

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046806.D
 Acq On : 25 Jul 2024 19:00
 Operator : MA/JU
 Sample : P3263-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BA2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 26 00:29:57 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	7.472	152	4590	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	13559	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	8735	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.874	188	20274	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.082	240	9878	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	10019	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	11161	3.473	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	5300	0.246	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	11781	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	18920	0.552	ng/ul	97
7) 2-Methylnaphthalene	11.903	142	9168	0.388	ng/ul	100
8) 1-Methylnaphthalene	12.129	142	7717	0.317	ng/ul	99
10) Acenaphthylene	13.830	152	29253	0.731	ng/ul	99
11) Acenaphthene	14.177	153	38548	1.420	ng/ul	99
12) Fluorene	15.176	166	50344	1.483	ng/ul	98
14) Pentachlorophenol	16.532	266	366	0.040	ng/ul	99
15) Phenanthrene	16.916	178	1111250	19.070	ng/ul	98
16) Anthracene	17.005	178	196418	3.621	ng/ul	99
19) Fluoranthene	18.945	202	2135114	49.216	ng/ul	100
20) Pyrene	19.312	202	1392342	31.026	ng/ul	99
21) Benzo(a)anthracene	21.067	228	658110	15.988	ng/ul	99
22) Chrysene	21.117	228	674538	16.132	ng/ul	98
24) Benzo(b)fluoranthene	22.587	252	827315m	18.808	ng/ul	
25) Benzo(k)fluoranthene	22.622	252	263945m	5.955	ng/ul	
26) Benzo(a)pyrene	23.122	252	299779	9.493	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.320	276	297106	6.113	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.327	278	93475	2.627	ng/ul	96
29) Benzo(g,h,i)perylene	25.957	276	46254	1.081	ng/ul#	94

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

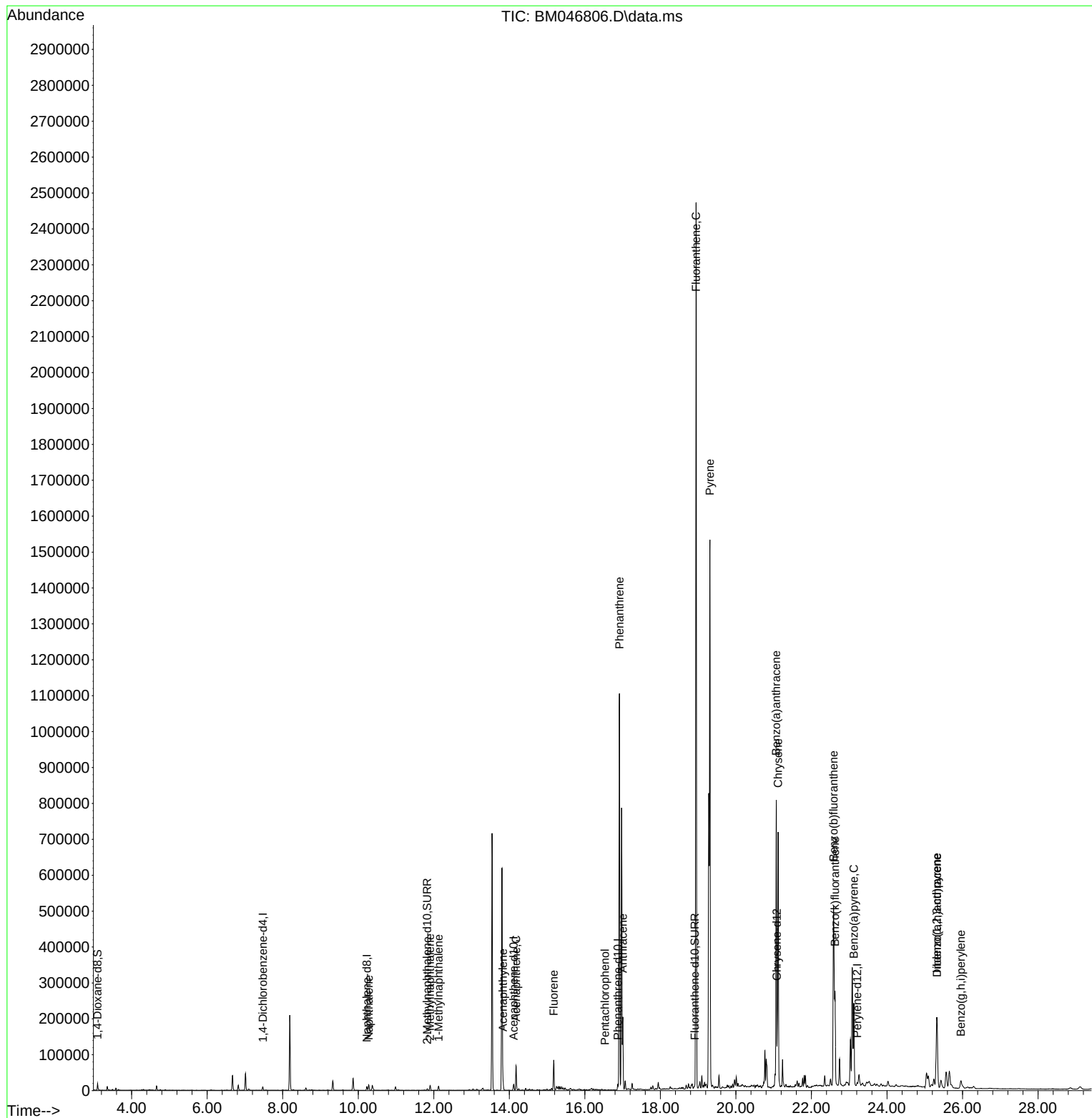
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046806.D
Acq On : 25 Jul 2024 19:00
Operator : MA/JU
Sample : P3263-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

