

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046831.D
 Acq On : 26 Jul 2024 15:28
 Operator : MA/JU
 Sample : P3264-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CM0

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 16:07:58 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	3977	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	11665	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	7432	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	15620	0.400	ng/ul	0.00
17) Chrysene-d12	21.081	240	8067	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	8877m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	7734	2.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	3853	0.208	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	7151	0.272	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.271	128	855	0.029	ng/ul#	76
7) 2-Methylnaphthalene	11.899	142	430	0.021	ng/ul	99
10) Acenaphthylene	13.831	152	2870	0.084	ng/ul#	94
11) Acenaphthene	14.178	153	789	0.034	ng/ul	96
12) Fluorene	15.173	166	1371	0.047	ng/ul#	98
15) Phenanthrene	16.913	178	23665	0.527	ng/ul	98
16) Anthracene	17.002	178	4487	0.107	ng/ul	95
19) Fluoranthene	18.942	202	39655	1.119	ng/ul	100
20) Pyrene	19.309	202	34732	0.948	ng/ul	100
21) Benzo(a)anthracene	21.067	228	13608	0.405	ng/ul	94
22) Chrysene	21.119	228	15515	0.454	ng/ul	96
24) Benzo(b)fluoranthene	22.583	252	23248m	0.597	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	8171m	0.208	ng/ul	
26) Benzo(a)pyrene	23.121	252	13997	0.500	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.316	276	8808	0.205	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.323	278	2194	0.070	ng/ul#	31
29) Benzo(g,h,i)perylene	25.957	276	9107	0.240	ng/ul#	90

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

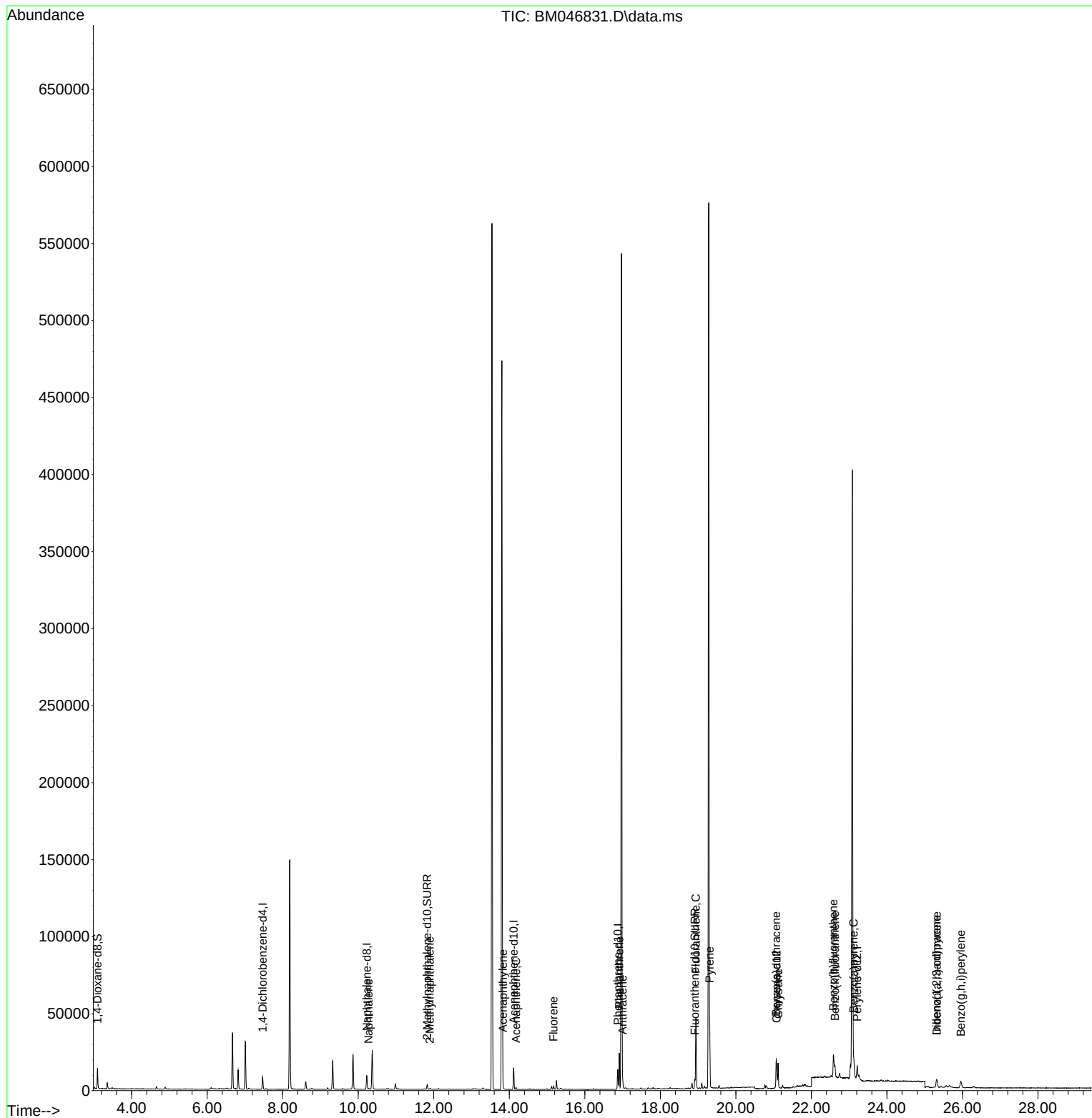
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046831.D
Acq On : 26 Jul 2024 15:28
Operator : MA/JU
Sample : P3264-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

