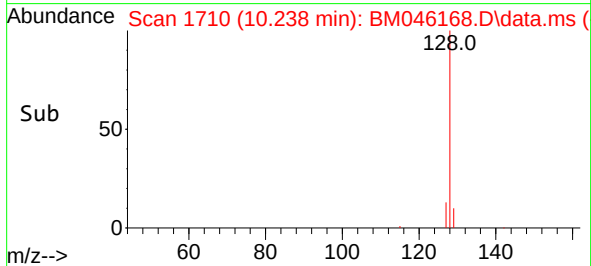
Instrument :
BNA_M
ClientSampleId :
A4BQ4



Tgt Ion:128 Resp: 2599
Ion Ratio Lower Upper
128 100
129 18.0 11.8 17.6
127 16.9 12.8 19.2

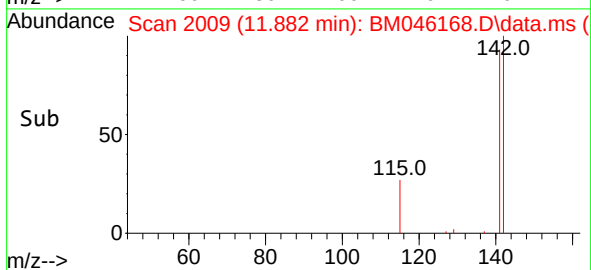
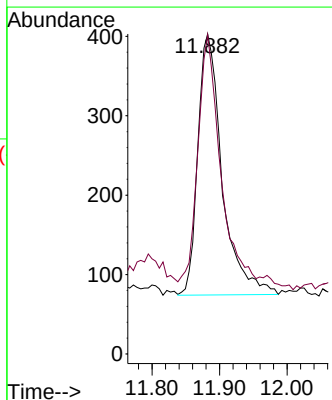
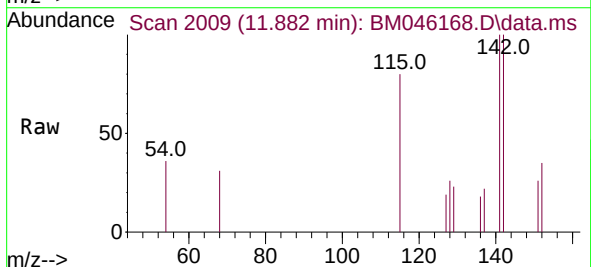
Manual Integrations
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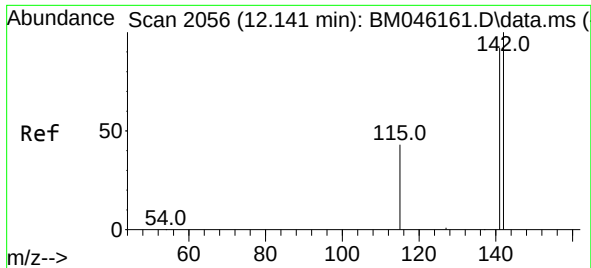
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.065 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

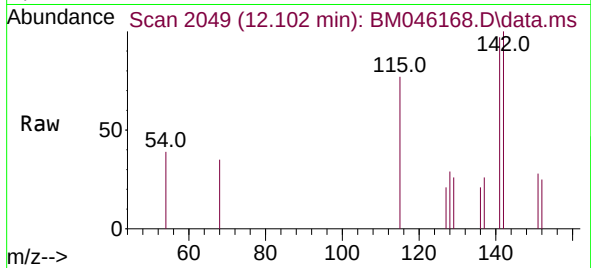
Tgt Ion:142 Resp: 822
Ion Ratio Lower Upper
142 100
141 97.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.102 min Scan# 2049
Delta R.T. -0.048 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

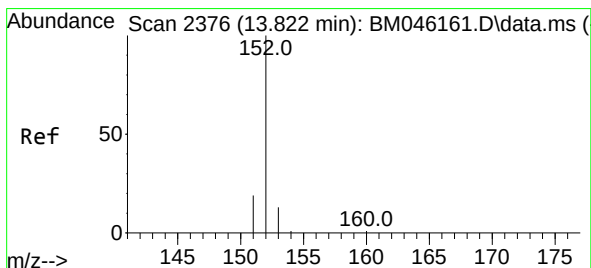
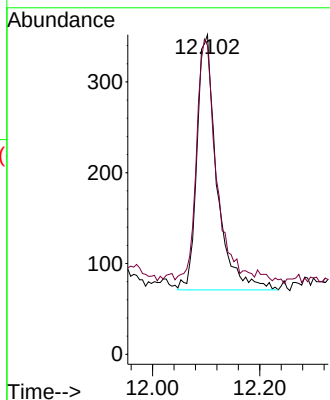
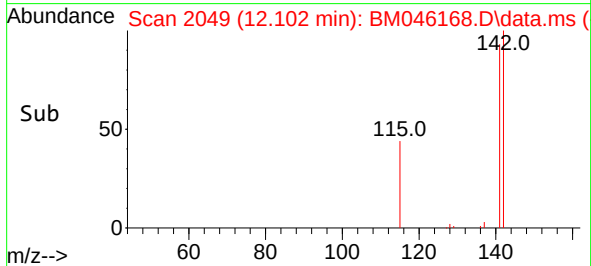
Instrument :
BNA_M
ClientSampleId :
A4BQ4



