

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046562.D
 Acq On : 13 Jul 2024 01:40
 Operator : MA/JU
 Sample : P3087-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 02:13:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 05:09:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	10367	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.155	164	6495	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	14292m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	10982	0.400	ng/ul #	0.00
23) Perylene-d12	23.247	264	10850m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8176	2.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	3770	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	9259	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.321	128	974	0.037	ng/ul#	82
10) Acenaphthylene	13.868	152	1623	0.055	ng/ul#	90
11) Acenaphthene	14.215	153	606	0.031	ng/ul	90
12) Fluorene	15.210	166	727	0.030	ng/ul#	94
15) Phenanthrene	16.947	178	22937	0.562	ng/ul	99
16) Anthracene	17.036	178	3802	0.096	ng/ul	95
19) Fluoranthene	18.974	202	48577	1.077	ng/ul	99
20) Pyrene	19.337	202	40252m	0.824	ng/ul	
21) Benzo(a)anthracene	21.093	228	18594	0.383	ng/ul	97
22) Chrysene	21.143	228	20597	0.438	ng/ul	98
24) Benzo(b)fluoranthene	22.615	252	26703m	0.616	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	8900m	0.209	ng/ul	
26) Benzo(a)pyrene	23.156	252	15643	0.439	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.366	276	12668	0.233	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	3035	0.071	ng/ul#	46
29) Benzo(g,h,i)perylene	26.013	276	12315	0.284	ng/ul#	94

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

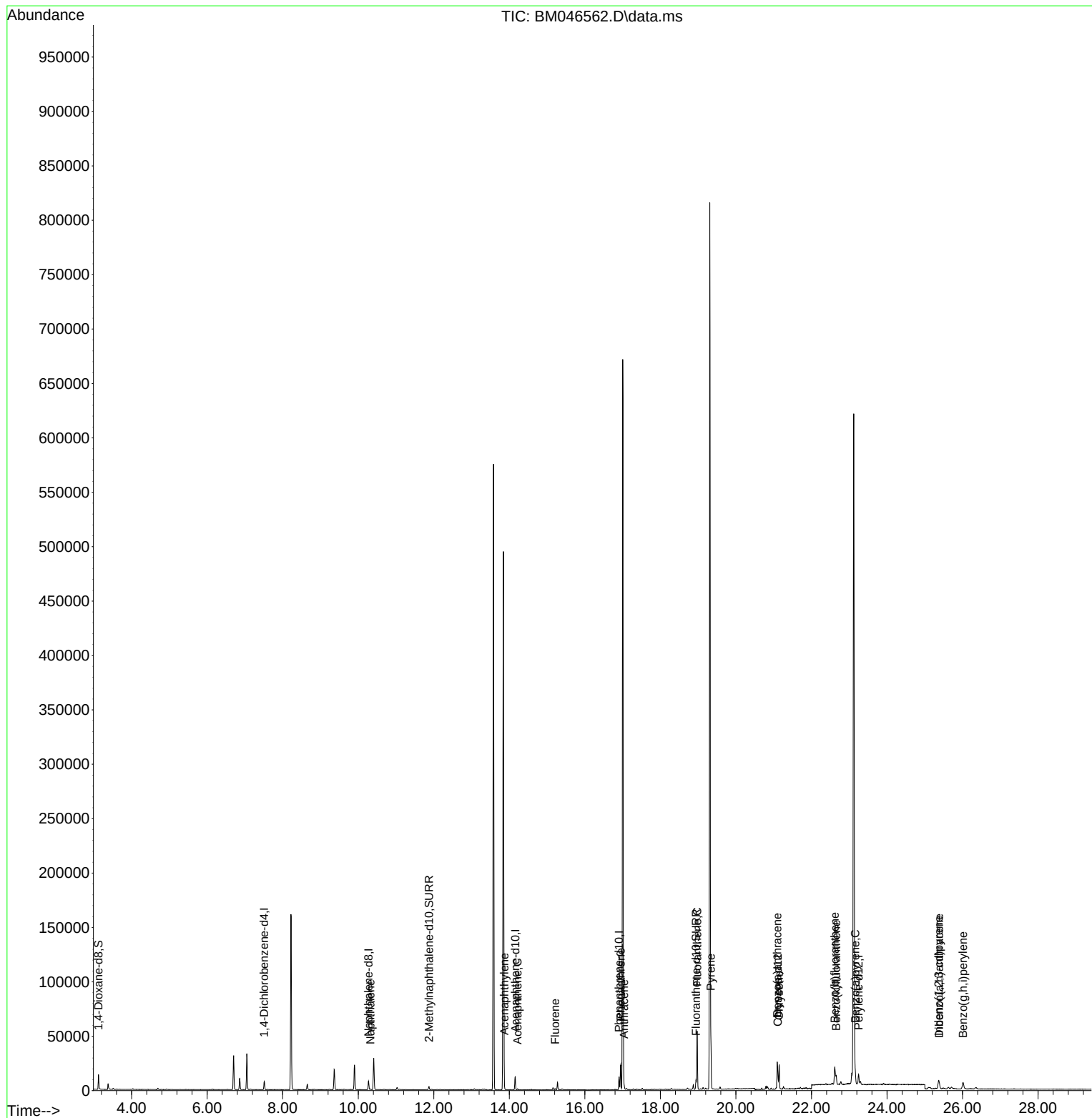
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046562.D
Acq On : 13 Jul 2024 01:40
Operator : MA/JU
Sample : P3087-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

