

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046810.D
 Acq On : 25 Jul 2024 21:27
 Operator : MA/JU
 Sample : P3263-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD6

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 00:30:45 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	4952	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	14234	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8644	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	18063m	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	7176	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	13684	3.947	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	6572	0.290	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	11289	0.483	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.277	128	29053	0.807	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	12450	0.502	ng/ul	99
8) 1-Methylnaphthalene	12.124	142	9865	0.385	ng/ul	100
10) Acenaphthylene	13.836	152	20091	0.507	ng/ul	98
11) Acenaphthene	14.178	153	32662	1.215	ng/ul	99
12) Fluorene	15.178	166	42047	1.252	ng/ul	98
14) Pentachlorophenol	16.529	266	167	0.020	ng/ul#	81
15) Phenanthrene	16.918	178	876707	16.887	ng/ul	97
16) Anthracene	17.006	178	102554	2.122	ng/ul	99
19) Fluoranthene	18.946	202	1016961	32.268	ng/ul	99
20) Pyrene	19.309	202	592092	18.162	ng/ul	99
21) Benzo(a)anthracene	21.067	228	281644	9.419	ng/ul	99
22) Chrysene	21.117	228	297884	9.806	ng/ul	99
24) Benzo(b)fluoranthene	22.583	252	383060m	10.524	ng/ul	
25) Benzo(k)fluoranthene	22.621	252	136017m	3.708	ng/ul	
26) Benzo(a)pyrene	23.118	252	129997	4.975	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.316	276	135301	3.364	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.323	278	45867	1.558	ng/ul	98
29) Benzo(g,h,i)perylene	25.953	276	20741	0.586	ng/ul#	89

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

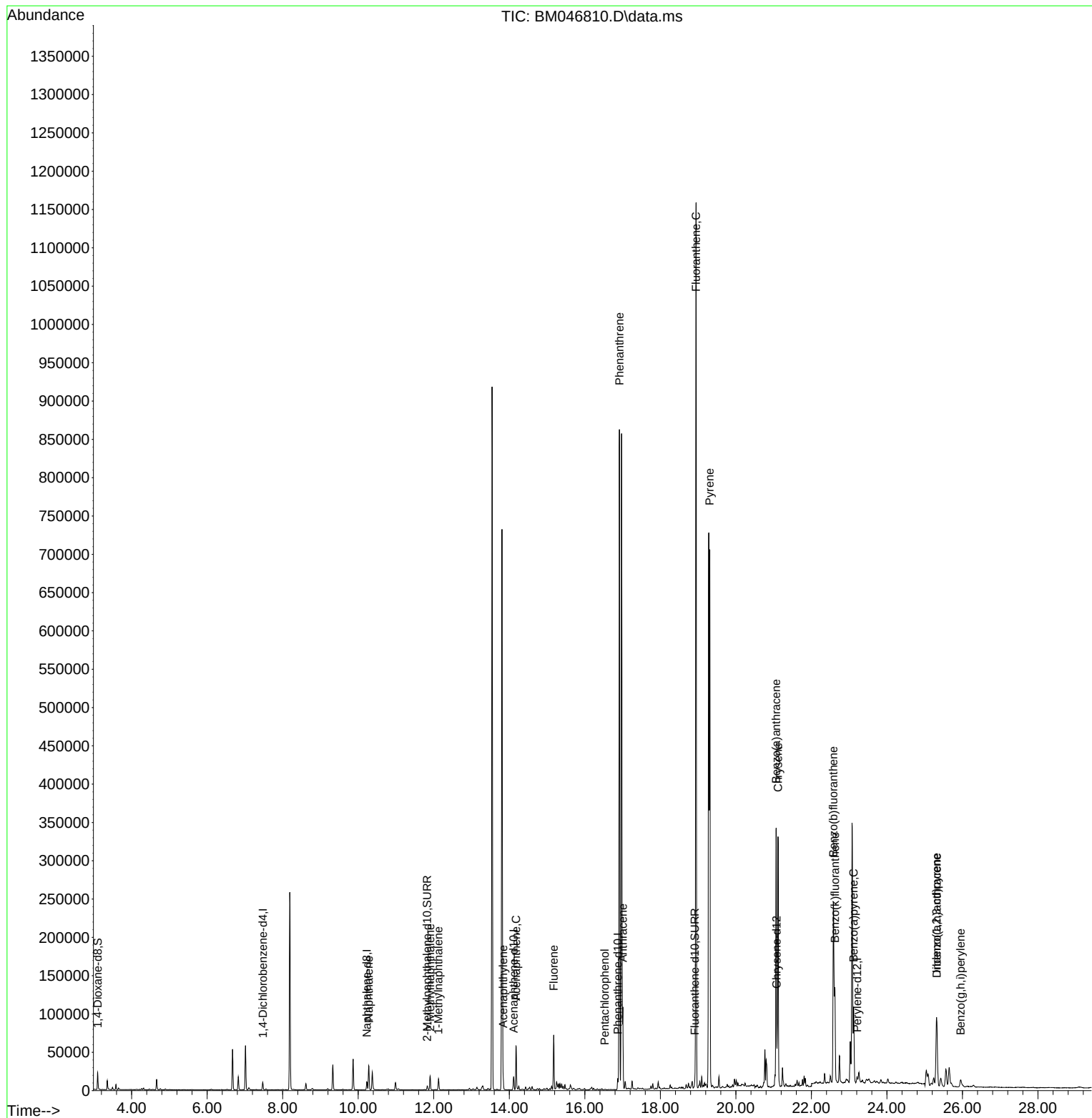
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046810.D
Acq On : 25 Jul 2024 21:27
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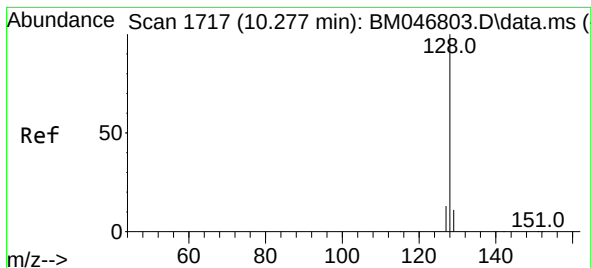
Instrument :
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A4BD6

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Supervised By :mohammad ahmed 07/27/2024