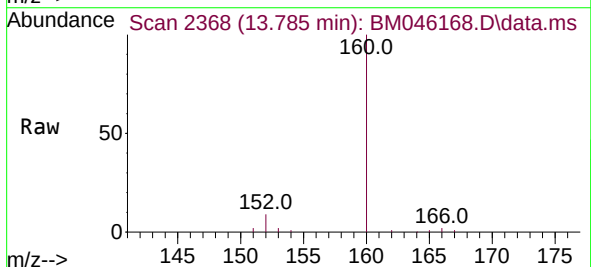
Tgt Ion:142 Resp: 724
Ion Ratio Lower Upper
142 100
141 93.2 75.2 112.8

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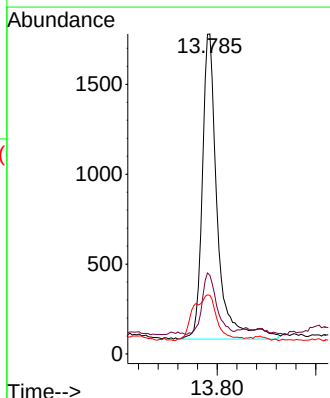
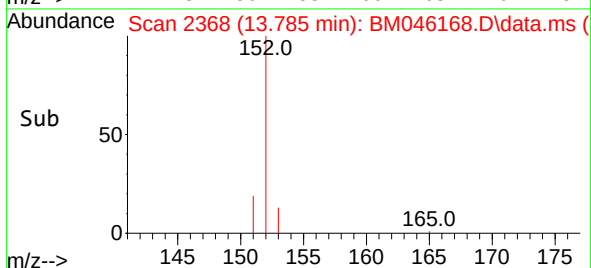
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

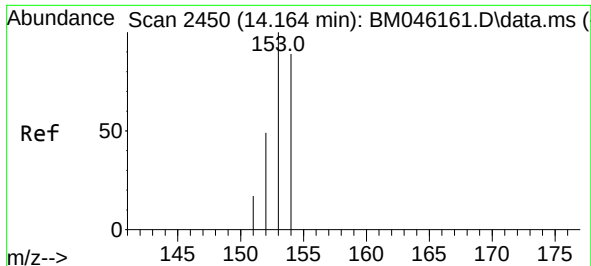


#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 13.785 min Scan# 2368
Delta R.T. -0.050 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06



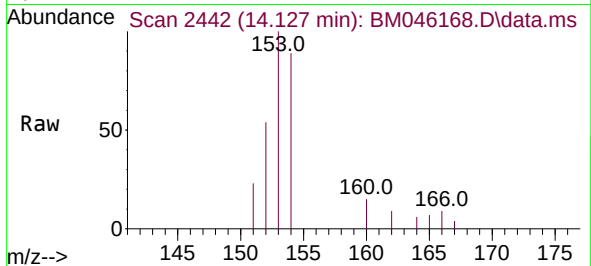
Tgt Ion:152 Resp: 3588
Ion Ratio Lower Upper
152 100
151 24.6 17.4 26.2
153 18.4 11.8 17.8#





#11
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.127 min Scan# 2442
Delta R.T. -0.045 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

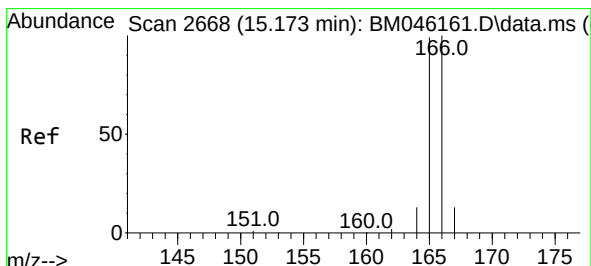
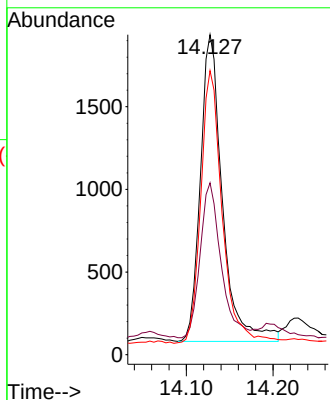
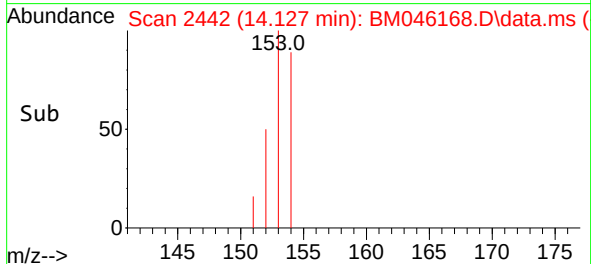
Instrument :
BNA_M
ClientSampleId :
A4BQ4