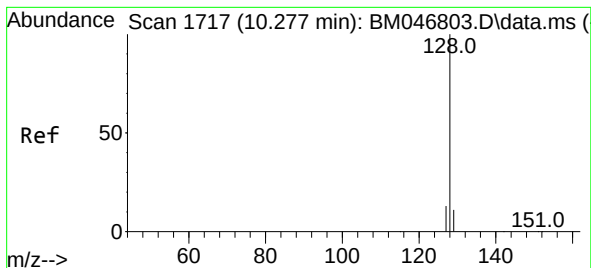
Instrument :
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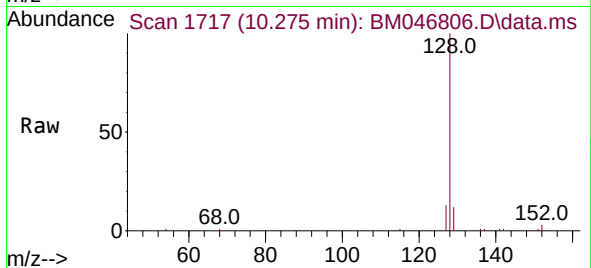
Quant Time: Jul 26 00:29:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.275 min Scan# 1717
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

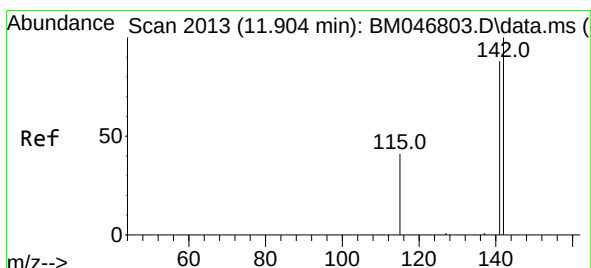
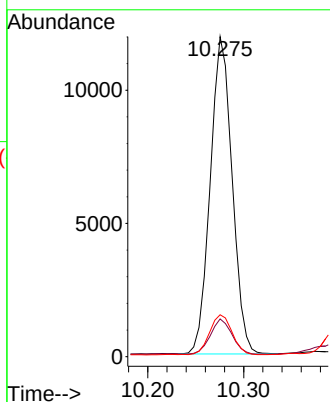
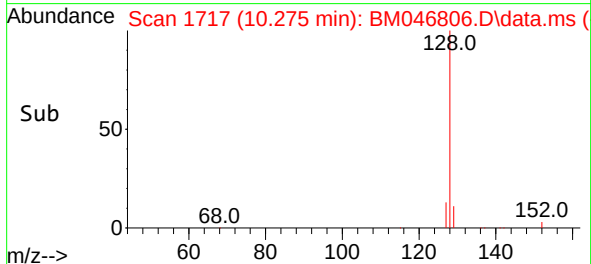
Instrument :
BNA_M
ClientSampleId :
A4BA2



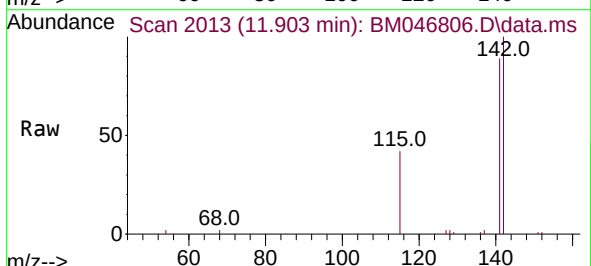
Tgt Ion:128 Resp: 18920
Ion Ratio Lower Upper
128 100
129 11.8 10.1 15.1
127 13.1 11.5 17.3

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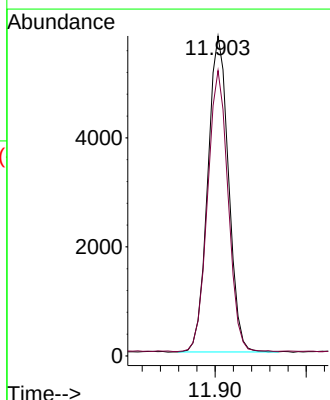
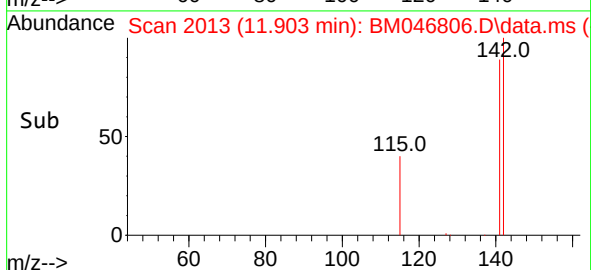
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

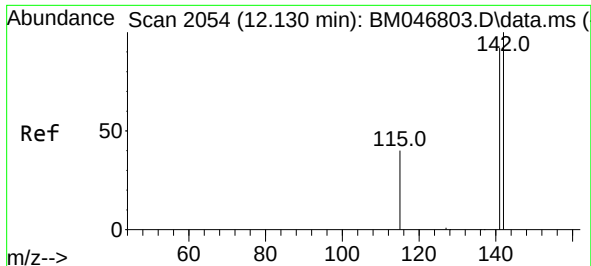


#7
2-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00



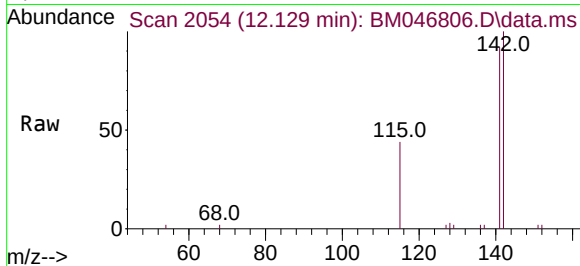
Tgt Ion:142 Resp: 9168
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

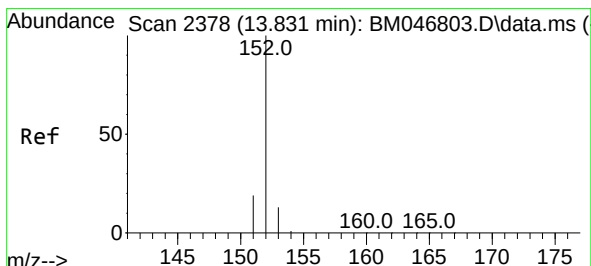
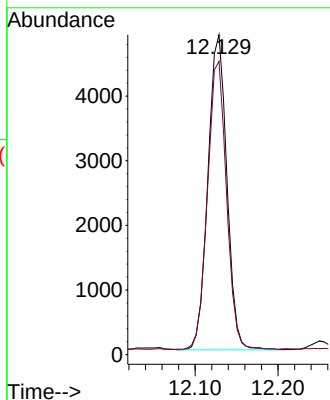
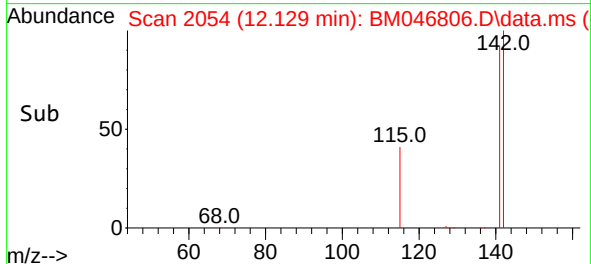
Instrument :
BNA_M
ClientSampleId :
A4BA2



