

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046829.D
 Acq On : 26 Jul 2024 14:07
 Operator : MA/JU
 Sample : P3264-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD8

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 15:12:16 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	3462	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	9916	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	5933	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	11153	0.400	ng/ul	0.00
17) Chrysene-d12	21.085	240	6177	0.400	ng/ul	# 0.00
23) Perylene-d12	23.215	264	7276	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	5620	2.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	2661	0.169	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	4528	0.225	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.275	128	1461	0.058	ng/ul#	86
7) 2-Methylnaphthalene	11.903	142	662	0.038	ng/ul	98
8) 1-Methylnaphthalene	12.123	142	569	0.032	ng/ul	98
10) Acenaphthylene	13.830	152	23812	0.876	ng/ul	98
11) Acenaphthene	14.177	153	2259	0.122	ng/ul	96
12) Fluorene	15.176	166	8730	0.379	ng/ul	99
15) Phenanthrene	16.912	178	283315	8.838	ng/ul	98
16) Anthracene	17.005	178	79321	2.658	ng/ul	99
19) Fluoranthene	18.945	202	421257	15.528	ng/ul	99
20) Pyrene	19.308	202	298136	10.624	ng/ul	100
21) Benzo(a)anthracene	21.067	228	219796	8.539	ng/ul	98
22) Chrysene	21.120	228	185948	7.111	ng/ul	99
24) Benzo(b)fluoranthene	22.587	252	207202m	6.486	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	65331m	2.030	ng/ul	
26) Benzo(a)pyrene	23.122	252	81100m	3.536	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.320	276	62925	1.783	ng/ul	98
28) Dibenzo(a,h)anthracene	25.326	278	25337	0.981	ng/ul	99
29) Benzo(g,h,i)perylene	25.960	276	9568	0.308	ng/ul#	83

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

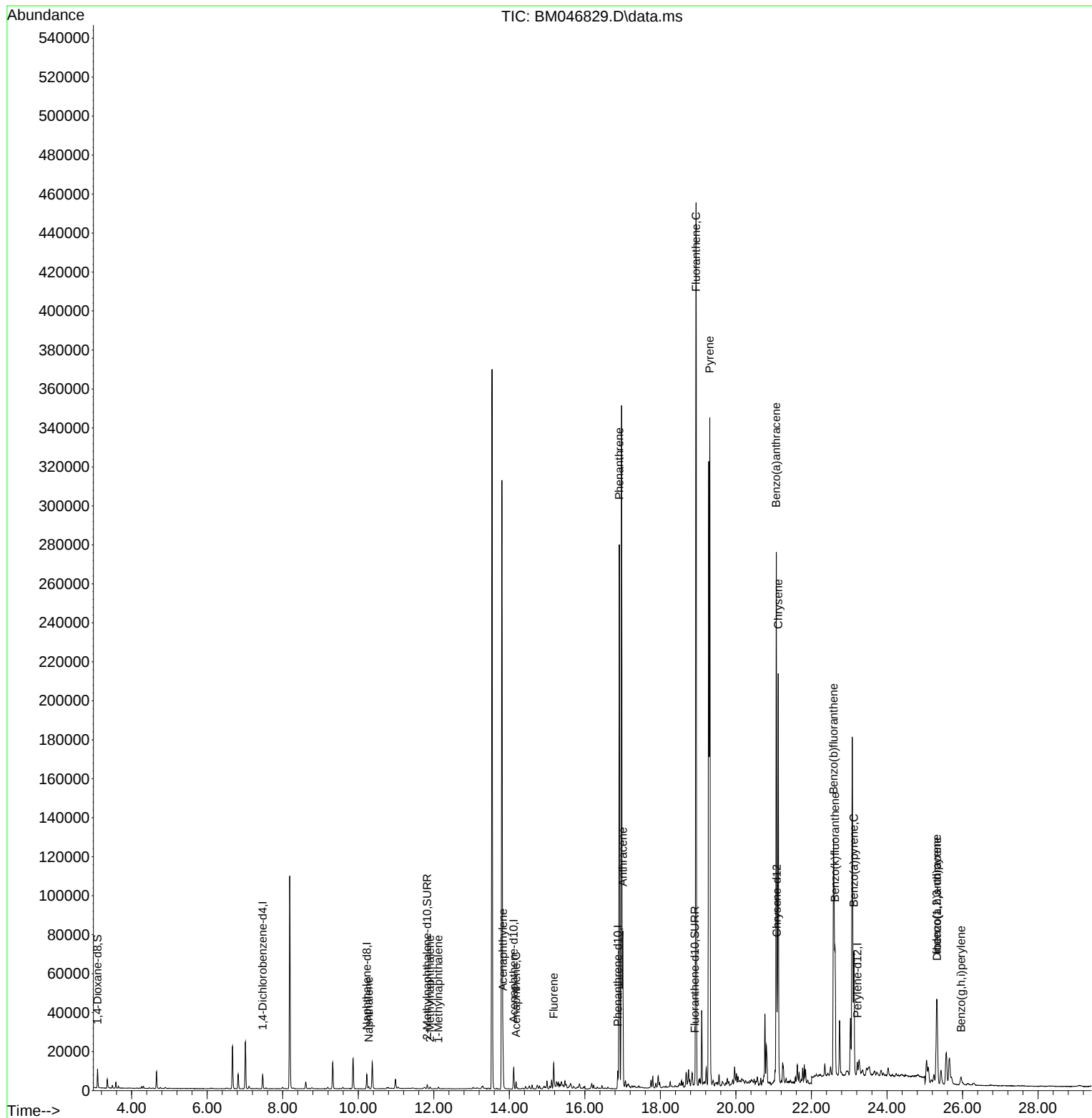
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046829.D
Acq On : 26 Jul 2024 14:07
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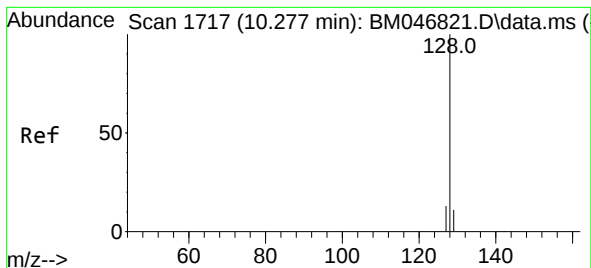
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#5

