

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046846.D
 Acq On : 27 Jul 2024 00:38
 Operator : MA/JU
 Sample : P3263-20DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CLODL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 01:13:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	10400	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.114	164	10364	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	19422	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	9431	0.400	ng/ul	# 0.00
23) Perylene-d12	23.206	264	10319	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2378	0.939	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	1129	0.068	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	2685	0.087	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	4834	0.184	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	2191	0.121	ng/ul	99
8) 1-Methylnaphthalene	12.124	142	1623	0.087	ng/ul	99
10) Acenaphthylene	13.827	152	12020	0.253	ng/ul	99
11) Acenaphthene	14.174	153	8356	0.259	ng/ul	97
12) Fluorene	15.173	166	10536	0.262	ng/ul	99
14) Pentachlorophenol	16.529	266	195	0.022	ng/ul	95
15) Phenanthrene	16.913	178	187665	3.362	ng/ul	98
16) Anthracene	17.002	178	35970	0.692	ng/ul	100
19) Fluoranthene	18.942	202	271206	6.548	ng/ul	97
20) Pyrene	19.304	202	197952	4.620	ng/ul#	96
21) Benzo(a)anthracene	21.061	228	107149	2.726	ng/ul	99
22) Chrysene	21.114	228	107512	2.693	ng/ul	98
24) Benzo(b)fluoranthene	22.580	252	138730m	3.062	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	44829m	0.982	ng/ul	
26) Benzo(a)pyrene	23.113	252	53460	1.644	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.309	276	50575	1.010	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.316	278	15963	0.436	ng/ul#	90
29) Benzo(g,h,i)perylene	25.950	276	8123	0.184	ng/ul#	79

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

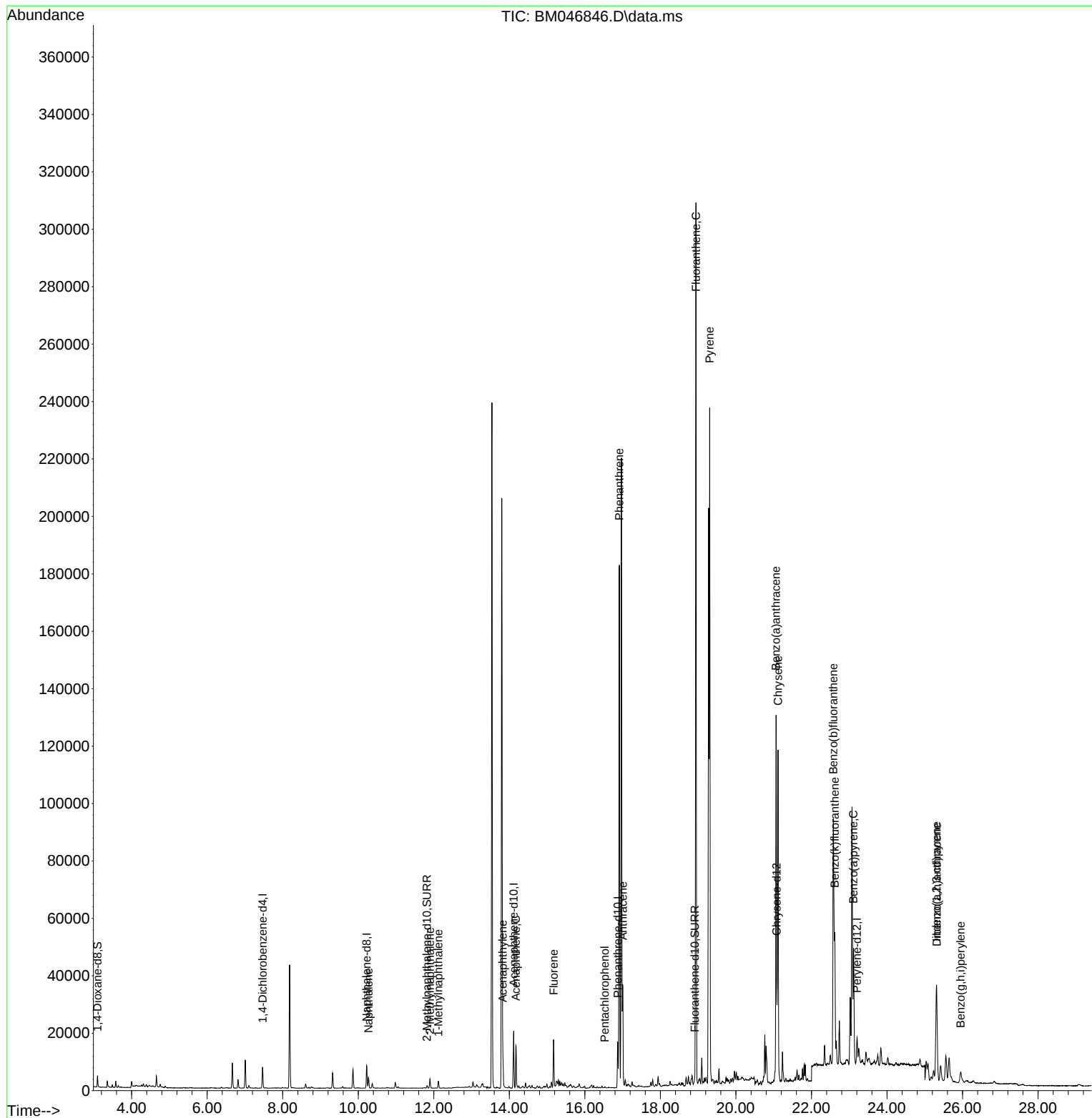
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046846.D
Acq On : 27 Jul 2024 00:38
Operator : MA/JU
Sample : P3263-20DL 5X
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ALS Vial : 26 Sample Multiplier: 1

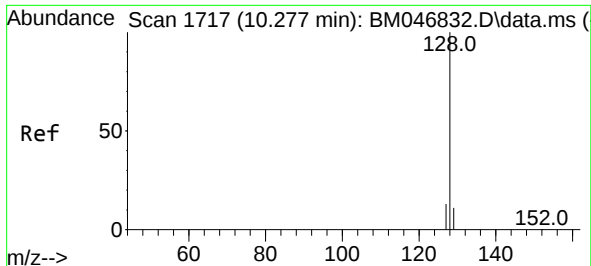
Instrument :
BNA_M
ClientSampleId :
A4CL0DL