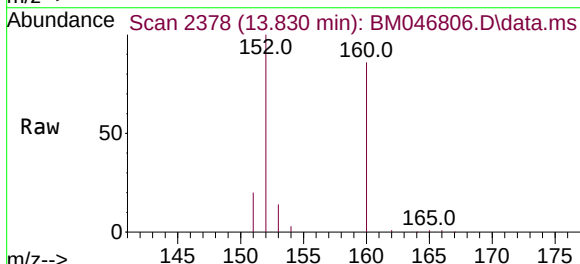
Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7

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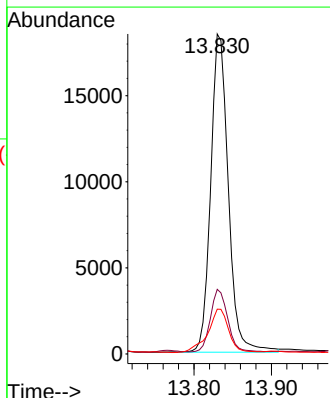
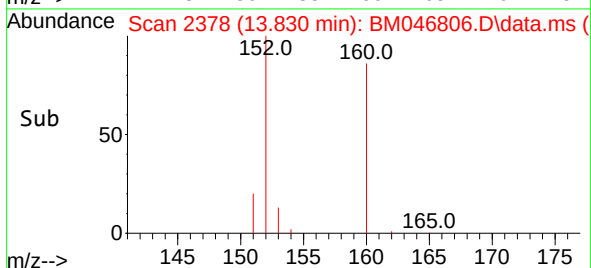
Reviewed By :Jagrut Upadhyay 07/26/2024
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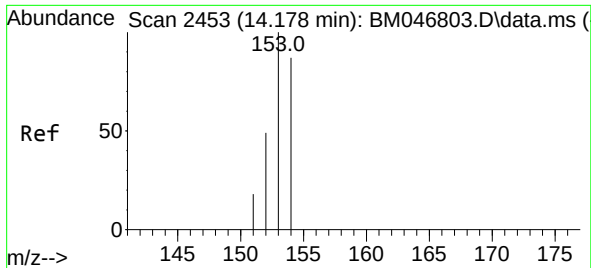


#10
Acenaphthylene
Concen: 0.731 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00



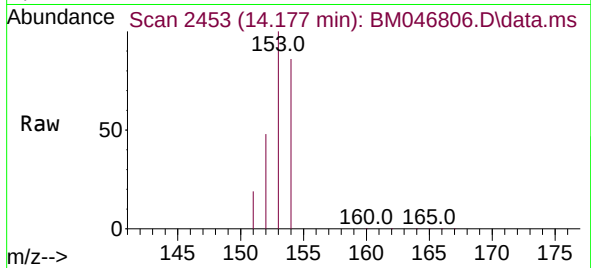
Tgt Ion:152 Resp: 29253
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 1.420 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

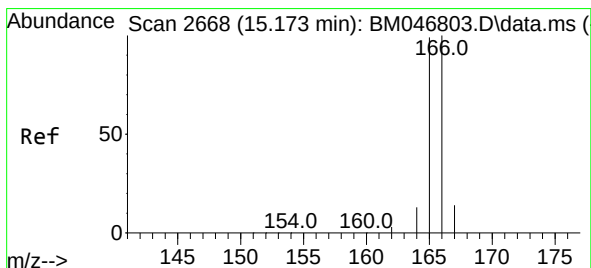
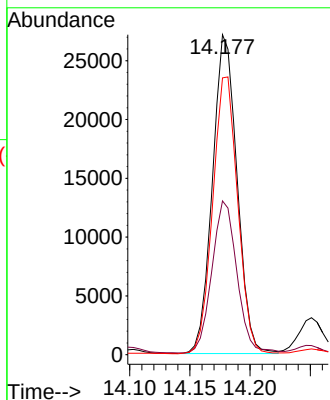
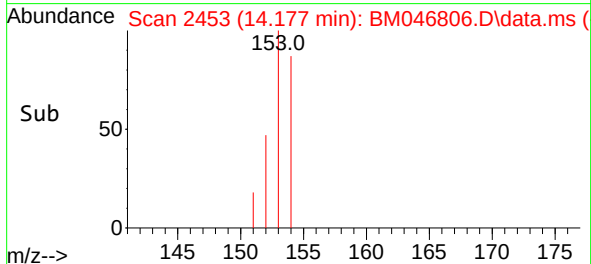
Instrument :
BNA_M
ClientSampleId :
A4BA2



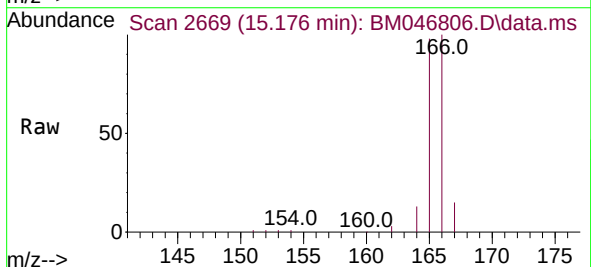
Tgt Ion:153 Resp: 38548
Ion Ratio Lower Upper
153 100
152 48.1 38.6 57.8
154 86.5 70.8 106.2