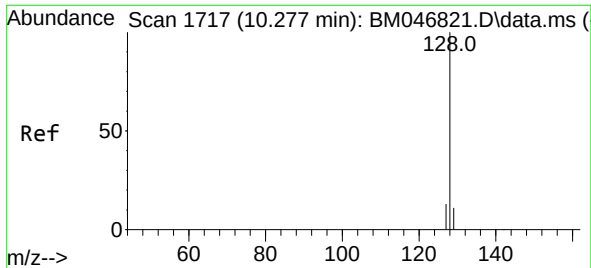
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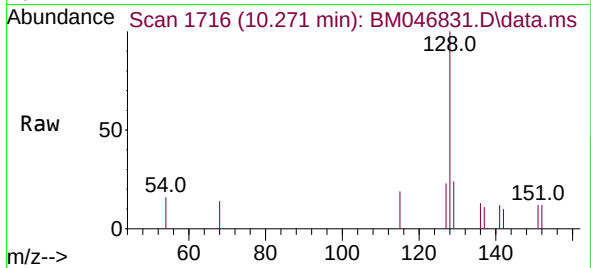
Quant Time: Jul 26 16:07:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.029 ng/u1
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

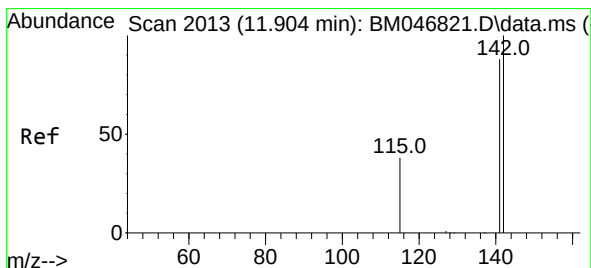
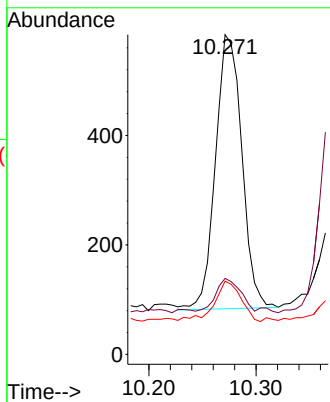
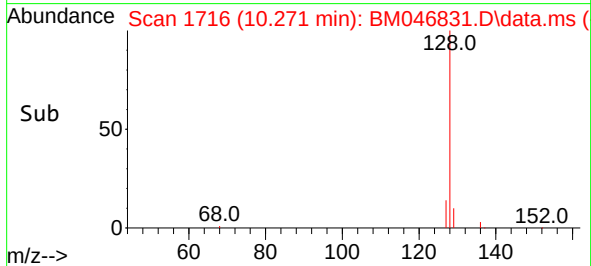
Instrument :
BNA_M
ClientSampleId :
A4CM0



Tgt Ion:128 Resp: 85
Ion Ratio Lower Upper
128 100
129 23.8 10.1 15.1
127 22.9 11.5 17.3

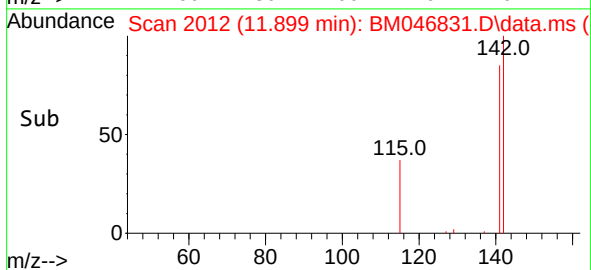
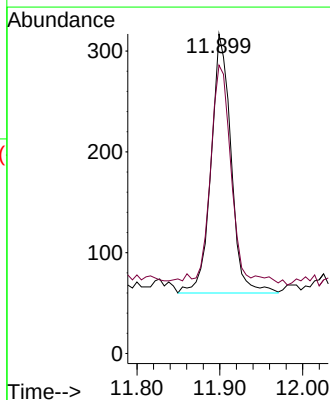
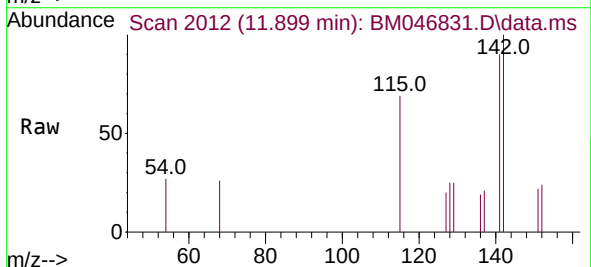
Manual Integrations
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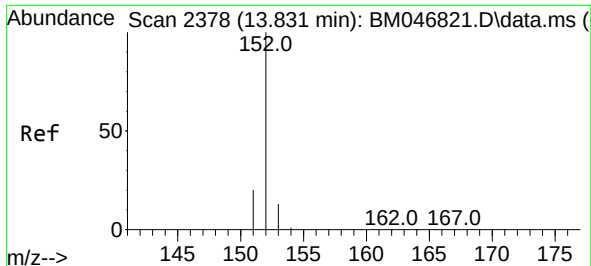
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/u1
RT: 11.899 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

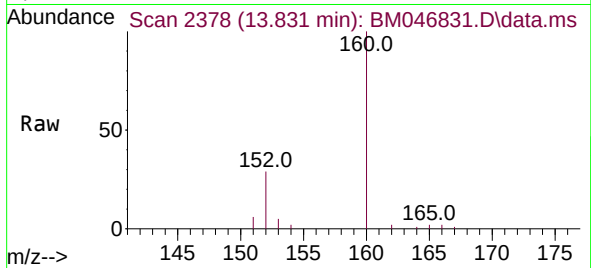
Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
141 87.2 70.5 105.7





