

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046837.D
 Acq On : 26 Jul 2024 19:08
 Operator : MA/JU
 Sample : P3263-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 00:07:27 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	4572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	13660	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.114	164	7836	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	14542	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	8417	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9866	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	2825	0.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	1221	0.056	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	1914	0.070	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	1078	0.031	ng/ul#	81
7) 2-Methylnaphthalene	11.899	142	503	0.021	ng/ul	94
10) Acenaphthylene	13.831	152	2707	0.075	ng/ul#	94
11) Acenaphthene	14.178	153	2476	0.102	ng/ul	98
12) Fluorene	15.173	166	3062	0.101	ng/ul	98
15) Phenanthrene	16.909	178	60689	1.452	ng/ul	98
16) Anthracene	17.002	178	11945	0.307	ng/ul	99
19) Fluoranthene	18.942	202	115501	3.125	ng/ul	98
20) Pyrene	19.304	202	79039	2.067	ng/ul#	96
21) Benzo(a)anthracene	21.064	228	41248	1.176	ng/ul	98
22) Chrysene	21.117	228	45700	1.283	ng/ul	97
24) Benzo(b)fluoranthene	22.580	252	64005m	1.478	ng/ul	
25) Benzo(k)fluoranthene	22.618	252	23341m	0.535	ng/ul	
26) Benzo(a)pyrene	23.115	252	22927	0.737	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.309	276	24443	0.511	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.323	278	7590	0.217	ng/ul#	77
29) Benzo(g,h,i)perylene	25.950	276	4134	0.098	ng/ul#	66

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

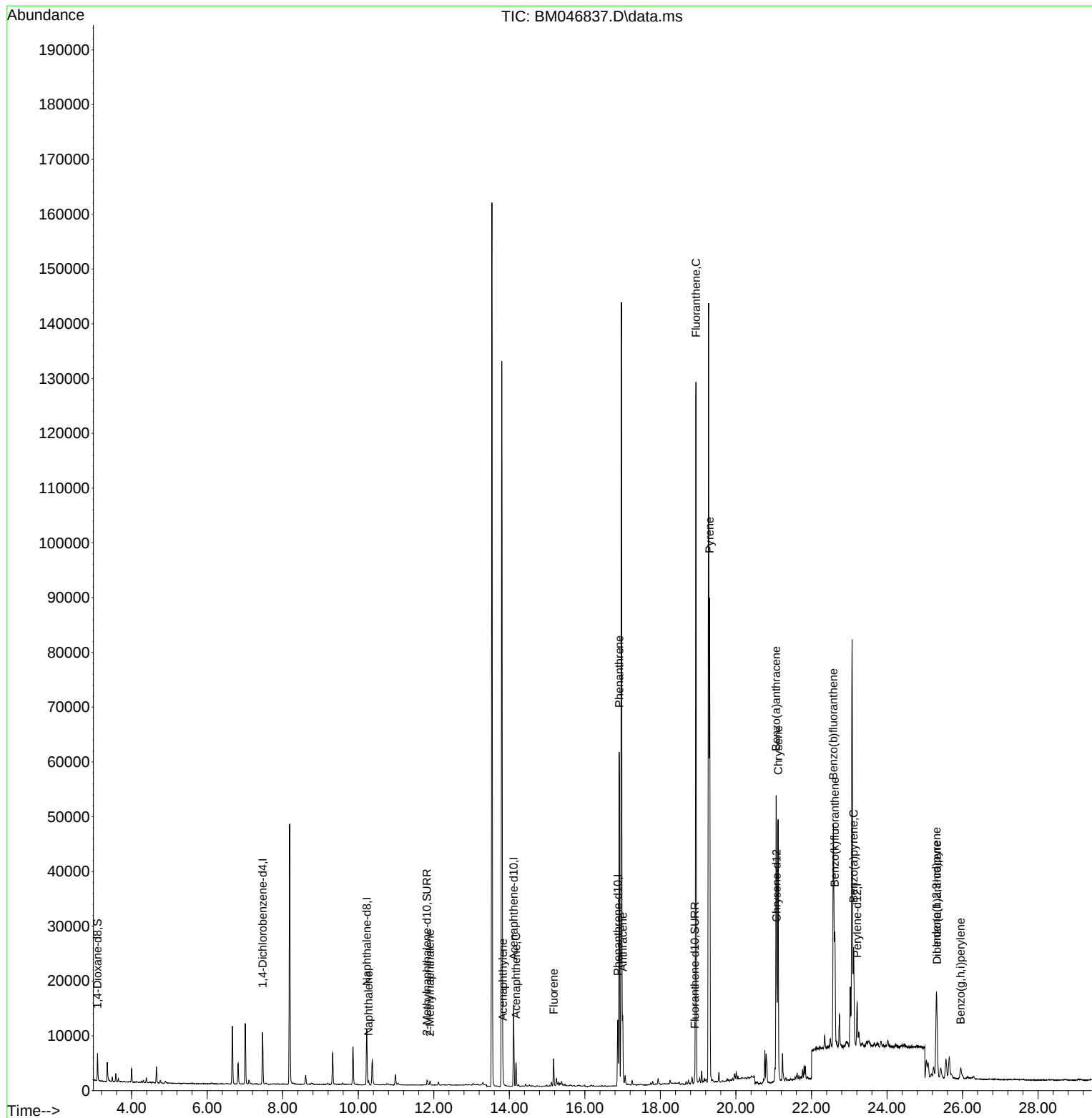
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046837.D
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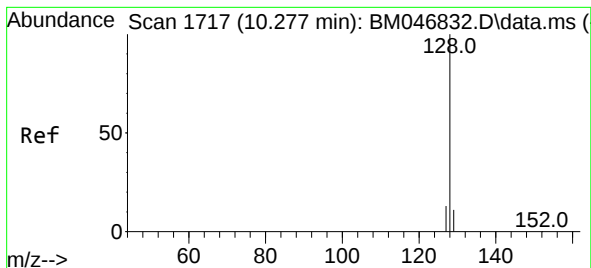
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#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.271 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM046837.D