Naphthalene

Concen: 0.058 ng/ul

RT: 10.275 min Scan# 1717

Delta R.T. -0.001 min

Lab File: BM046829.D

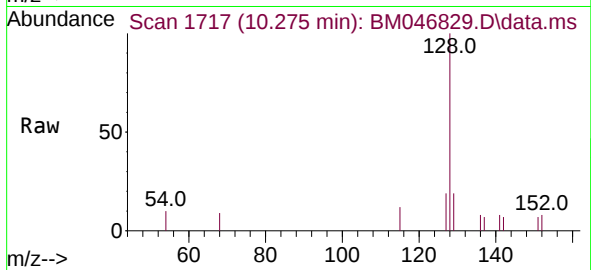
Acq: 26 Jul 2024 14:07

Instrument :

BNA_M

ClientSampleId :

A4BD8



Tgt Ion:128 Resp: 146

Ion Ratio Lower Upper

128 100

129 19.2 10.1 15.1

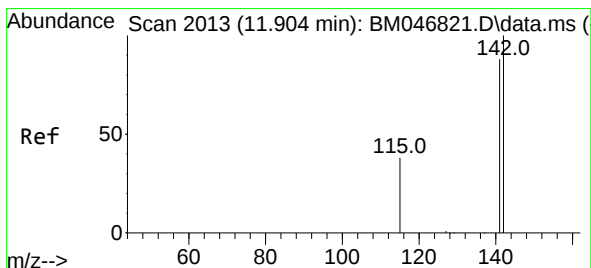
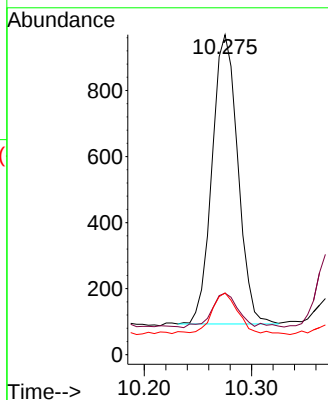
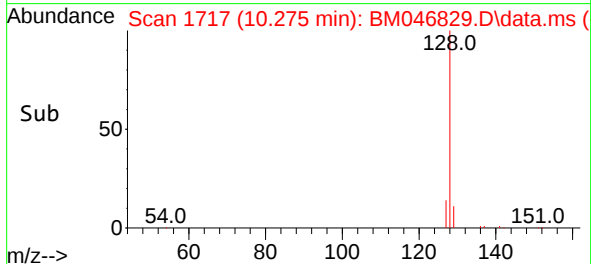
127 19.3 11.5 17.3

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#7

2-Methylnaphthalene

Concen: 0.038 ng/ul

RT: 11.903 min Scan# 2013

Delta R.T. -0.001 min

Lab File: BM046829.D

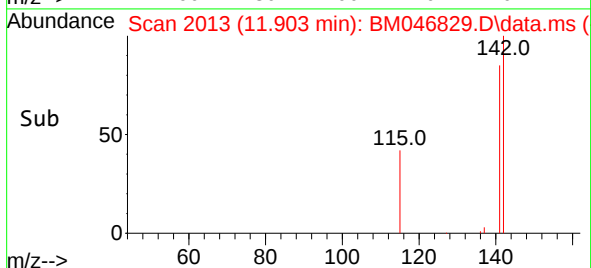
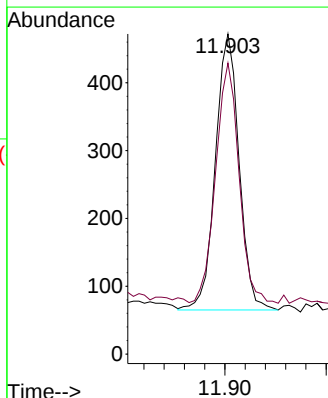
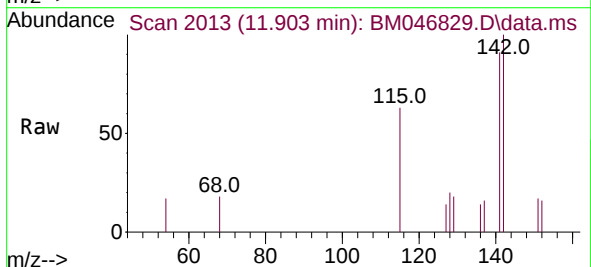
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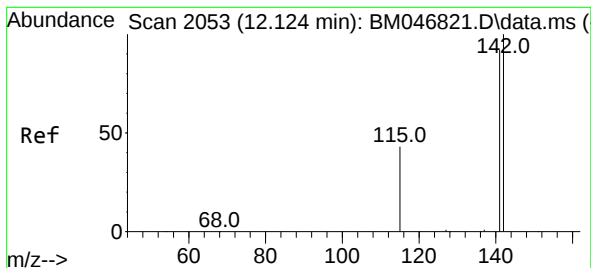
Tgt Ion:142 Resp: 662

Ion Ratio Lower Upper

142 100

141 85.8 70.5 105.7





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.123 min Scan# 2053

Delta R.T. -0.007 min

Lab File: BM046829.D

Acq: 26 Jul 2024 14:07

Instrument :

BNA_M

ClientSampleId :