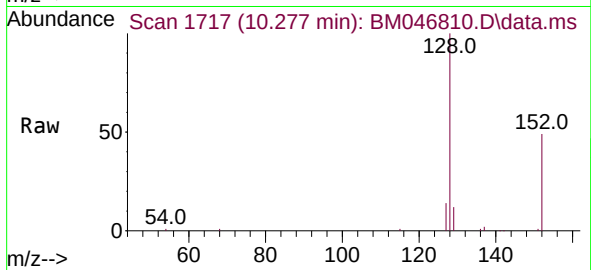
Quant Time: Jul 26 00:30:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.807 ng/ul
RT: 10.277 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

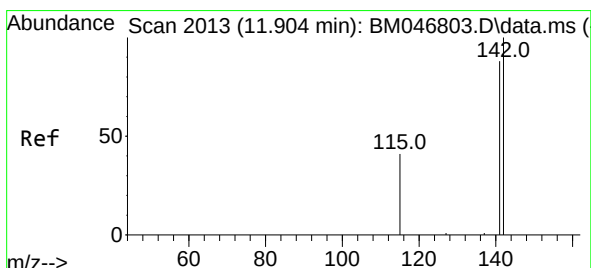
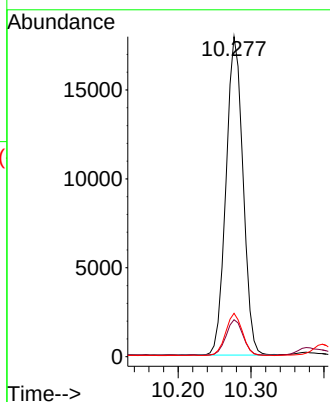
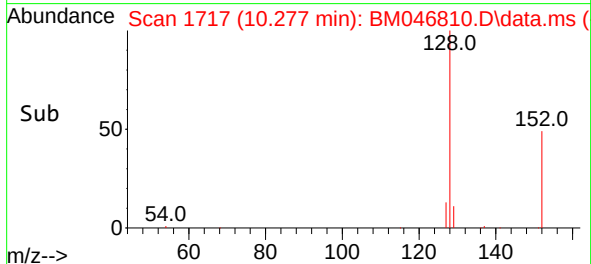
Instrument :
BNA_M
ClientSampleId :
A4BD6



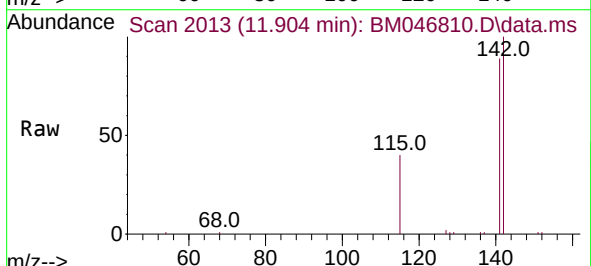
Tgt Ion:128 Resp: 2905
Ion Ratio Lower Upper
128 100
129 11.5 10.1 15.1
127 13.5 11.5 17.3

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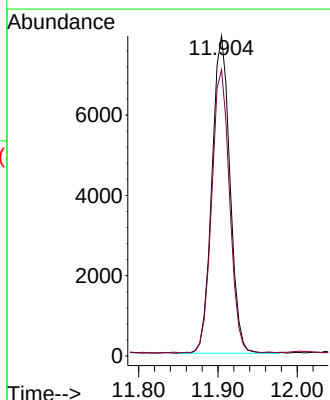
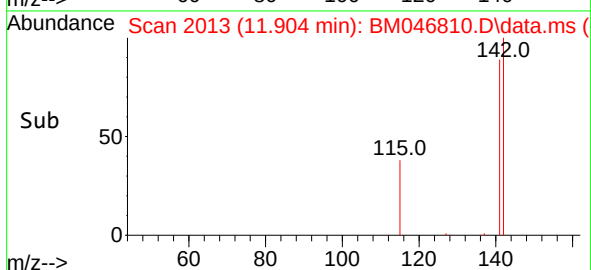
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

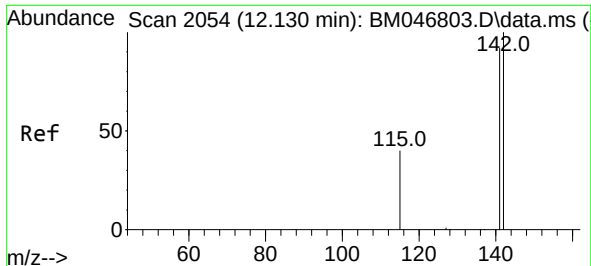


#7
2-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27



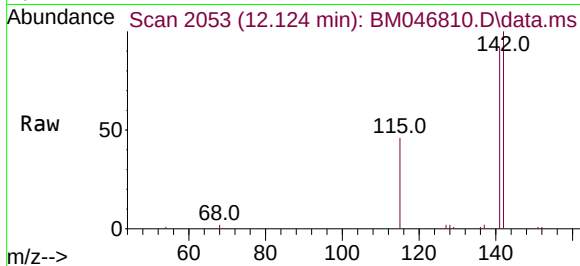
Tgt Ion:142 Resp: 12450
Ion Ratio Lower Upper
142 100
141 88.6 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

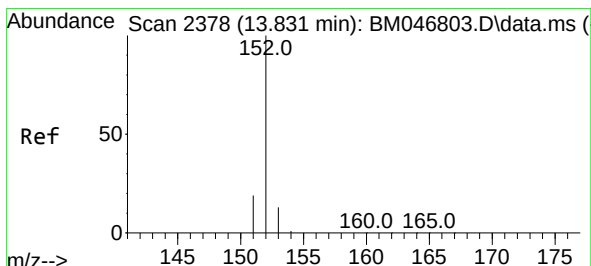
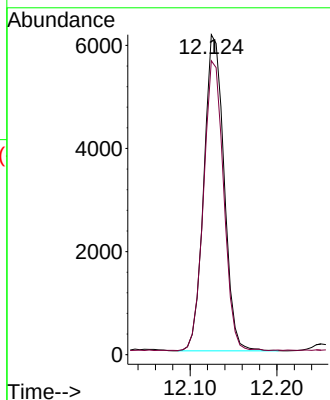
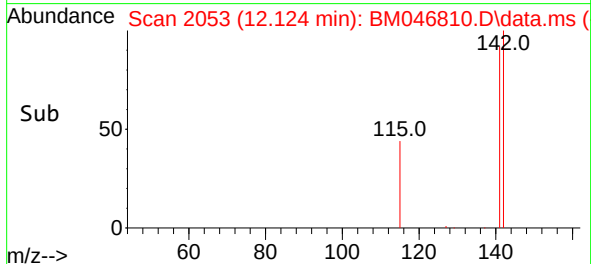
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 986
Ion Ratio Lower Upper
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141 91.2 73.1 109.7