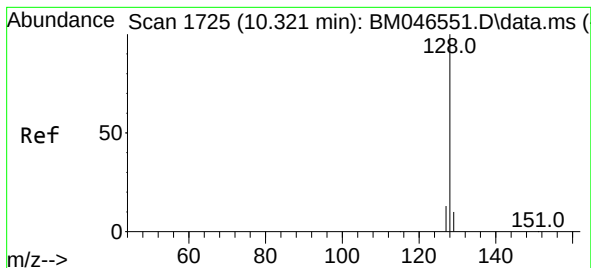
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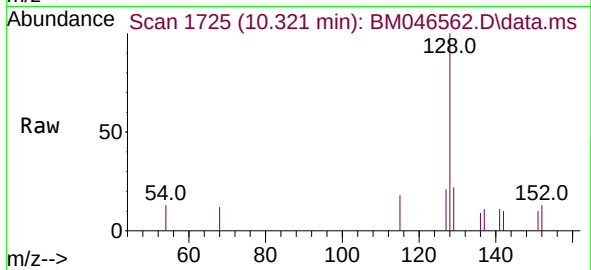
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/u1
RT: 10.321 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

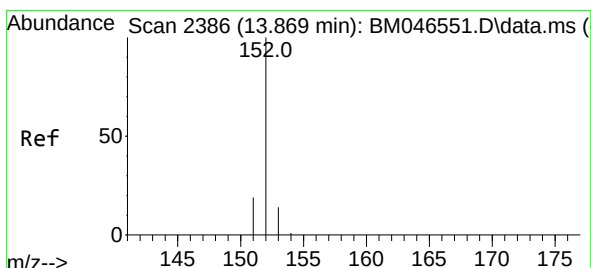
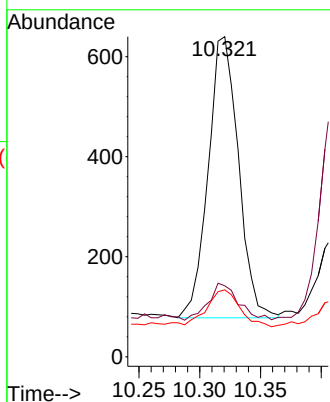
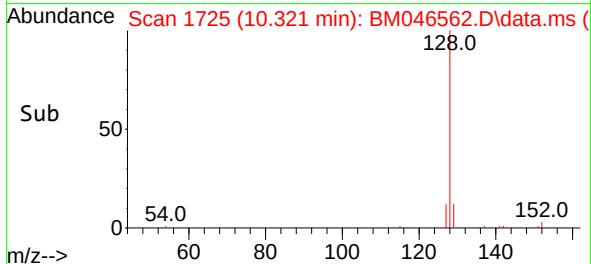
Instrument :
BNA_M
ClientSampleId :
A4BP1



Tgt Ion:128 Resp: 974
Ion Ratio Lower Upper
128 100
129 22.2 10.3 15.5#
127 20.9 12.2 18.4#

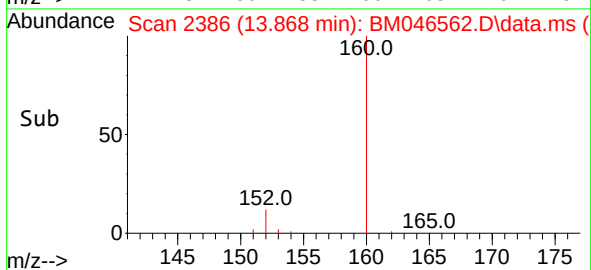
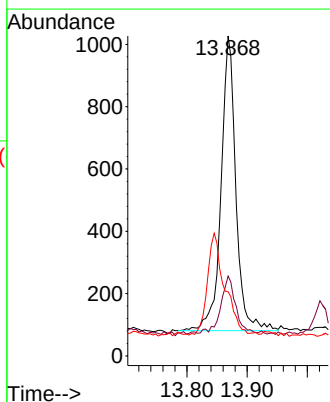
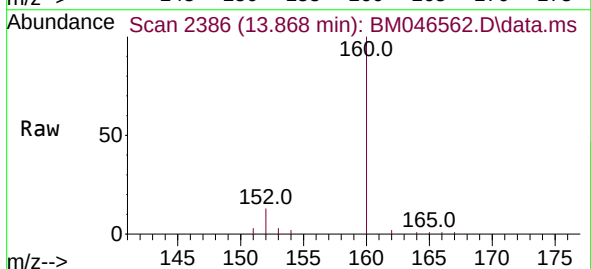
Manual Integrations
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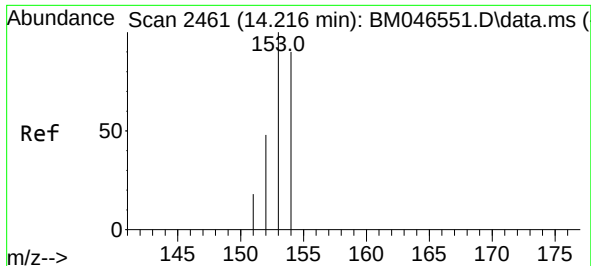
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.055 ng/u1
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