A4BD8

Tgt Ion:142 Resp: 569

Ion Ratio Lower Upper

142 100

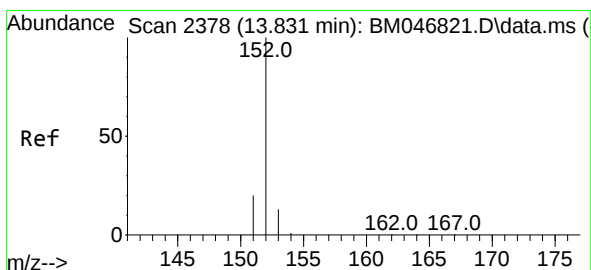
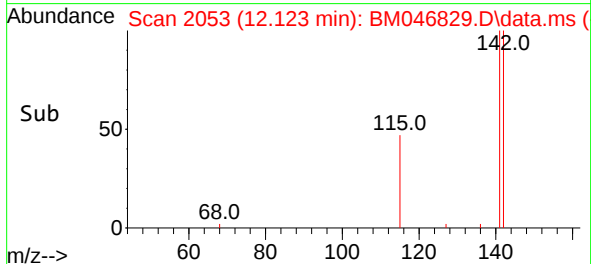
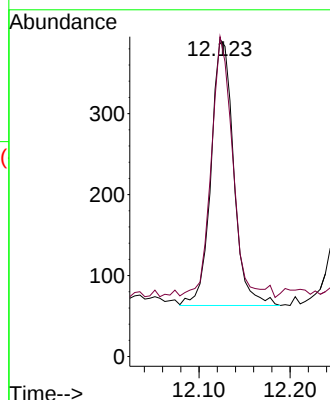
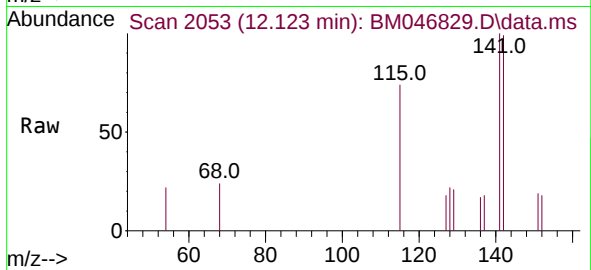
141 93.1 73.1 109.7

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Supervised By :mohammad ahmed 08/05/2024



#10

Acenaphthylene

Concen: 0.876 ng/ul

RT: 13.830 min Scan# 2378

Delta R.T. -0.001 min

Lab File: BM046829.D

Acq: 26 Jul 2024 14:07

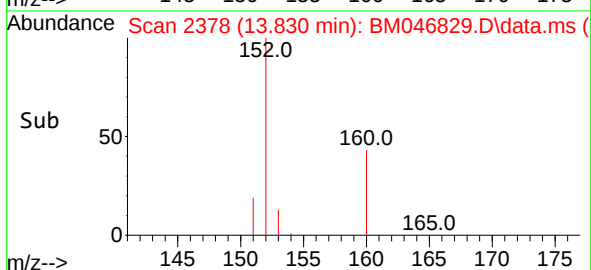
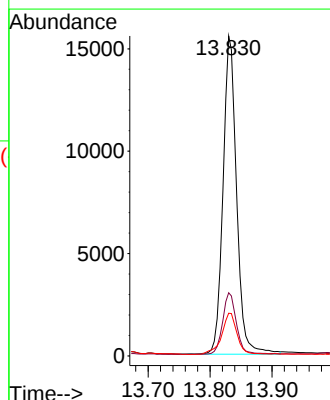
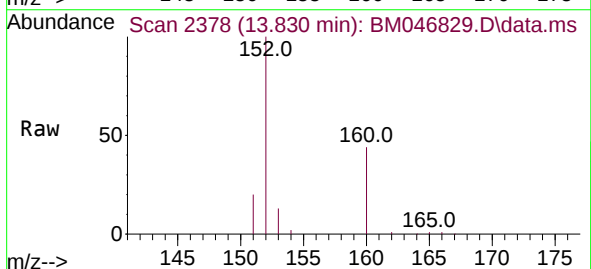
Tgt Ion:152 Resp: 23812

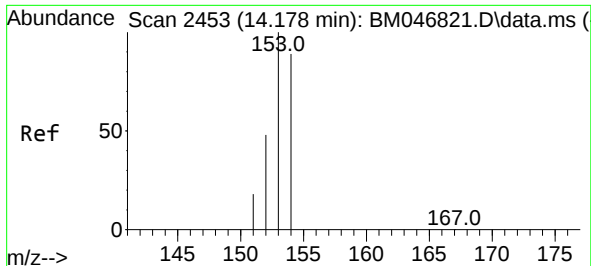
Ion Ratio Lower Upper

152 100

151 19.7 16.8 25.2

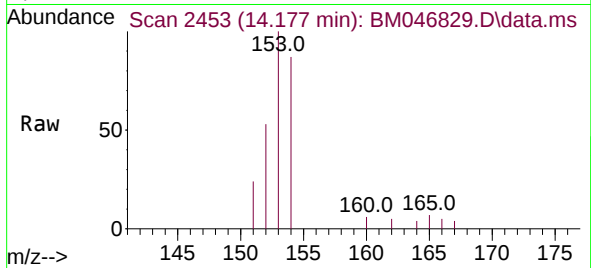
153 13.3 11.0 16.6





#11
Acenaphthene
Concen: 0.122 ng/u1
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

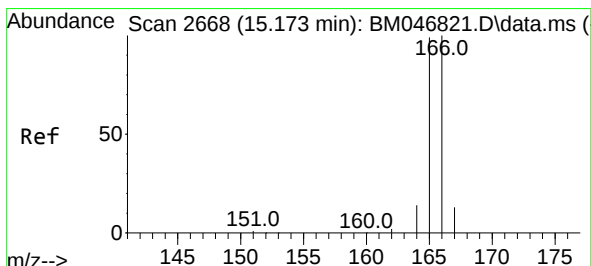
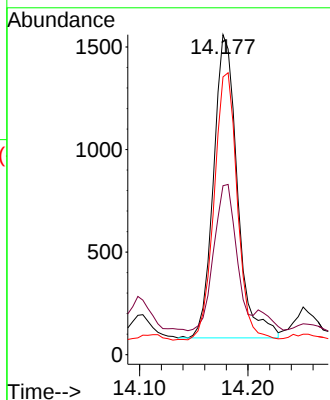
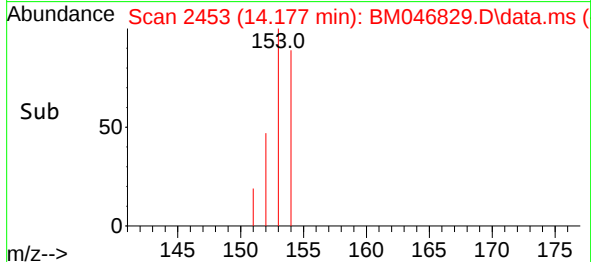
Instrument :
BNA_M
ClientSampleId :
A4BD8