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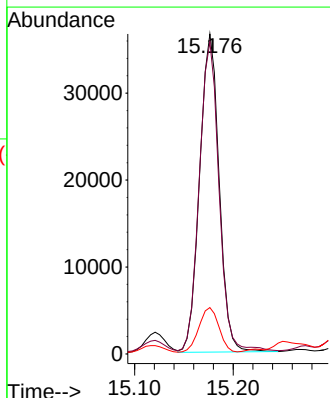
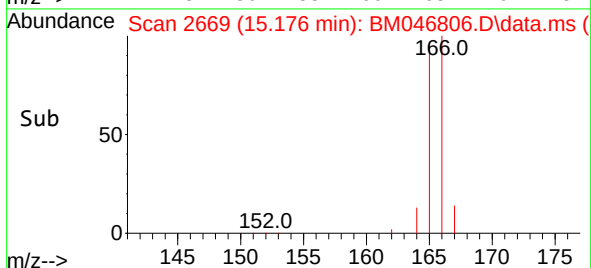
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

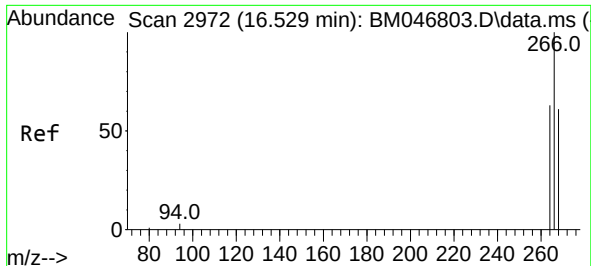


#12
Fluorene
Concen: 1.483 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00



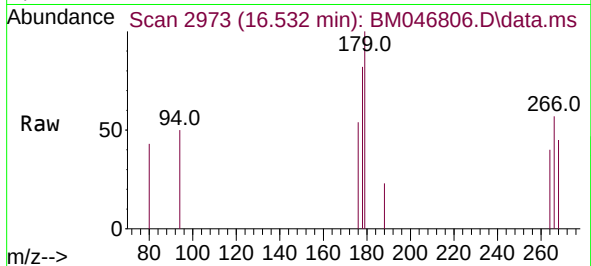
Tgt Ion:166 Resp: 50344
Ion Ratio Lower Upper
166 100
165 97.5 79.8 119.6
167 14.5 12.3 18.5





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

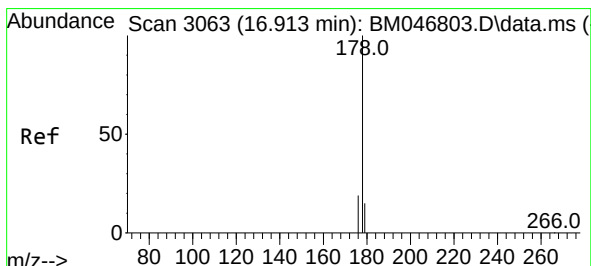
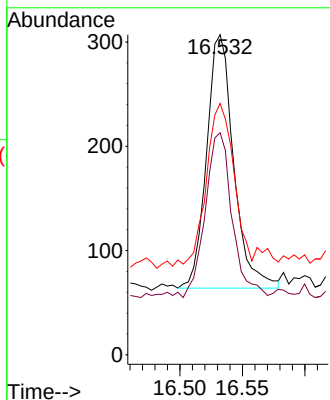
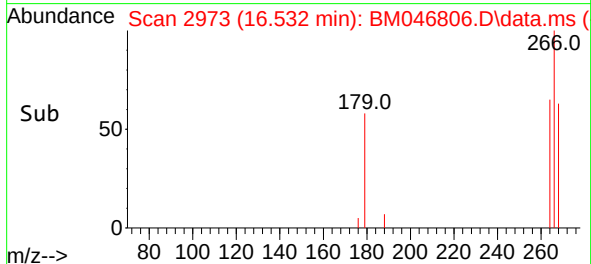
Instrument :
BNA_M
ClientSampleId :
A4BA2



Tgt Ion:266 Resp: 360
Ion Ratio Lower Upper
266 100
264 63.1 51.1 76.7
268 65.0 51.8 77.6

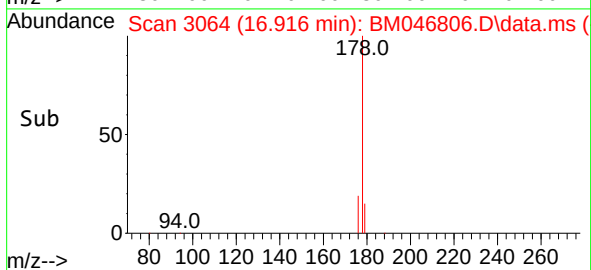
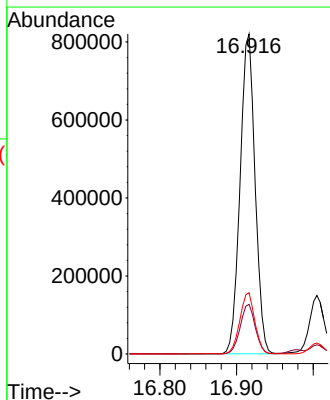
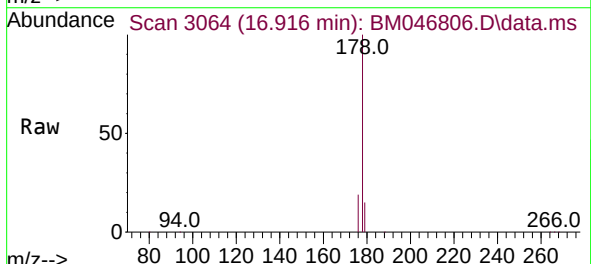
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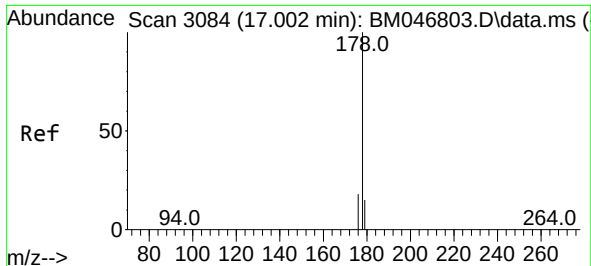
Reviewed By :Jagrut Upadhyay 07/26/2024
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#15
Phenanthrene
Concen: 19.070 ng/ul
RT: 16.916 min Scan# 3064
Delta R.T. 0.003 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

