

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
 Data File : BM046797.D
 Acq On : 25 Jul 2024 13:29
 Operator : MA/JU
 Sample : P3263-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CLO

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 14:24:49 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	2430	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	6640	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.117	164	4783	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	16261	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	9627	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	8265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6637	3.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	3022	0.286	ng/ul	0.00
18) Fluoranthene-d10	18.913	212	10454	0.333	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.275	128	18202	1.084	ng/ul	98
7) 2-Methylnaphthalene	11.903	142	5331	0.461	ng/ul	99
8) 1-Methylnaphthalene	12.129	142	4034	0.338	ng/ul	99
10) Acenaphthylene	13.835	152	24322	1.110	ng/ul	98
11) Acenaphthene	14.177	153	23547	1.584	ng/ul	99
12) Fluorene	15.176	166	23719	1.276	ng/ul	98
14) Pentachlorophenol	16.532	266	646	0.088	ng/ul	94
15) Phenanthrene	16.912	178	538433	11.520	ng/ul	98
16) Anthracene	17.005	178	89789	2.064	ng/ul	99
19) Fluoranthene	18.940	202	947755	22.416	ng/ul	99
20) Pyrene	19.308	202	708891	16.208	ng/ul	98
21) Benzo(a)anthracene	21.064	228	401185	10.000	ng/ul	99
22) Chrysene	21.117	228	395902	9.715	ng/ul	99
24) Benzo(b)fluoranthene	22.581	252	453221m	12.490	ng/ul	
25) Benzo(k)fluoranthene	22.619	252	150445m	4.114	ng/ul	
26) Benzo(a)pyrene	23.119	252	170905	6.561	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.313	276	156291	3.898	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.320	278	52934	1.804	ng/ul	97
29) Benzo(g,h,i)perylene	25.950	276	32221	0.913	ng/ul#	95