Tgt Ion:153 Resp: 2259
Ion Ratio Lower Upper
153 100
152 52.8 38.6 57.8
154 86.8 70.8 106.2

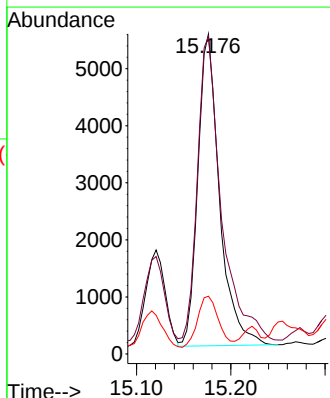
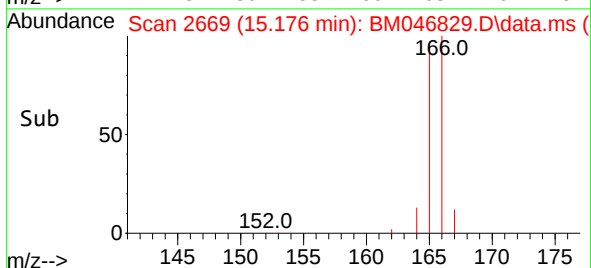
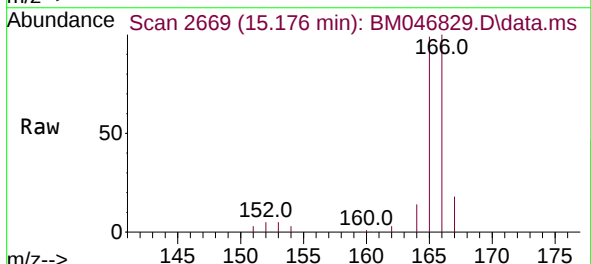
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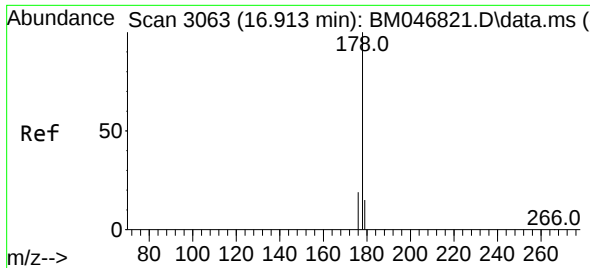
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.379 ng/u1
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

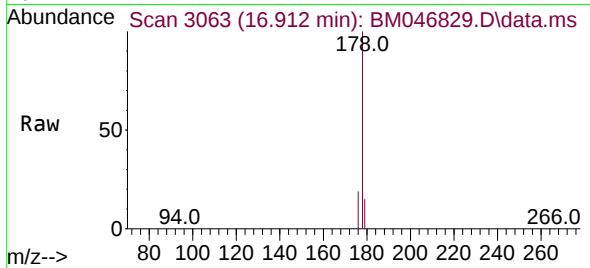
Tgt Ion:166 Resp: 8730
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.6
167 18.1 12.3 18.5





#15
Phenanthrene
Concen: 8.838 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

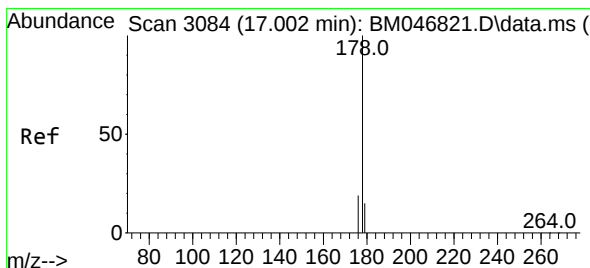
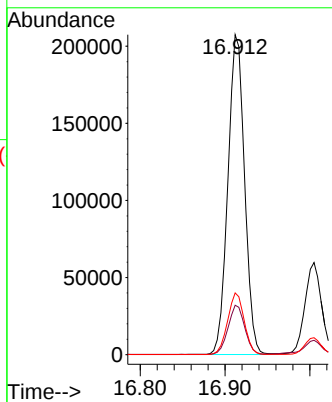
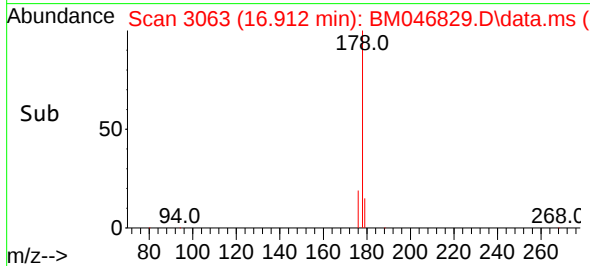
Instrument :
BNA_M
ClientSampleId :
A4BD8



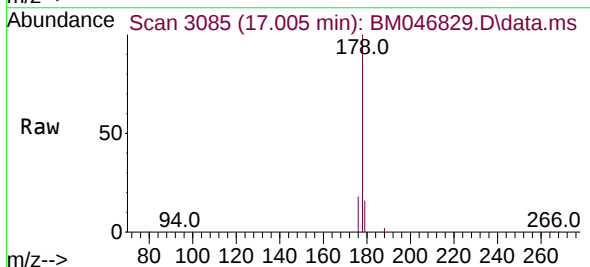
Tgt Ion:178 Resp: 28331
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.3 16.1 24.1