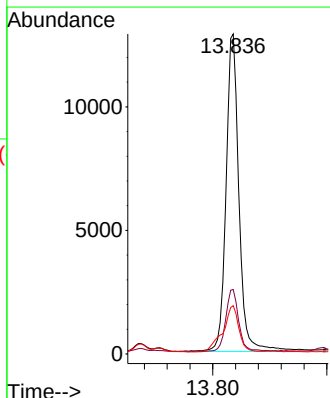
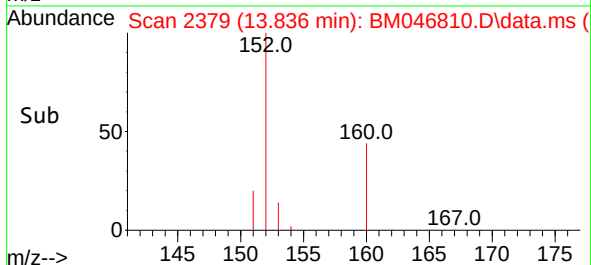
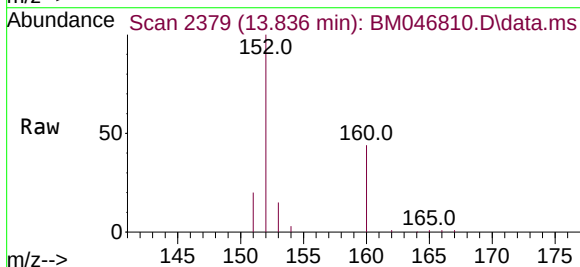
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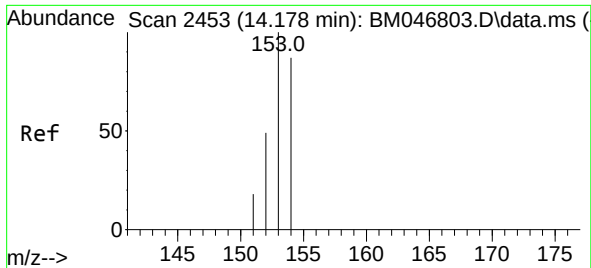
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#10
Acenaphthylene
Concen: 0.507 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

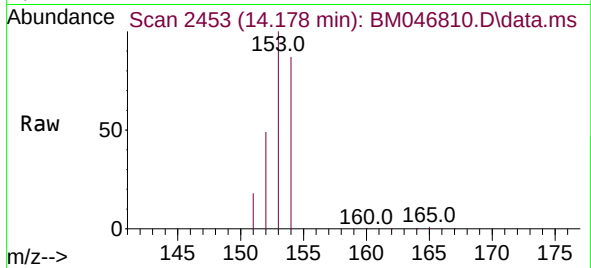
Tgt Ion:152 Resp: 20091
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 15.1 11.0 16.6





#11
Acenaphthene
Concen: 1.215 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

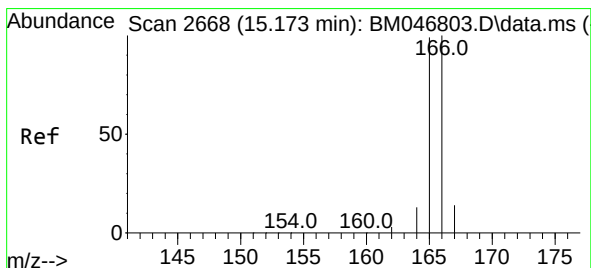
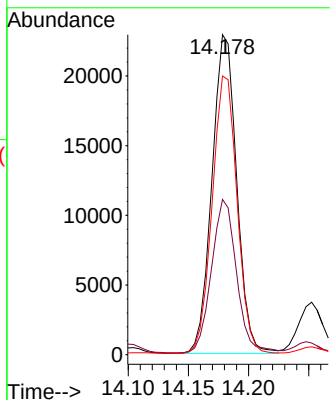
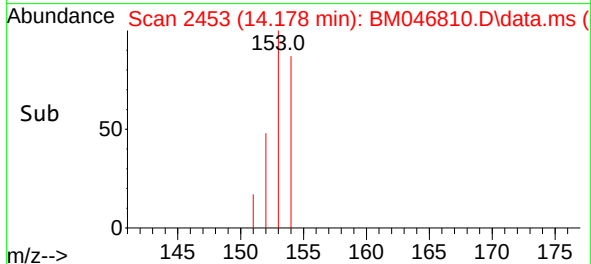
Instrument :
BNA_M
ClientSampleId :
A4BD6



Tgt Ion:153 Resp: 32662
Ion Ratio Lower Upper
153 100
152 48.5 38.6 57.8
154 87.1 70.8 106.2