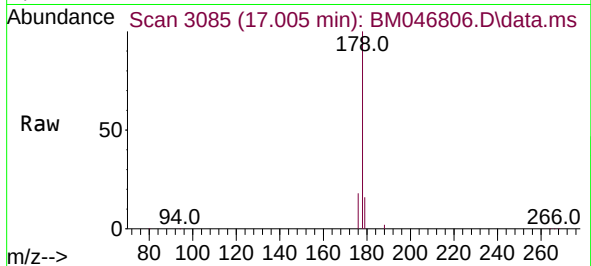
Tgt Ion:178 Resp: 1111250
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 19.2 16.1 24.1





#16
 Anthracene
 Concen: 3.621 ng/ul
 RT: 17.005 min Scan# 3084
 Delta R.T. -0.001 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00

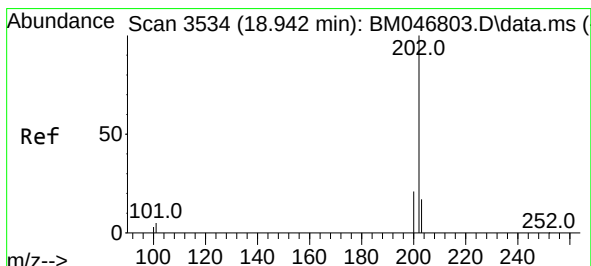
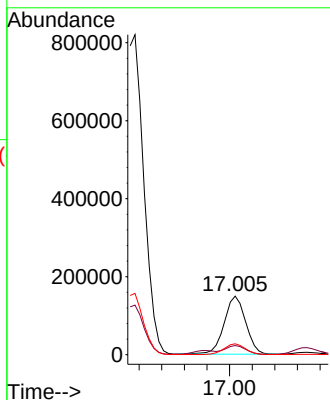
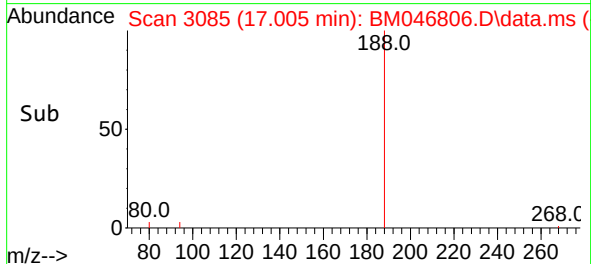
Instrument :
 BNA_M
 ClientSampleId :
 A4BA2



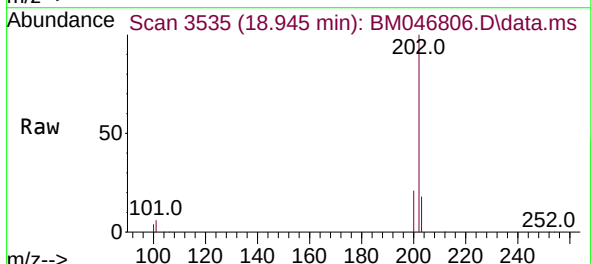
Tgt Ion:178 Resp: 196418
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 18.5 15.0 22.6

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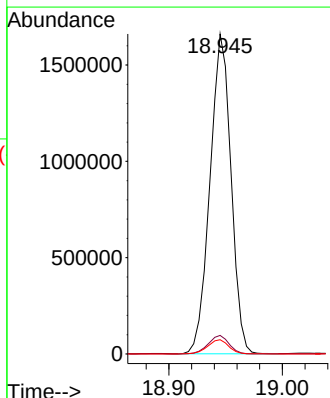
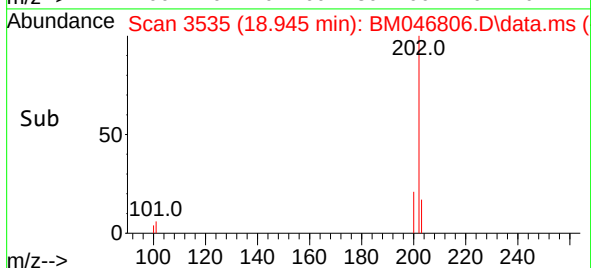
Reviewed By :Jagrut Upadhyay 07/26/2024
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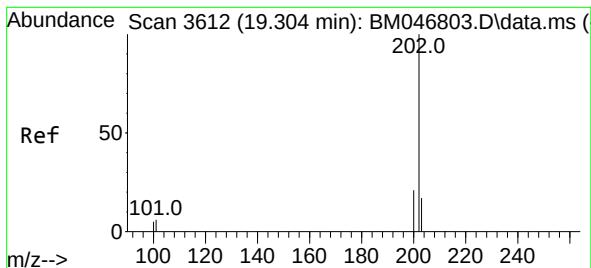


#19
 Fluoranthene
 Concen: 49.216 ng/ul
 RT: 18.945 min Scan# 3535
 Delta R.T. 0.003 min
 Lab File: BM046806.D
 Acq: 25 Jul 2024 19:00



Tgt Ion:202 Resp: 2135114
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.7 7.1
 100 4.4 3.4 5.2





#20

Pyrene

Concen: 31.026 ng/u1

RT: 19.312 min Scan# 3

Delta R.T. 0.008 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BA2

Tgt Ion:202 Resp: 139234

Ion Ratio Lower Upper

202 100

101 6.1 5.2 7.8

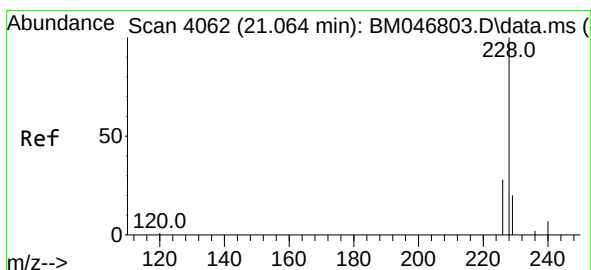
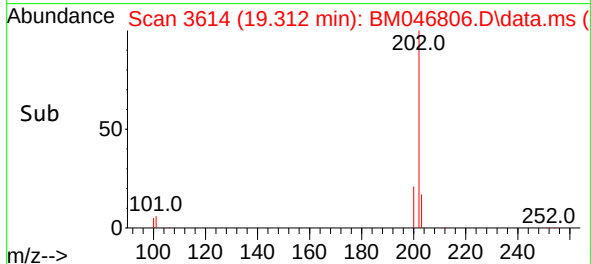
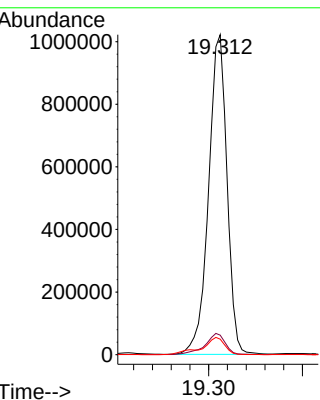
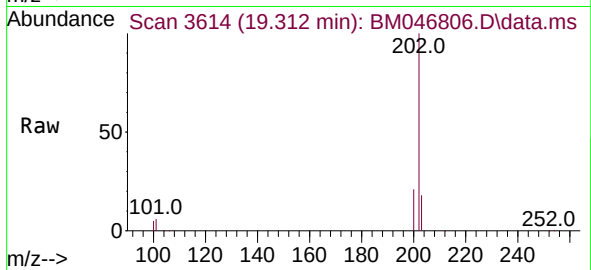
100 4.9 4.3 6.5