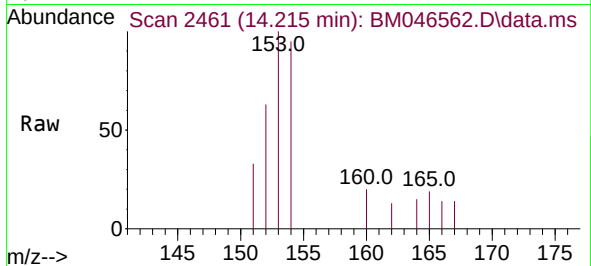
Tgt Ion:152 Resp: 1623
Ion Ratio Lower Upper
152 100
151 24.9 16.4 24.6#
153 20.1 12.4 18.6#





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

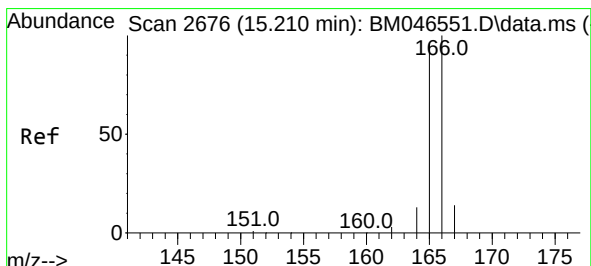
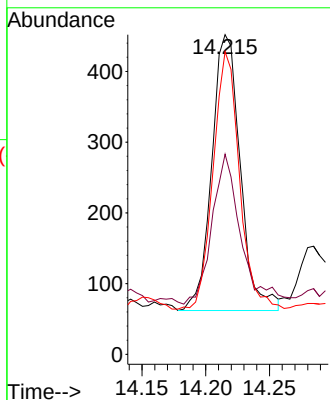
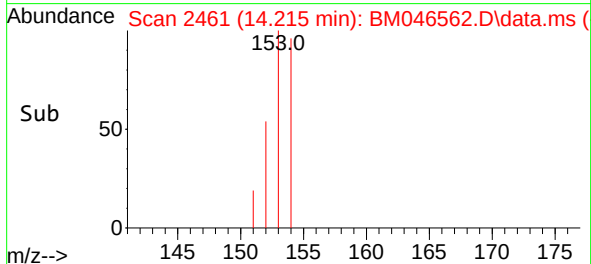
Instrument :
BNA_M
ClientSampleId :
A4BP1



Tgt Ion:153 Resp: 600
Ion Ratio Lower Upper
153 100
152 62.6 43.0 64.6
154 94.7 69.9 104.9

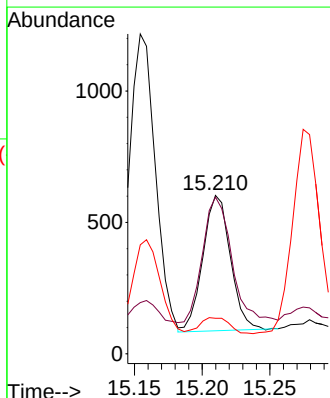
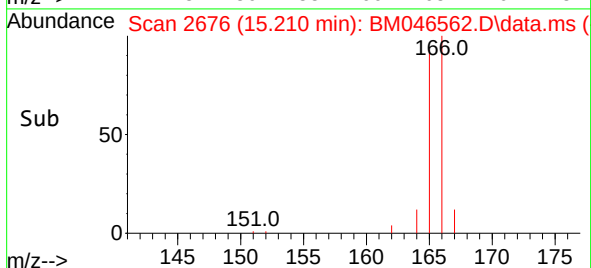
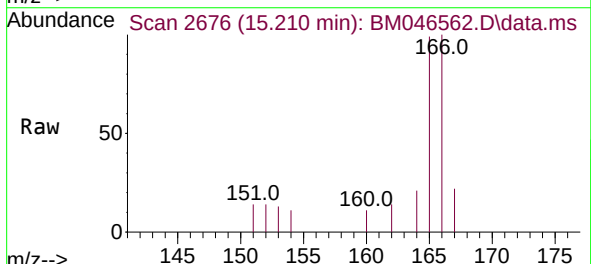
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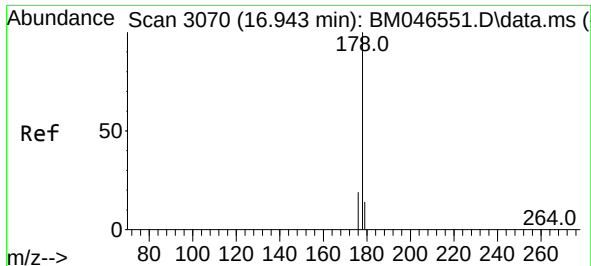
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

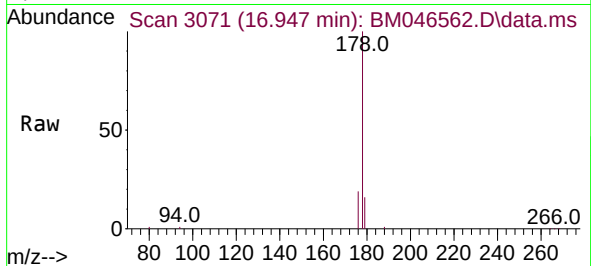
Tgt Ion:166 Resp: 727
Ion Ratio Lower Upper
166 100
165 98.8 76.1 114.1
167 22.4 12.5 18.7#