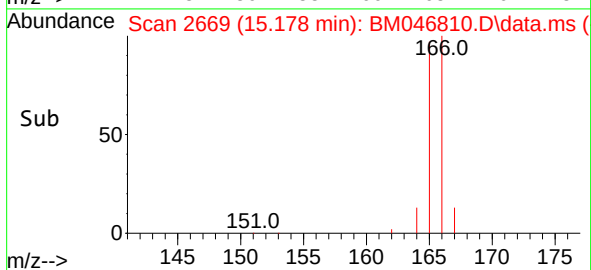
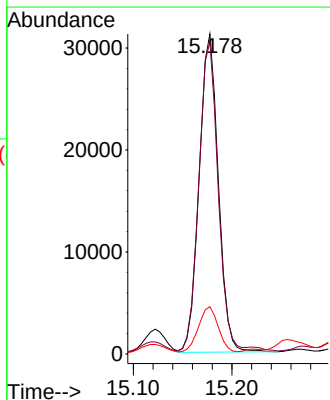
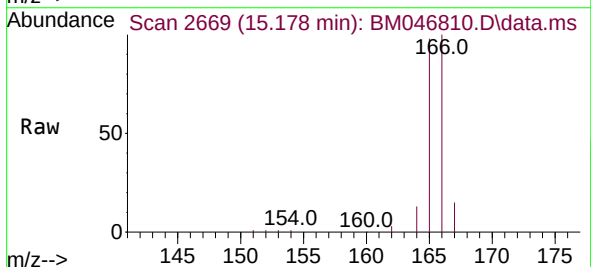
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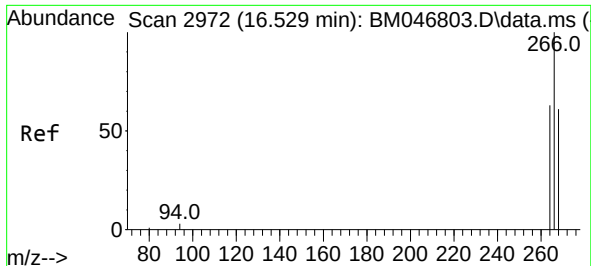
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 1.252 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

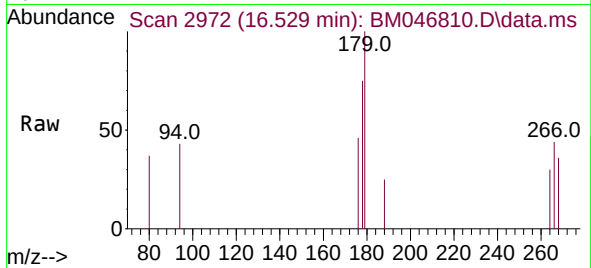
Tgt Ion:166 Resp: 42047
Ion Ratio Lower Upper
166 100
165 97.6 79.8 119.6
167 14.8 12.3 18.5





#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.004 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

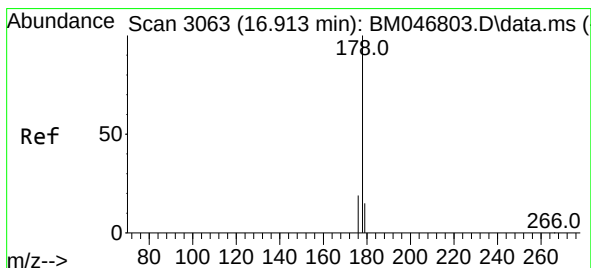
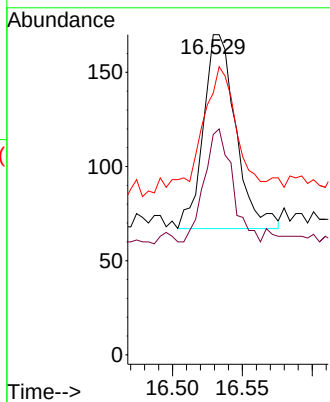
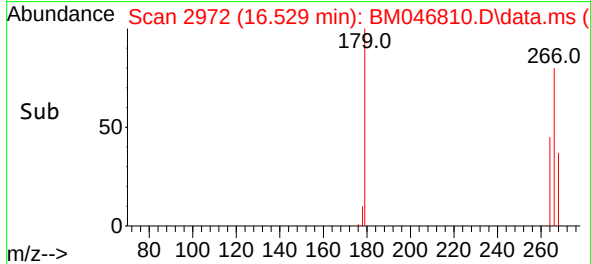
Instrument :
BNA_M
ClientSampleId :
A4BD6



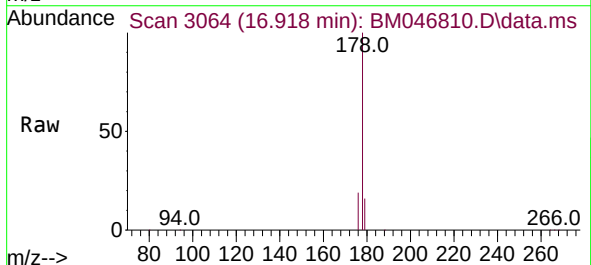
Tgt Ion:266 Resp: 165
Ion Ratio Lower Upper
266 100
264 53.9 51.1 76.7
268 84.4 51.8 77.6

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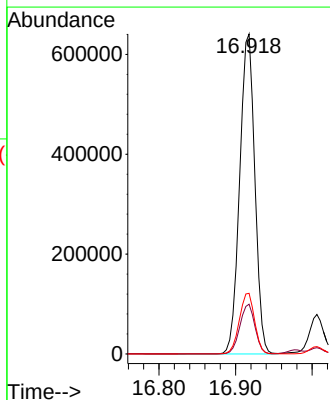
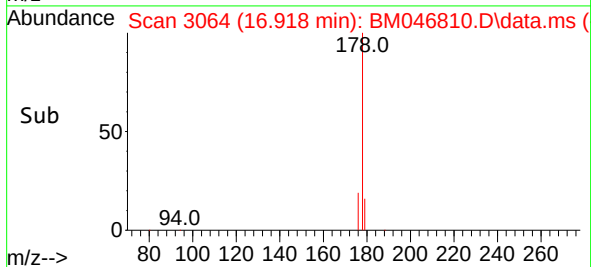
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

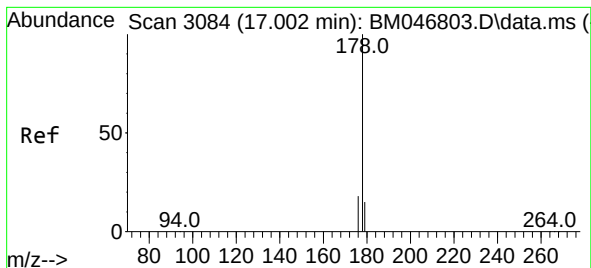


#15
Phenanthrene
Concen: 16.887 ng/ul
RT: 16.918 min Scan# 3064
Delta R.T. 0.004 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27



Tgt Ion:178 Resp: 876707
Ion Ratio Lower Upper
178 100
179 15.5 13.4 20.2
176 18.9 16.1 24.1





#16

Anthracene

Concen: 2.122 ng/ul

RT: 17.006 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BM046810.D

Acq: 25 Jul 2024 21:27

Instrument :