Manual Integrations

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Supervised By :mohammad ahmed 07/27/2024



#21

Benzo(a)anthracene

Concen: 15.988 ng/u1

RT: 21.067 min Scan# 4063

Delta R.T. 0.003 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

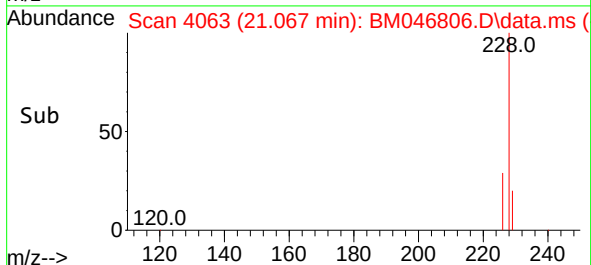
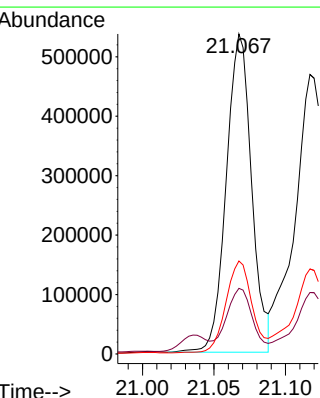
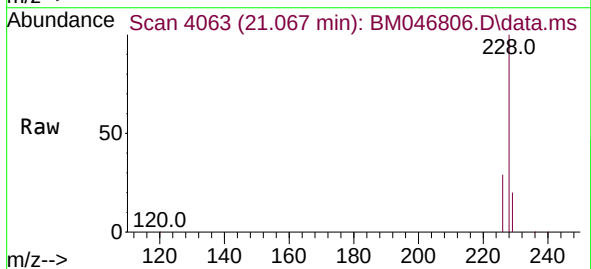
Tgt Ion:228 Resp: 658110

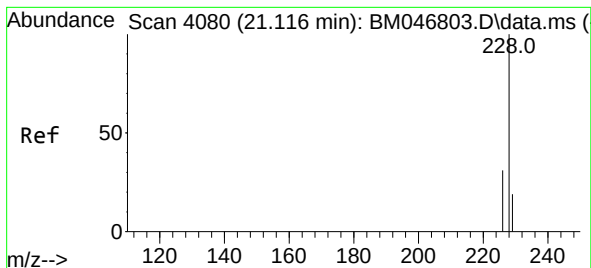
Ion Ratio Lower Upper

228 100

229 20.5 16.3 24.5

226 29.0 22.3 33.5





#22

Chrysene

Concen: 16.132 ng/ul

RT: 21.117 min Scan# 4080

Delta R.T. 0.001 min

Lab File: BM046806.D

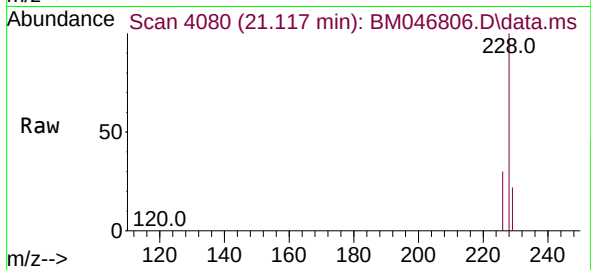
Acq: 25 Jul 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BA2



Tgt Ion:228 Resp: 674538

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

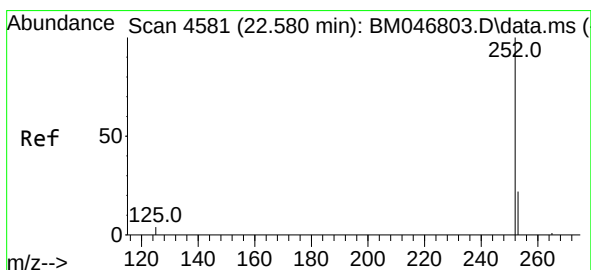
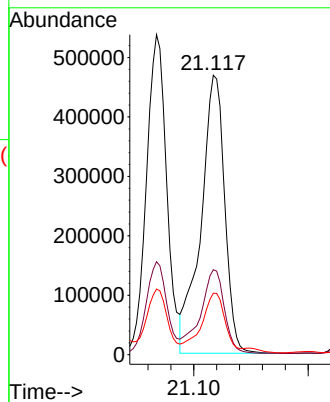
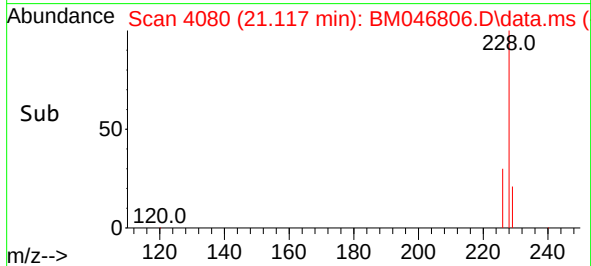
229 22.0 16.2 24.2