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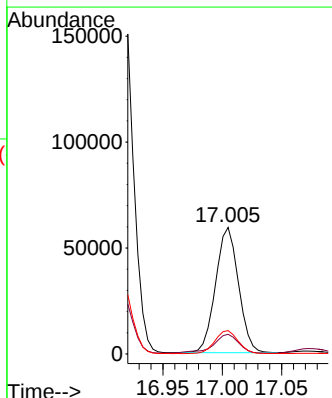
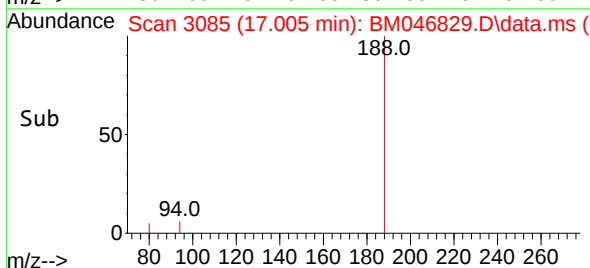
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

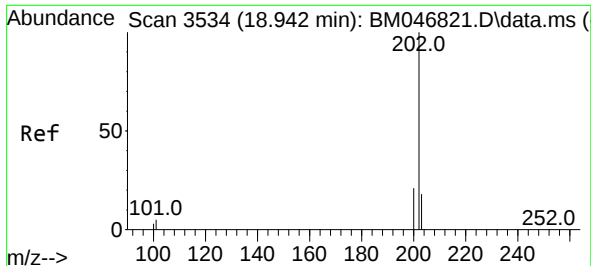


#16
Anthracene
Concen: 2.658 ng/ul
RT: 17.005 min Scan# 3085
Delta R.T. -0.001 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07



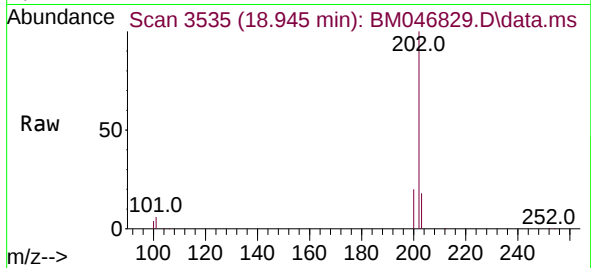
Tgt Ion:178 Resp: 79321
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 15.528 ng/u1
RT: 18.945 min Scan# 3534
Delta R.T. 0.003 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

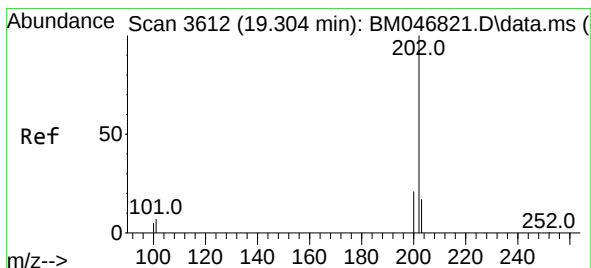
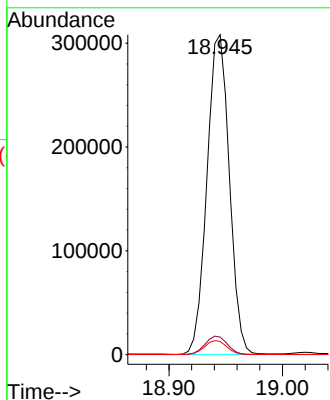
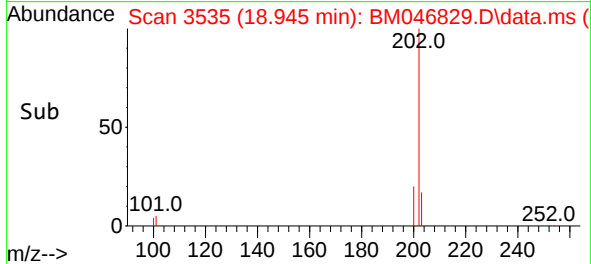
Instrument :
BNA_M
ClientSampleId :
A4BD8



Tgt Ion:202 Resp: 42125
Ion Ratio Lower Upper
202 100
101 5.5 4.7 7.1
100 4.1 3.4 5.2

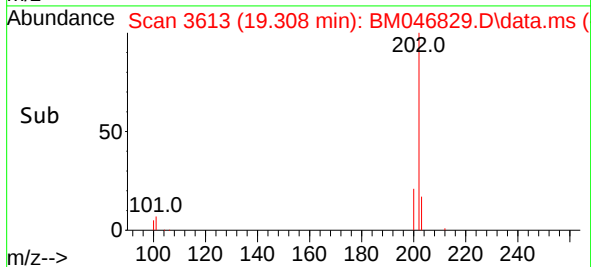
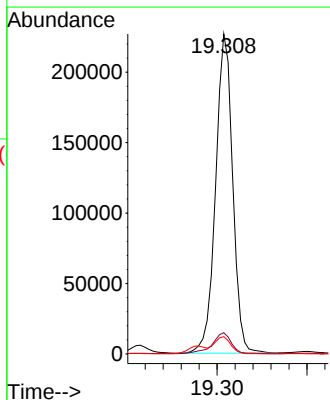
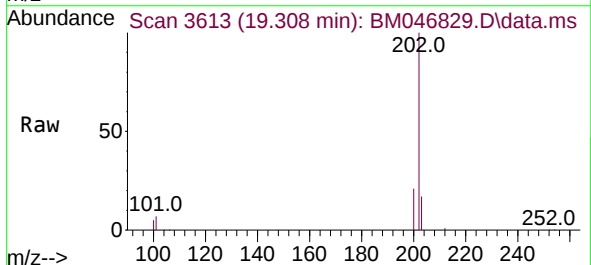
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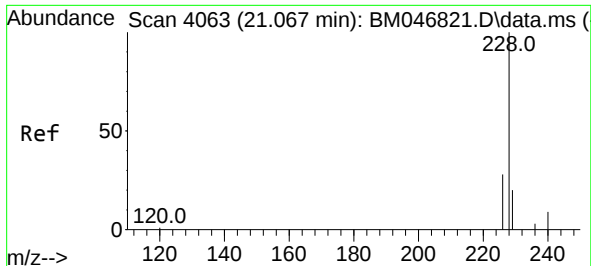
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 10.624 ng/u1
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