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

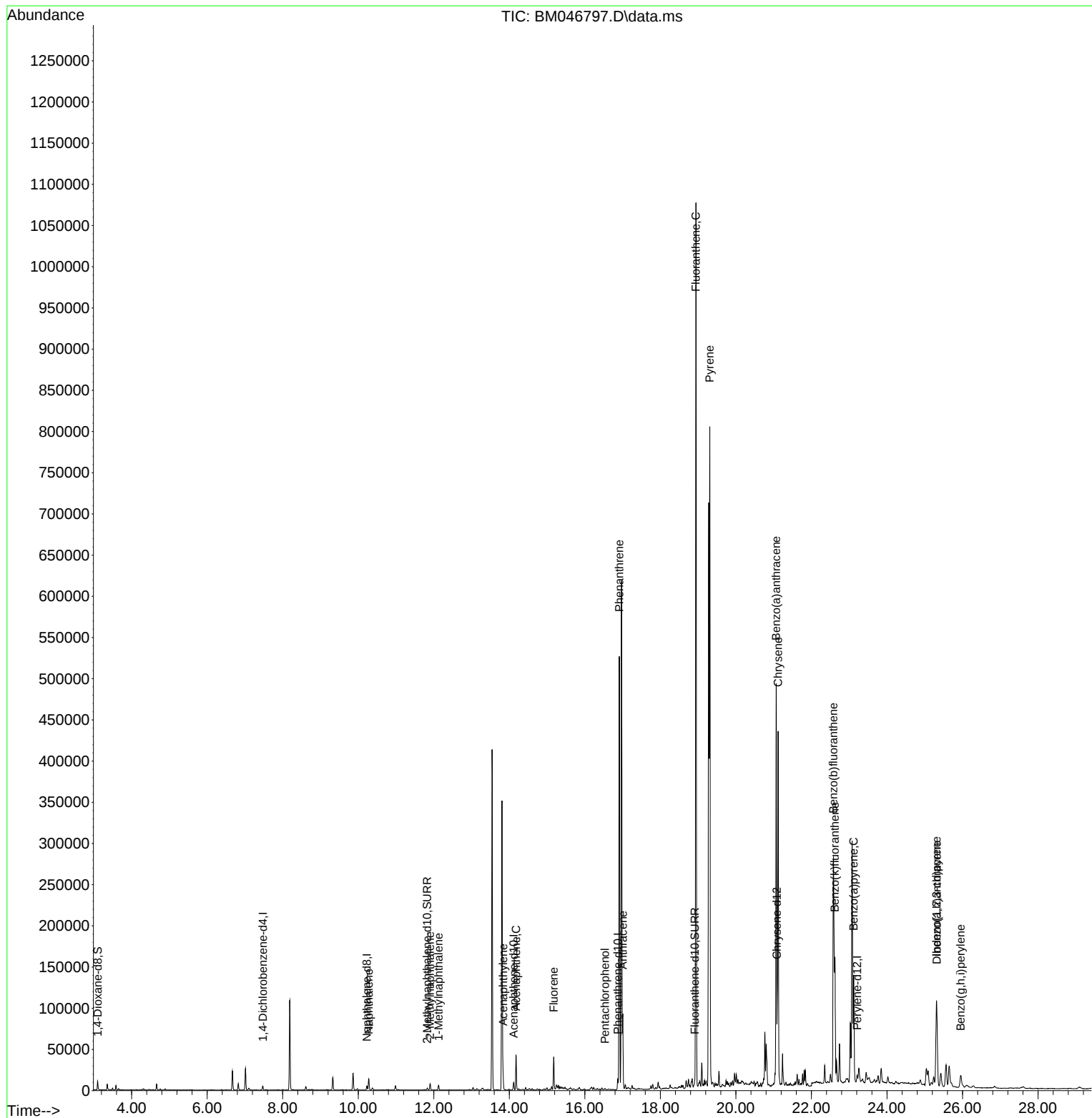
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046797.D
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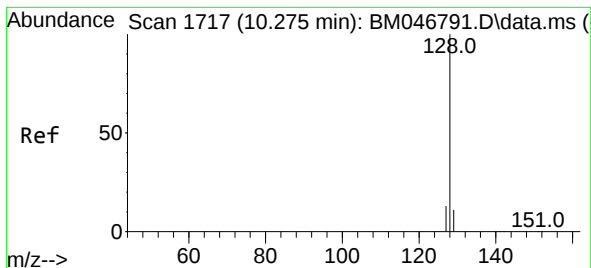
Instrument :
BNA_M
ClientSampleId :
A4CL0

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Response via : Initial Calibration





#5

Naphthalene

Concen: 1.084 ng/ul

RT: 10.275 min Scan# 1717

Delta R.T. -0.001 min

Lab File: BM046797.D

Acq: 25 Jul 2024 13:29

Instrument :

BNA_M

ClientSampleId :

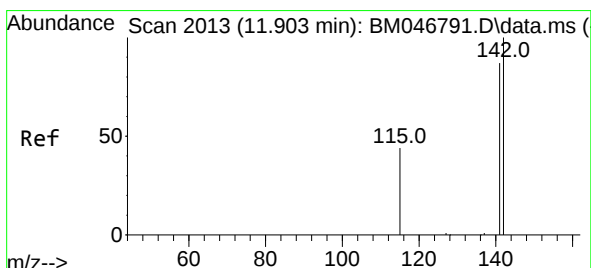
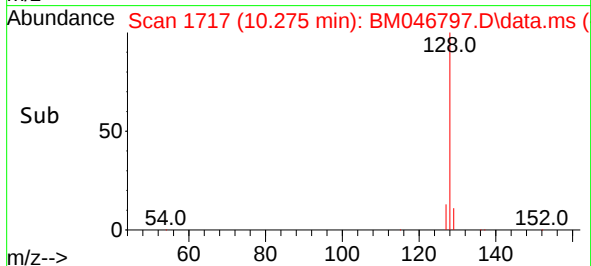
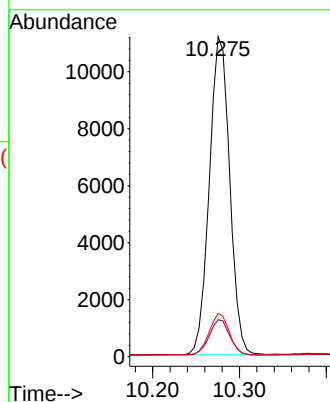
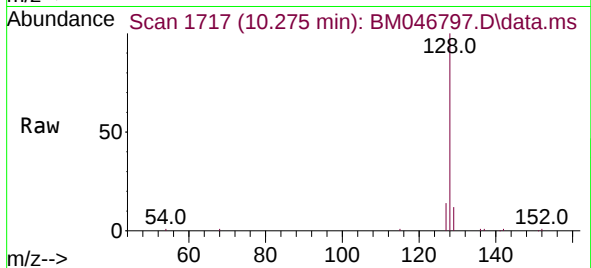
A4CLO