#15
Phenanthrene
Concen: 0.562 ng/u1
RT: 16.947 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

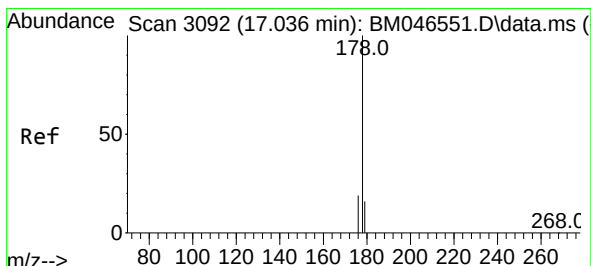
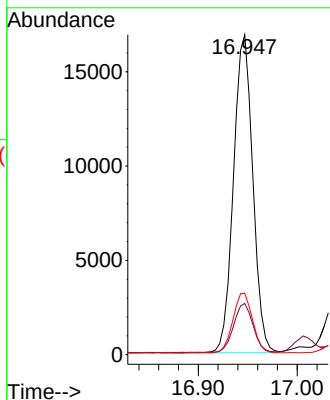
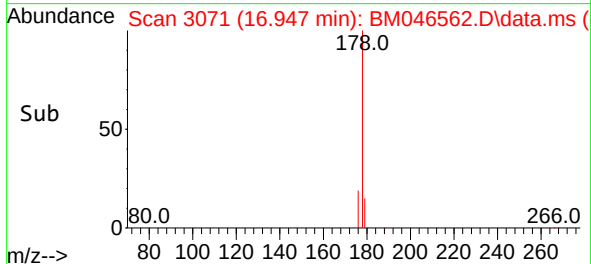
Instrument :
BNA_M
ClientSampleId :
A4BP1



Tgt Ion:178 Resp: 2293
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.2 16.0 24.0

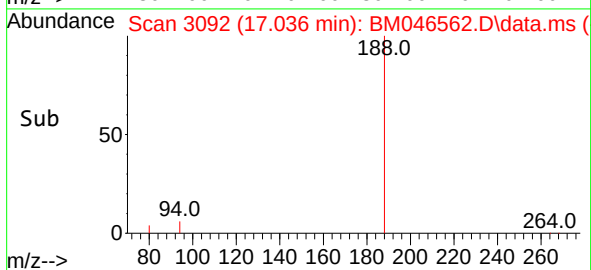
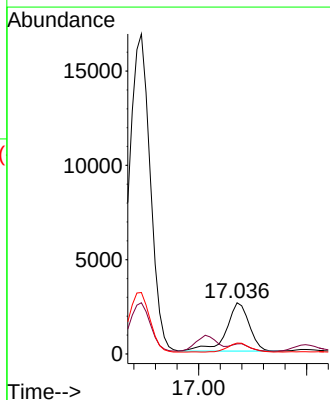
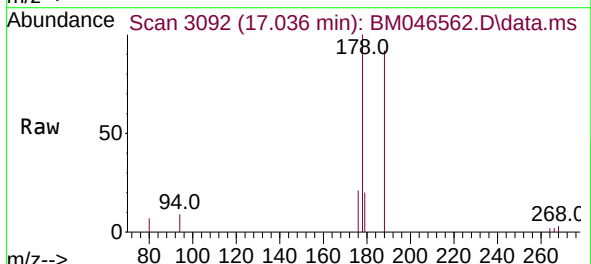
Manual Integrations
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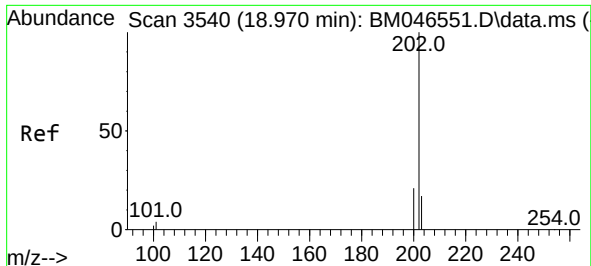
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.096 ng/u1
RT: 17.036 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

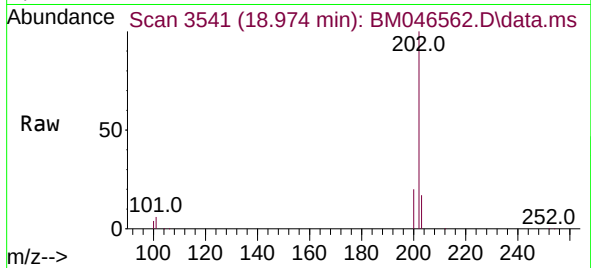
Tgt Ion:178 Resp: 3802
Ion Ratio Lower Upper
178 100
179 19.7 13.5 20.3
176 21.4 15.7 23.5





#19
Fluoranthene
Concen: 1.077 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

