

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
 Data File : BM046447.D
 Acq On : 08 Jul 2024 21:55
 Operator : MA/JU
 Sample : P2982-17DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 00:59:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	7166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	19762	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.174	164	12228	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.926	188	24176	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.128	240	15749	0.400	ng/ul	-0.01
23) Perylene-d12	23.279	264	15622	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	3783	0.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	1471	0.050	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	2811	0.051	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	2427	0.046	ng/ul#	92
7) 2-Methylnaphthalene	11.965	142	853	0.024	ng/ul	97
10) Acenaphthylene	13.891	152	3170	0.051	ng/ul#	94
11) Acenaphthene	14.234	153	2321	0.057	ng/ul	97
12) Fluorene	15.228	166	3063	0.064	ng/ul	97
15) Phenanthrene	16.964	178	53022	0.732	ng/ul	99
16) Anthracene	17.057	178	10393	0.148	ng/ul	97
19) Fluoranthene	18.993	202	89025	1.118	ng/ul#	95
20) Pyrene	19.355	202	74911	0.915	ng/ul#	92
21) Benzo(a)anthracene	21.111	228	32820	0.466	ng/ul	96
22) Chrysene	21.160	228	34399	0.492	ng/ul	98
24) Benzo(b)fluoranthene	22.645	252	41712m	0.628	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	13903m	0.207	ng/ul	
26) Benzo(a)pyrene	23.186	252	27042	0.515	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.413	276	19917	0.281	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.420	278	4630	0.084	ng/ul#	63
29) Benzo(g,h,i)perylene	26.061	276	19371	0.343	ng/ul	94

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

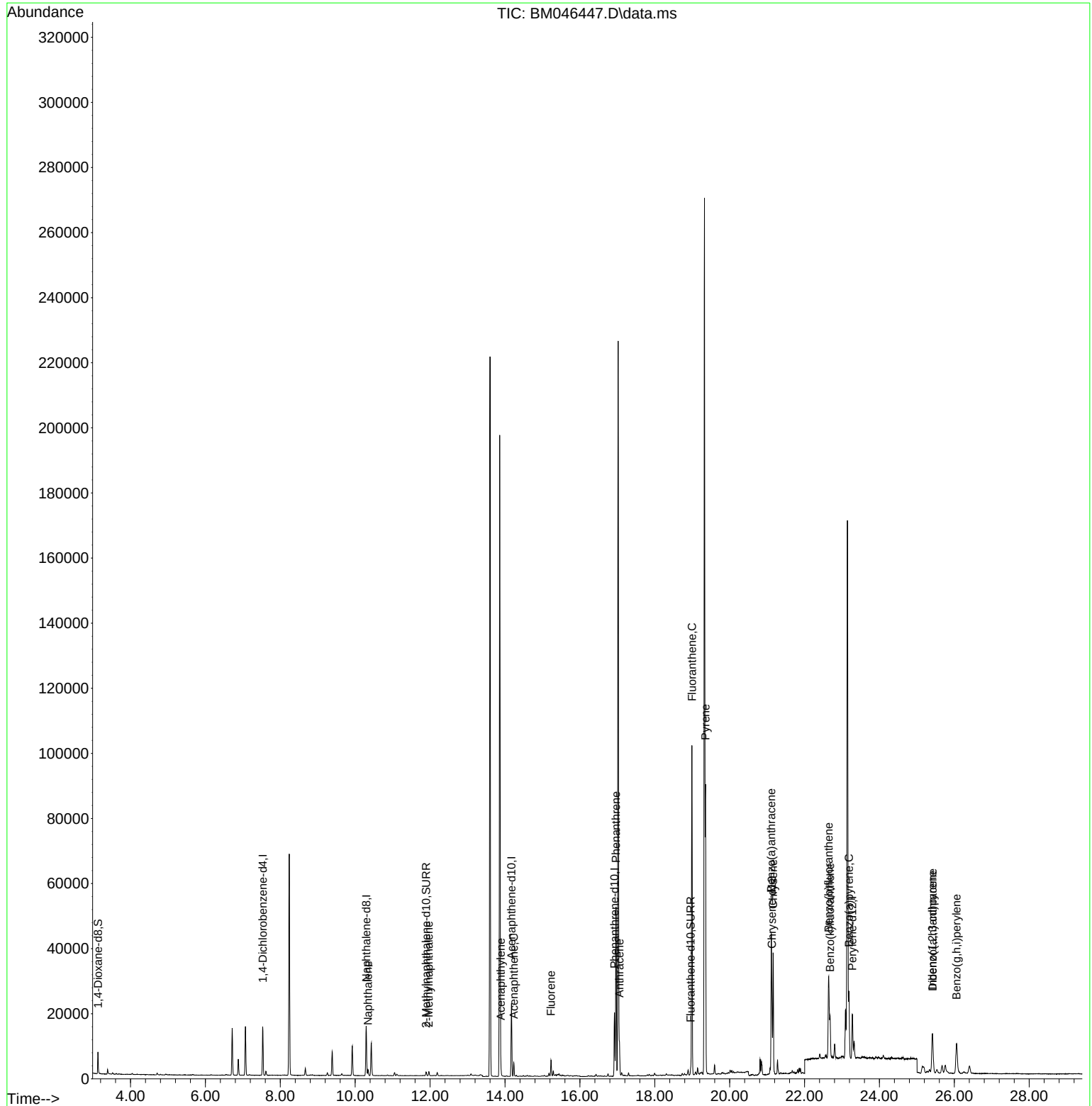
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046447.D
Acq On : 08 Jul 2024 21:55
Operator : MA/JU
Sample : P2982-17DL 5X
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ALS Vial : 18 Sample Multiplier: 1