Tgt Ion:128	Resp:	1820
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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#7

2-Methylnaphthalene

Concen: 0.461 ng/ul

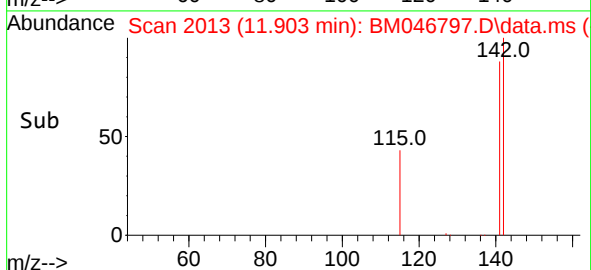
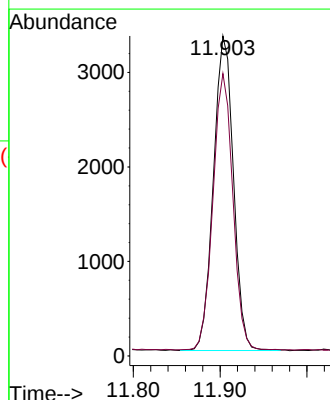
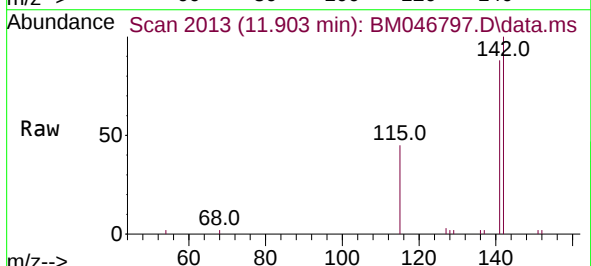
RT: 11.903 min Scan# 2013

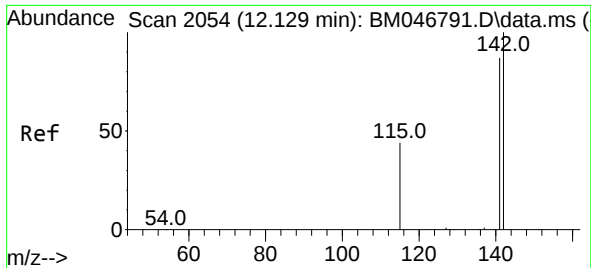
Delta R.T. -0.001 min

Lab File: BM046797.D

Acq: 25 Jul 2024 13:29

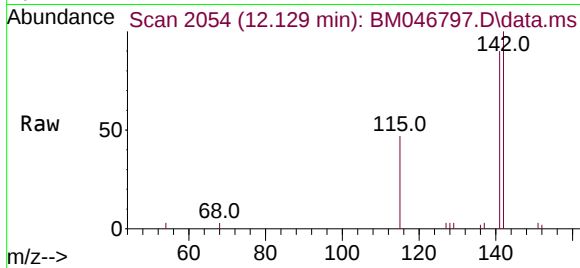
Tgt Ion:142	Resp:	5331
Ion Ratio	Lower	Upper
142	100	
141	87.3	70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.129 min Scan# 2054
Delta R.T. -0.001 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