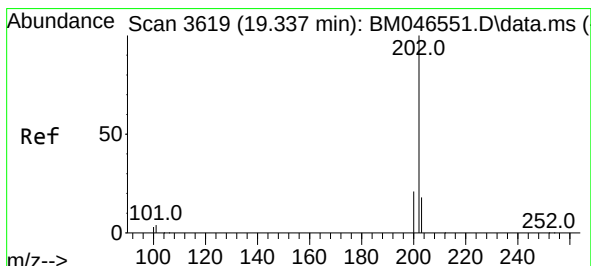
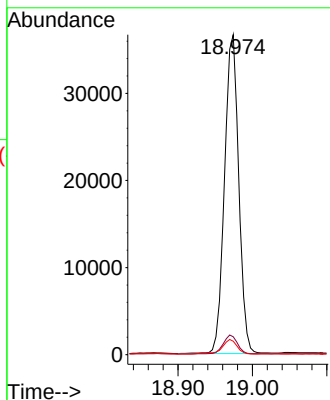
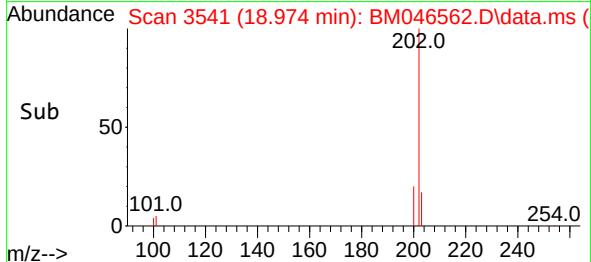
Instrument :
BNA_M
ClientSampleId :
A4BP1



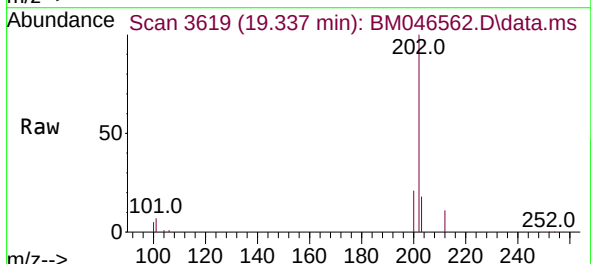
Tgt Ion:202 Resp: 4857
Ion Ratio Lower Upper
202 100
101 5.6 4.6 6.8
100 4.2 3.0 4.6

Manual Integrations
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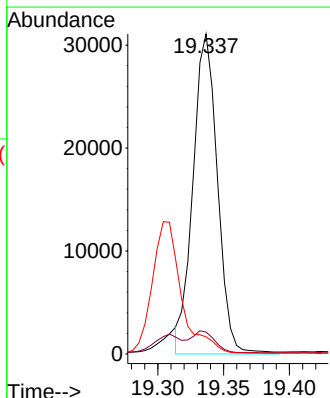
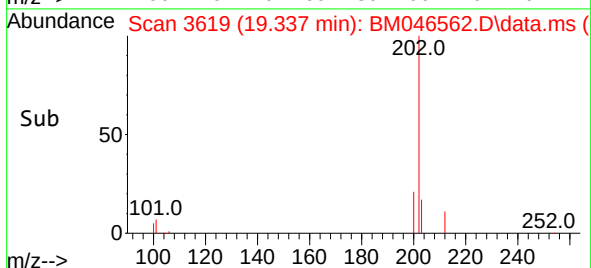
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

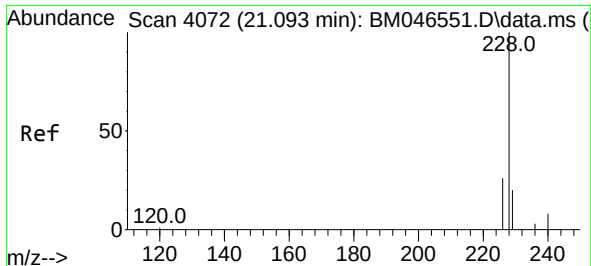


#20
Pyrene
Concen: 0.824 ng/ul m
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40



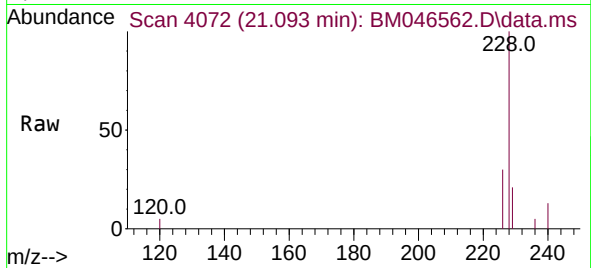
Tgt Ion:202 Resp: 40252
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.4 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. -0.003 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