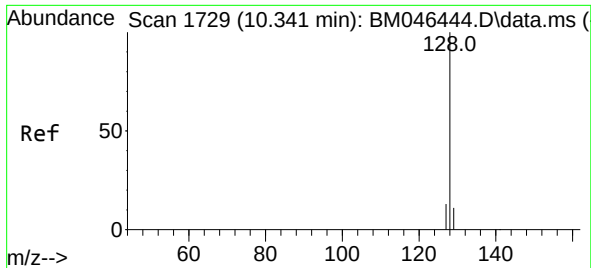
Instrument :
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A4BB8DL

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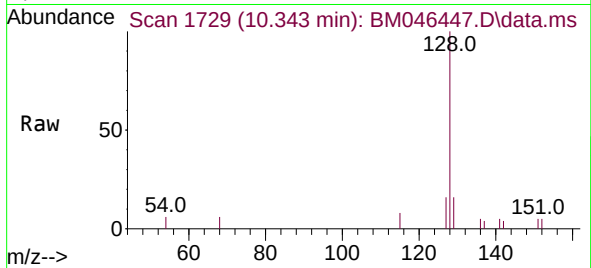
Quant Time: Jul 09 00:59:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.009 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

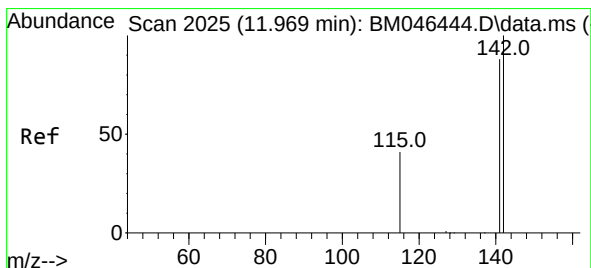
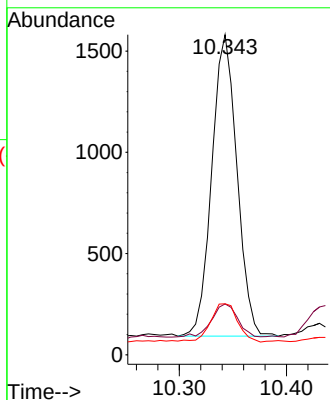
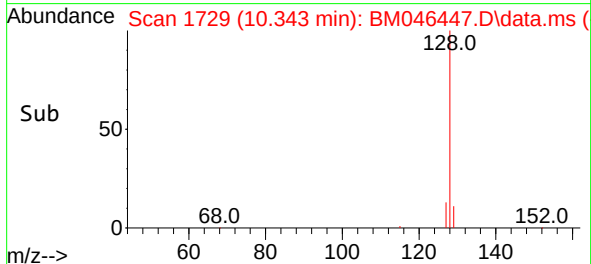
Instrument :
BNA_M
ClientSampleId :
A4BB8DL



Tgt Ion:128 Resp: 242
Ion Ratio Lower Upper
128 100
129 15.9 9.4 14.0
127 15.9 10.8 16.2

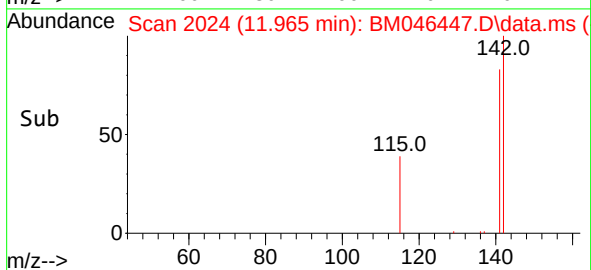
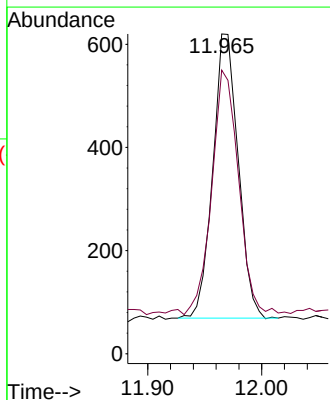
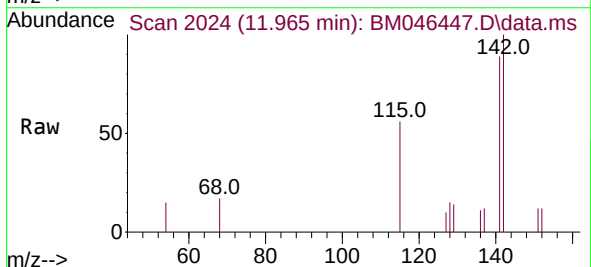
Manual Integrations
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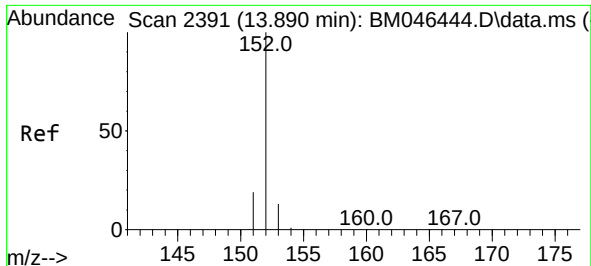
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. -0.015 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

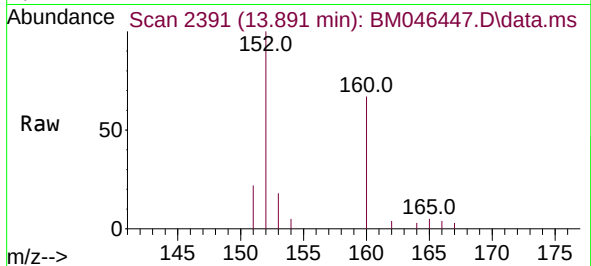
Tgt Ion:142 Resp: 853
Ion Ratio Lower Upper
142 100
141 90.2 69.8 104.6