Manual Integrations
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Supervised By :mohammad ahmed 08/05/2024

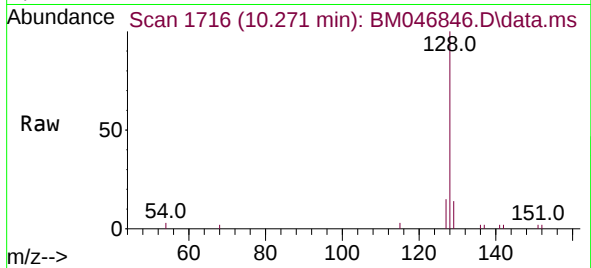
Quant Time: Jul 27 01:13:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.271 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

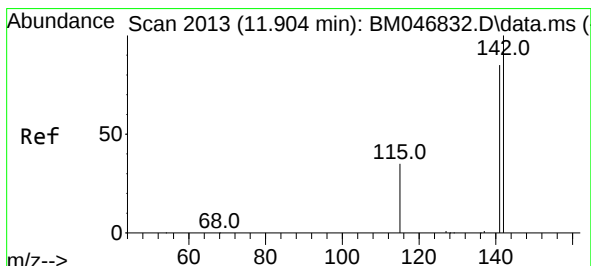
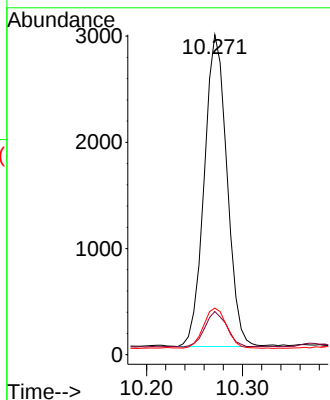
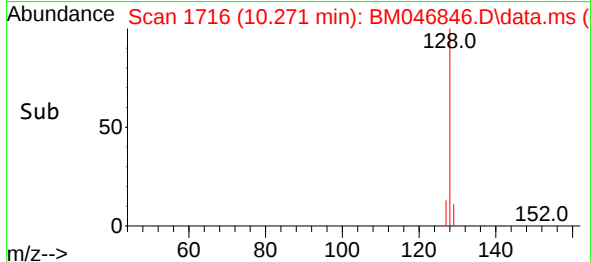
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:128 Resp: 4834
Ion Ratio Lower Upper
128 100
129 13.5 10.1 15.1
127 14.6 11.5 17.3

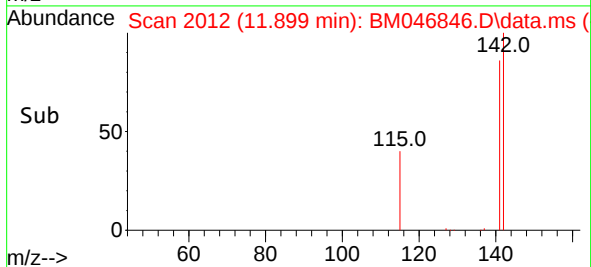
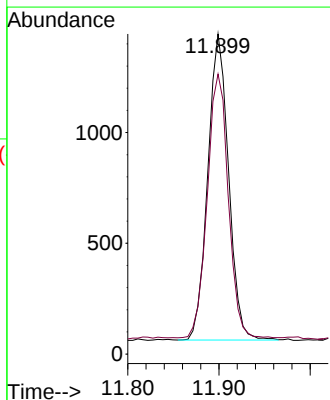
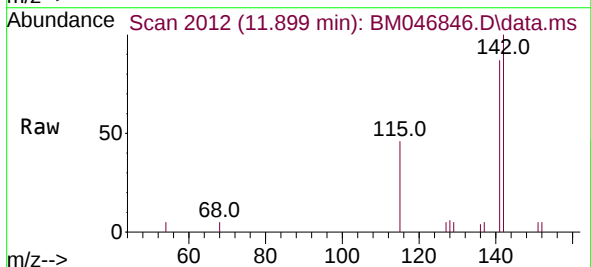
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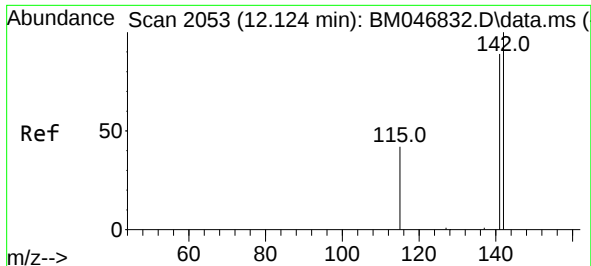
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

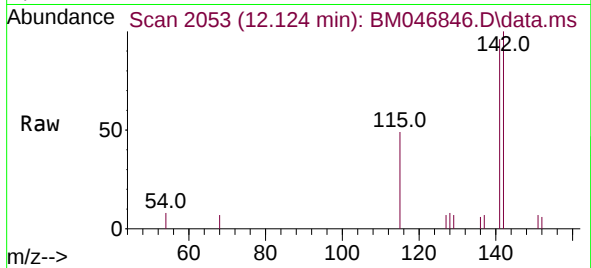
Tgt Ion:142 Resp: 2191
Ion Ratio Lower Upper
142 100
141 86.9 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

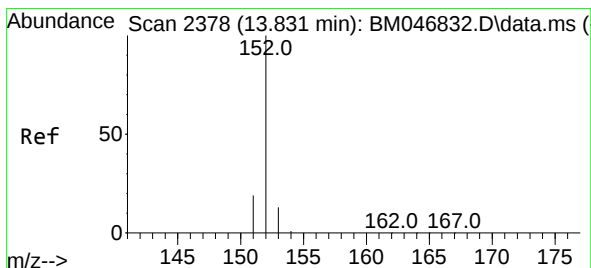
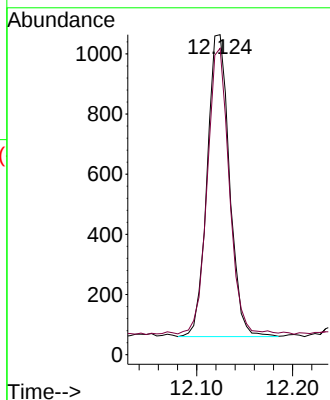
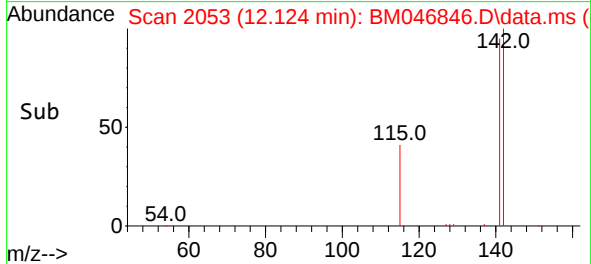
Instrument :
BNA_M
ClientSampleId :
A4CLODL