Tgt Ion:153 Resp: 3274
Ion Ratio Lower Upper
153 100
152 53.7 41.3 61.9
154 88.7 68.2 102.4

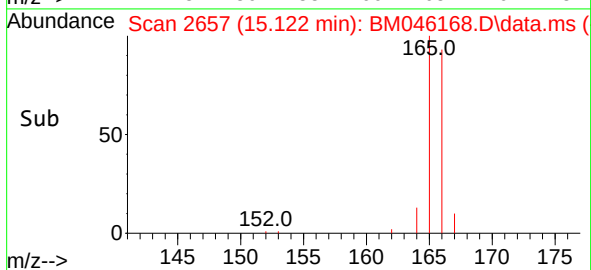
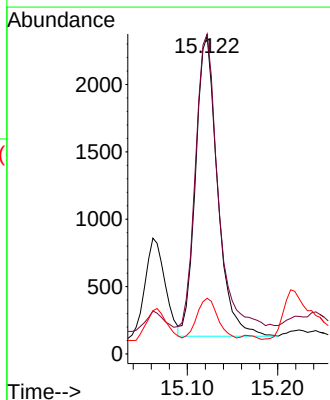
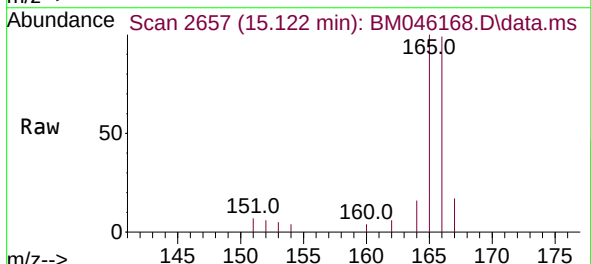
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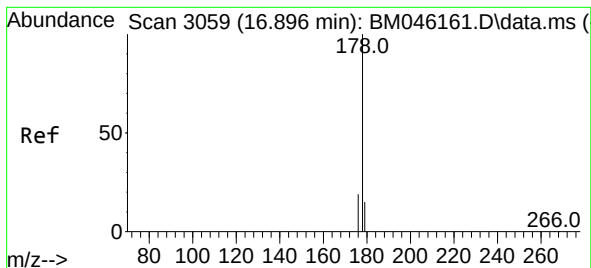
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.250 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

Tgt Ion:166 Resp: 3770
Ion Ratio Lower Upper
166 100
165 100.8 80.4 120.6
167 17.5 12.4 18.6





#15

Phenanthrene

Concen: 2.791 ng/ul m

RT: 16.850 min Scan# 30

Delta R.T. -0.054 min

Lab File: BM046168.D

Acq: 21 Jun 2024 20:06

Instrument :

BNA_M

ClientSampleId :

A4BQ4

Tgt Ion:178 Resp: 68470

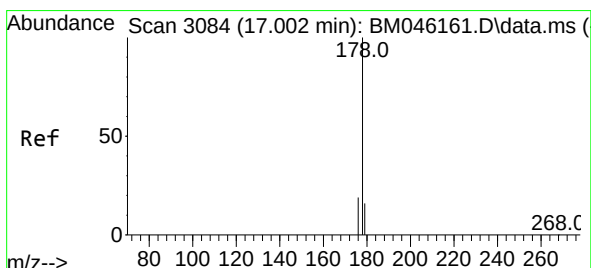
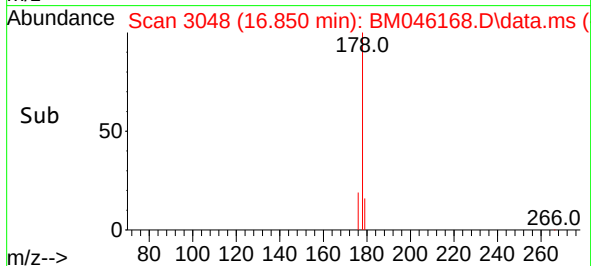
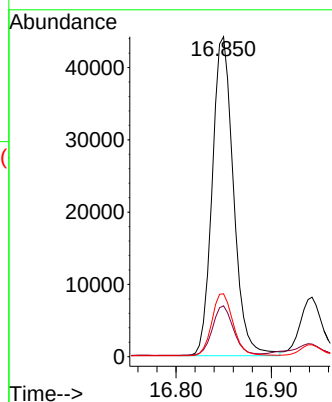
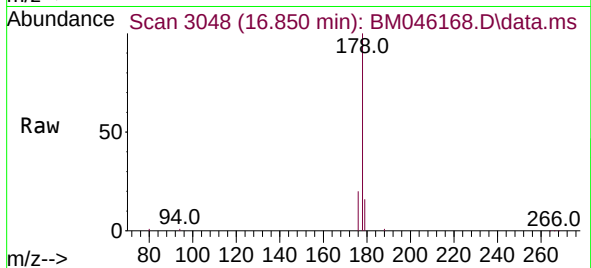
Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.2	21.2
176	19.7	17.1	25.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#16