#10
Acenaphthylene
Concen: 0.051 ng/u1
RT: 13.891 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

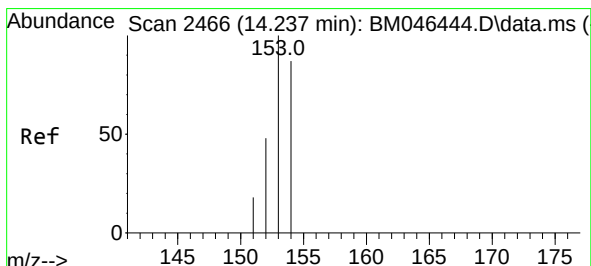
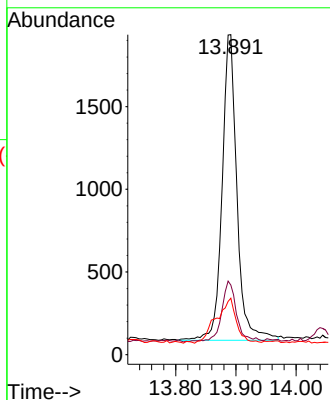
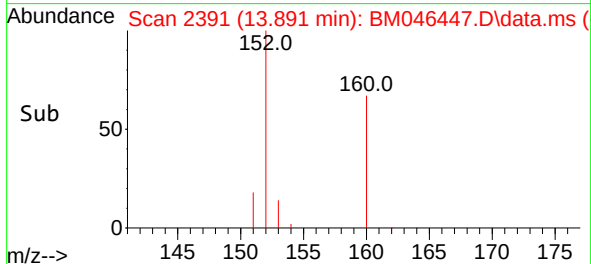
Instrument :
BNA_M
ClientSampleId :
A4BB8DL



Tgt Ion:152 Resp: 3170
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 17.7 11.0 16.6

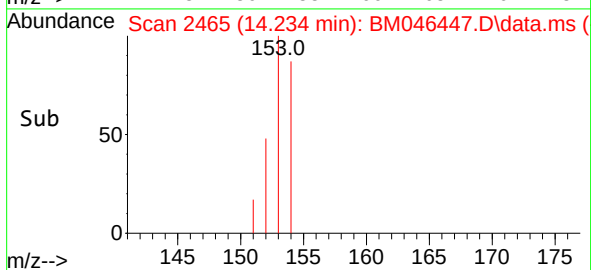
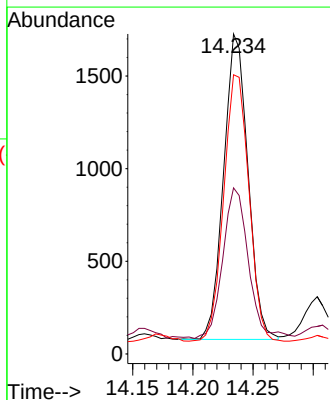
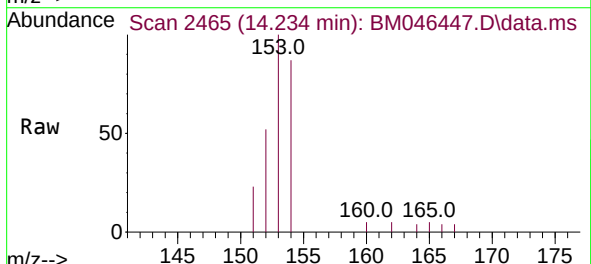
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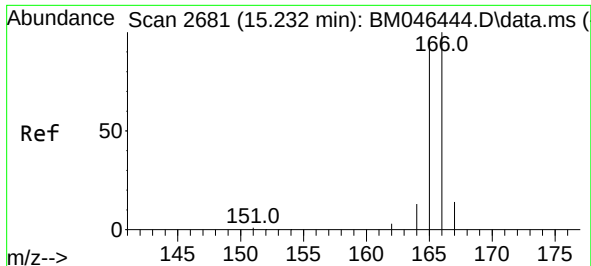
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#11
Acenaphthene
Concen: 0.057 ng/u1
RT: 14.234 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

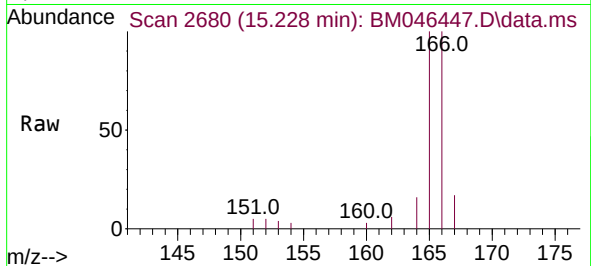
Tgt Ion:153 Resp: 2321
Ion Ratio Lower Upper
153 100
152 51.9 40.4 60.6
154 87.3 72.1 108.1





#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.228 min Scan# 2680
Delta R.T. -0.012 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

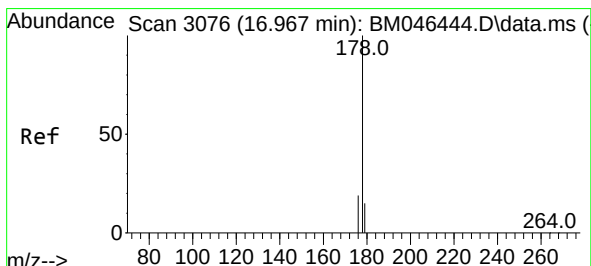
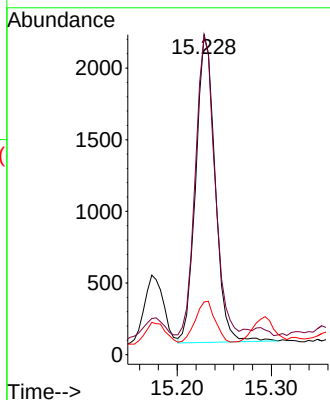
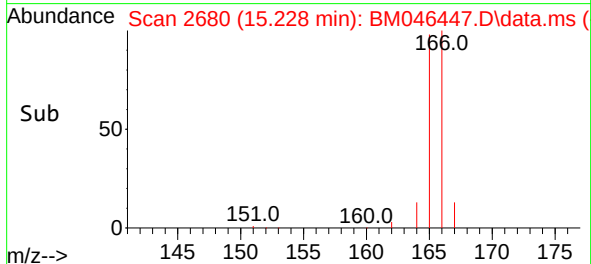
Instrument :
BNA_M
ClientSampleId :
A4BB8DL