BNA_M

ClientSampleId :

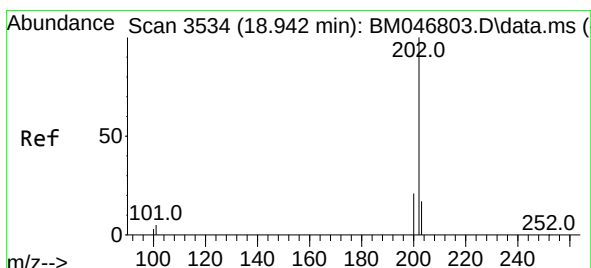
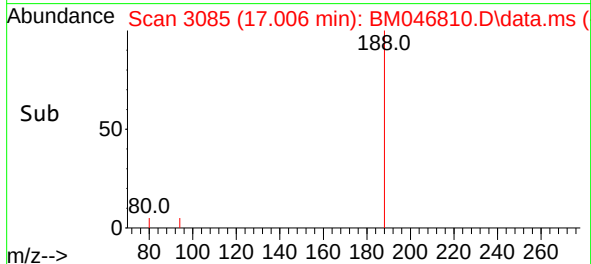
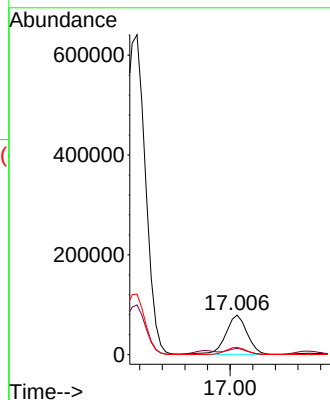
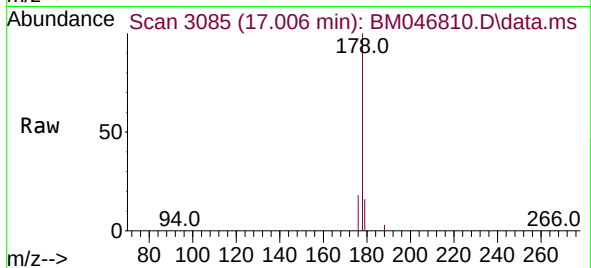
A4BD6

Tgt Ion:178	Resp: 102554
Ion Ratio	Lower Upper
178 100	
179 15.8	13.1 19.7
176 18.5	15.0 22.6

Manual Integrations

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#19

Fluoranthene

Concen: 32.268 ng/ul

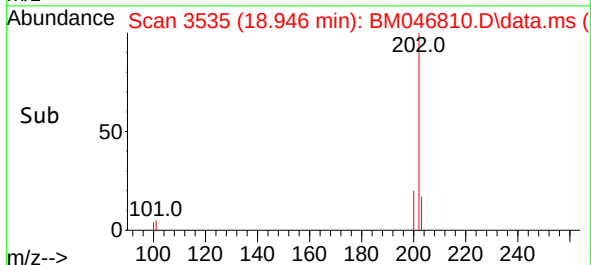
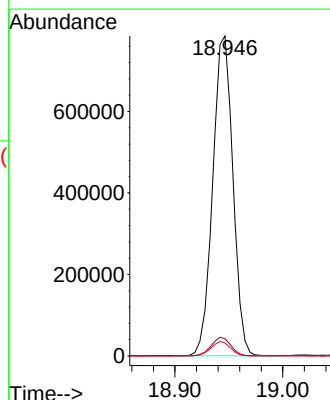
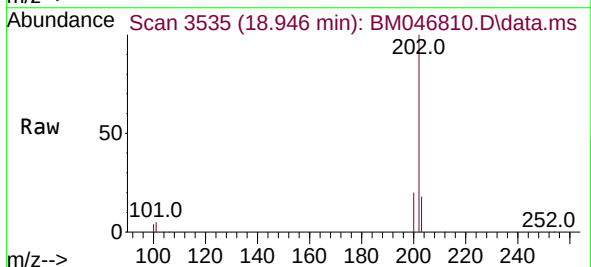
RT: 18.946 min Scan# 3535

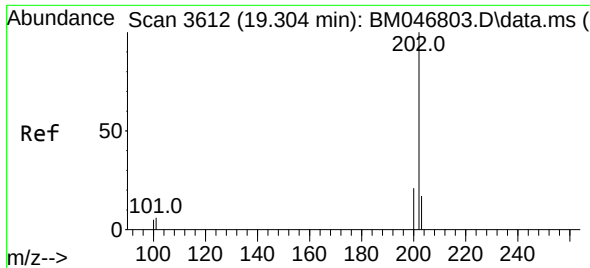
Delta R.T. 0.005 min

Lab File: BM046810.D

Acq: 25 Jul 2024 21:27

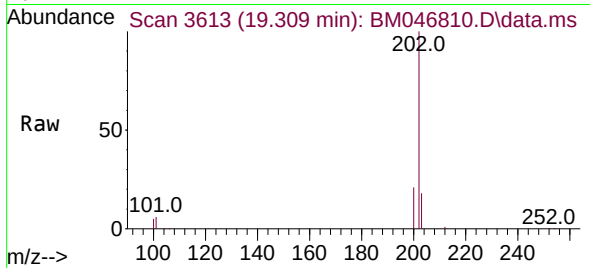
Tgt Ion:202	Resp: 1016961
Ion Ratio	Lower Upper
202 100	
101 5.4	4.7 7.1
100 4.0	3.4 5.2





#20
Pyrene
Concen: 18.162 ng/u1
RT: 19.309 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