Acq: 26 Jul 2024 19:08

Instrument :

BNA_M

ClientSampleId :

A4BA5DL

Tgt Ion:128 Resp: 1078

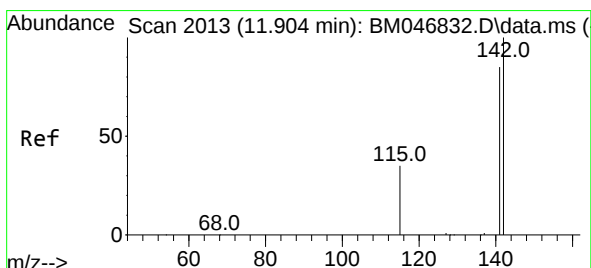
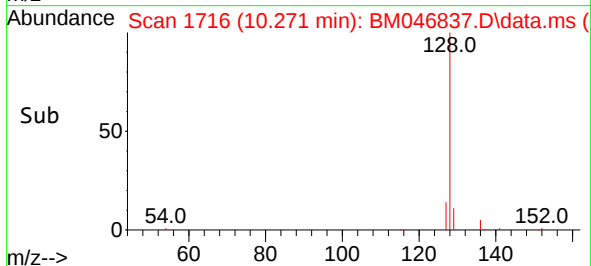
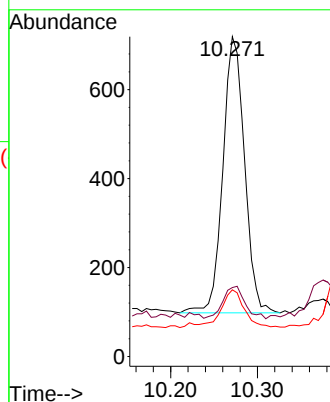
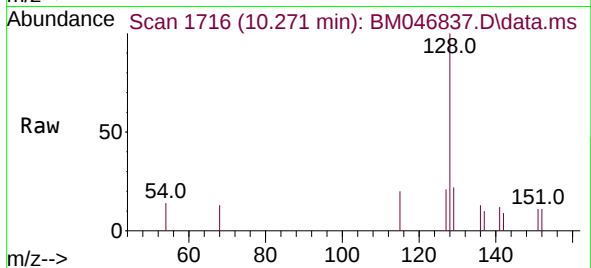
Ion	Ratio	Lower	Upper
128	100		
129	21.6	10.1	15.1
127	20.9	11.5	17.3

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#7

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 11.899 min Scan# 2012

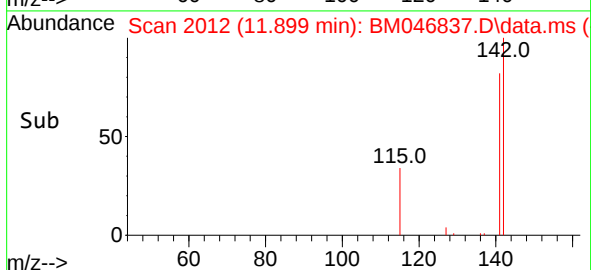
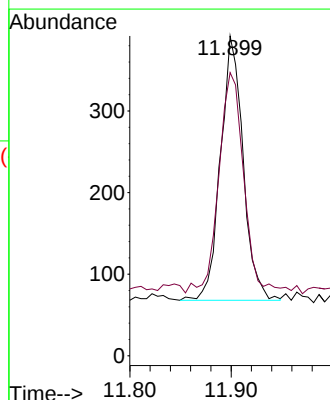
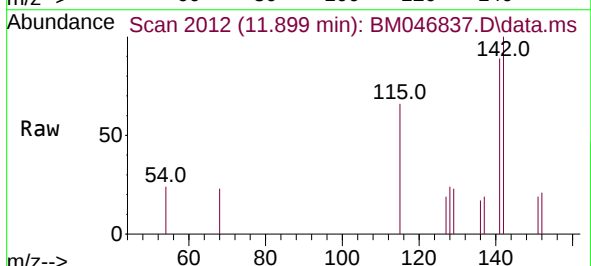
Delta R.T. -0.005 min

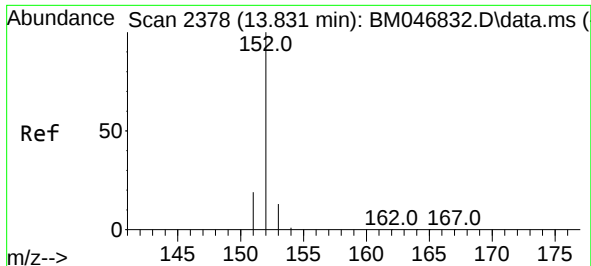
Lab File: BM046837.D

Acq: 26 Jul 2024 19:08

Tgt Ion:142 Resp: 503

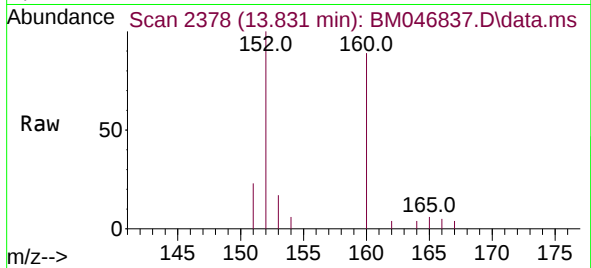
Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.5	105.7