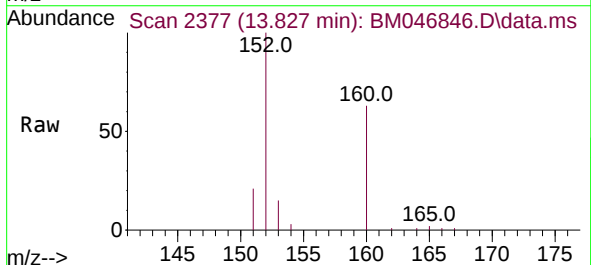
Tgt Ion:142 Resp: 162
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7

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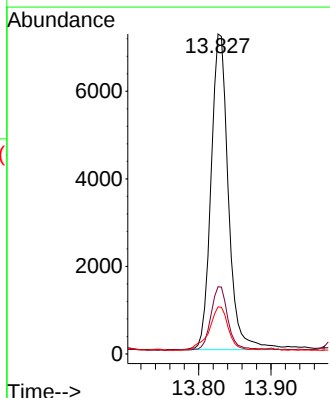
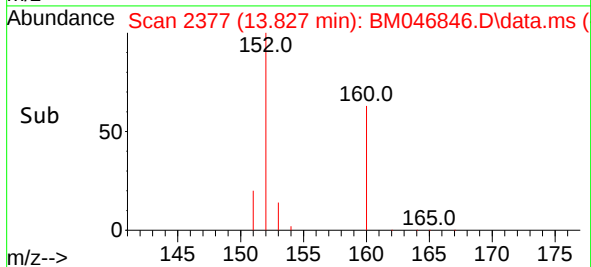
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

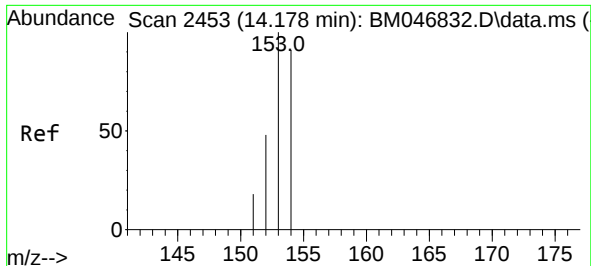


#10
Acenaphthylene
Concen: 0.253 ng/ul
RT: 13.827 min Scan# 2377
Delta R.T. -0.005 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38



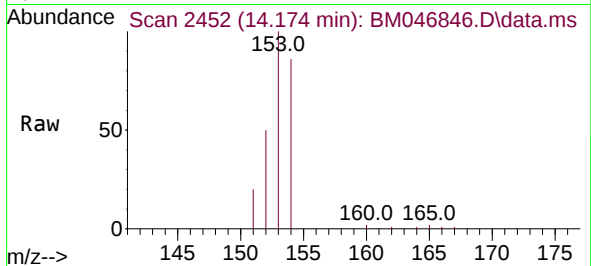
Tgt Ion:152 Resp: 12020
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.7 11.0 16.6





#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

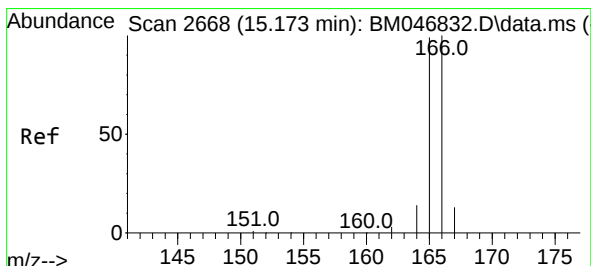
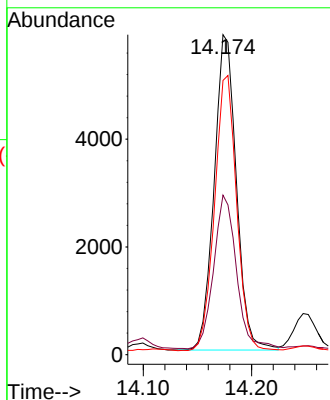
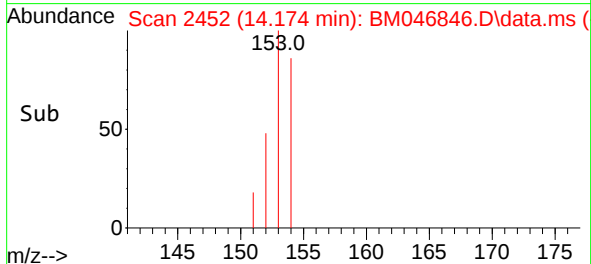
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:153 Resp: 8350
Ion Ratio Lower Upper
153 100
152 49.9 38.6 57.8
154 85.7 70.8 106.2