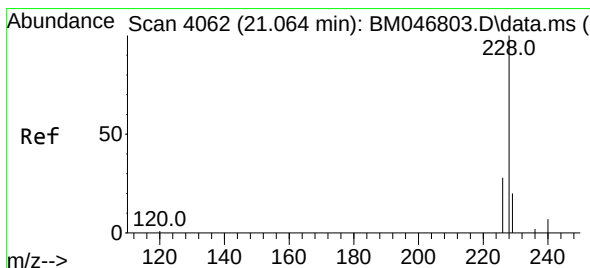
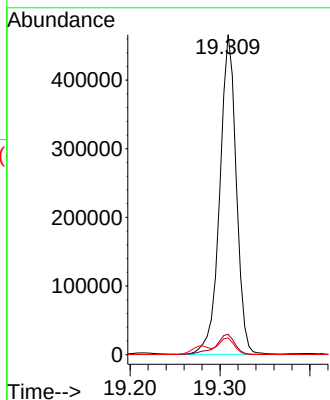
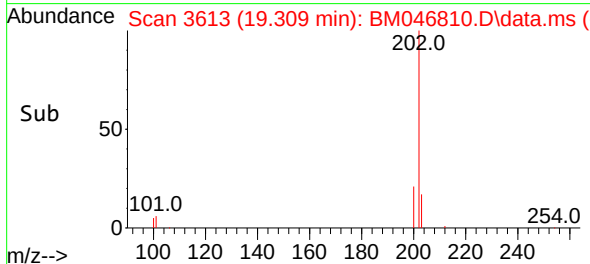
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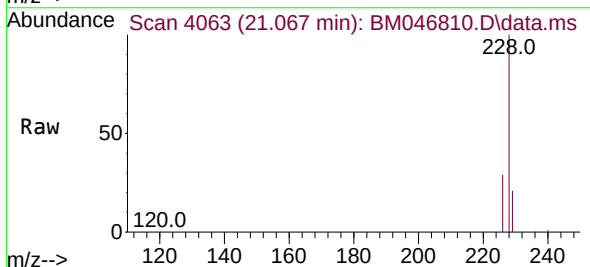
Tgt Ion:202 Resp: 592092
Ion Ratio Lower Upper
202 100
101 6.4 5.2 7.8
100 5.2 4.3 6.5

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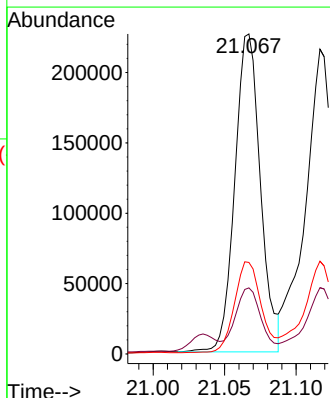
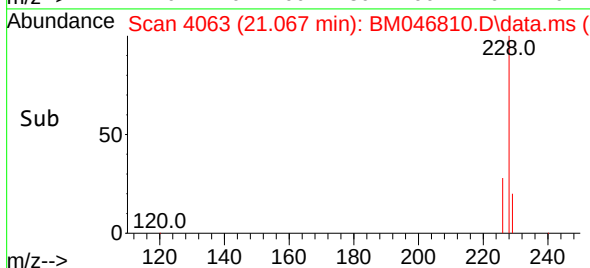
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

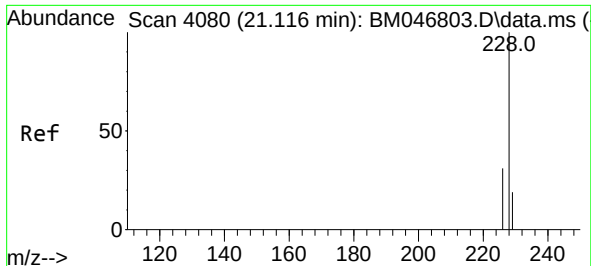


#21
Benzo(a)anthracene
Concen: 9.419 ng/u1
RT: 21.067 min Scan# 4063
Delta R.T. 0.003 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27



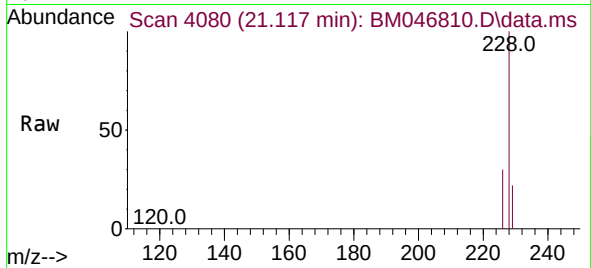
Tgt Ion:228 Resp: 281644
Ion Ratio Lower Upper
228 100
229 20.7 16.3 24.5
226 28.6 22.3 33.5





#22
Chrysene
Concen: 9.806 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

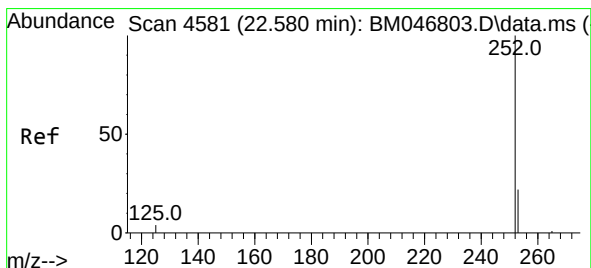
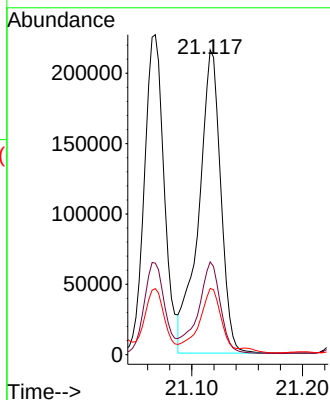
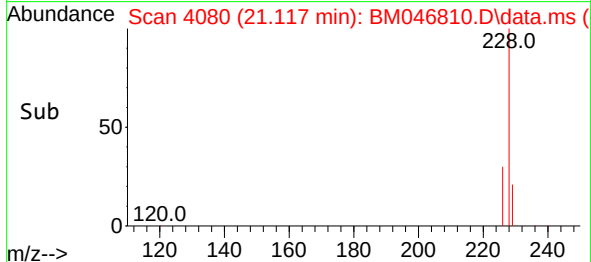
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 297884
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.7 16.2 24.2