#10
Acenaphthylene
Concen: 0.075 ng/u1
RT: 13.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

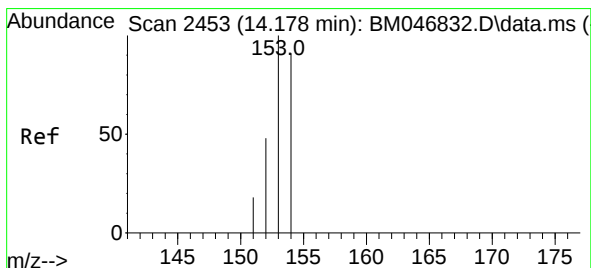
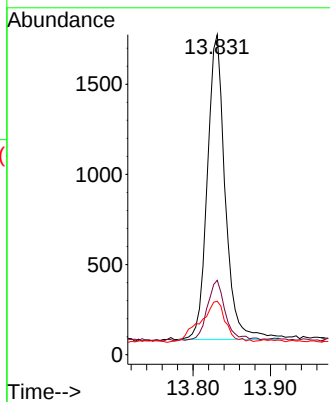
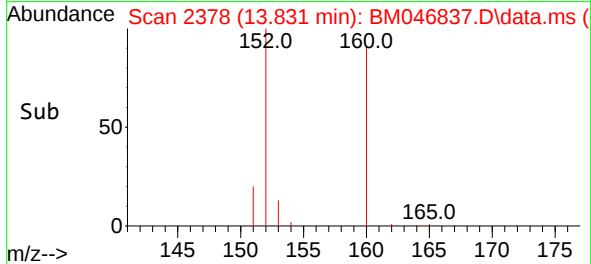
Instrument :
BNA_M
ClientSampleId :
A4BA5DL



Tgt Ion:152 Resp: 270
Ion Ratio Lower Upper
152 100
151 23.3 16.8 25.2
153 16.7 11.0 16.6

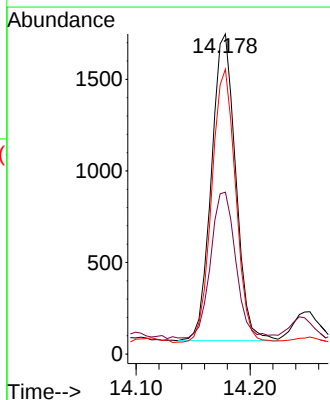
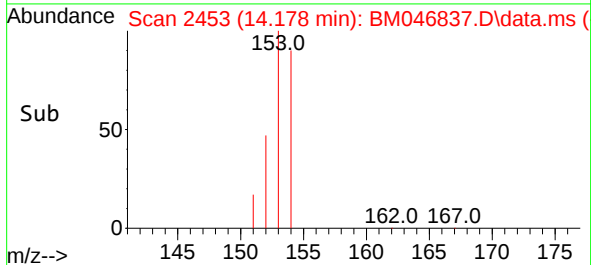
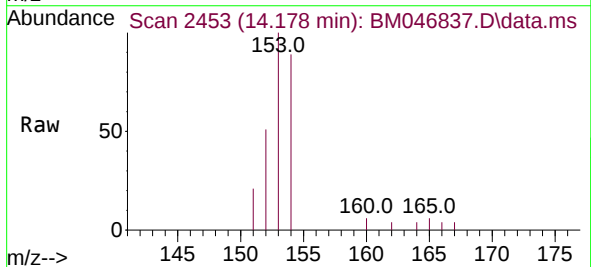
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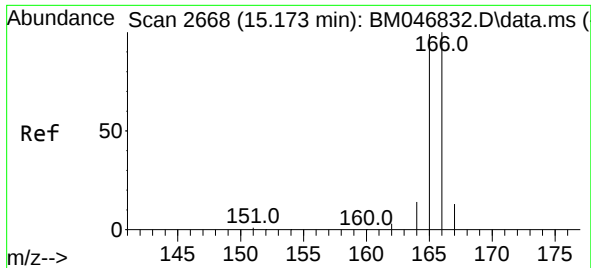
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#11
Acenaphthene
Concen: 0.102 ng/u1
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

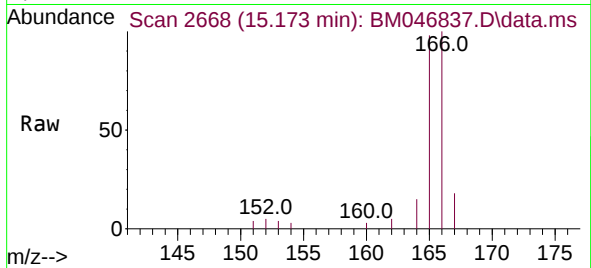
Tgt Ion:153 Resp: 2476
Ion Ratio Lower Upper
153 100
152 50.6 38.6 57.8
154 89.0 70.8 106.2





#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.173 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