#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.831 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

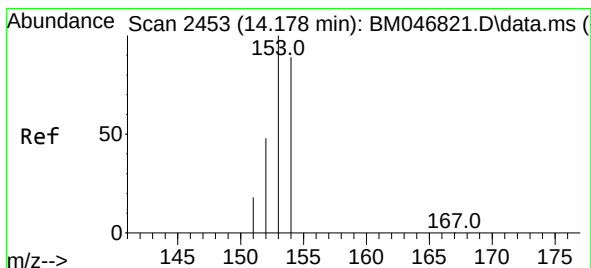
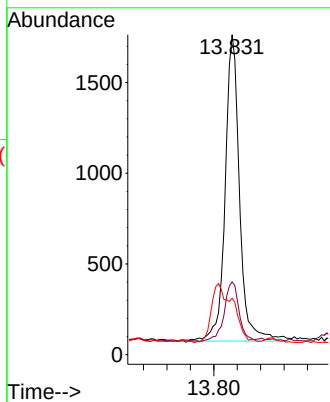
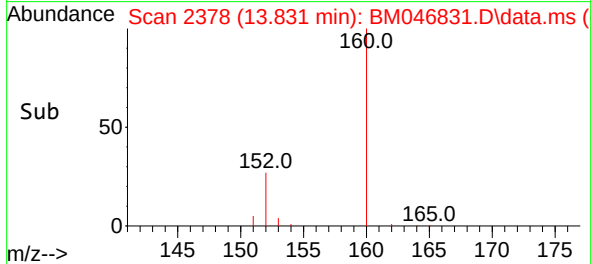
Instrument :
BNA_M
ClientSampleId :
A4CM0



Tgt Ion:152 Resp: 2870
Ion Ratio Lower Upper
152 100
151 22.7 16.8 25.2
153 17.6 11.0 16.6

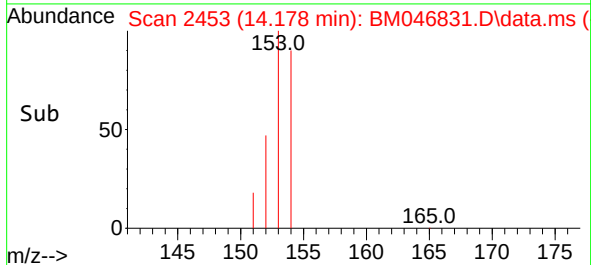
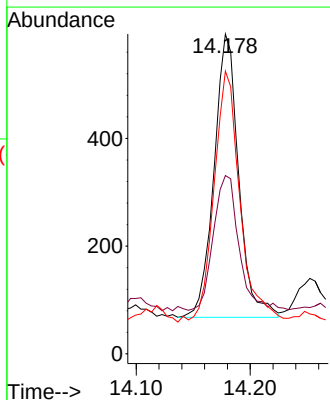
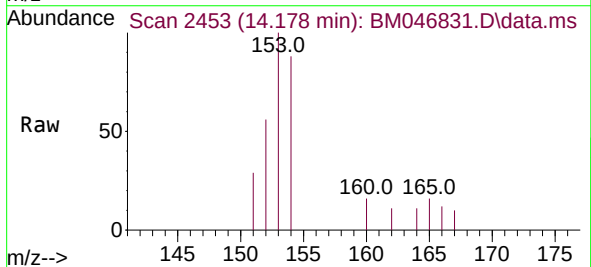
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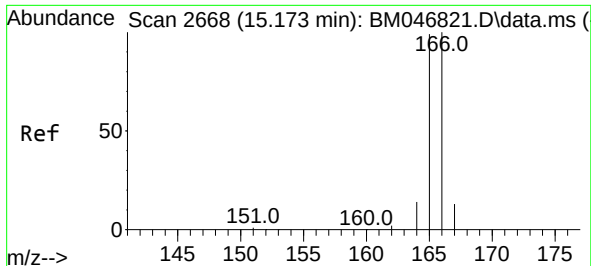
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

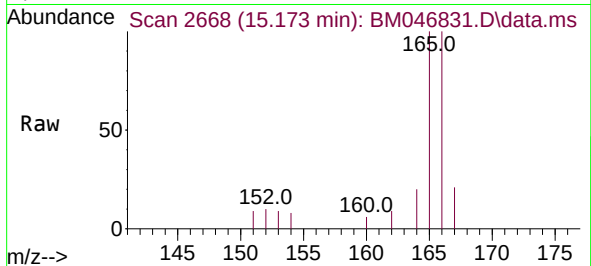
Tgt Ion:153 Resp: 789
Ion Ratio Lower Upper
153 100
152 55.7 38.6 57.8
154 88.4 70.8 106.2





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

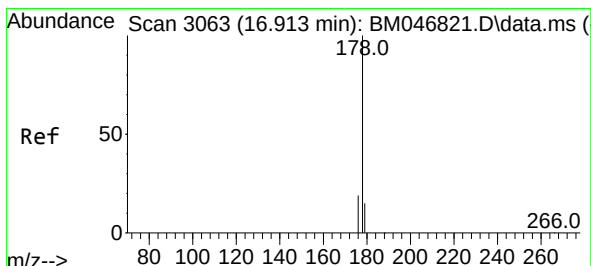
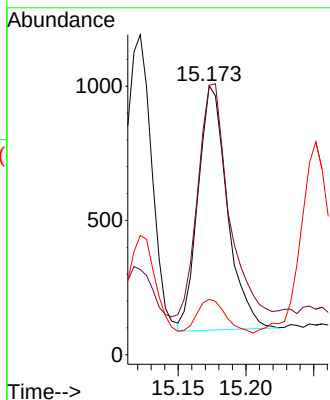
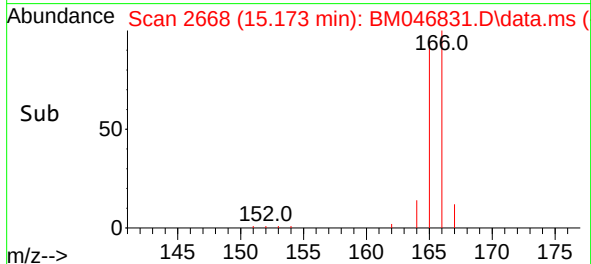
Instrument :
BNA_M
ClientSampleId :
A4CM0