Tgt Ion:166 Resp: 306
Ion Ratio Lower Upper
166 100
165 99.6 78.0 117.0
167 16.5 11.4 17.0

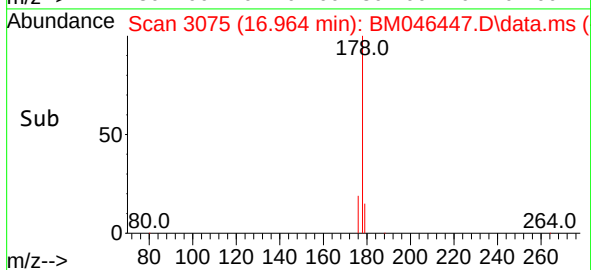
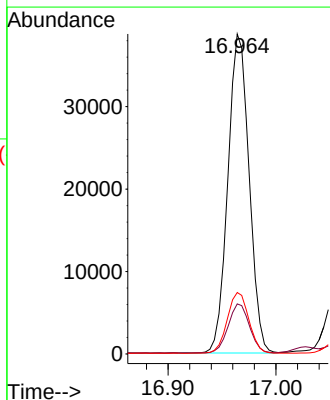
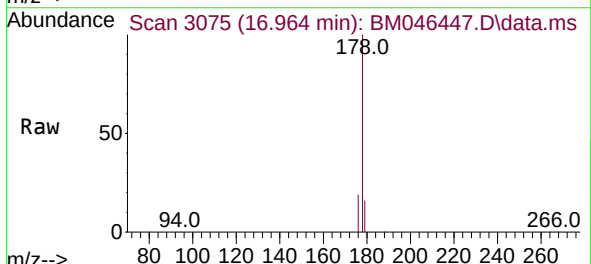
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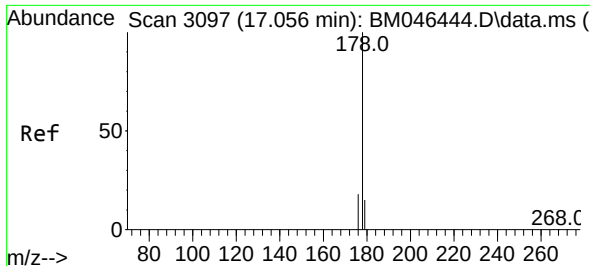
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#15
Phenanthrene
Concen: 0.732 ng/ul
RT: 16.964 min Scan# 3075
Delta R.T. -0.011 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

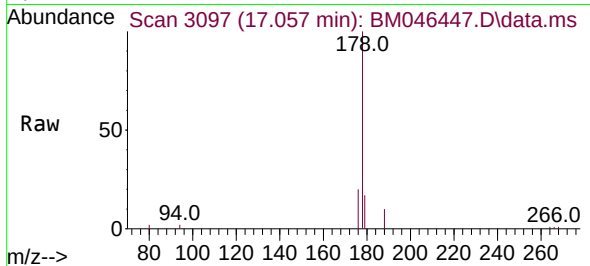
Tgt Ion:178 Resp: 53022
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.2 16.0 24.0





#16
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.057 min Scan# 3097
 Delta R.T. -0.011 min
 Lab File: BM046447.D
 Acq: 08 Jul 2024 21:55

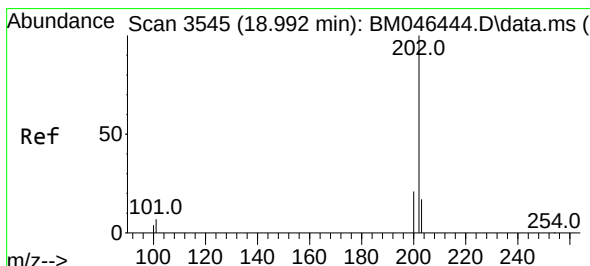
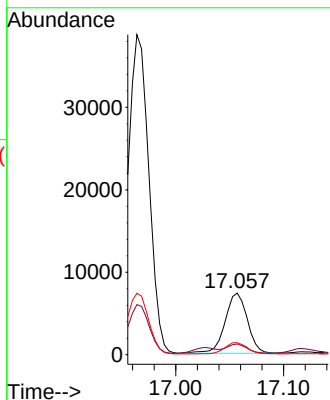
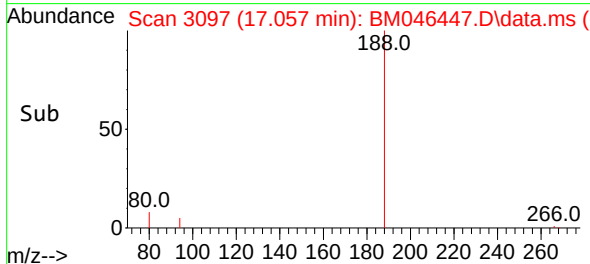
Instrument :
 BNA_M
 ClientSampleId :
 A4BB8DL



Tgt Ion:178 Resp: 10398
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.6 18.8
 176 19.6 14.9 22.3