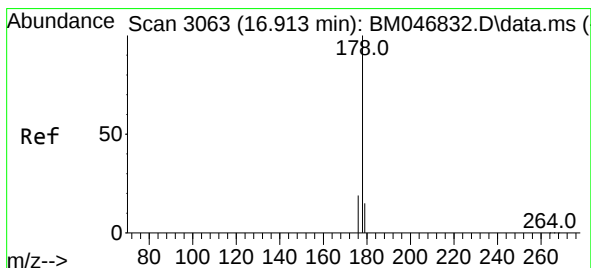
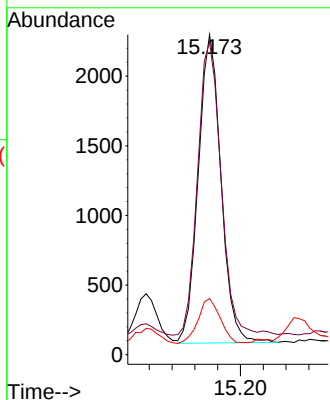
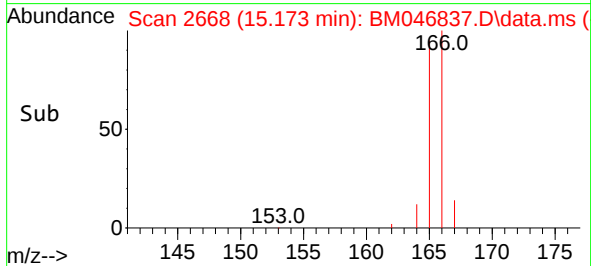
Instrument :
BNA_M
ClientSampleId :
A4BA5DL



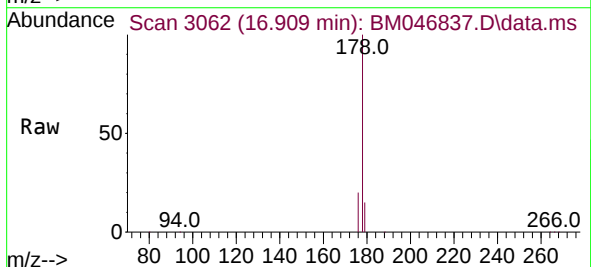
Tgt Ion:166 Resp: 3062
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.6
167 17.5 12.3 18.5

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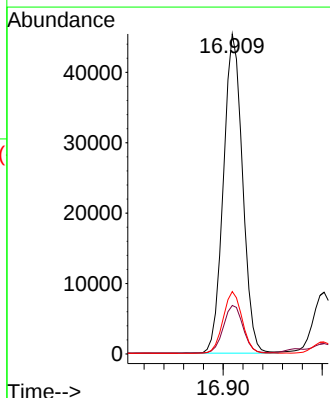
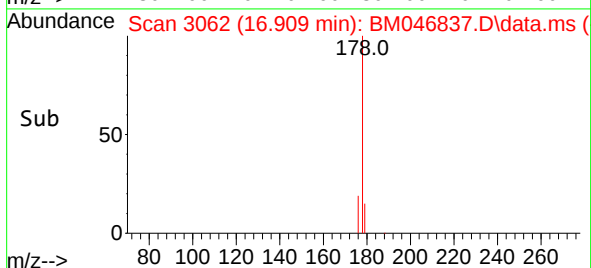
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

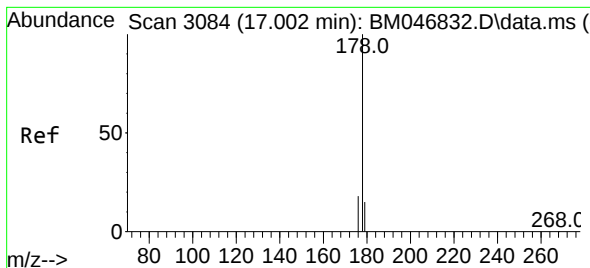


#15
Phenanthrene
Concen: 1.452 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08



Tgt Ion:178 Resp: 60689
Ion Ratio Lower Upper
178 100
179 15.2 13.4 20.2
176 19.5 16.1 24.1





#16

Anthracene

Concen: 0.307 ng/ul

RT: 17.002 min Scan# 3084

Delta R.T. -0.004 min

Lab File: BM046837.D

Acq: 26 Jul 2024 19:08

Instrument :

BNA_M

ClientSampleId :

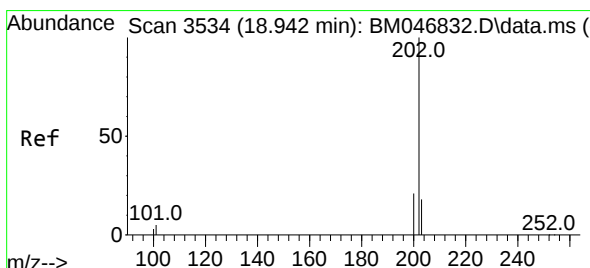
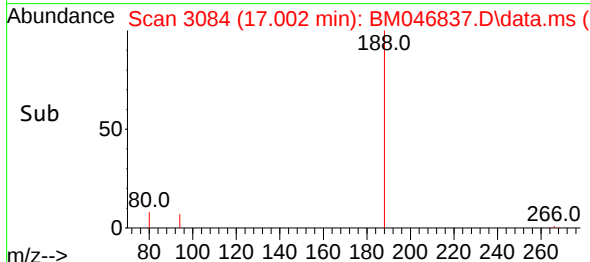
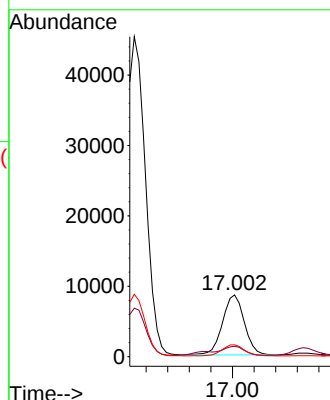
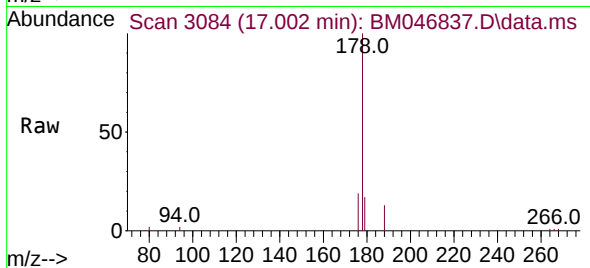
A4BA5DL