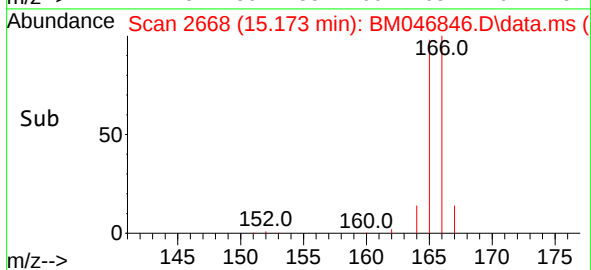
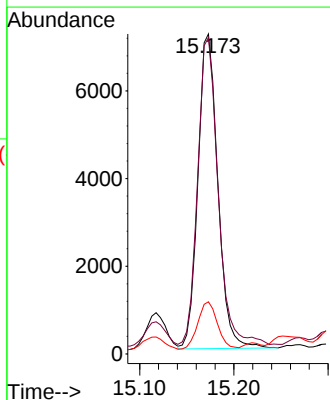
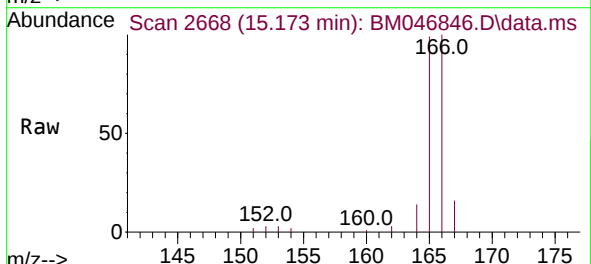
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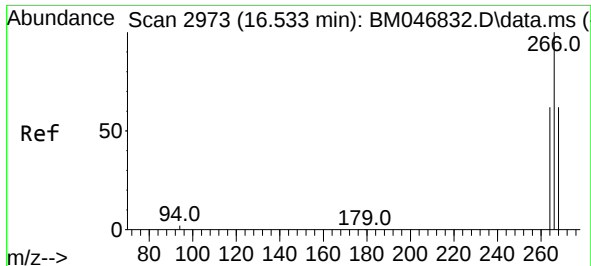
Reviewed By :Yogesh Patel 07/27/2024
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#12
Fluorene
Concen: 0.262 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

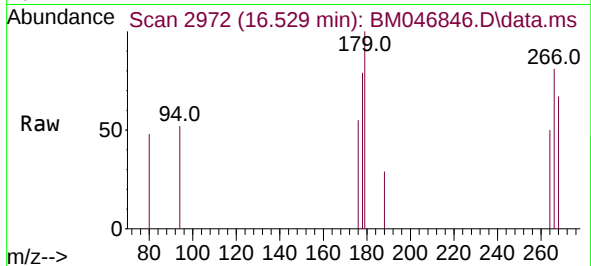
Tgt Ion:166 Resp: 10536
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.6
167 16.3 12.3 18.5





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.004 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

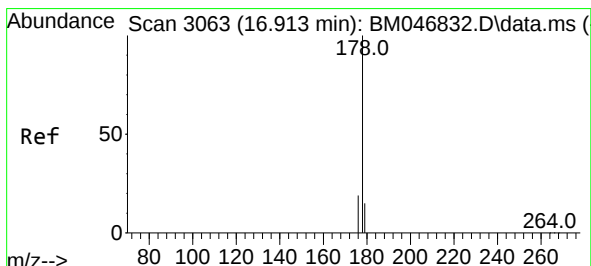
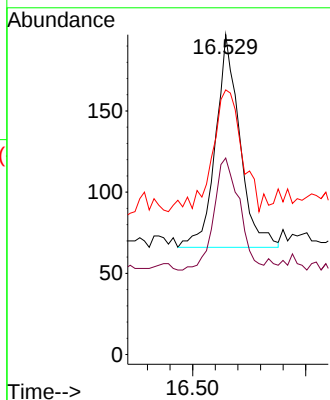
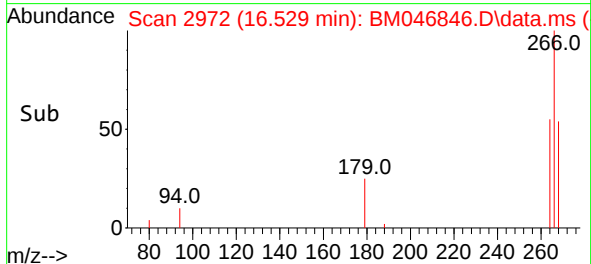
Instrument :
BNA_M
ClientSampleId :
A4CLODL



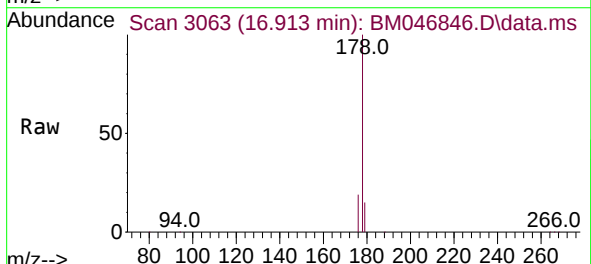
Tgt Ion:266 Resp: 195
Ion Ratio Lower Upper
266 100
264 55.9 51.1 76.7
268 64.6 51.8 77.6

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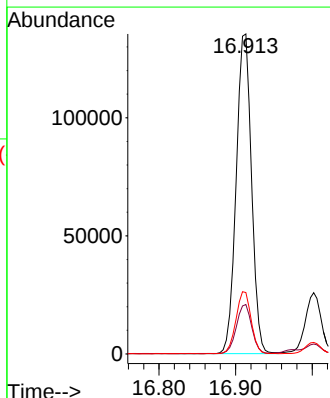
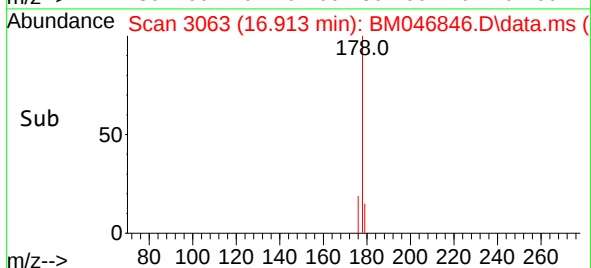
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

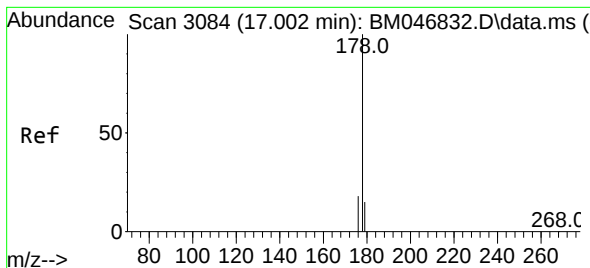


#15
Phenanthrene
Concen: 3.362 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38



Tgt Ion:178 Resp: 187665
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.2 16.1 24.1