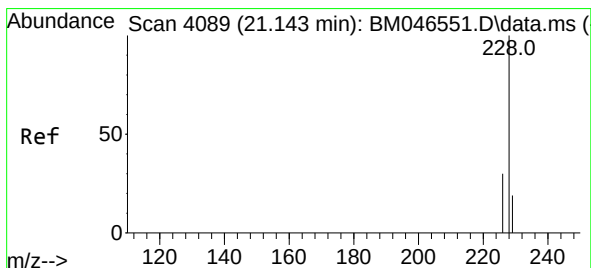
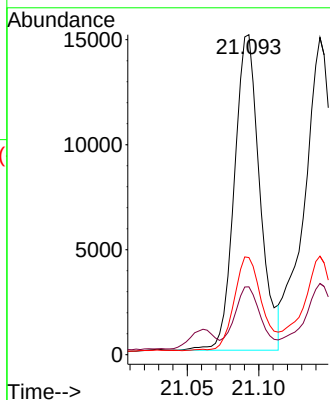
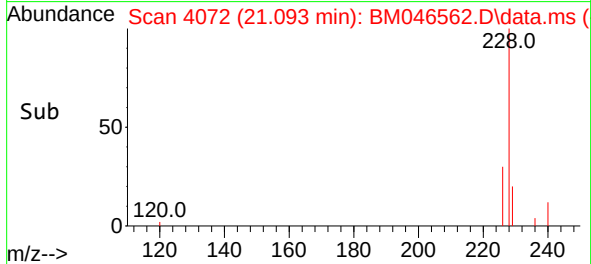
Instrument :
BNA_M
ClientSampleId :
A4BP1



Tgt Ion:228 Resp: 18594
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 30.4 22.5 33.7

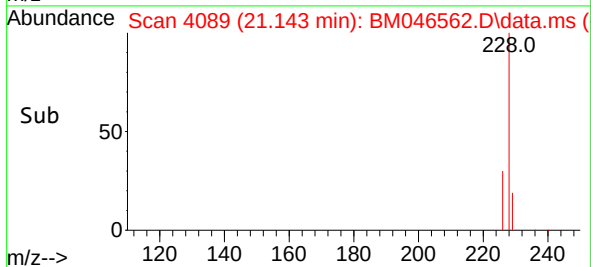
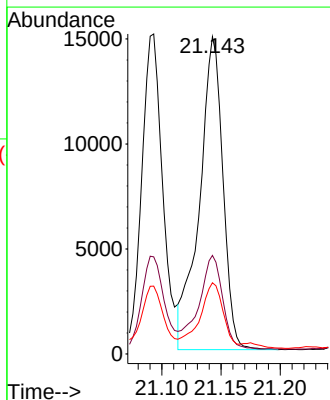
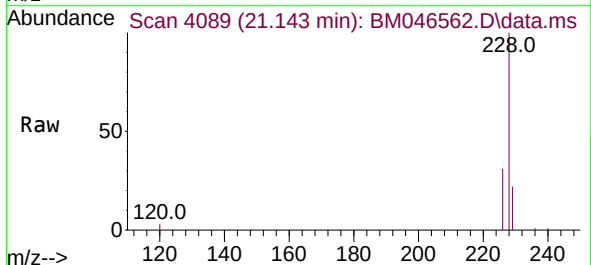
Manual Integrations
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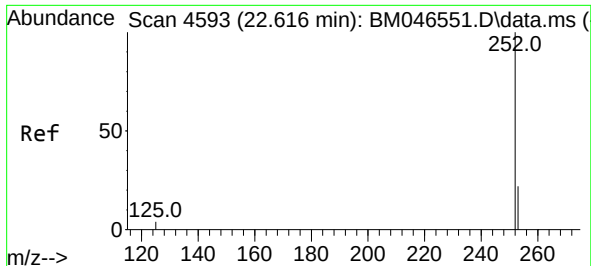
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. -0.006 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

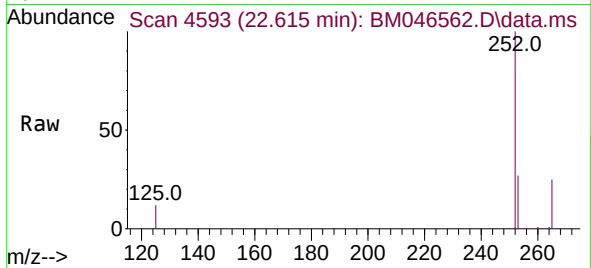
Tgt Ion:228 Resp: 20597
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.616 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

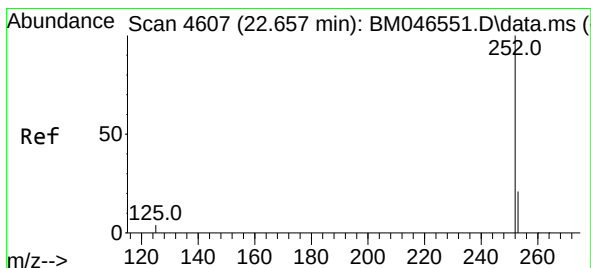
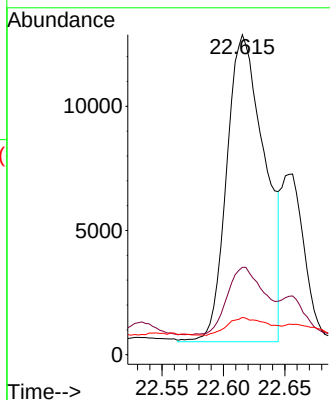
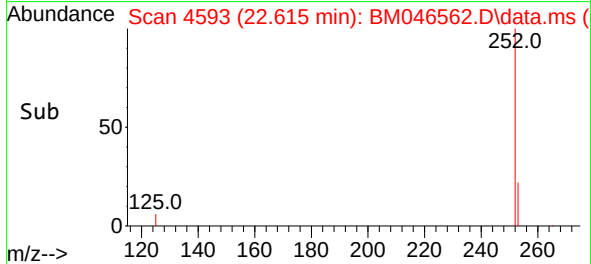
Instrument :
BNA_M
ClientSampleId :
A4BP1