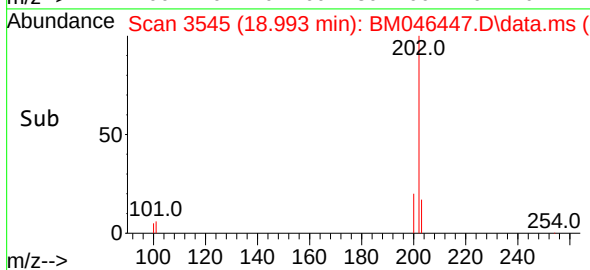
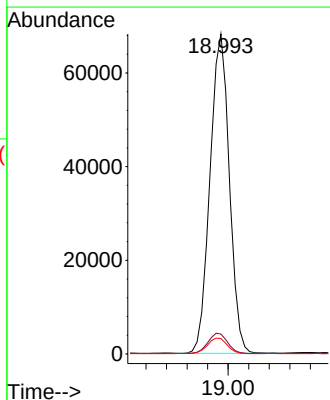
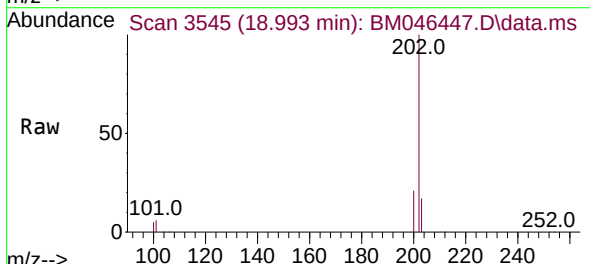
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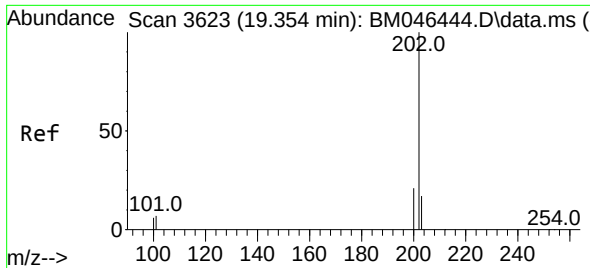
Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024



#19
 Fluoranthene
 Concen: 1.118 ng/ul
 RT: 18.993 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: BM046447.D
 Acq: 08 Jul 2024 21:55

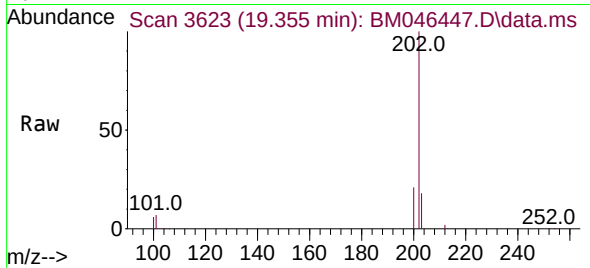
Tgt Ion:202 Resp: 89025
 Ion Ratio Lower Upper
 202 100
 101 6.2 6.3 9.5#
 100 4.8 5.0 7.6#





#20
Pyrene
Concen: 0.915 ng/ul
RT: 19.355 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

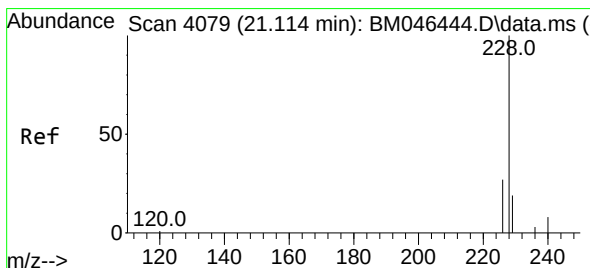
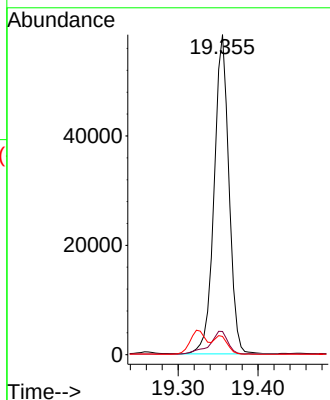
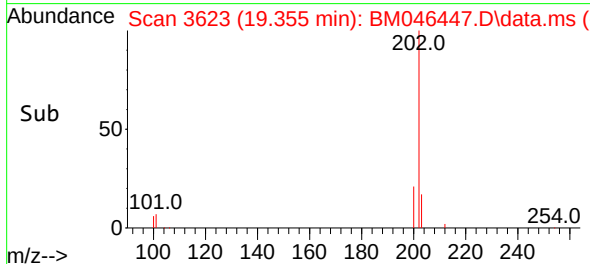
Instrument :
BNA_M
ClientSampleId :
A4BB8DL



Tgt Ion:202 Resp: 7491
Ion Ratio Lower Upper
202 100
101 7.2 8.2 12.4
100 5.7 6.9 10.3