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 18.808 ng/ul m

RT: 22.587 min Scan# 4583

Delta R.T. 0.006 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

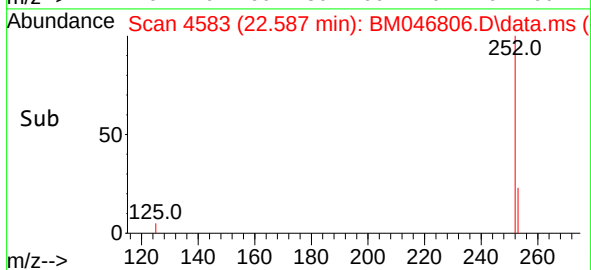
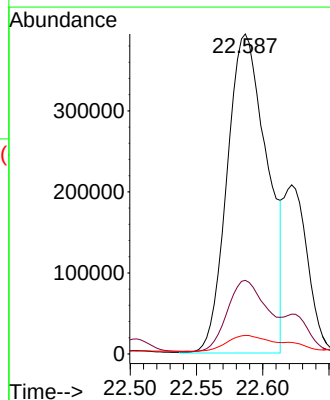
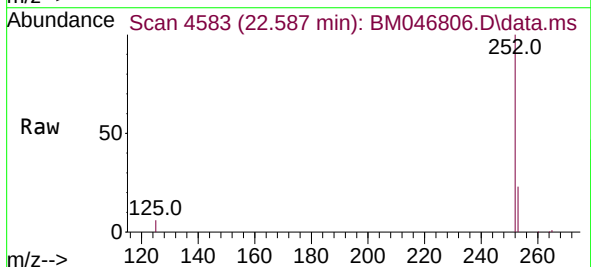
Tgt Ion:252 Resp: 827315

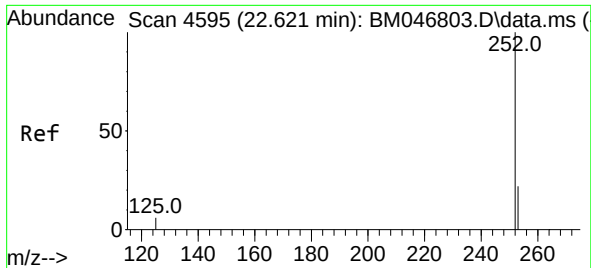
Ion Ratio Lower Upper

252 100

253 23.0 0.0 56.4

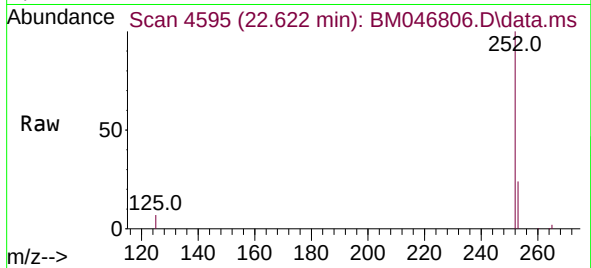
125 5.8 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 5.955 ng/ul m
RT: 22.622 min Scan# 4595
Delta R.T. 0.001 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

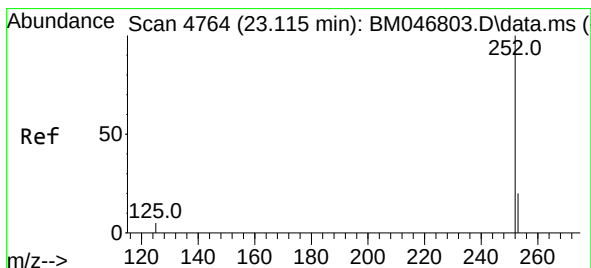
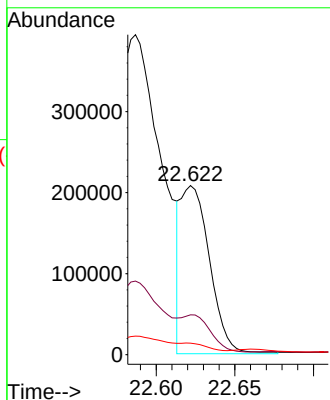
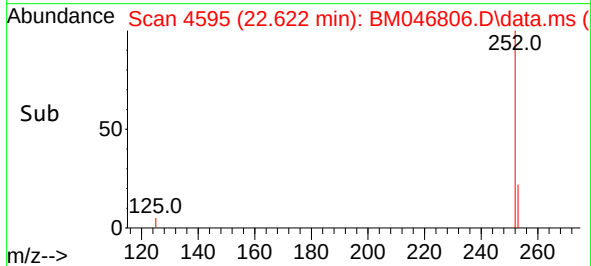
Instrument :
BNA_M
ClientSampleId :
A4BA2



Tgt Ion:252 Resp: 263945
Ion Ratio Lower Upper
252 100
253 23.6 23.5 35.3
125 6.8 8.6 13.0

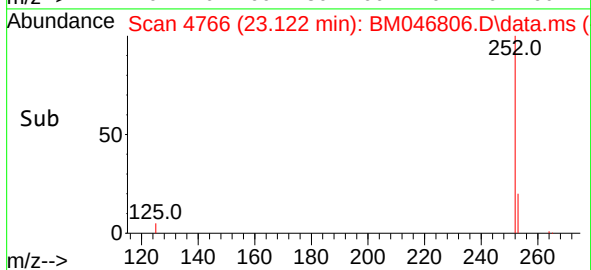
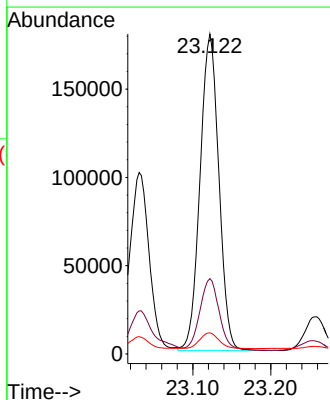
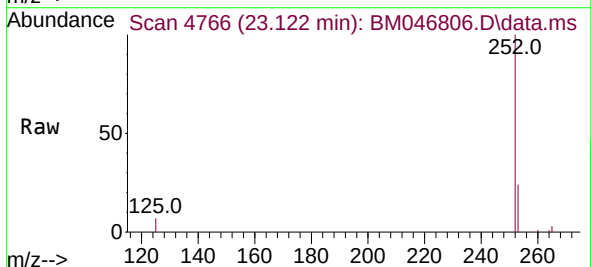
Manual Integrations
APPROVED