#16

Anthracene

Concen: 0.692 ng/ul

RT: 17.002 min Scan# 3084

Delta R.T. -0.004 min

Lab File: BM046846.D

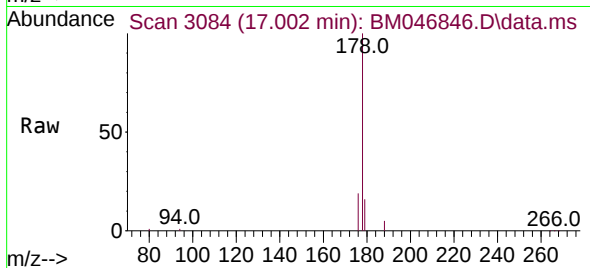
Acq: 27 Jul 2024 00:38

Instrument :

BNA_M

ClientSampleId :

A4CLODL



Tgt Ion:178 Resp: 35970

Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

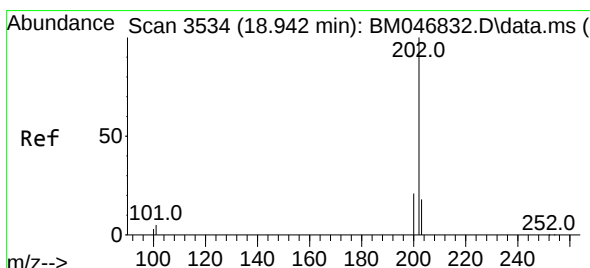
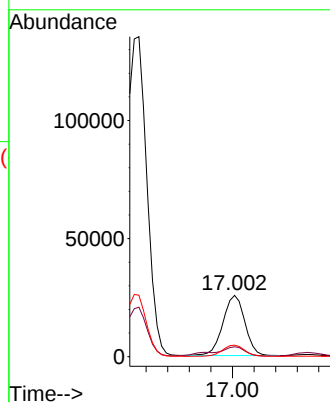
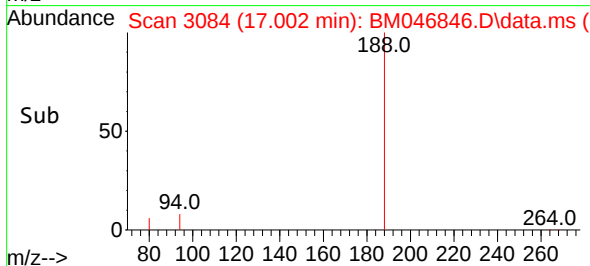
176 18.7 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#19

Fluoranthene

Concen: 6.548 ng/ul

RT: 18.942 min Scan# 3534

Delta R.T. 0.000 min

Lab File: BM046846.D

Acq: 27 Jul 2024 00:38

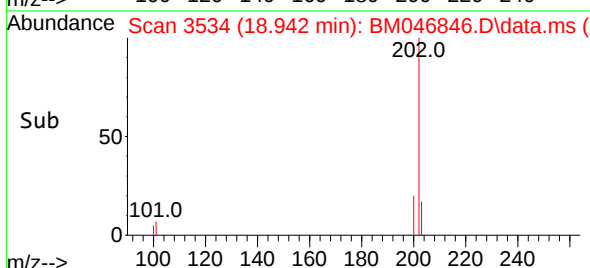
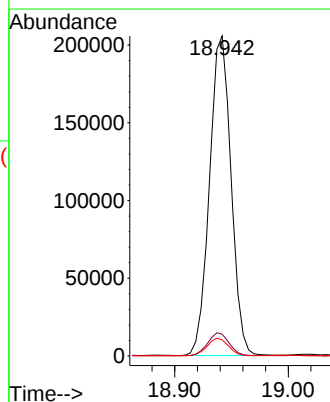
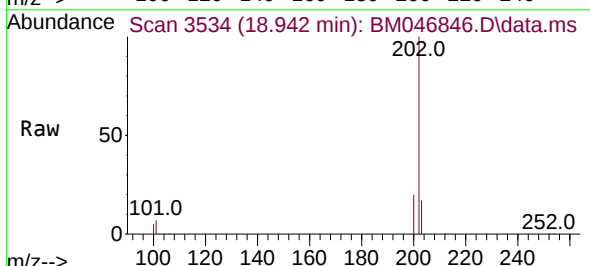
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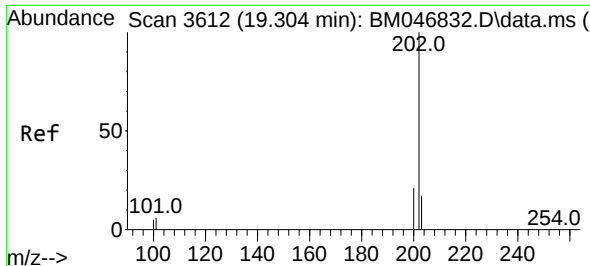
Ion Ratio Lower Upper

202 100

101 6.8 4.7 7.1

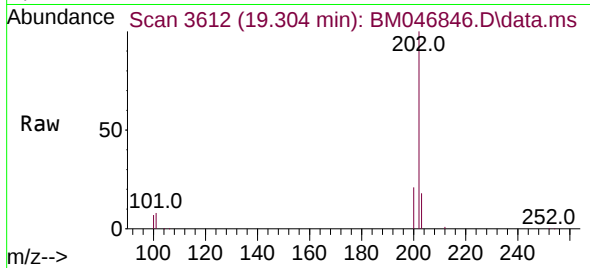
100 5.1 3.4 5.2





#20
Pyrene
Concen: 4.620 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

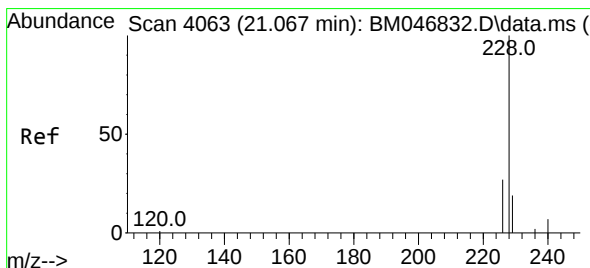
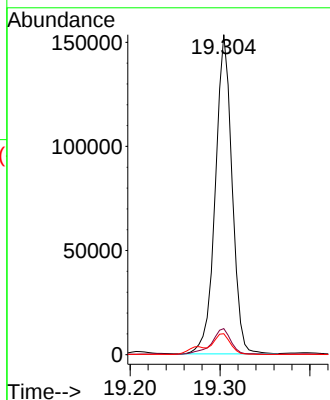
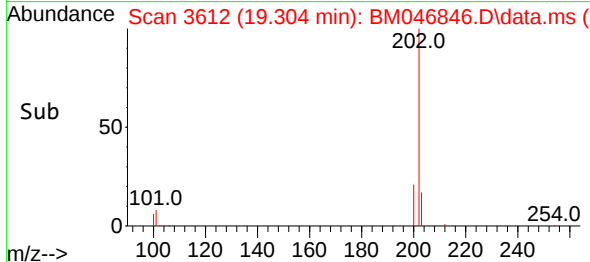
Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:202 Resp: 197952
Ion Ratio Lower Upper
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101 8.1 5.2 7.8
100 6.6 4.3 6.5