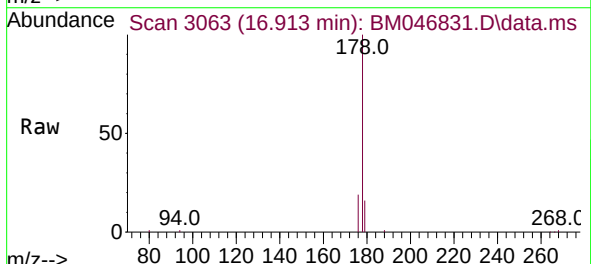
Tgt Ion:166 Resp: 137
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.6
167 20.6 12.3 18.5

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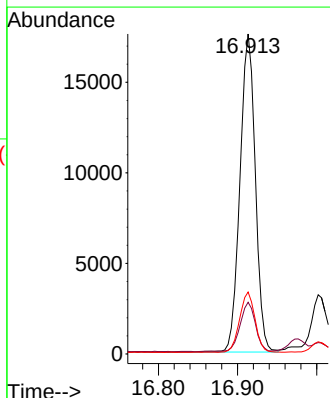
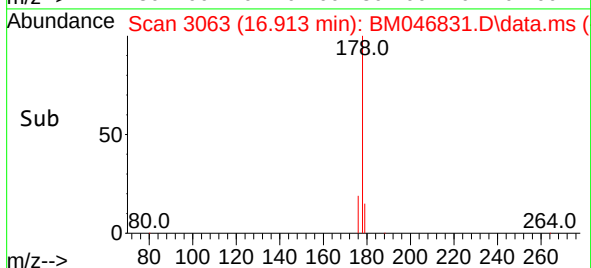
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

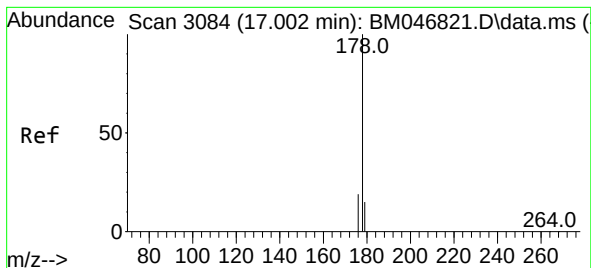


#15
Phenanthrene
Concen: 0.527 ng/ul
RT: 16.913 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28



Tgt Ion:178 Resp: 23665
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.3 16.1 24.1





#16

Anthracene

Concen: 0.107 ng/ul

RT: 17.002 min Scan# 3084

Delta R.T. -0.004 min

Lab File: BM046831.D

Acq: 26 Jul 2024 15:28

Instrument :

BNA_M

ClientSampleId :

A4CM0

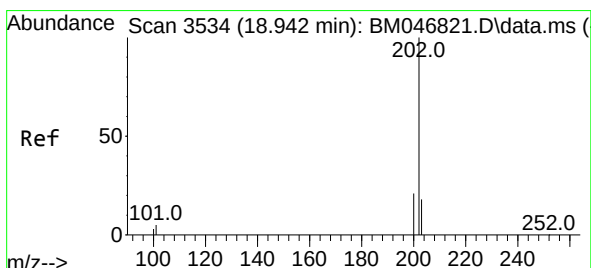
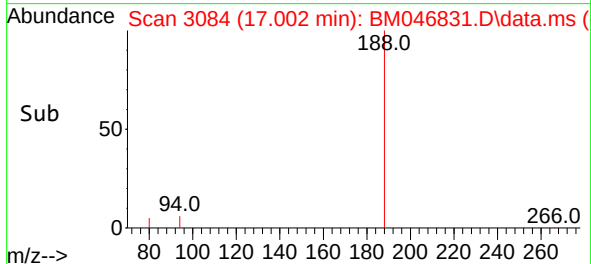
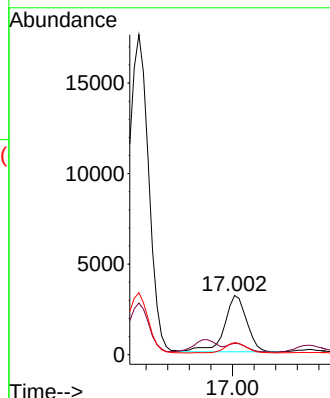
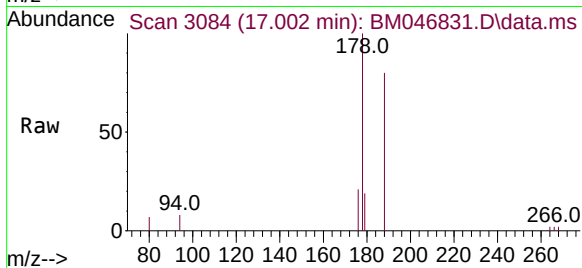
Tgt Ion:	178	Resp:	448
Ion Ratio	Lower	Upper	
178	100		
179	19.2	13.1	19.7
176	20.7	15.0	22.6