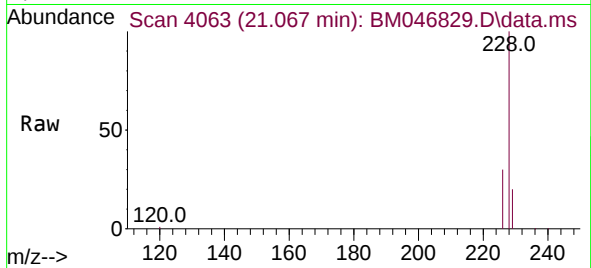
Tgt Ion:202 Resp: 298136
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.4 4.3 6.5





#21
Benzo(a)anthracene
Concen: 8.539 ng/u1
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

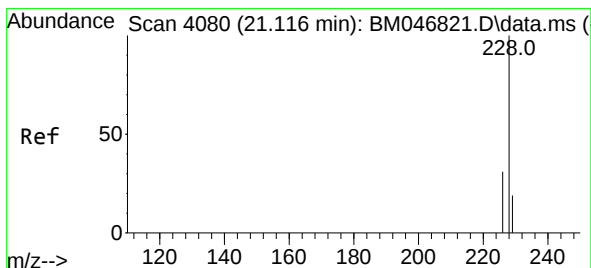
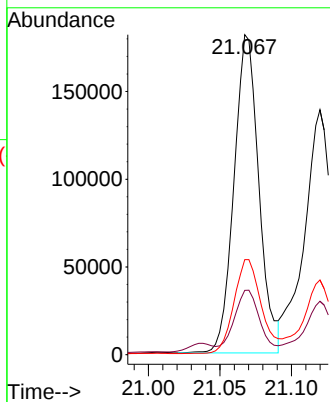
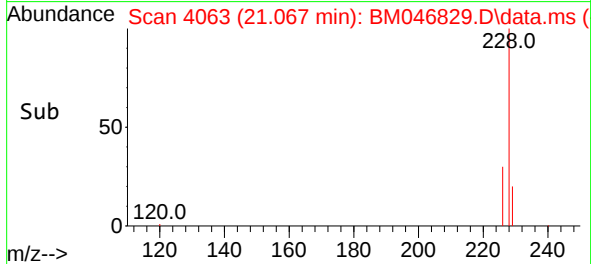
Instrument :
BNA_M
ClientSampleId :
A4BD8



Tgt Ion:228 Resp: 219790
Ion Ratio Lower Upper
228 100
229 20.1 16.3 24.5
226 29.7 22.3 33.5

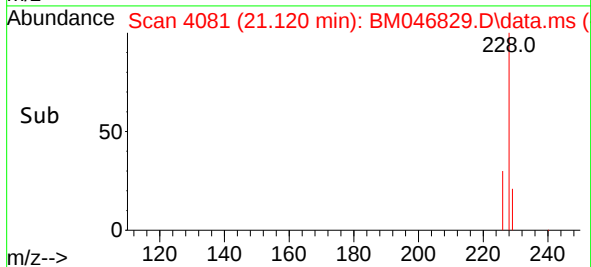
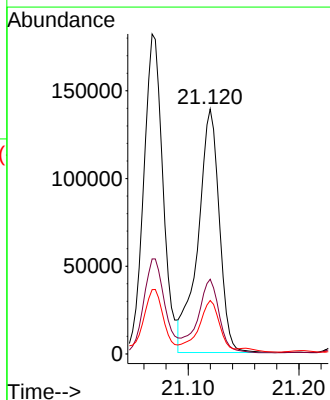
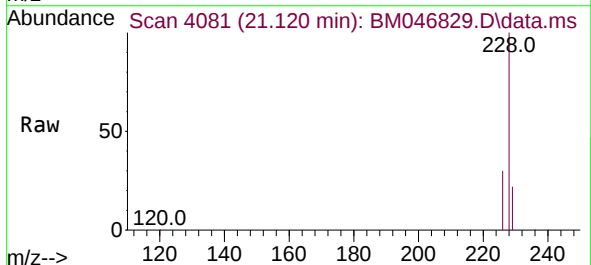
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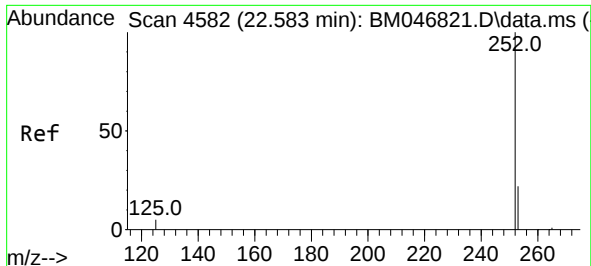
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 7.111 ng/u1
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

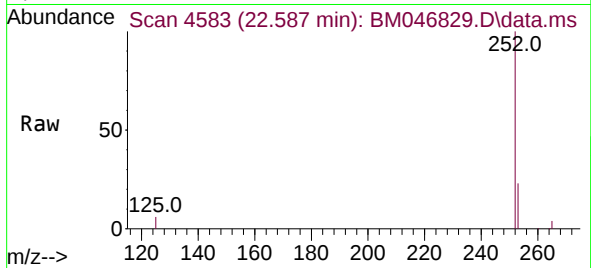
Tgt Ion:228 Resp: 185948
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.8 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 6.486 ng/ul m
RT: 22.587 min Scan# 4582
Delta R.T. 0.006 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