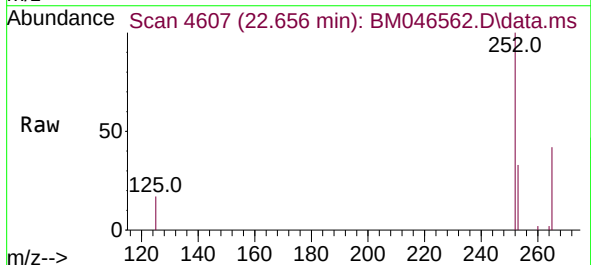
Tgt Ion:252 Resp: 2670
Ion Ratio Lower Upper
252 100
253 27.3 0.0 56.2
125 11.6 0.0 17.8

Manual Integrations
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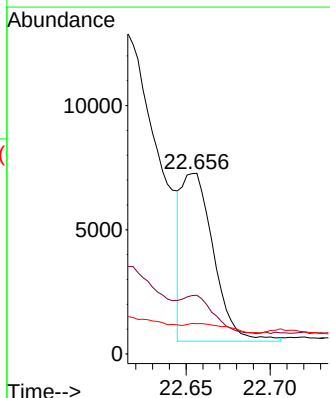
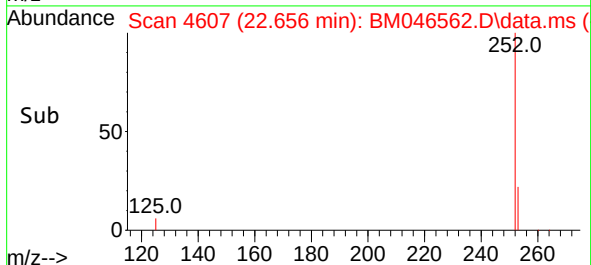
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

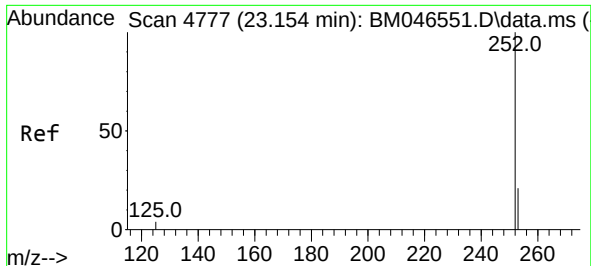


#25
Benzo(k)fluoranthene
Concen: 0.209 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40



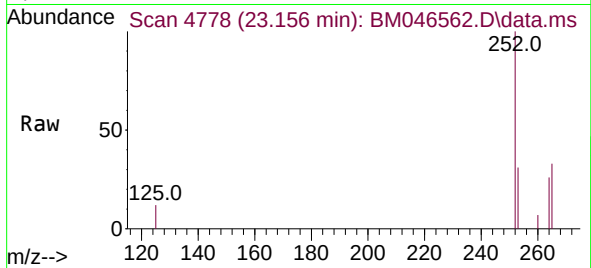
Tgt Ion:252 Resp: 8900
Ion Ratio Lower Upper
252 100
253 32.5 22.4 33.6
125 16.7 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.156 min Scan# 4777
Delta R.T. -0.006 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

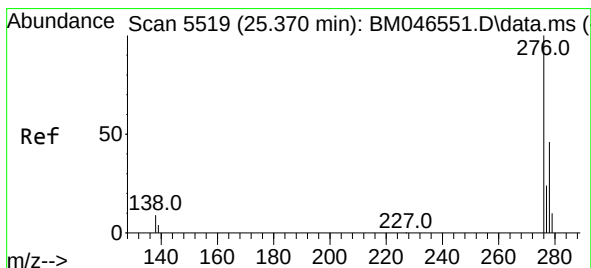
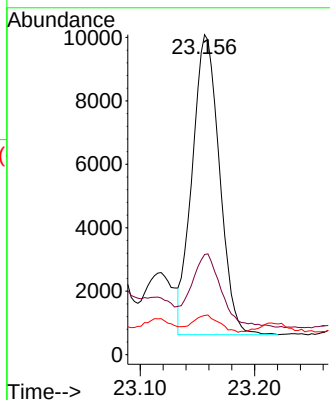
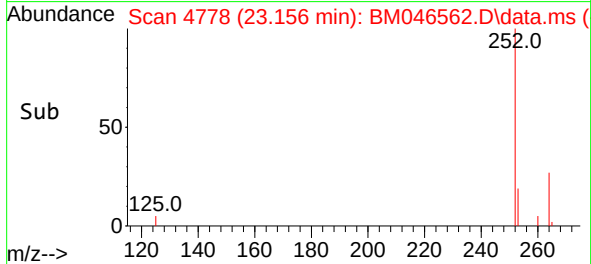
Instrument :
BNA_M
ClientSampleId :
A4BP1



Tgt Ion:252 Resp: 1564
Ion Ratio Lower Upper
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253 31.3 24.0 36.0
125 12.3 8.2 12.2