Tgt Ion:178	Resp:	11945
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.1 19.7
176	19.3	15.0 22.6

Manual Integrations
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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#19

Fluoranthene

Concen: 3.125 ng/ul

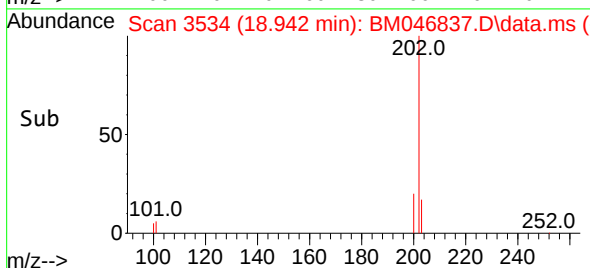
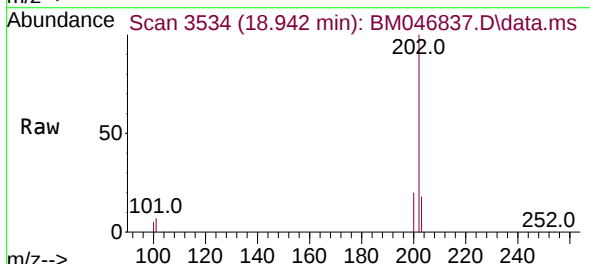
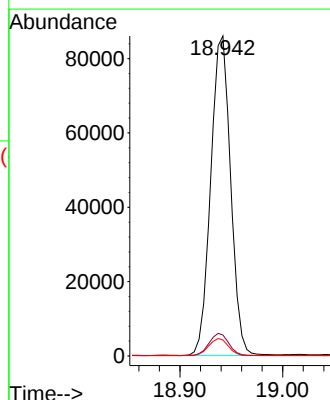
RT: 18.942 min Scan# 3534

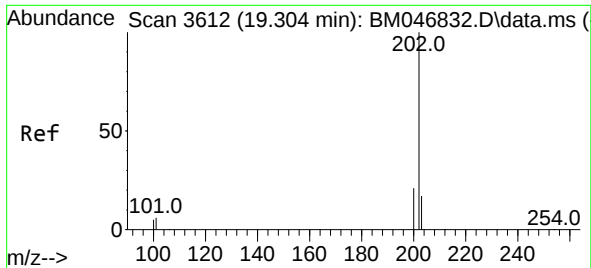
Delta R.T. 0.000 min

Lab File: BM046837.D

Acq: 26 Jul 2024 19:08

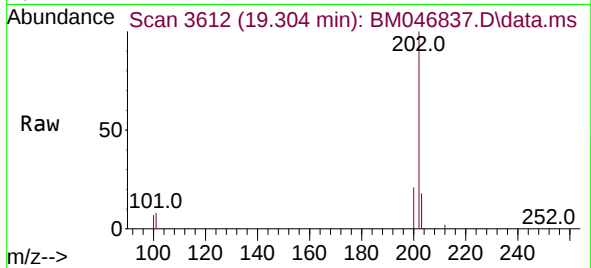
Tgt Ion:202	Resp:	115501
Ion Ratio	Lower	Upper
202	100	
101	6.5	4.7 7.1
100	5.0	3.4 5.2





#20
Pyrene
Concen: 2.067 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

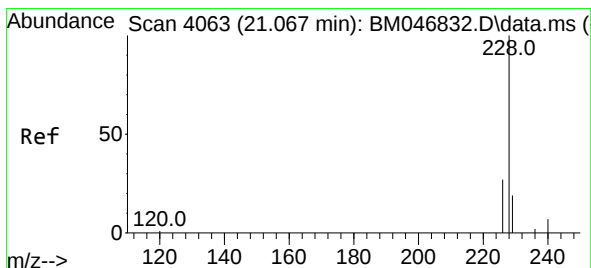
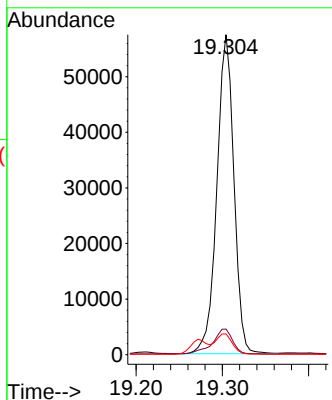
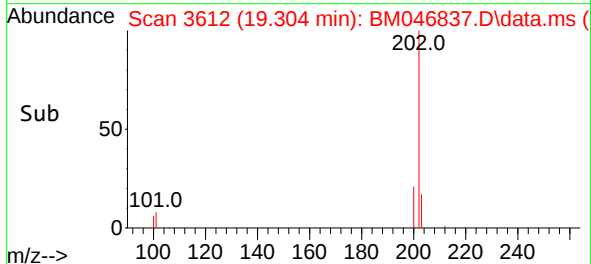
Instrument :
BNA_M
ClientSampleId :
A4BA5DL



Tgt Ion:202 Resp: 79039
Ion Ratio Lower Upper
202 100
101 8.0 5.2 7.8
100 6.5 4.3 6.5