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#19

Fluoranthene

Concen: 1.119 ng/ul

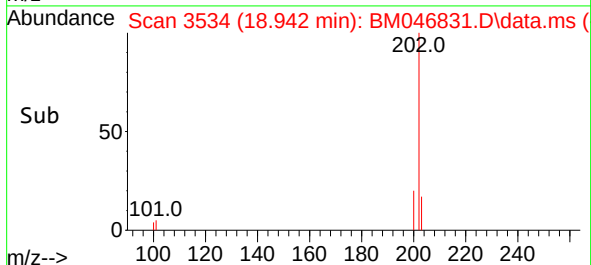
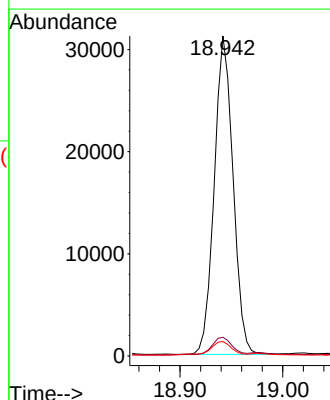
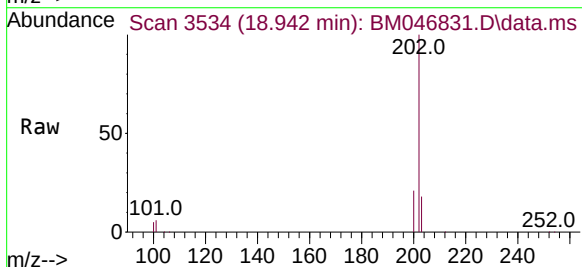
RT: 18.942 min Scan# 3534

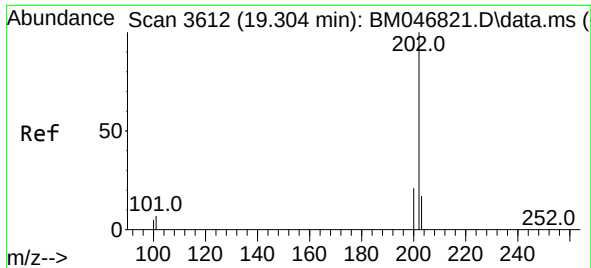
Delta R.T. -0.000 min

Lab File: BM046831.D

Acq: 26 Jul 2024 15:28

Tgt Ion:	202	Resp:	39655
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.7	7.1
100	4.5	3.4	5.2





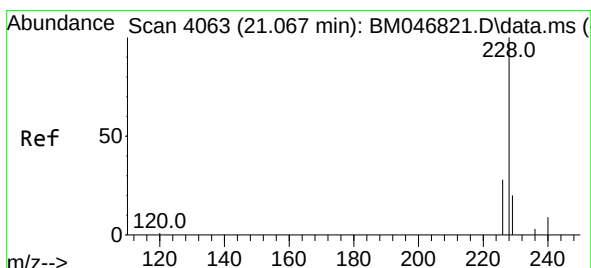
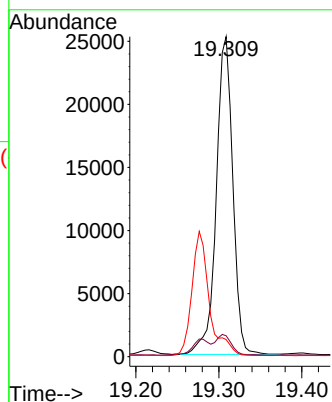
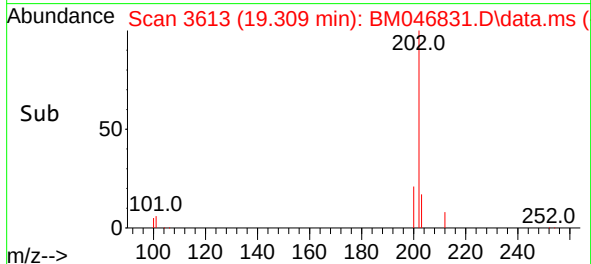
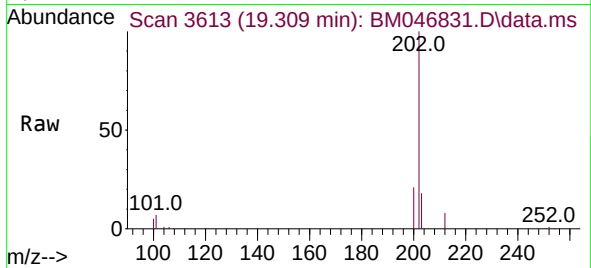
#20
Pyrene
Concen: 0.948 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

Instrument :
BNA_M
ClientSampleId :
A4CM0

Tgt Ion:202 Resp: 3473
Ion Ratio Lower Upper
202 100
101 6.6 5.2 7.8
100 5.3 4.3 6.5