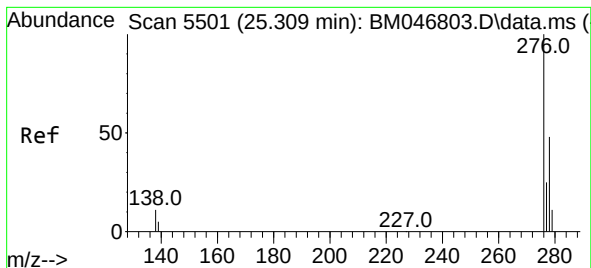
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
Benzo(a)pyrene
Concen: 9.493 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. 0.003 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Tgt Ion:252 Resp: 299779
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 6.6 7.8 11.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.113 ng/ul

RT: 25.320 min Scan# 5504

Delta R.T. 0.004 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BA2

Tgt Ion:276 Resp: 297100

Ion Ratio Lower Upper

276 100

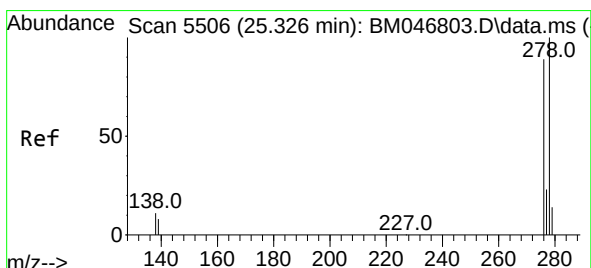
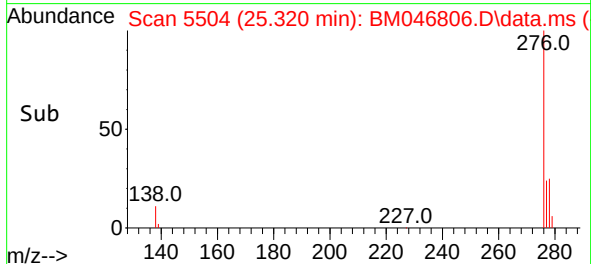
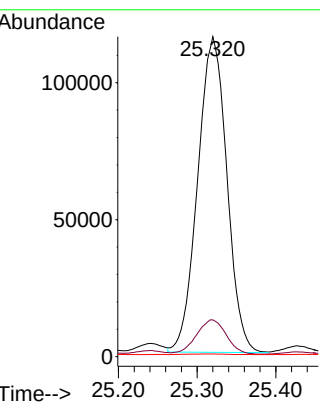
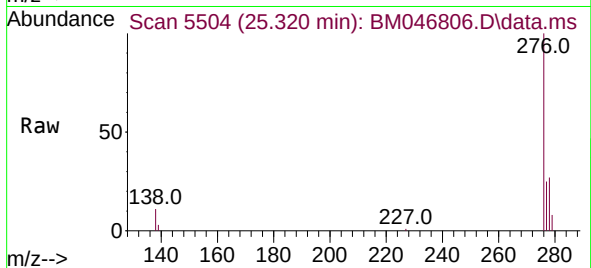
138 11.2 9.7 14.5

227 0.3 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#28

Dibenzo(a,h)anthracene

Concen: 2.627 ng/ul

RT: 25.327 min Scan# 5506

Delta R.T. -0.006 min

Lab File: BM046806.D

Acq: 25 Jul 2024 19:00

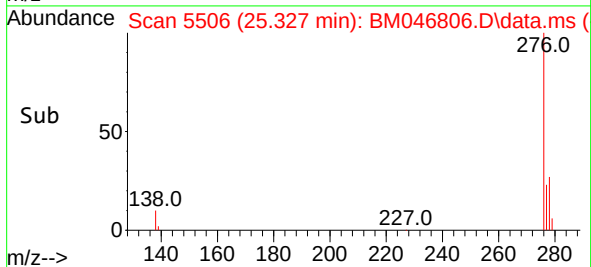
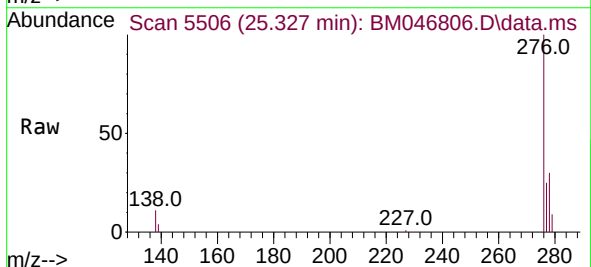
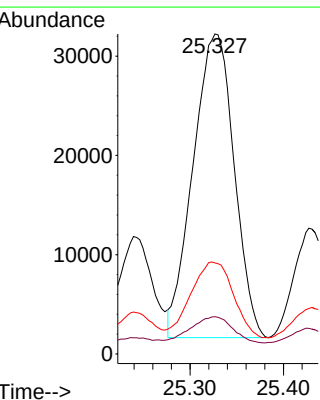
Tgt Ion:278 Resp: 93475

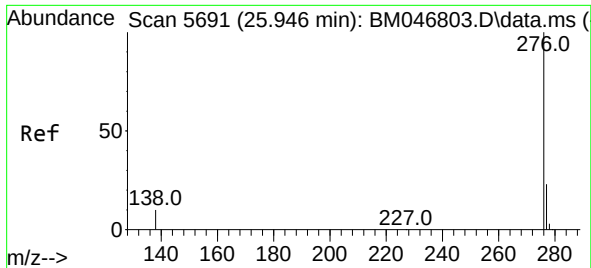
Ion Ratio Lower Upper

278 100

139 11.7 9.8 14.8

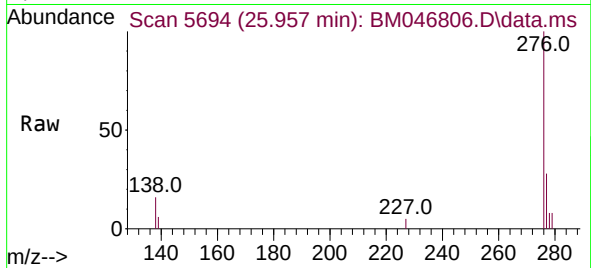
279 28.4 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 1.081 ng/ul
RT: 25.957 min Scan# 50
Delta R.T. 0.004 min
Lab File: BM046806.D
Acq: 25 Jul 2024 19:00

Instrument :
BNA_M
ClientSampleId :
A4BA2



Tgt Ion:276 Resp: 46254
Ion Ratio Lower Upper
276 100
138 15.6 9.5 14.3
277 28.4 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