Anthracene

Concen: 0.687 ng/ul m

RT: 16.943 min Scan# 3070

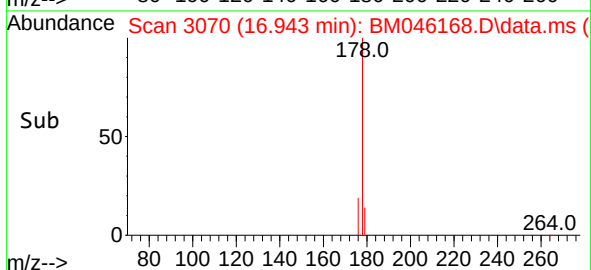
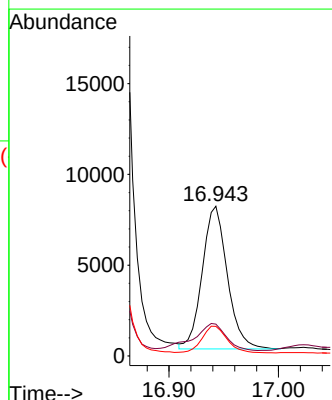
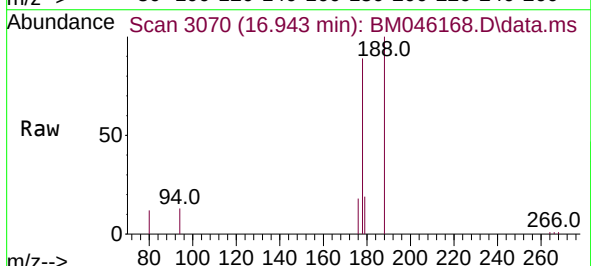
Delta R.T. -0.062 min

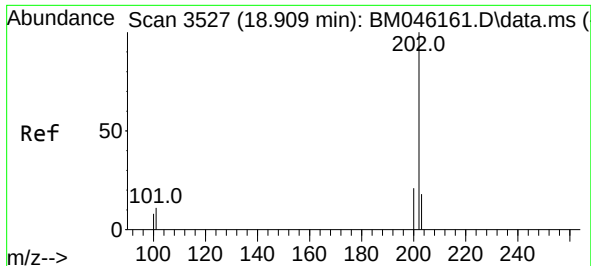
Lab File: BM046168.D

Acq: 21 Jun 2024 20:06

Tgt Ion:178 Resp: 12550

Ion	Ratio	Lower	Upper
178	100		
179	21.3	14.9	22.3
176	19.8	17.0	25.4





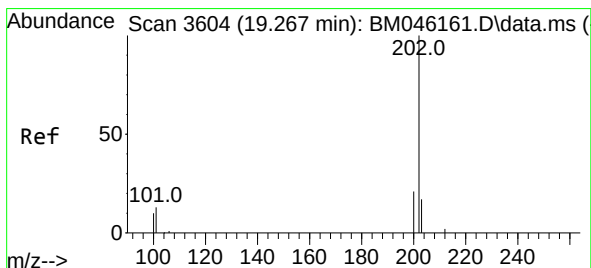
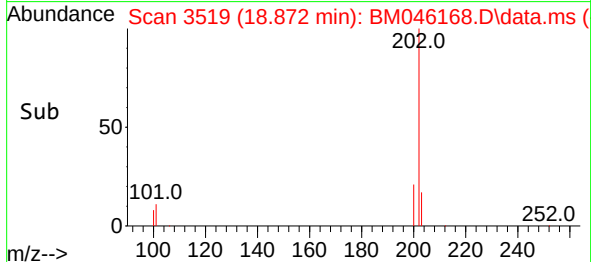
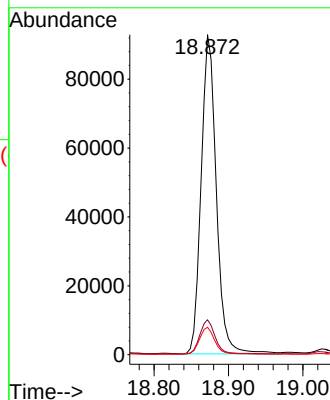
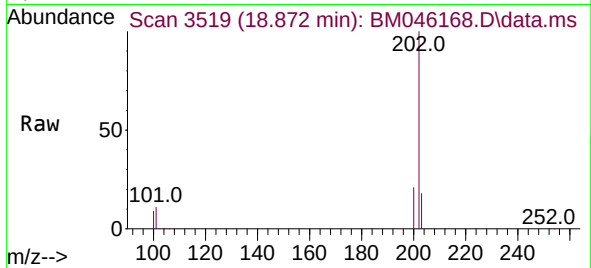
#19
Fluoranthene
Concen: 4.384 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