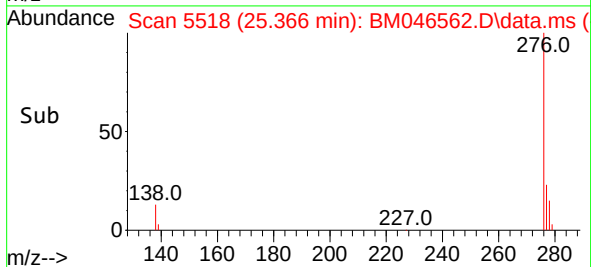
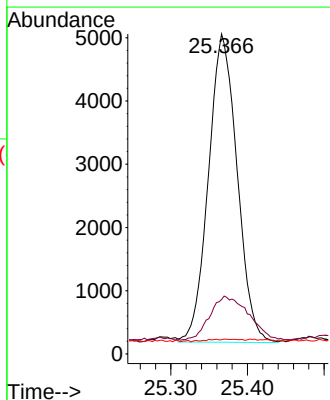
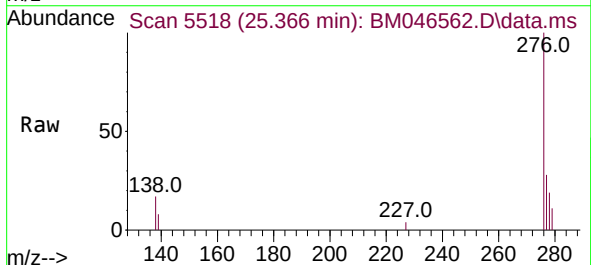
Manual Integrations
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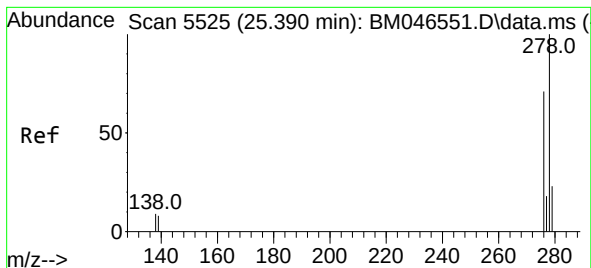
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.233 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. -0.017 min
Lab File: BM046562.D
Acq: 13 Jul 2024 01:40

Tgt Ion:276 Resp: 12668
Ion Ratio Lower Upper
276 100
138 19.4 0.0 0.0#
227 0.4 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.071 ng/ul

RT: 25.383 min Scan# 5

Delta R.T. -0.017 min

Lab File: BM046562.D

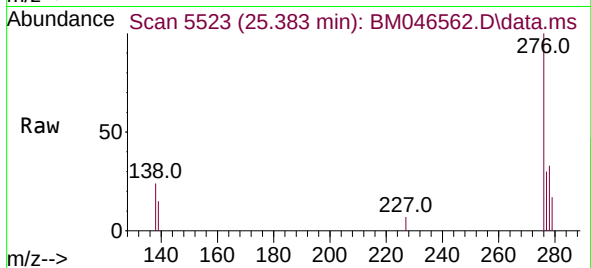
Acq: 13 Jul 2024 01:40

Instrument :

BNA_M

ClientSampleId :

A4BP1



Tgt Ion:278 Resp: 303

Ion Ratio Lower Upper

278 100

139 45.0 9.1 13.7

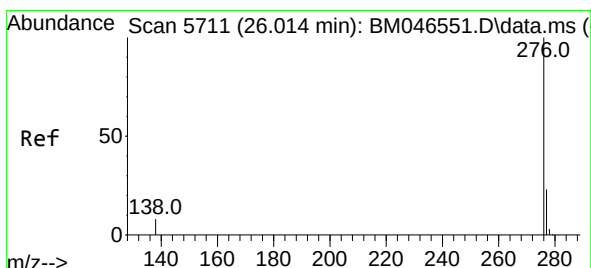
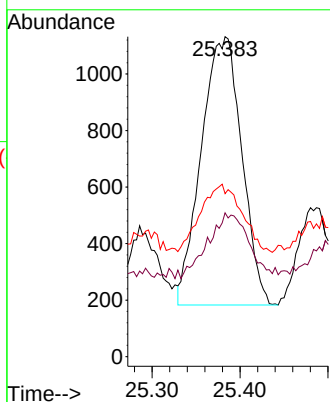
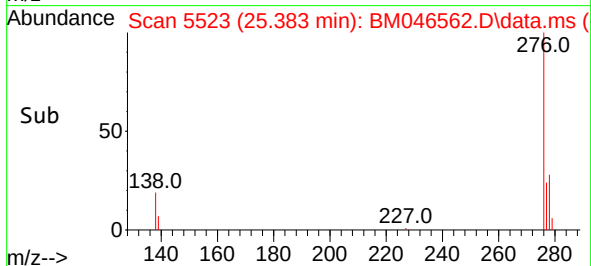
279 51.0 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.284 ng/ul

RT: 26.013 min Scan# 5711

Delta R.T. -0.007 min

Lab File: BM046562.D

Acq: 13 Jul 2024 01:40

Tgt Ion:276 Resp: 12315

Ion Ratio Lower Upper

276 100

138 17.1 10.2 15.4

277 27.6 20.9 31.3