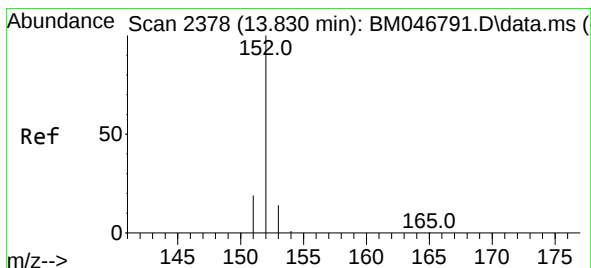
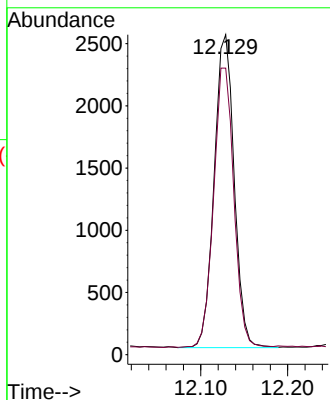
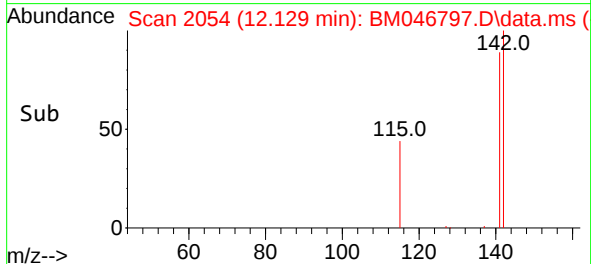
Instrument :
BNA_M
ClientSampleId :
A4CLO



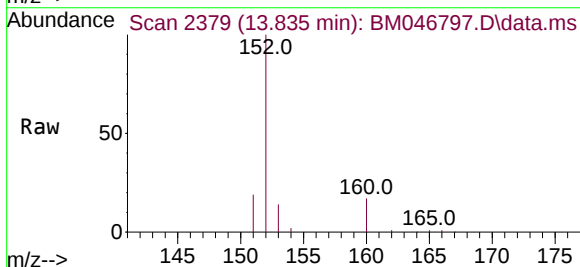
Tgt Ion:142 Resp: 4034
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7

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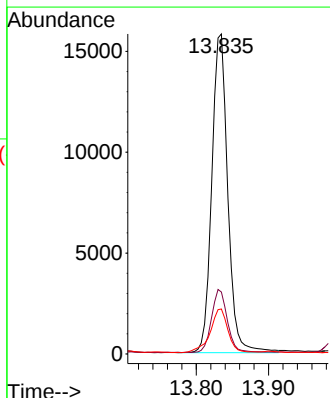
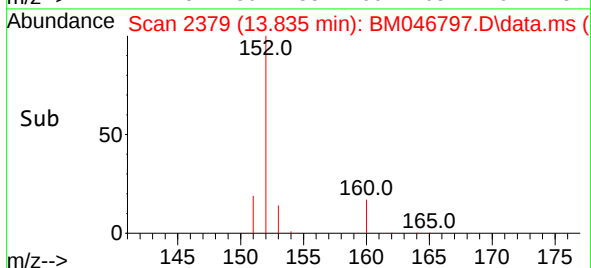
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

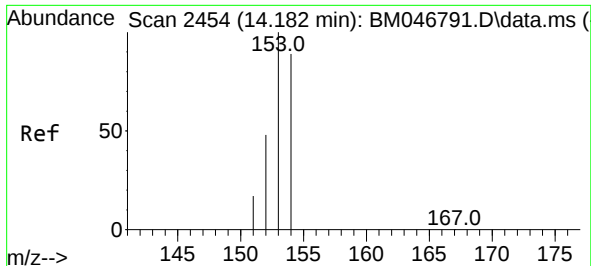


#10
Acenaphthylene
Concen: 1.110 ng/ul
RT: 13.835 min Scan# 2379
Delta R.T. 0.003 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29