Instrument :
BNA_M
ClientSampleId :
A4BQ4

Tgt Ion:202 Resp: 13144
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.5 7.6 11.4

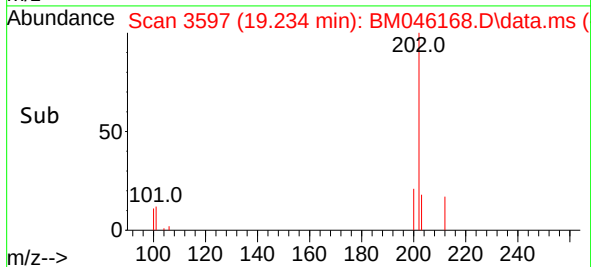
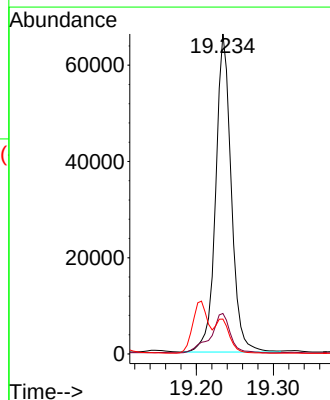
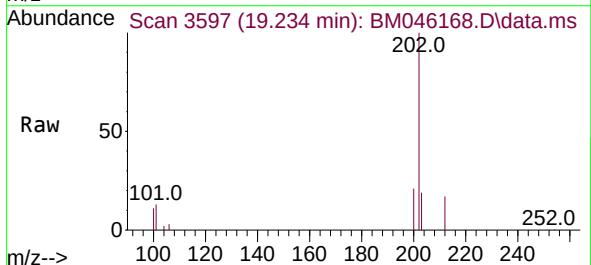
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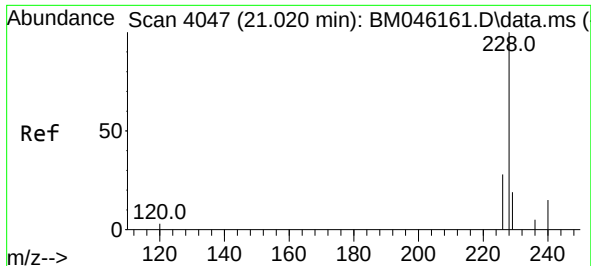
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 2.855 ng/u1
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

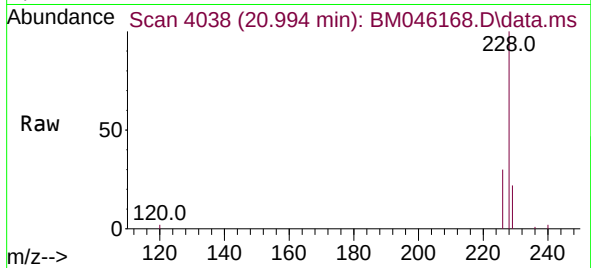
Tgt Ion:202 Resp: 92572
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.130 ng/ul
RT: 20.994 min Scan# 4038
Delta R.T. -0.036 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

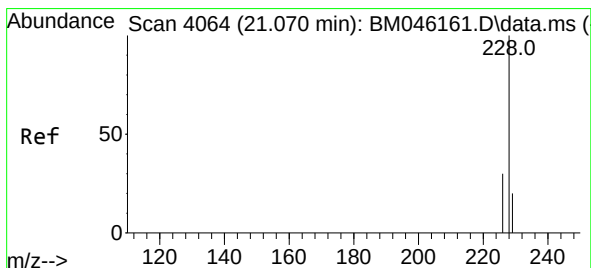
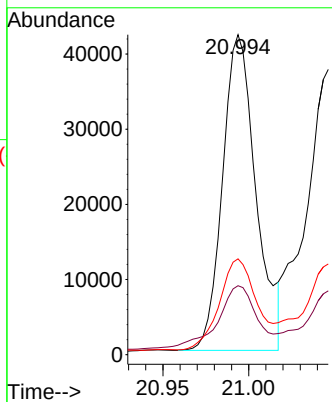
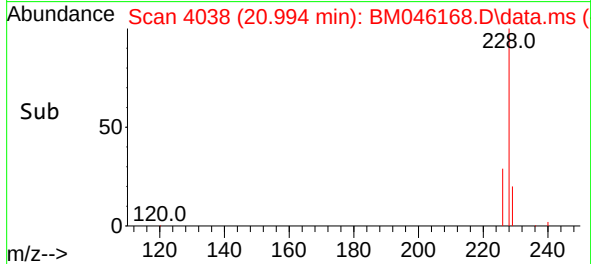
Instrument :
BNA_M
ClientSampleId :
A4BQ4