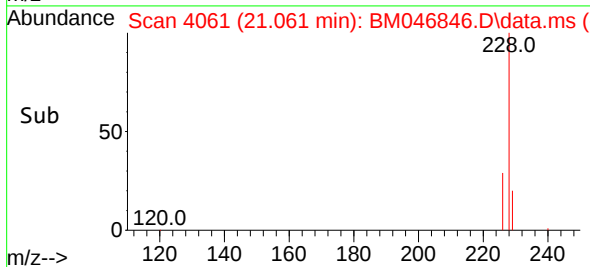
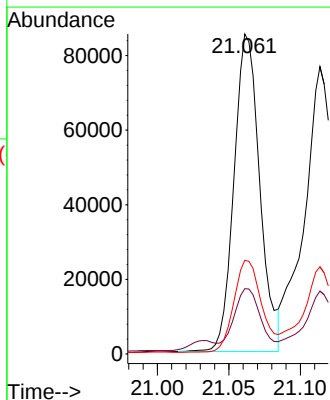
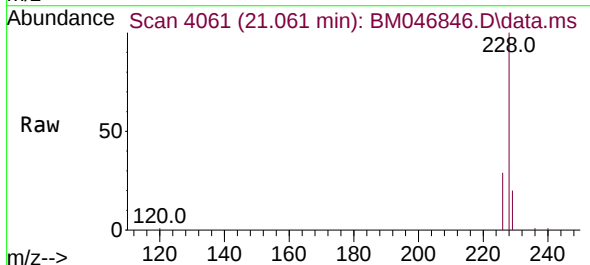
Manual Integrations
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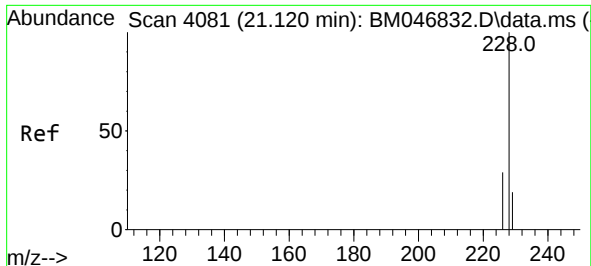
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 2.726 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

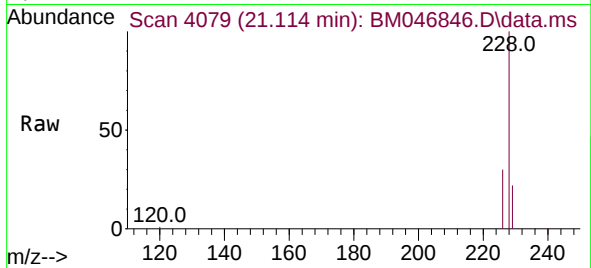
Tgt Ion:228 Resp: 107149
Ion Ratio Lower Upper
228 100
229 20.4 16.3 24.5
226 29.3 22.3 33.5





#22
Chrysene
Concen: 2.693 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

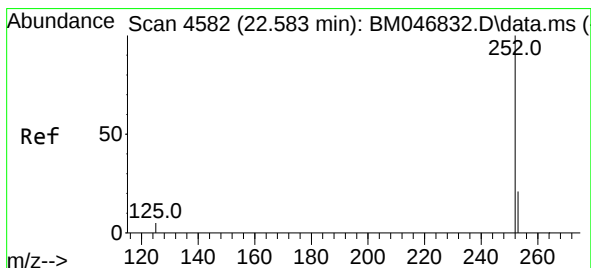
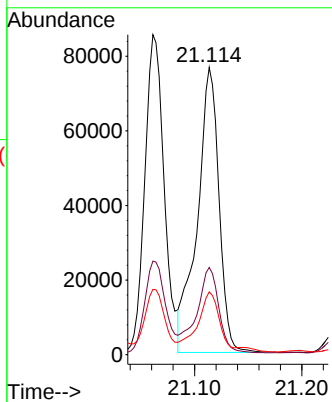
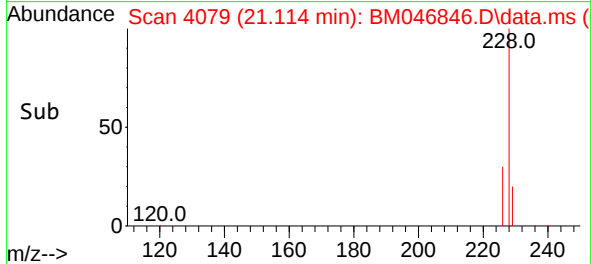
Instrument :
BNA_M
ClientSampleId :
A4CLODL



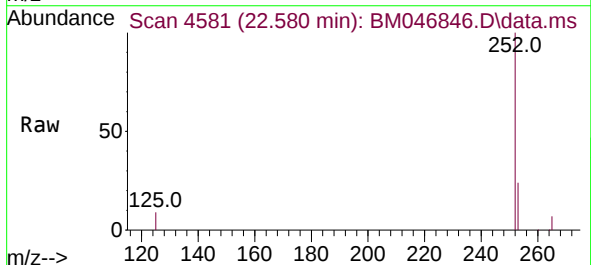
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Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.9 16.2 24.2