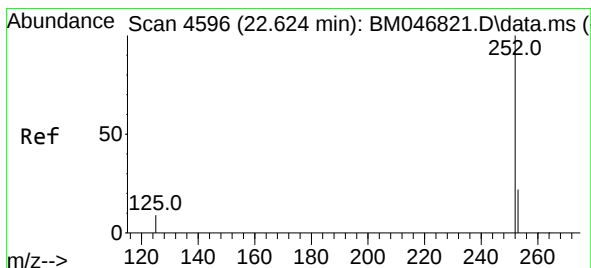
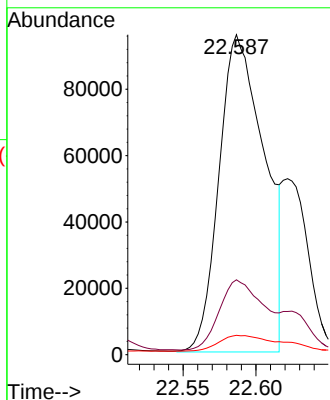
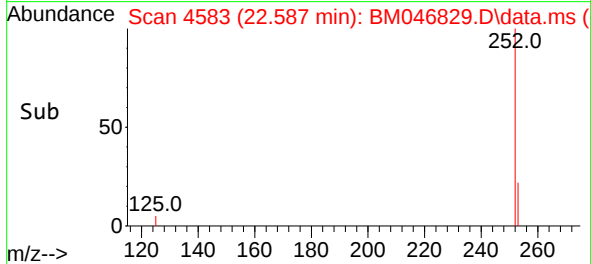
Instrument :
BNA_M
ClientSampleId :
A4BD8



Tgt Ion:252 Resp: 20720
Ion Ratio Lower Upper
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253 23.4 0.0 56.4
125 6.0 0.0 15.8

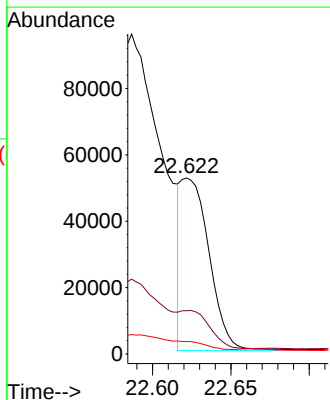
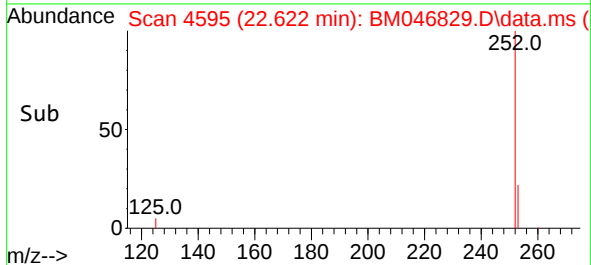
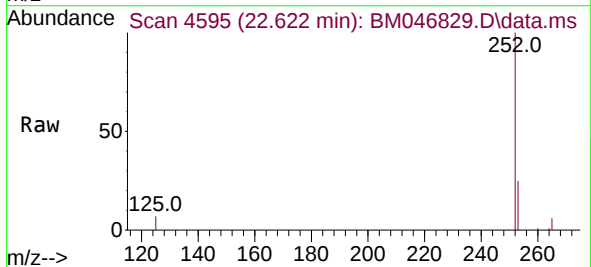
Manual Integrations
APPROVED

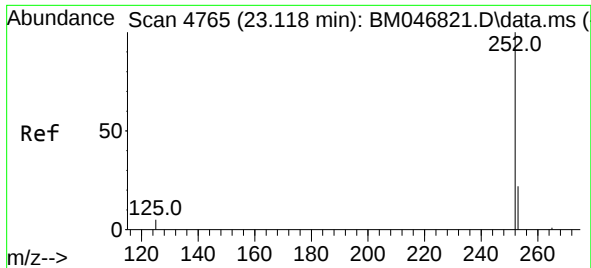
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 2.030 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

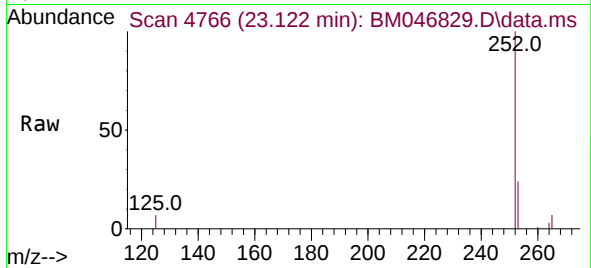
Tgt Ion:252 Resp: 65331
Ion Ratio Lower Upper
252 100
253 24.6 23.5 35.3
125 7.1 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 3.536 ng/ul m
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

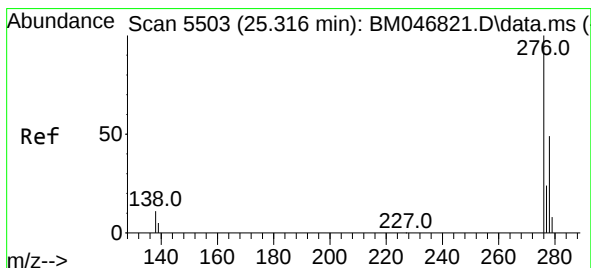
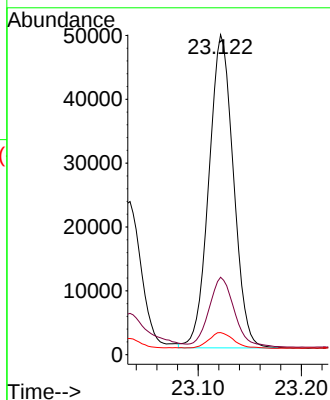
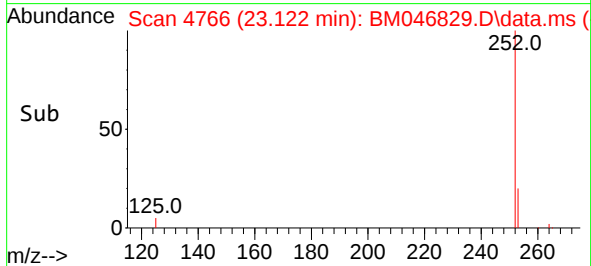
Instrument :
BNA_M
ClientSampleId :
A4BD8