Tgt Ion:228 Resp: 56970
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 29.9 23.4 35.2

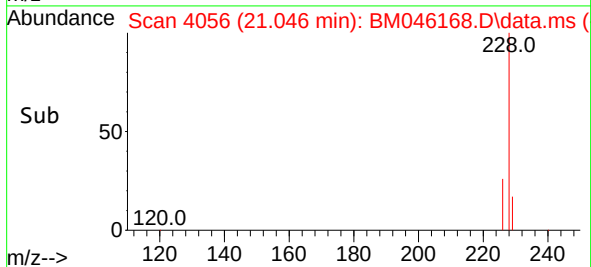
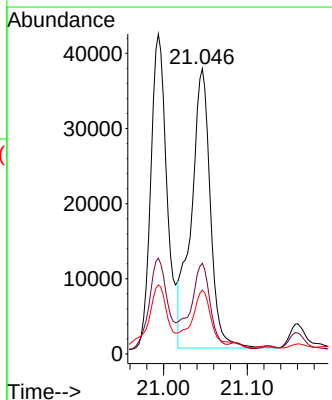
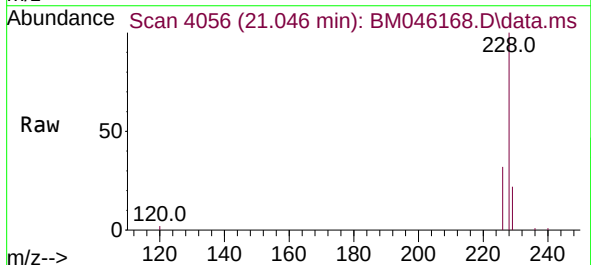
Manual Integrations
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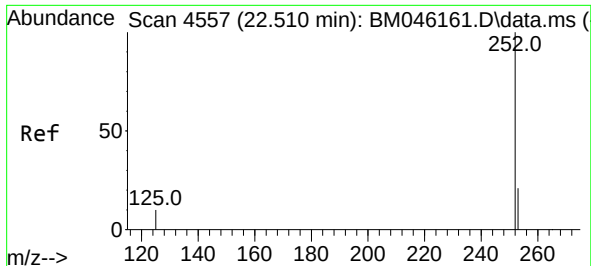
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 1.726 ng/ul
RT: 21.046 min Scan# 4056
Delta R.T. -0.030 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

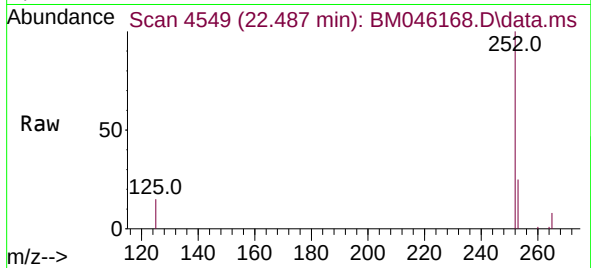
Tgt Ion:228 Resp: 58912
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 22.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.010 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

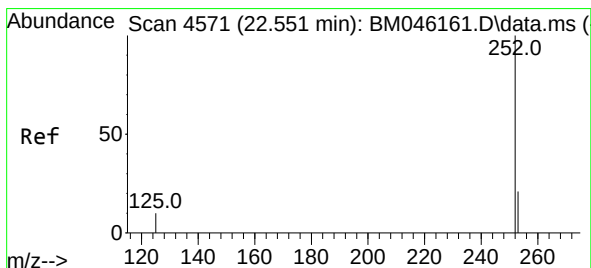
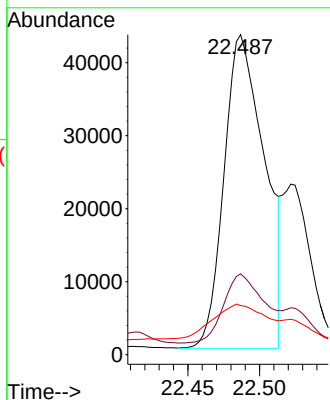
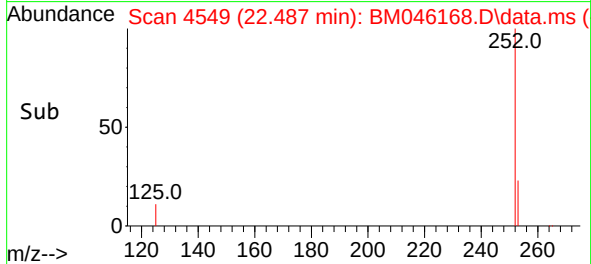
Instrument :
BNA_M
ClientSampleId :
A4BQ4