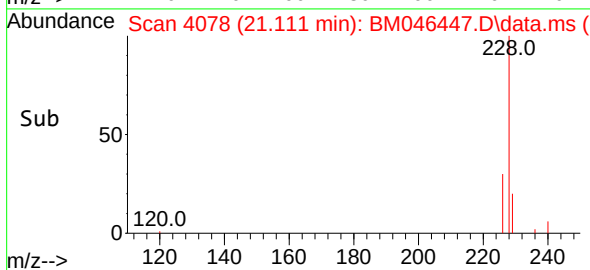
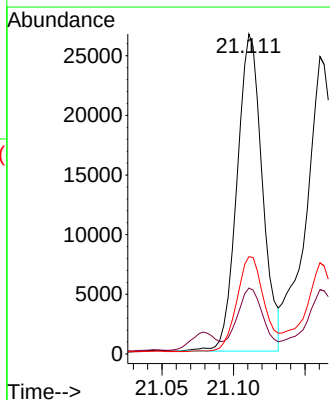
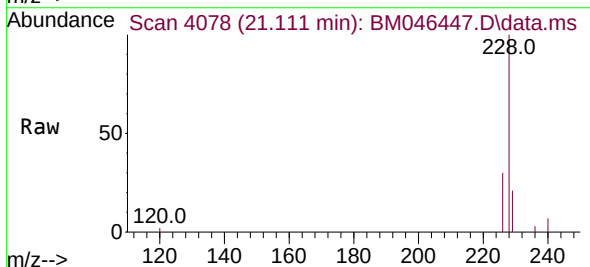
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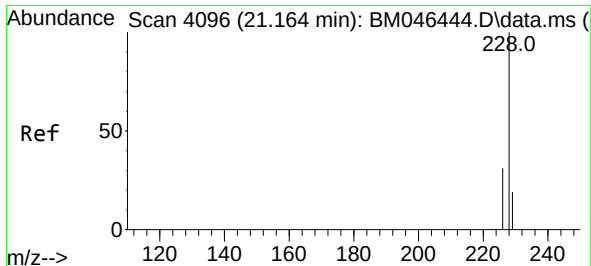
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024



#21
Benzo(a)anthracene
Concen: 0.466 ng/ul
RT: 21.111 min Scan# 4078
Delta R.T. -0.015 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

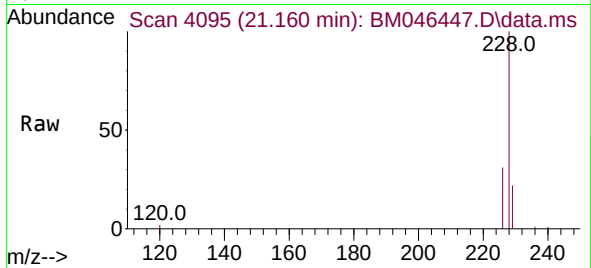
Tgt Ion:228 Resp: 32820
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 30.4 22.0 33.0





#22
Chrysene
Concen: 0.492 ng/ul
RT: 21.160 min Scan# 4096
Delta R.T. -0.018 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

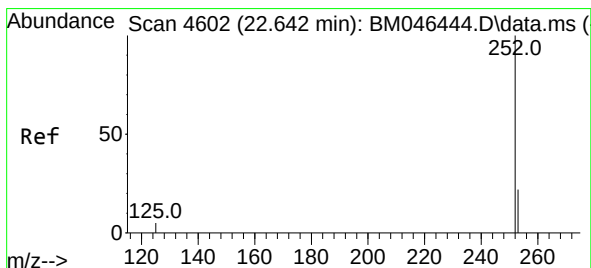
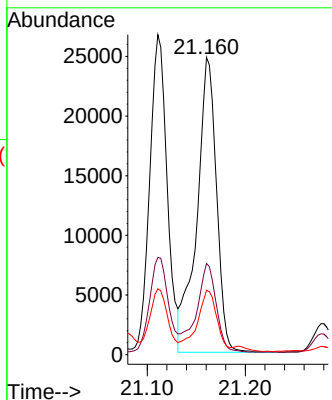
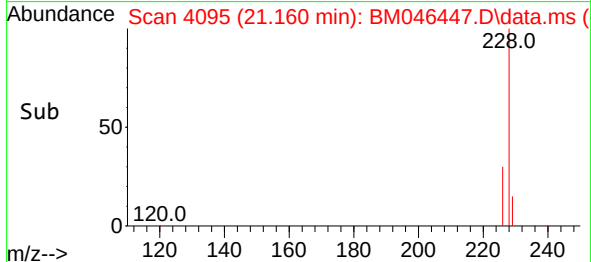
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A4BB8DL



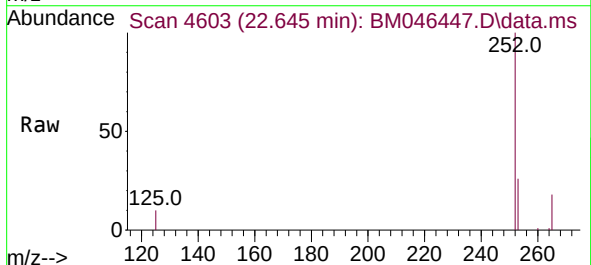
Tgt Ion:228 Resp: 34399
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.6 15.8 23.6

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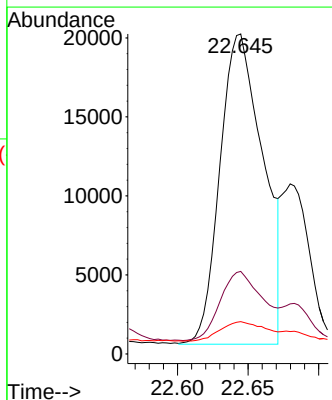
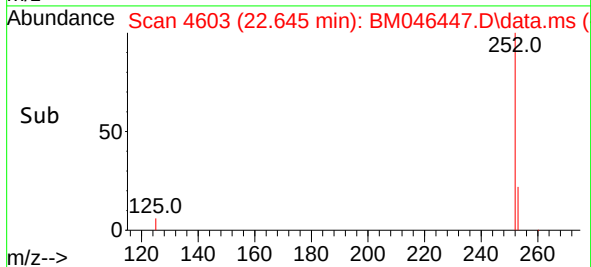
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