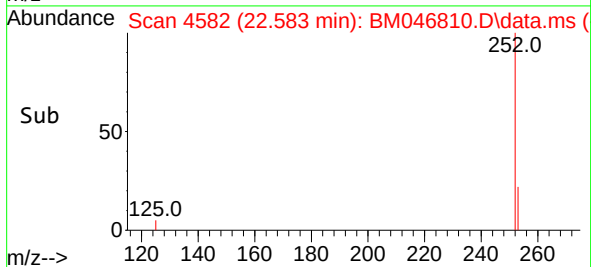
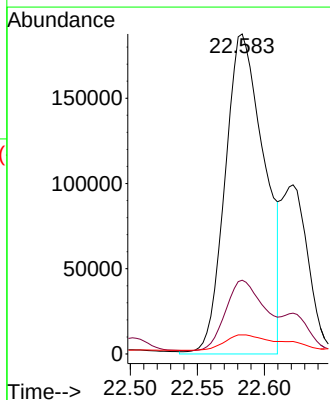
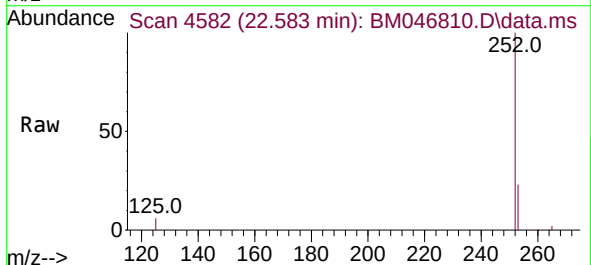
Manual Integrations
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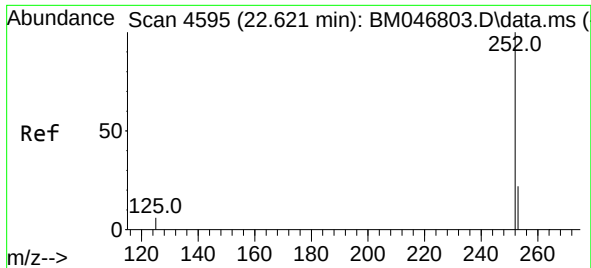
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#24
Benzo(b)fluoranthene
Concen: 10.524 ng/ul m
RT: 22.583 min Scan# 4582
Delta R.T. 0.003 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

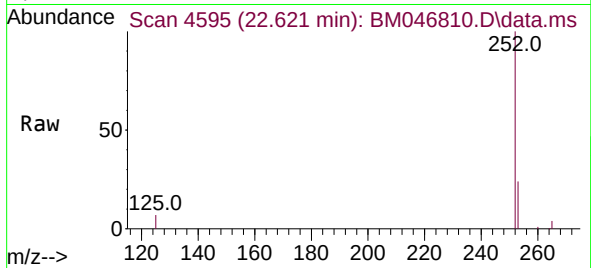
Tgt Ion:252 Resp: 383060
Ion Ratio Lower Upper
252 100
253 23.0 0.0 56.4
125 6.0 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 3.708 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

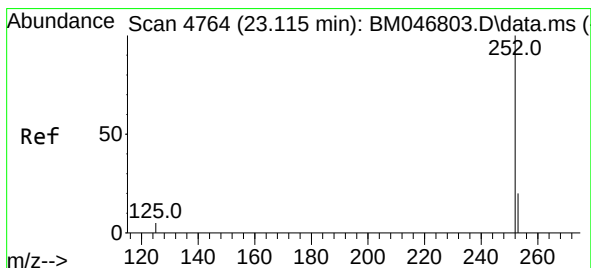
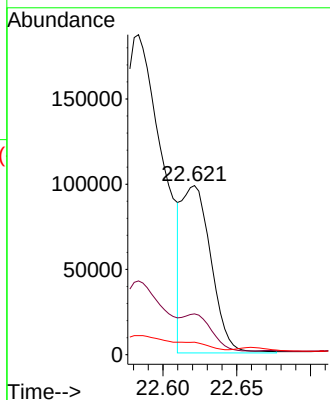
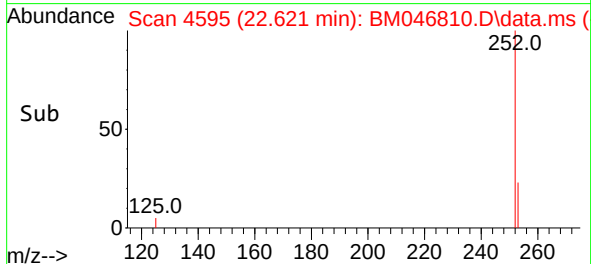
Instrument :
BNA_M
ClientSampleId :
A4BD6



Tgt Ion:252 Resp: 136017
Ion Ratio Lower Upper
252 100
253 24.1 23.5 35.3
125 7.3 8.6 13.0

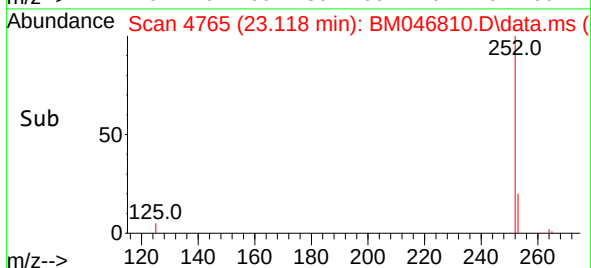
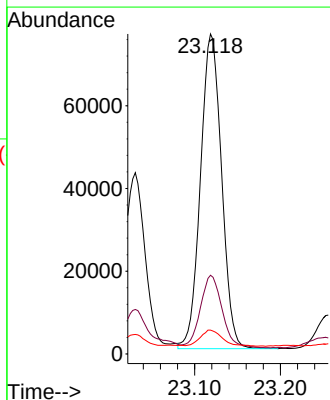
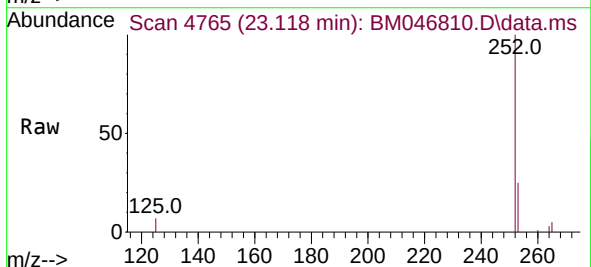
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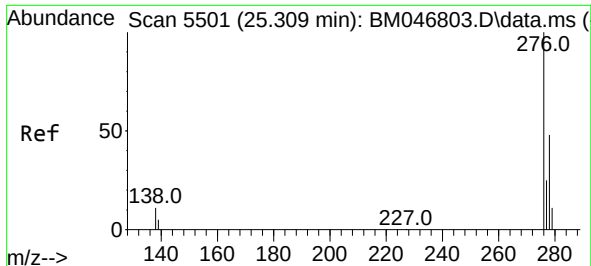
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
Benzo(a)pyrene
Concen: 4.975 ng/ul
RT: 23.118 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