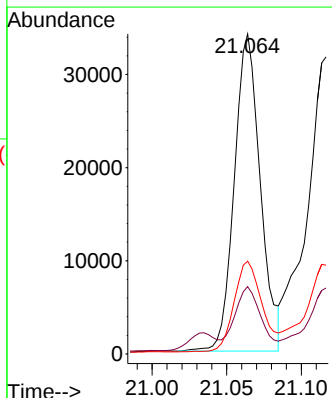
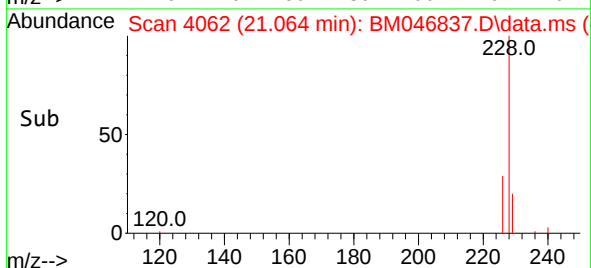
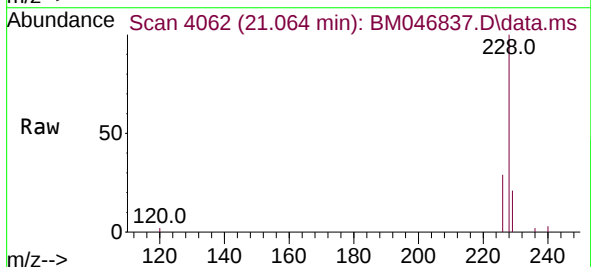
Manual Integrations
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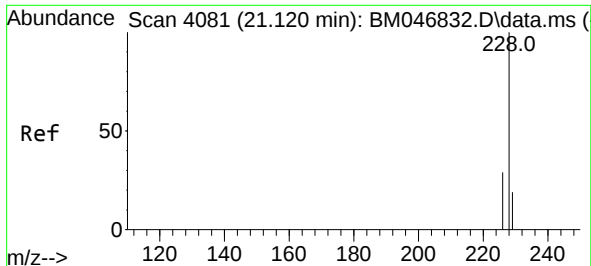
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 1.176 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

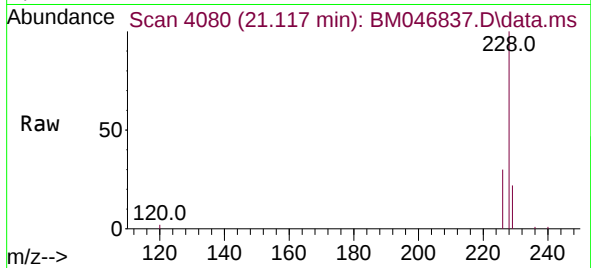
Tgt Ion:228 Resp: 41248
Ion Ratio Lower Upper
228 100
229 21.0 16.3 24.5
226 29.0 22.3 33.5





#22
Chrysene
Concen: 1.283 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

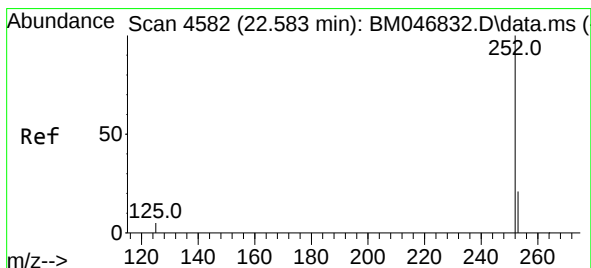
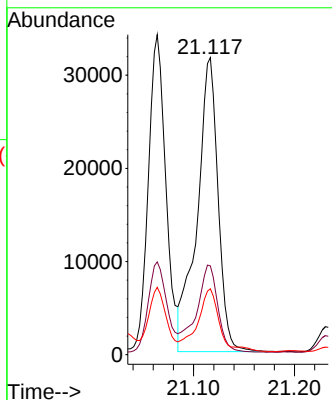
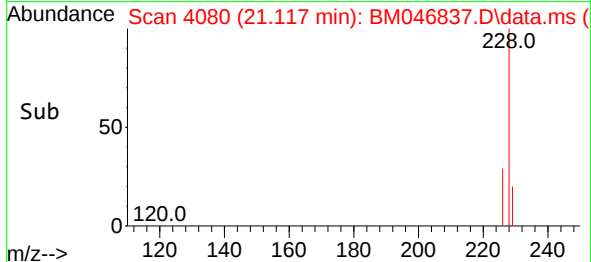
Instrument :
BNA_M
ClientSampleId :
A4BA5DL



Tgt Ion:228 Resp: 45700
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.2 16.2 24.2

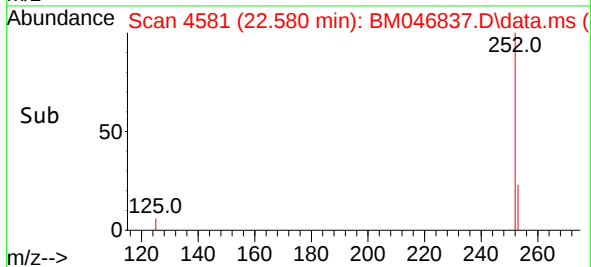
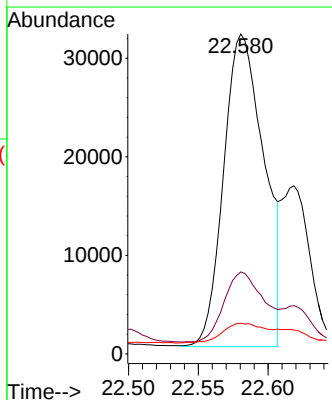
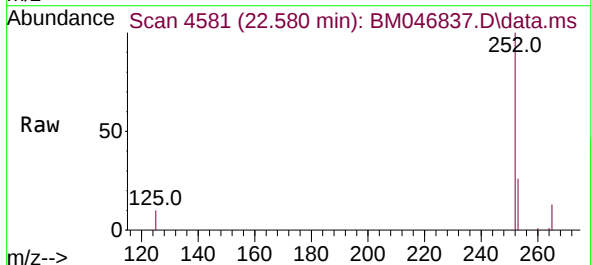
Manual Integrations
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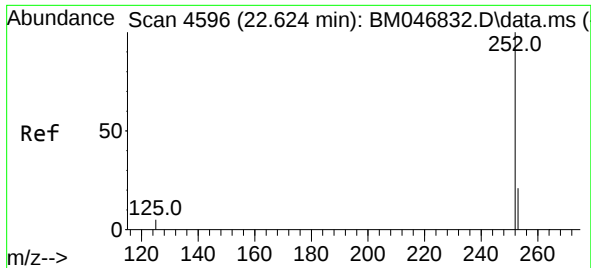
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#24
Benzo(b)fluoranthene
Concen: 1.478 ng/ul m
RT: 22.580 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