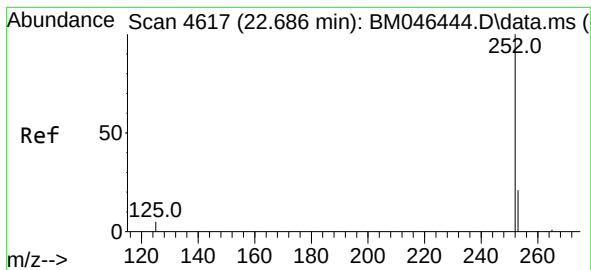


#24
Benzo(b)fluoranthene
Concen: 0.628 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.018 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55



Tgt Ion:252 Resp: 41712
Ion Ratio Lower Upper
252 100
253 25.8 0.0 47.0
125 10.1 0.0 18.4





#25

Benzo(k)fluoranthene

Concen: 0.207 ng/ul m

RT: 22.680 min Scan# 4

Delta R.T. -0.027 min

Lab File: BM046447.D

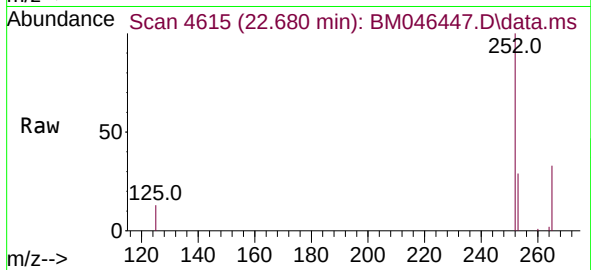
Acq: 08 Jul 2024 21:55

Instrument :

BNA_M

ClientSampleId :

A4BB8DL



Tgt Ion:252 Resp: 1390

Ion Ratio Lower Upper

252 100

253 29.5 18.4 27.6

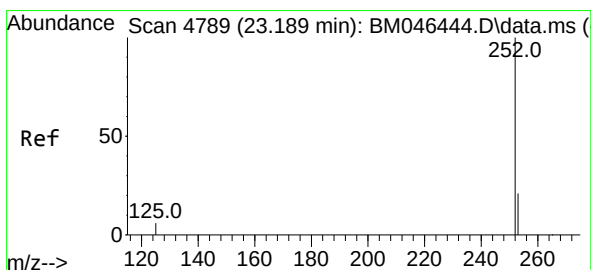
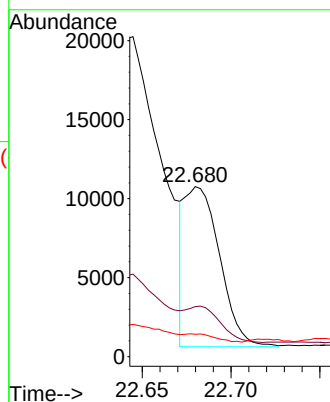
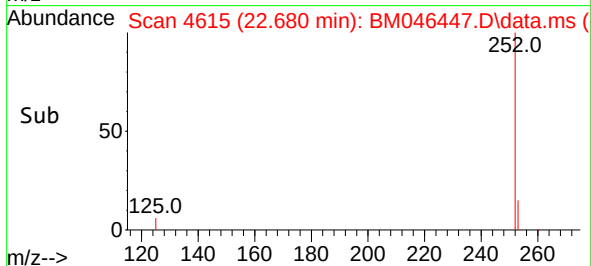
125 13.2 7.5 11.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/09/2024

Supervised By :mohammad ahmed 07/10/2024



#26

Benzo(a)pyrene

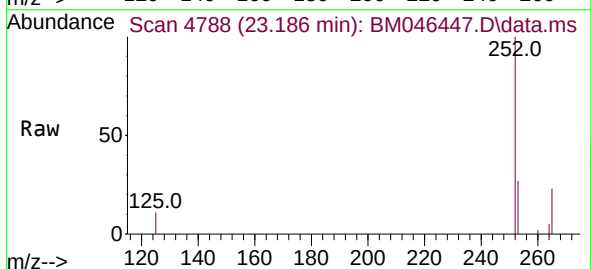
Concen: 0.515 ng/ul

RT: 23.186 min Scan# 4788

Delta R.T. -0.024 min

Lab File: BM046447.D

Acq: 08 Jul 2024 21:55



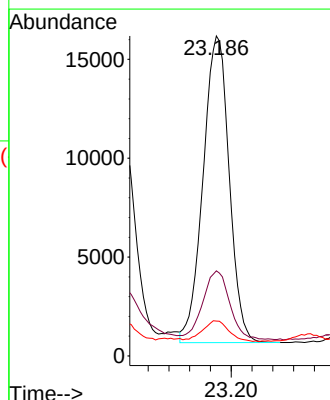
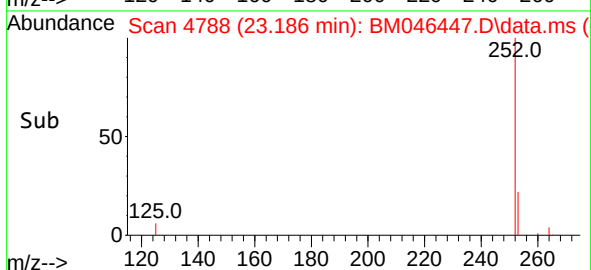
Tgt Ion:252 Resp: 27042

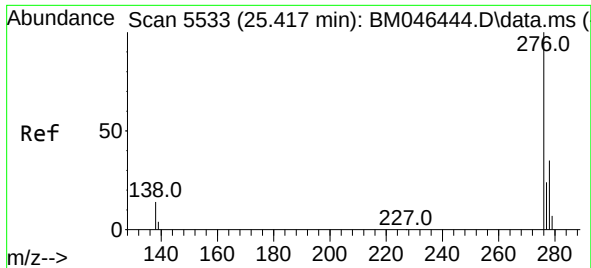
Ion Ratio Lower Upper

252 100

253 26.6 18.9 28.3

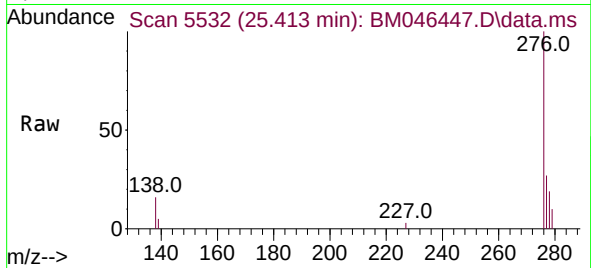
125 10.9 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng/ul
RT: 25.413 min Scan# 5532
Delta R.T. -0.034 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55