Tgt Ion:252 Resp: 81100
Ion Ratio Lower Upper
252 100
253 24.2 26.0 39.0
125 6.9 7.8 11.8

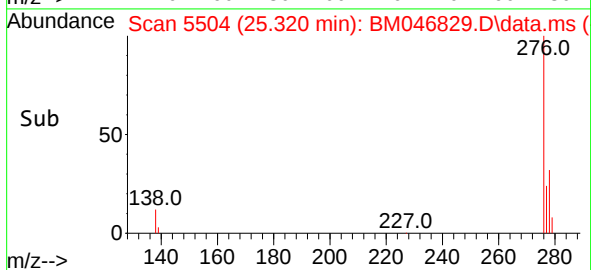
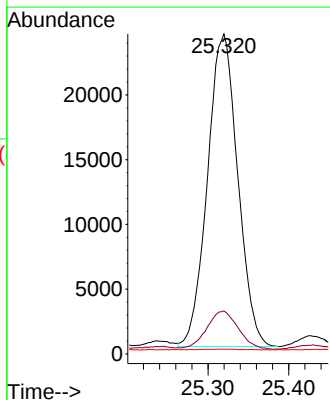
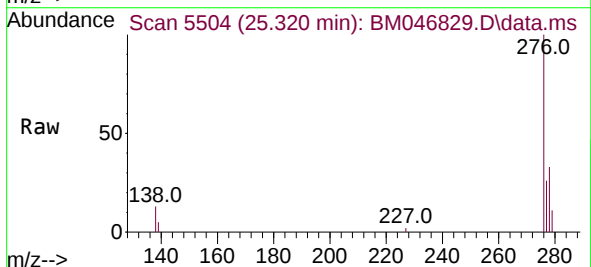
Manual Integrations
APPROVED

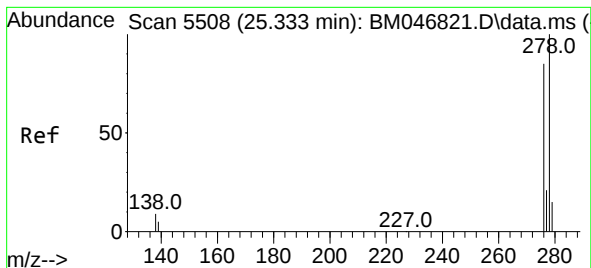
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.783 ng/ul
RT: 25.320 min Scan# 5504
Delta R.T. 0.004 min
Lab File: BM046829.D
Acq: 26 Jul 2024 14:07

Tgt Ion:276 Resp: 62925
Ion Ratio Lower Upper
276 100
138 12.8 9.7 14.5
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.981 ng/ul

RT: 25.326 min Scan# 51

Delta R.T. -0.006 min

Lab File: BM046829.D

Acq: 26 Jul 2024 14:07

Instrument :

BNA_M

ClientSampleId :

A4BD8

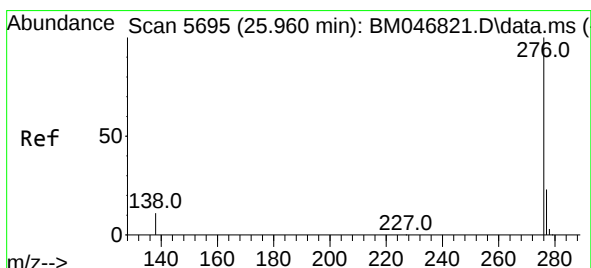
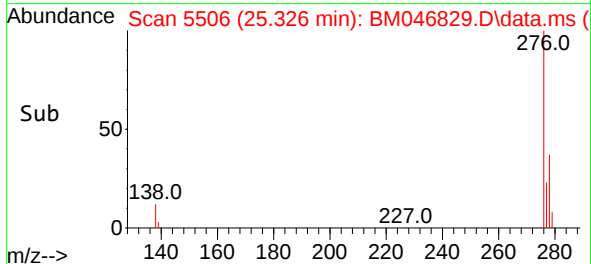
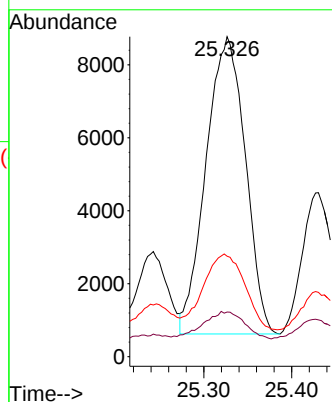
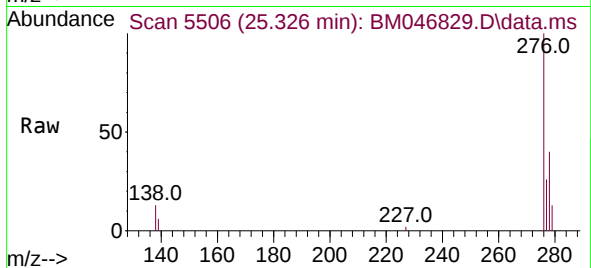
Tgt Ion:278 Resp: 2533
 Ion Ratio Lower Upper
 278 100
 139 14.0 9.8 14.8
 279 31.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2024

Supervised By :mohammad ahmed 08/05/2024



#29

Benzo(g,h,i)perylene

Concen: 0.308 ng/ul

RT: 25.960 min Scan# 5695

Delta R.T. 0.007 min

Lab File: BM046829.D

Acq: 26 Jul 2024 14:07

Tgt Ion:276 Resp: 9568
 Ion Ratio Lower Upper
 276 100
 138 20.1 9.5 14.3#
 277 34.0 20.9 31.3#