Tgt Ion:252 Resp: 84238
Ion Ratio Lower Upper
252 100
253 25.3 0.0 65.8
125 15.4 0.0 40.2

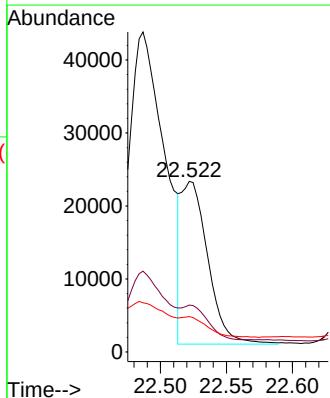
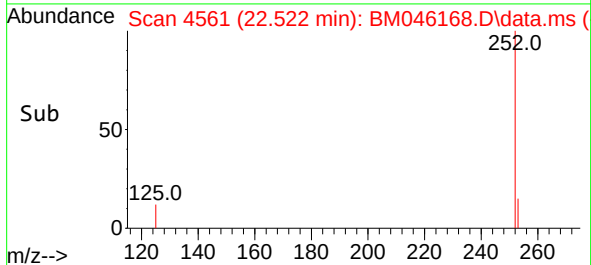
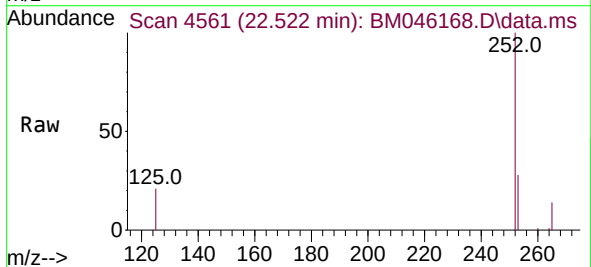
Manual Integrations
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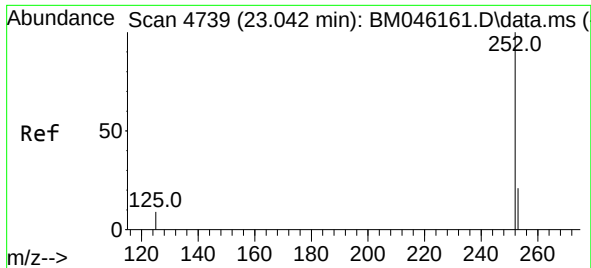
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.941 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

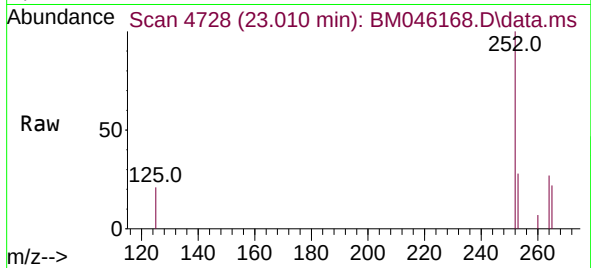
Tgt Ion:252 Resp: 31307
Ion Ratio Lower Upper
252 100
253 27.5 27.2 40.8
125 20.8 16.6 25.0





#26
Benzo(a)pyrene
Concen: 1.211 ng/ul m
RT: 23.010 min Scan# 41
Delta R.T. -0.044 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

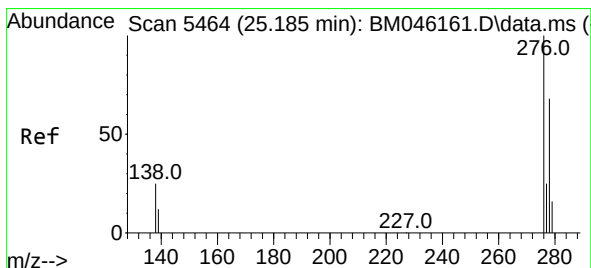
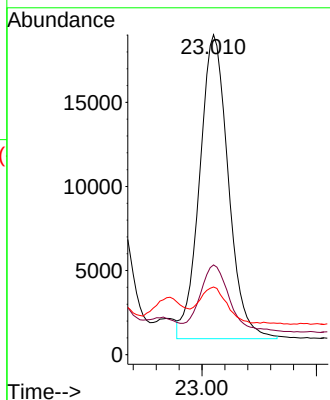
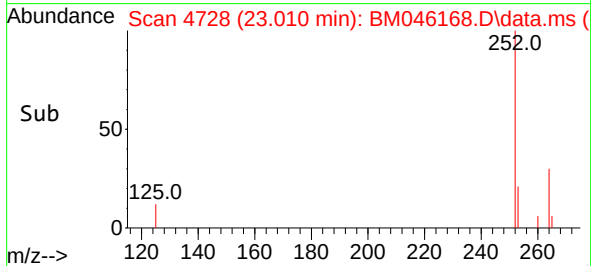
Instrument :
BNA_M
ClientSampleId :
A4BQ4