Manual Integrations
APPROVED

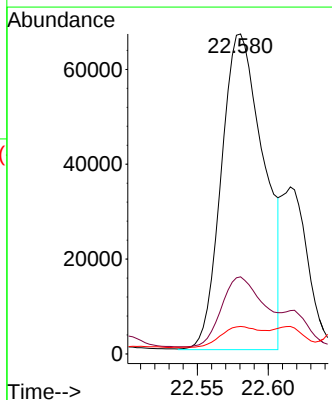
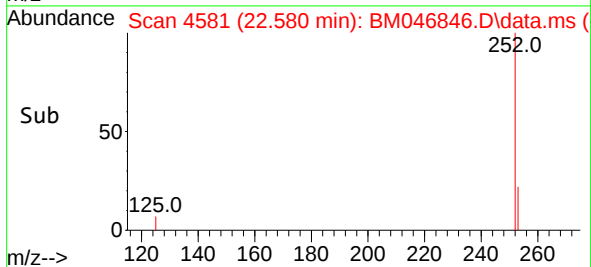
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

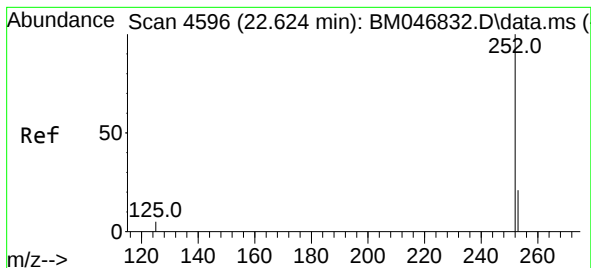


#24
Benzo(b)fluoranthene
Concen: 3.062 ng/ul m
RT: 22.580 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38



Tgt Ion:252 Resp: 138730
Ion Ratio Lower Upper
252 100
253 24.1 0.0 56.4
125 8.6 0.0 15.8





#25

Benzo(k)fluoranthene

Concen: 0.982 ng/ul m

RT: 22.616 min Scan# 4

Delta R.T. -0.006 min

Lab File: BM046846.D

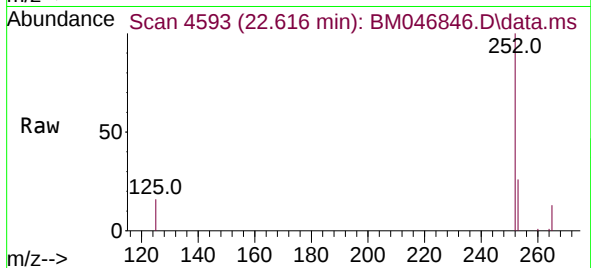
Acq: 27 Jul 2024 00:38

Instrument :

BNA_M

ClientSampleId :

A4CLODL



Tgt Ion:252 Resp: 44829

Ion Ratio Lower Upper

252 100

253 25.9 23.5 35.3

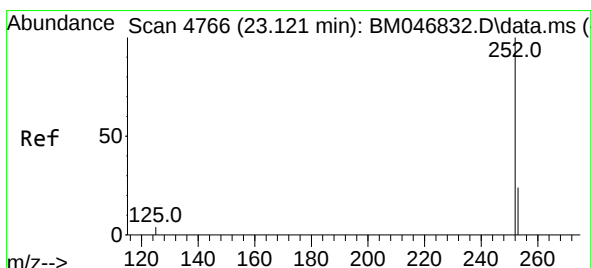
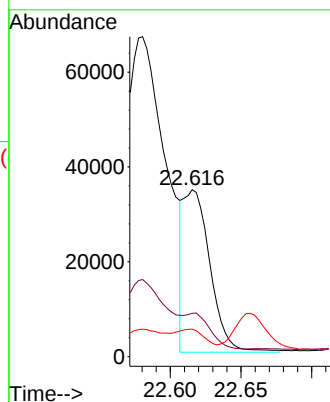
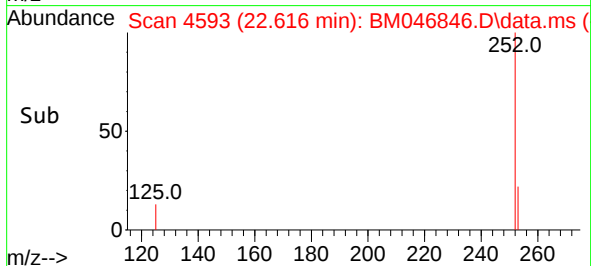
125 16.5 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#26

Benzo(a)pyrene

Concen: 1.644 ng/ul

RT: 23.113 min Scan# 4763

Delta R.T. -0.006 min

Lab File: BM046846.D

Acq: 27 Jul 2024 00:38

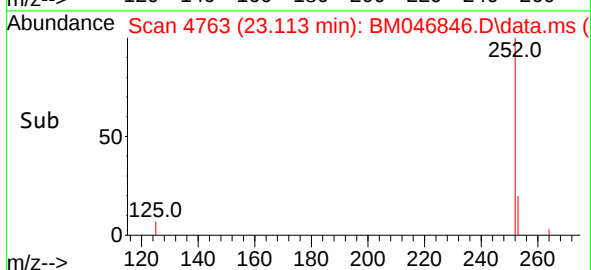
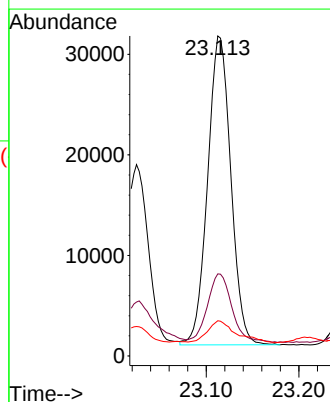
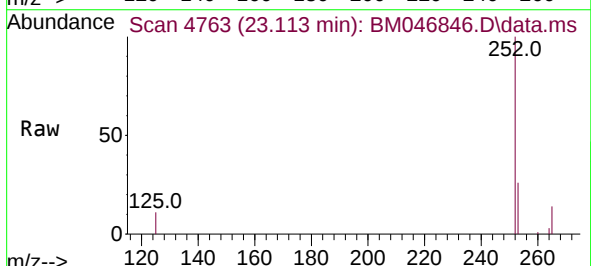
Tgt Ion:252 Resp: 53460