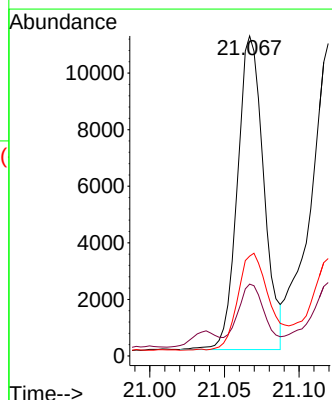
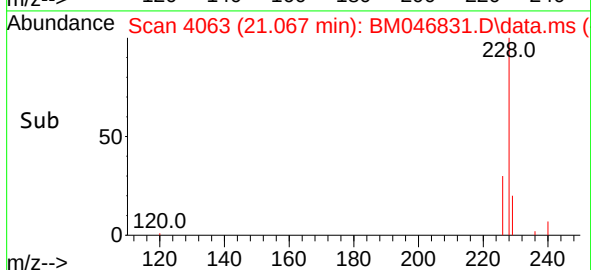
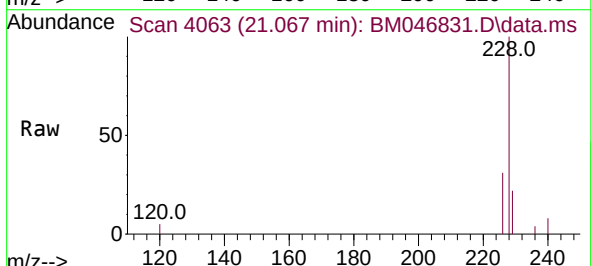
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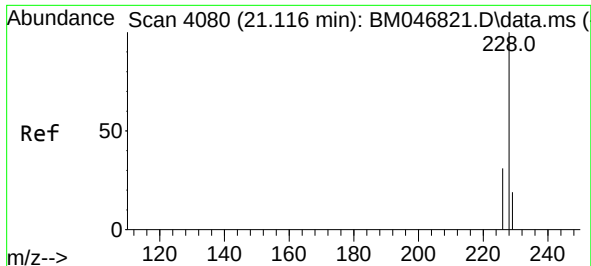
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

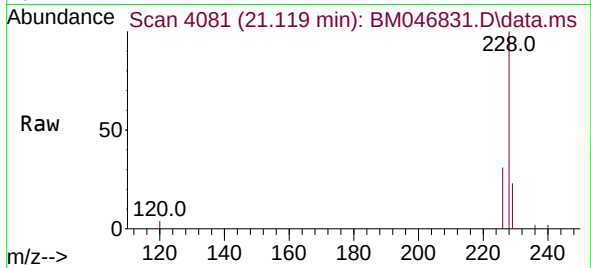
Tgt Ion:228 Resp: 13608
Ion Ratio Lower Upper
228 100
229 22.5 16.3 24.5
226 31.2 22.3 33.5





#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

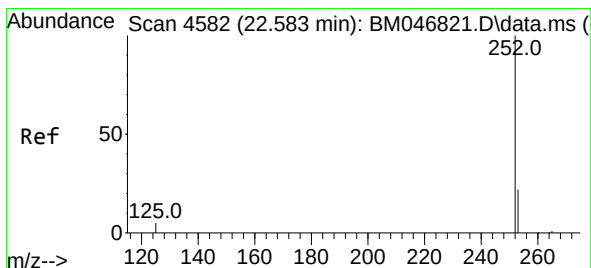
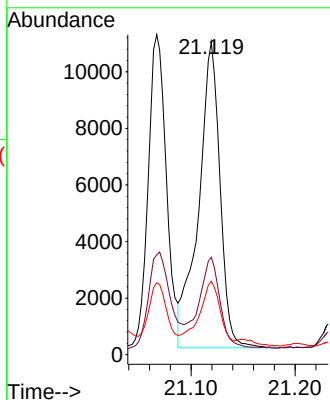
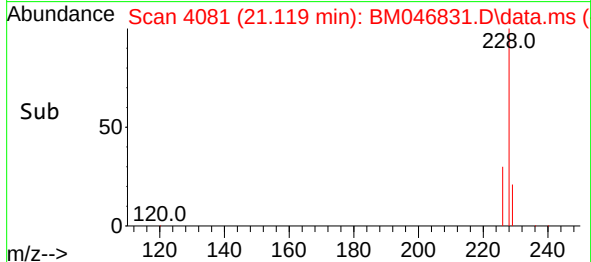
Instrument :
BNA_M
ClientSampleId :
A4CM0



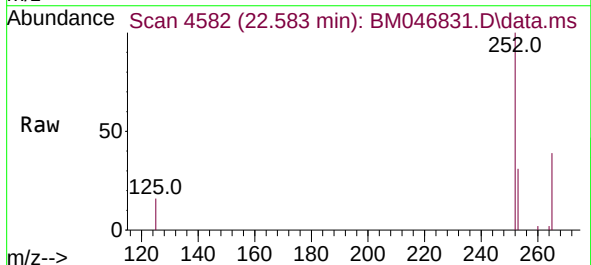
Tgt Ion:228 Resp: 1551
Ion Ratio Lower Upper
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226 31.2 24.5 36.7
229 23.5 16.2 24.2

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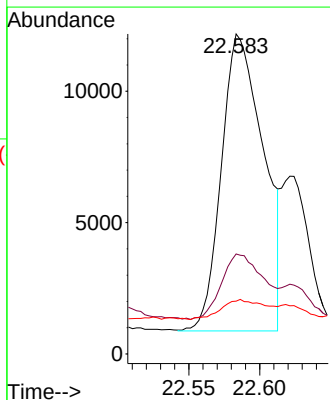
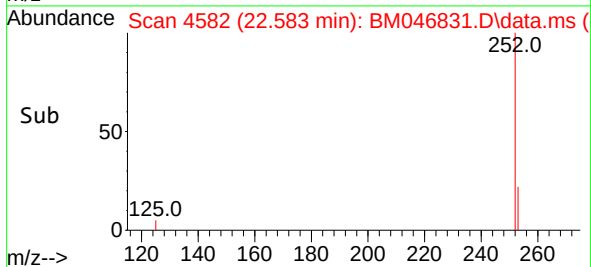
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