Tgt Ion:252 Resp: 3141
Ion Ratio Lower Upper
252 100
253 28.0 32.1 48.1
125 21.2 21.2 31.8

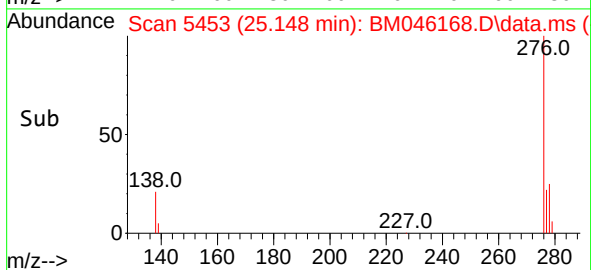
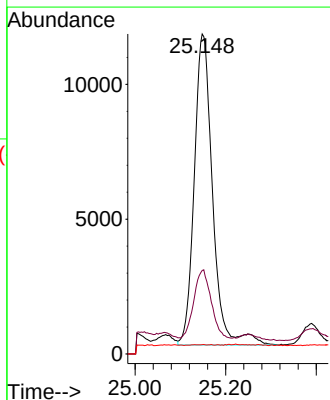
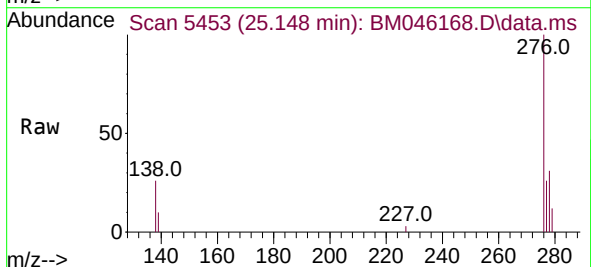
Manual Integrations
APPROVED

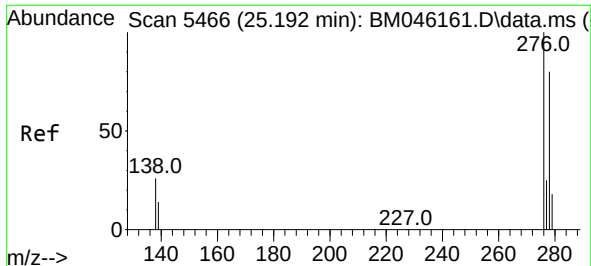
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.764 ng/ul
RT: 25.148 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046168.D
Acq: 21 Jun 2024 20:06

Tgt Ion:276 Resp: 32410
Ion Ratio Lower Upper
276 100
138 21.0 21.0 31.4#
227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.326 ng/ul

RT: 25.152 min Scan# 54

Delta R.T. -0.064 min

Lab File: BM046168.D

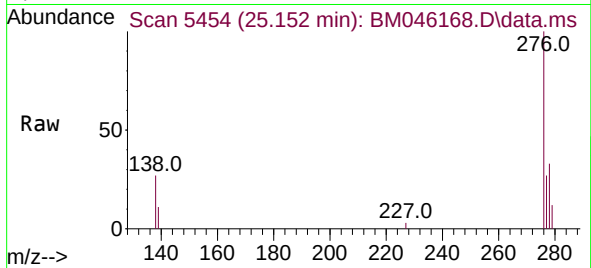
Acq: 21 Jun 2024 20:06

Instrument :

BNA_M

ClientSampleId :

A4BQ4



Tgt Ion:278 Resp: 10310

Ion Ratio Lower Upper

278 100

139 32.9 17.6 26.4

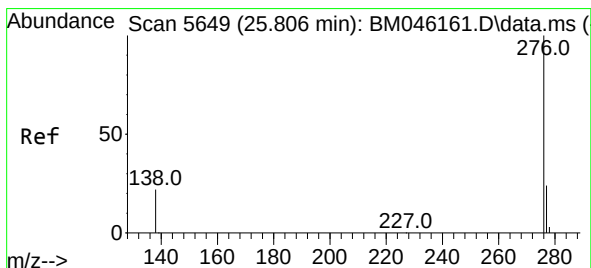
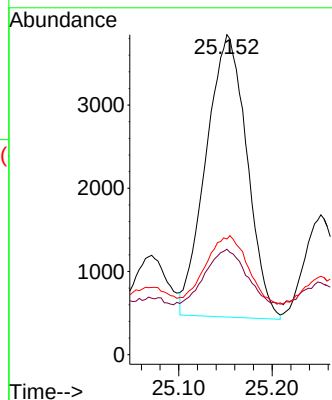
279 36.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#29

Benzo(g,h,i)perylene

Concen: 0.139 ng/ul

RT: 25.772 min Scan# 5639

Delta R.T. -0.058 min

Lab File: BM046168.D

Acq: 21 Jun 2024 20:06

Tgt Ion:276 Resp: 5047

Ion Ratio Lower Upper

276 100

138 44.2 21.7 32.5

277 36.8 20.4 30.6