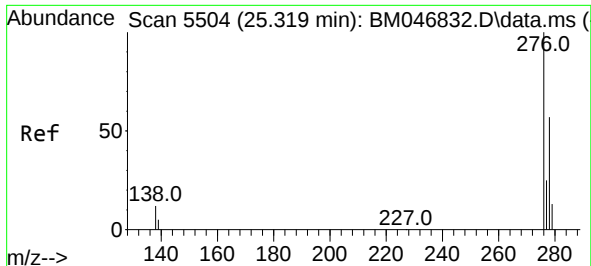
Ion Ratio Lower Upper

252 100

253 25.6 26.0 39.0#

125 11.0 7.8 11.8





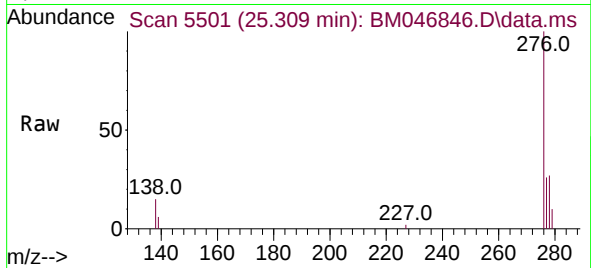
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.010 ng/ul
RT: 25.309 min Scan# 5501
Delta R.T. -0.007 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

Instrument :

BNA_M

ClientSampleId :

A4CLODL



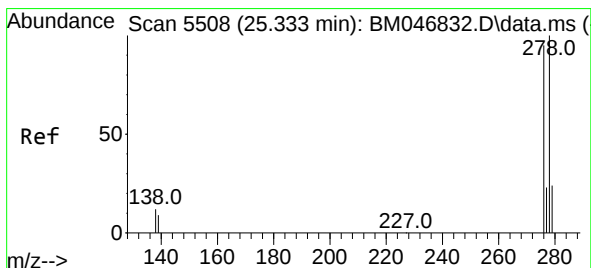
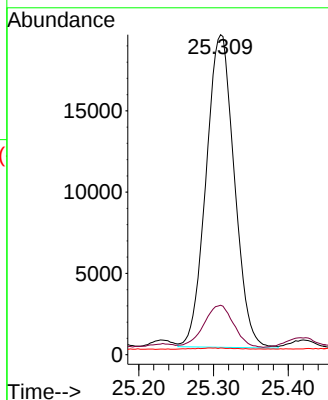
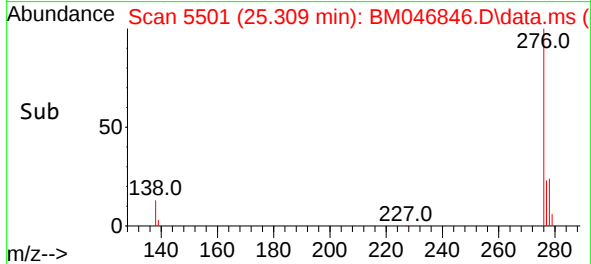
Tgt Ion:276 Resp: 50579
Ion Ratio Lower Upper
276 100
138 14.2 9.7 14.5
227 0.6 0.2 0.2

Manual Integrations

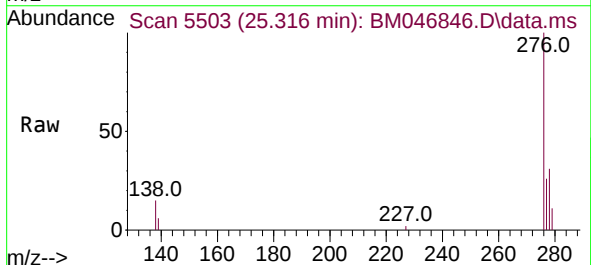
APPROVED

Reviewed By :Yogesh Patel 07/27/2024

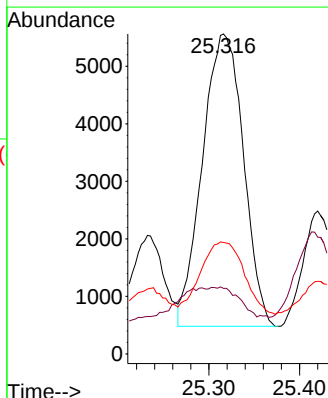
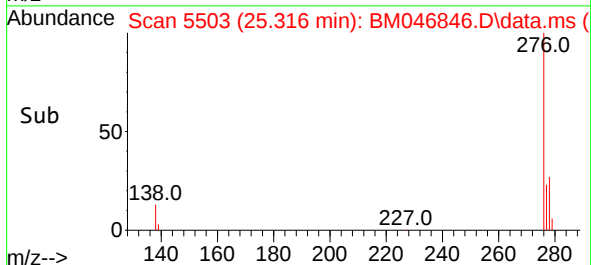
Supervised By :mohammad ahmed 08/05/2024

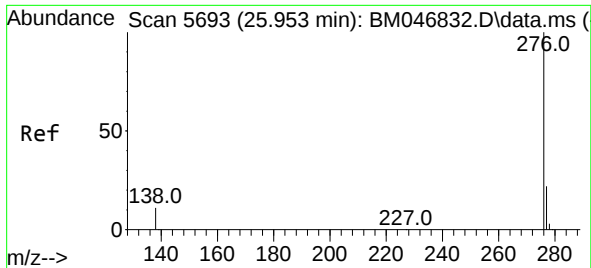


#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.017 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38



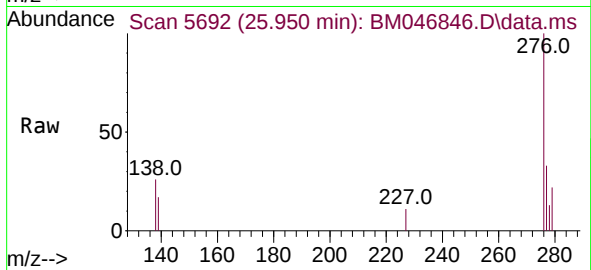
Tgt Ion:278 Resp: 15963
Ion Ratio Lower Upper
278 100
139 20.5 9.8 14.8#
279 34.8 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 25.950 min Scan# 50
Delta R.T. -0.003 min
Lab File: BM046846.D
Acq: 27 Jul 2024 00:38

Instrument :
BNA_M
ClientSampleId :
A4CLODL



Tgt Ion:276 Resp: 812
Ion Ratio Lower Upper
276 100
138 25.8 9.5 14.3
277 33.1 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