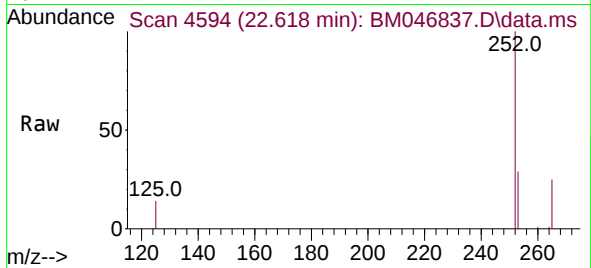
Tgt Ion:252 Resp: 64005
Ion Ratio Lower Upper
252 100
253 25.6 0.0 56.4
125 9.6 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.535 ng/ul m
RT: 22.618 min Scan# 4594
Delta R.T. -0.003 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

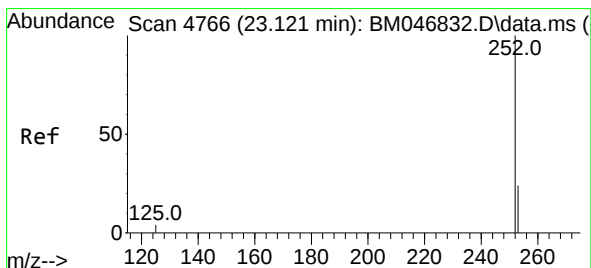
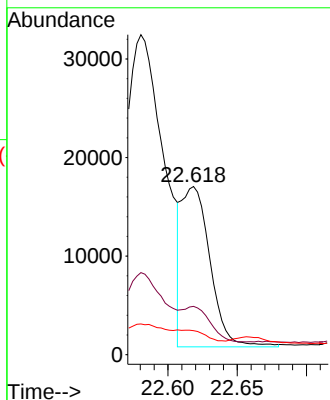
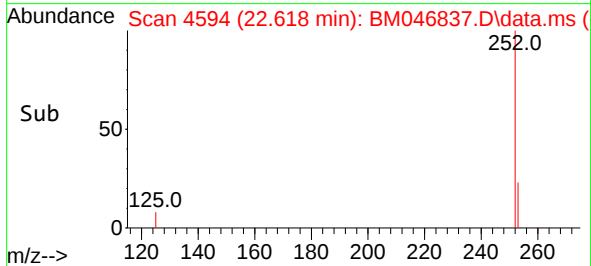
Instrument :
BNA_M
ClientSampleId :
A4BA5DL



Tgt Ion:252 Resp: 2334
Ion Ratio Lower Upper
252 100
253 28.7 23.5 35.3
125 14.3 8.6 13.0

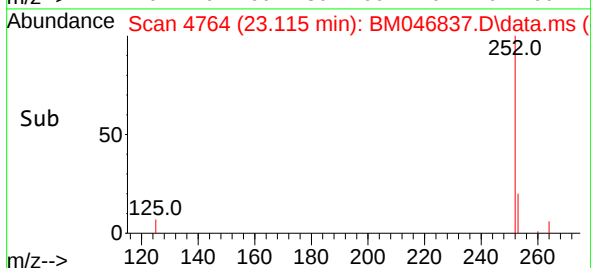
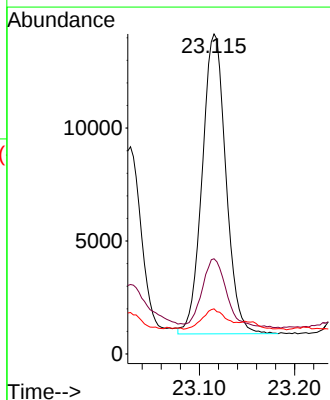
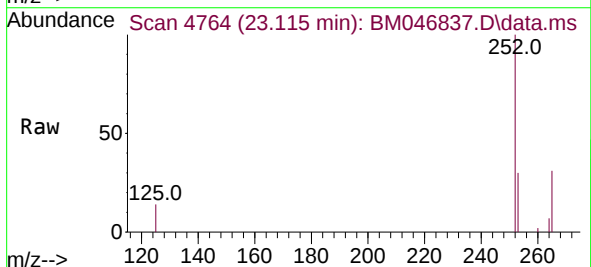
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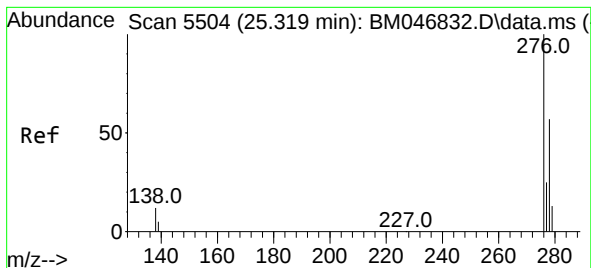
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 0.737 ng/ul
RT: 23.115 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:252 Resp: 22927
Ion Ratio Lower Upper
252 100
253 29.7 26.0 39.0
125 14.1 7.8 11.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.511 ng/ul