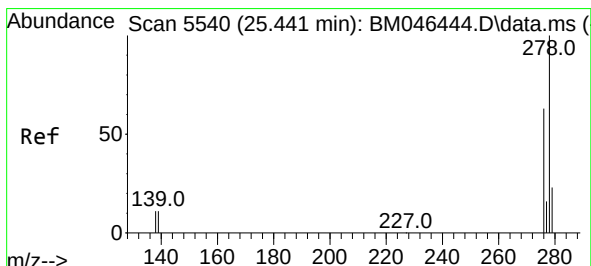
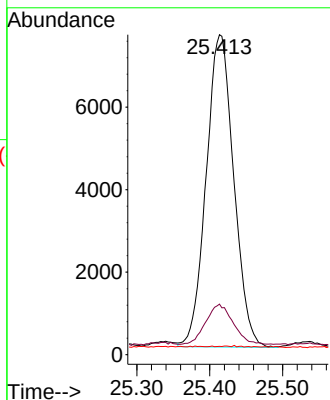
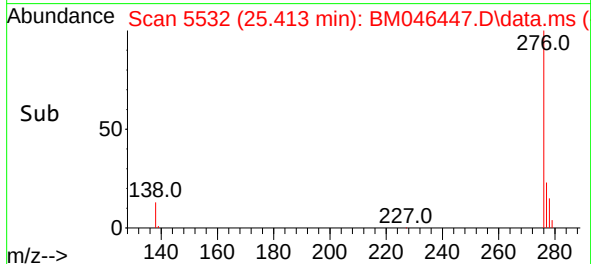
Instrument :
BNA_M
ClientSampleId :
A4BB8DL



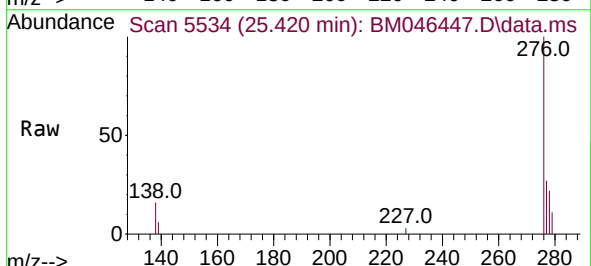
Tgt Ion:276 Resp: 1991
Ion Ratio Lower Upper
276 100
138 12.7 15.7 23.5#
227 0.1 0.1 0.1

Manual Integrations
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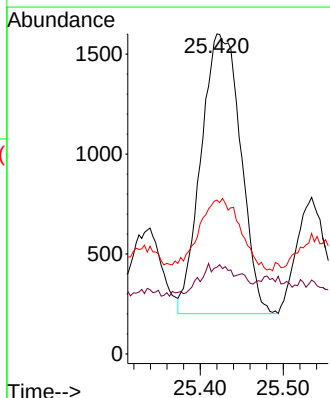
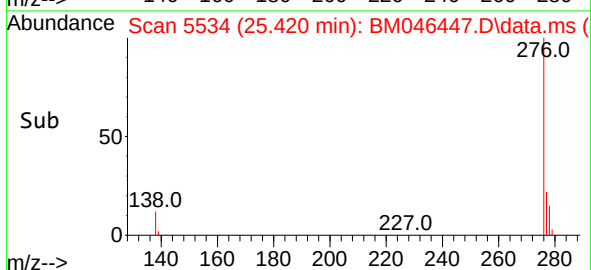
Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/10/2024

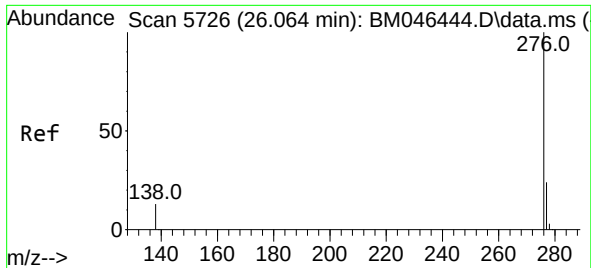


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.420 min Scan# 5534
Delta R.T. -0.054 min
Lab File: BM046447.D
Acq: 08 Jul 2024 21:55



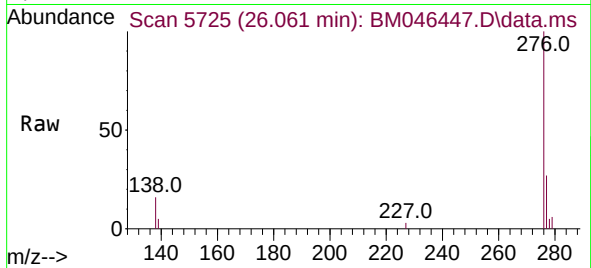
Tgt Ion:278 Resp: 4630
Ion Ratio Lower Upper
278 100
139 27.1 12.6 18.8#
279 48.1 20.7 31.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.343 ng/ul
 RT: 26.061 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: BM046447.D
 Acq: 08 Jul 2024 21:55

Instrument :
 BNA_M
 ClientSampleId :
 A4BB8DL



Tgt Ion:276 Resp: 1937
 Ion Ratio Lower Upper
 276 100
 138 16.0 15.4 23.0
 277 26.8 19.7 29.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