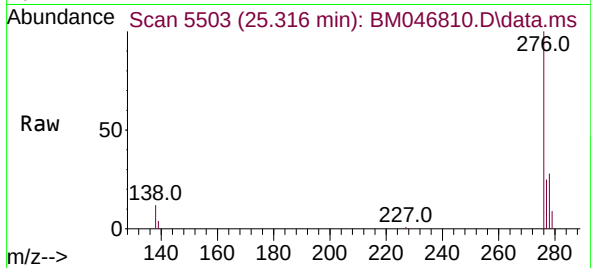
Tgt Ion:252 Resp: 129997
Ion Ratio Lower Upper
252 100
253 24.6 26.0 39.0#
125 7.4 7.8 11.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.364 ng/ul
 RT: 25.316 min Scan# 5503
 Delta R.T. 0.000 min
 Lab File: BM046810.D
 Acq: 25 Jul 2024 21:27

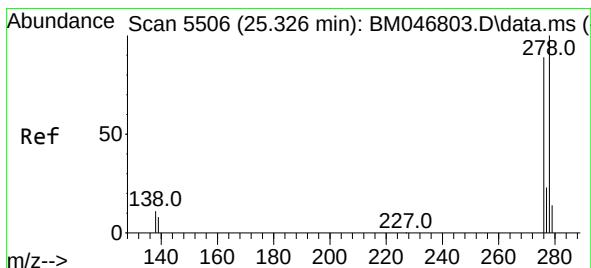
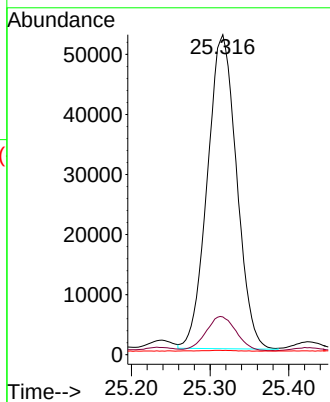
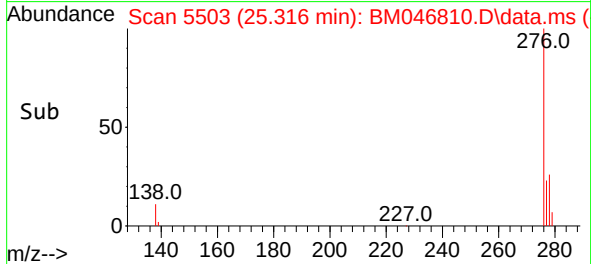
Instrument :
 BNA_M
 ClientSampleId :
 A4BD6



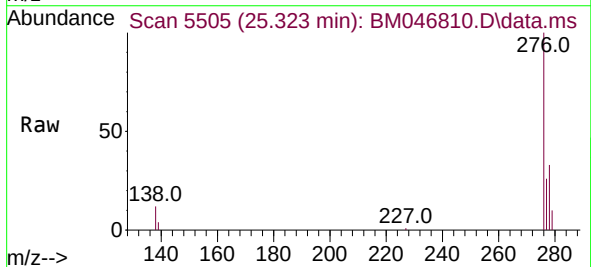
Tgt Ion:276 Resp: 13530
 Ion Ratio Lower Upper
 276 100
 138 11.3 9.7 14.5
 227 0.2 0.2 0.2

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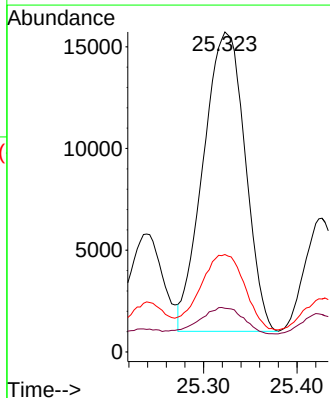
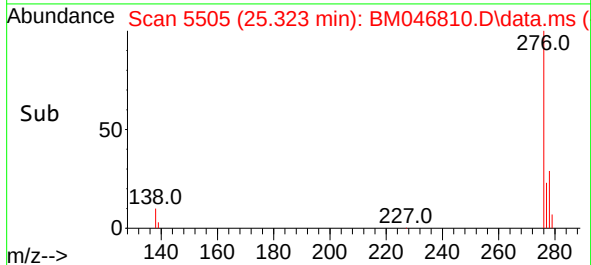
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

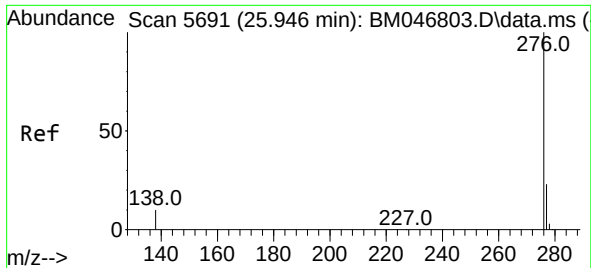


#28
 Dibenzo(a,h)anthracene
 Concen: 1.558 ng/ul
 RT: 25.323 min Scan# 5505
 Delta R.T. -0.010 min
 Lab File: BM046810.D
 Acq: 25 Jul 2024 21:27



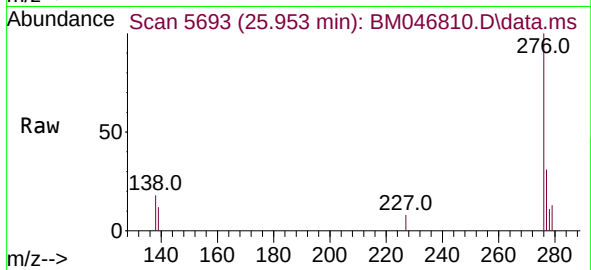
Tgt Ion:278 Resp: 45867
 Ion Ratio Lower Upper
 278 100
 139 13.7 9.8 14.8
 279 30.5 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.586 ng/ul
RT: 25.953 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM046810.D
Acq: 25 Jul 2024 21:27

Instrument :
BNA_M
ClientSampleId :
A4BD6



Tgt Ion:276 Resp: 2074
Ion Ratio Lower Upper
276 100
138 17.6 9.5 14.3
277 30.9 20.9 31.3

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