RT: 25.309 min Scan# 5501

Delta R.T. -0.007 min

Lab File: BM046837.D

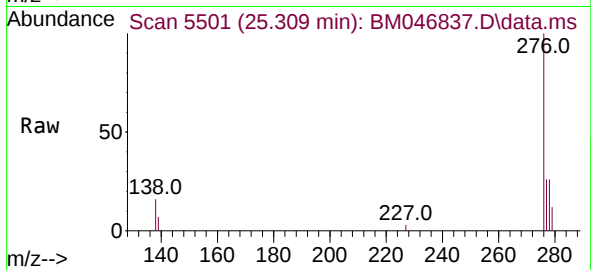
Acq: 26 Jul 2024 19:08

Instrument :

BNA_M

ClientSampleId :

A4BA5DL



Tgt Ion:276 Resp: 2444

Ion Ratio Lower Upper

276 100

138 14.3 9.7 14.5

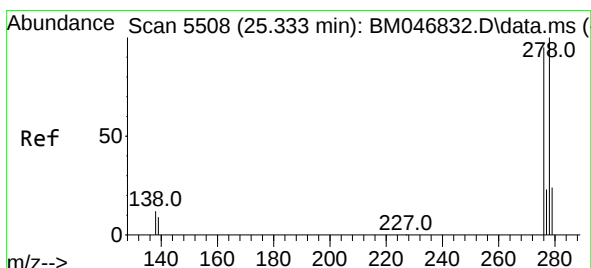
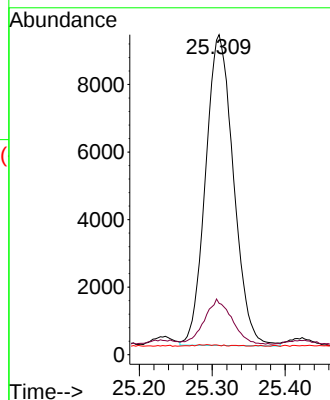
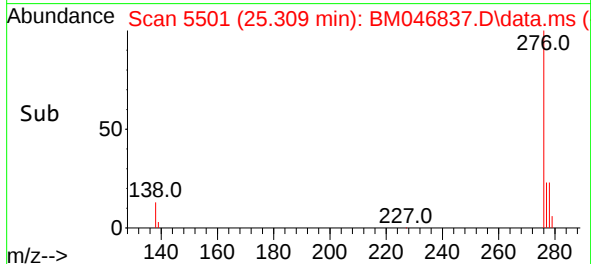
227 0.0 0.2 0.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.217 ng/ul

RT: 25.323 min Scan# 5505

Delta R.T. -0.010 min

Lab File: BM046837.D

Acq: 26 Jul 2024 19:08

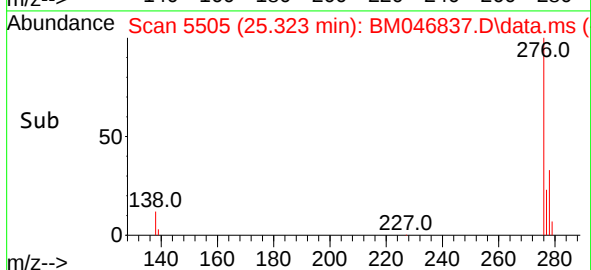
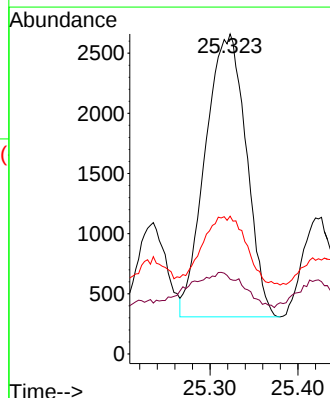
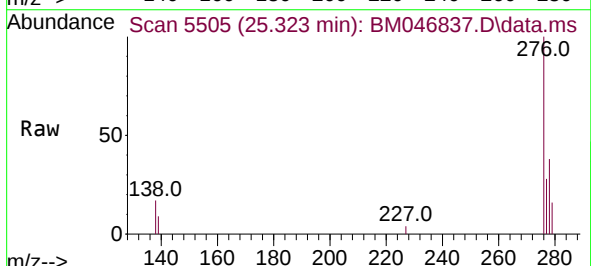
Tgt Ion:278 Resp: 7590

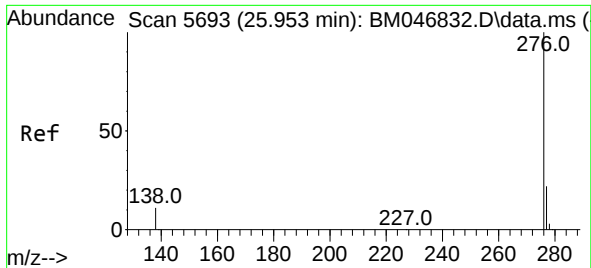
Ion Ratio Lower Upper

278 100

139 23.3 9.8 14.8#

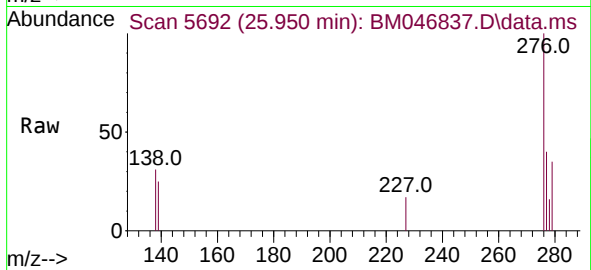
279 43.0 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 25.950 min Scan# 50
Delta R.T. -0.003 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL



Tgt Ion: 276 Resp: 4134
Ion Ratio Lower Upper
276 100
138 31.1 9.5 14.3
277 39.8 20.9 31.3

Manual Integrations
APPROVED

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