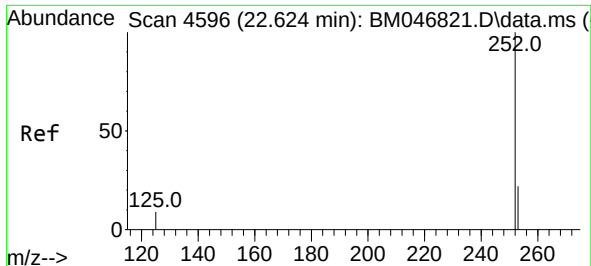


#24
Benzo(b)fluoranthene
Concen: 0.597 ng/ul m
RT: 22.583 min Scan# 4582
Delta R.T. 0.003 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28



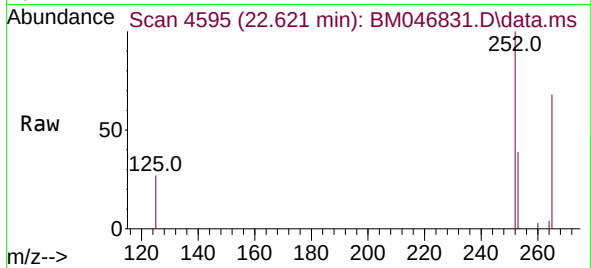
Tgt Ion:252 Resp: 23248
Ion Ratio Lower Upper
252 100
253 31.3 0.0 56.4
125 16.5 0.0 15.8#





#25
Benzo(k)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.621 min Scan# 4596
Delta R.T. -0.000 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

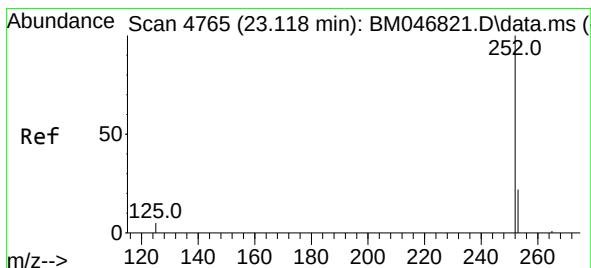
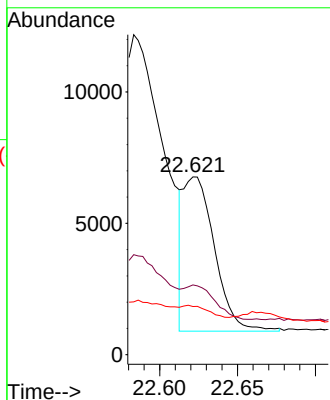
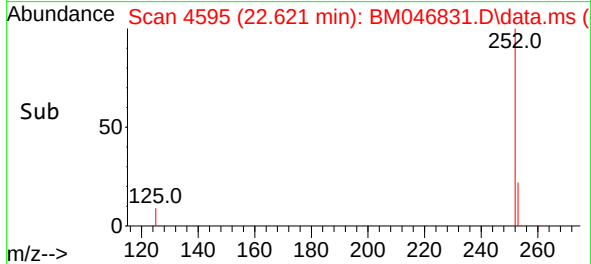
Instrument :
BNA_M
ClientSampleId :
A4CM0



Tgt Ion:252 Resp: 817
Ion Ratio Lower Upper
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253 39.3 23.5 35.3
125 27.1 8.6 13.0

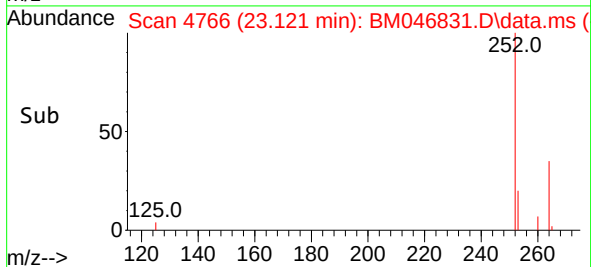
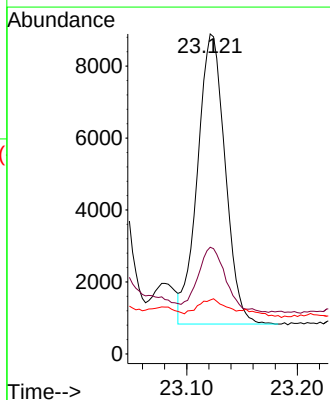
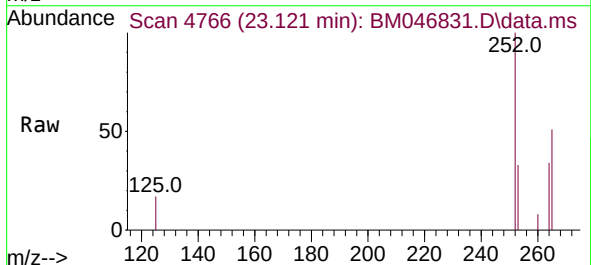
Manual Integrations
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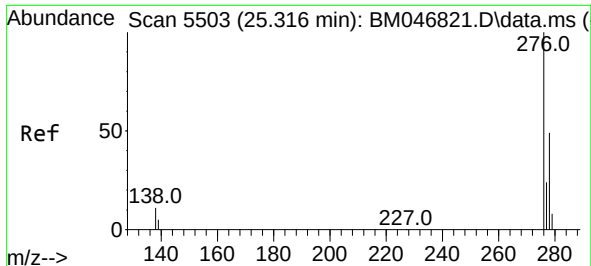
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#26
Benzo(a)pyrene
Concen: 0.500 ng/ul
RT: 23.121 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

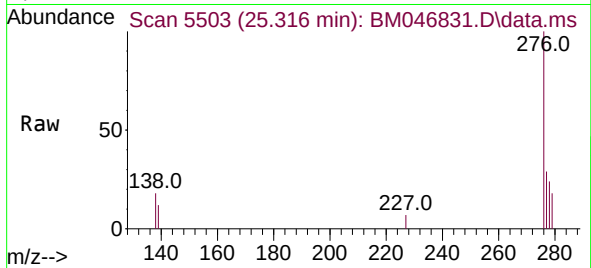
Tgt Ion:252 Resp: 13997
Ion Ratio Lower Upper
252 100
253 33.4 26.0 39.0
125 16.8 7.8 11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.000 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

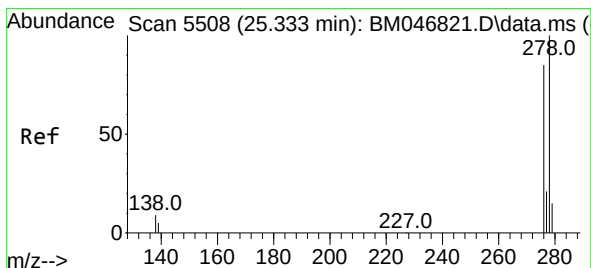
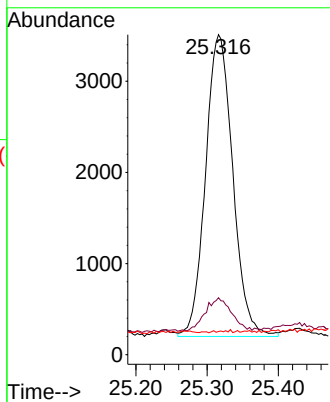
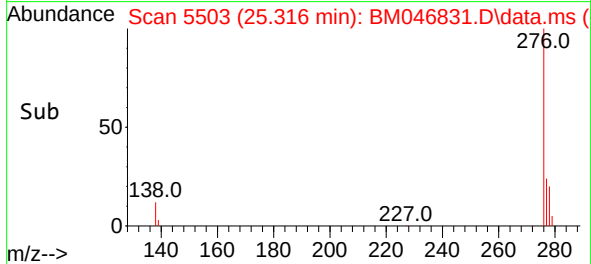
Instrument :
BNA_M
ClientSampleId :
A4CM0



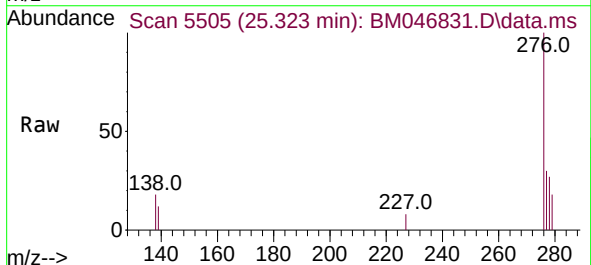
Tgt Ion: 276 Resp: 880
Ion Ratio Lower Upper
276 100
138 10.5 9.7 14.5
227 0.1 0.2 0.2

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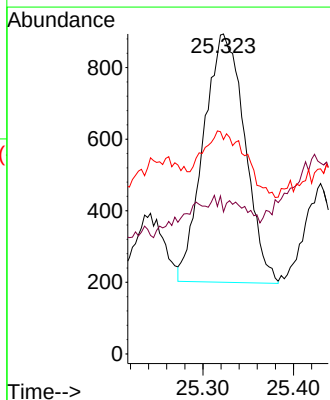
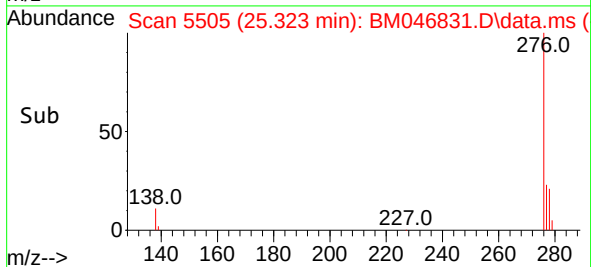
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

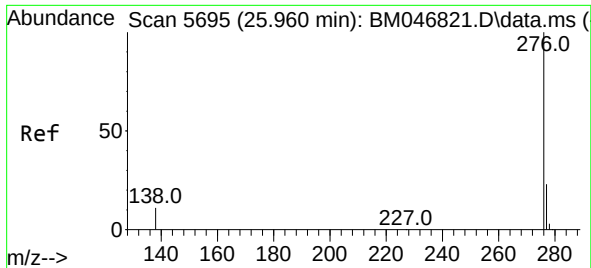


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.323 min Scan# 5505
Delta R.T. -0.010 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28



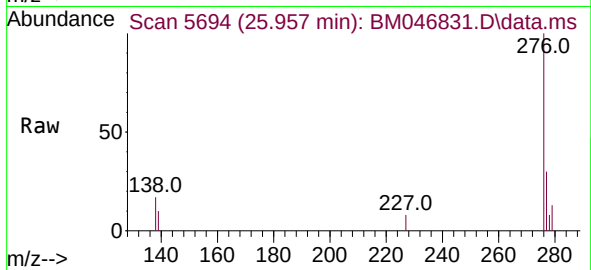
Tgt Ion: 278 Resp: 2194
Ion Ratio Lower Upper
278 100
139 44.4 9.8 14.8#
279 67.0 25.2 37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.240 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.003 min
Lab File: BM046831.D
Acq: 26 Jul 2024 15:28

Instrument :
BNA_M
ClientSampleId :
A4CM0



Tgt Ion:276 Resp: 910
Ion Ratio Lower Upper
276 100
138 17.1 9.5 14.3
277 30.1 20.9 31.3

Manual Integrations
APPROVED

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