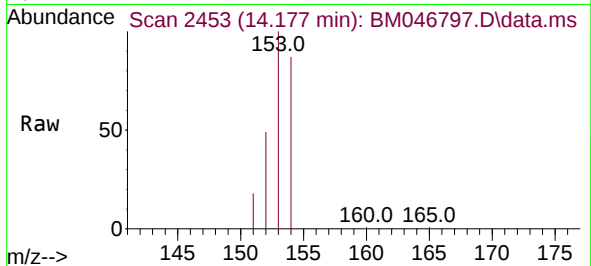
Tgt Ion:152 Resp: 24322
Ion Ratio Lower Upper
152 100
151 19.3 16.8 25.2
153 14.0 11.0 16.6





#11
Acenaphthene
Concen: 1.584 ng/ul
RT: 14.177 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

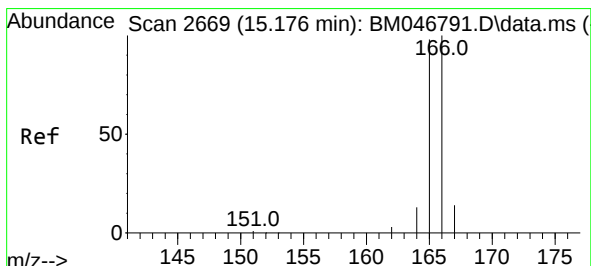
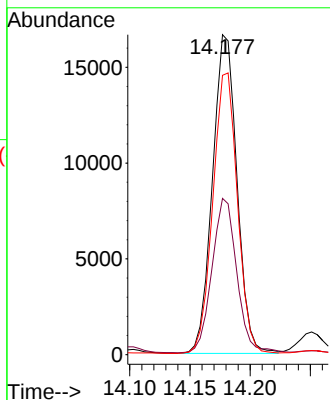
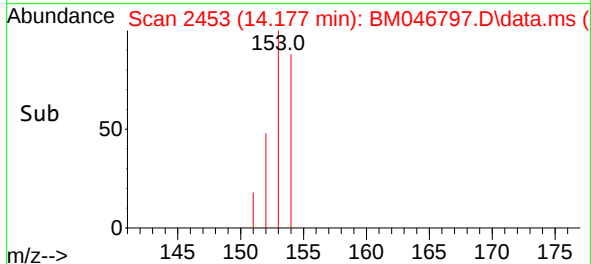
Instrument :
BNA_M
ClientSampleId :
A4CLO



Tgt Ion:153 Resp: 2354
Ion Ratio Lower Upper
153 100
152 48.8 38.6 57.8
154 87.3 70.8 106.2

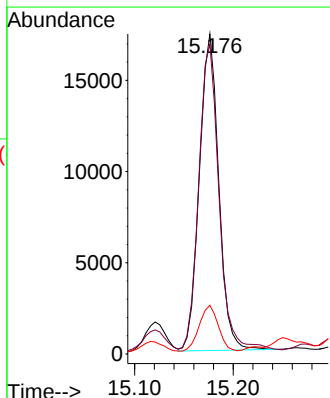
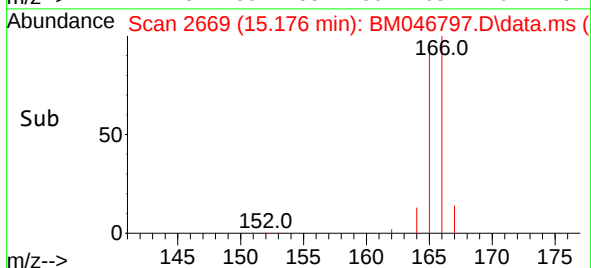
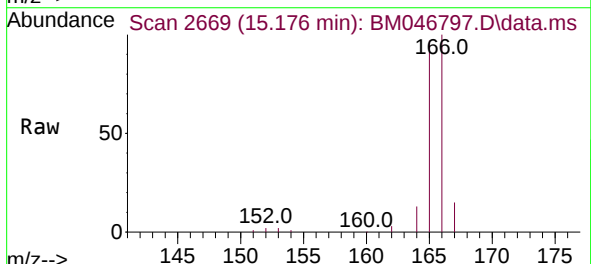
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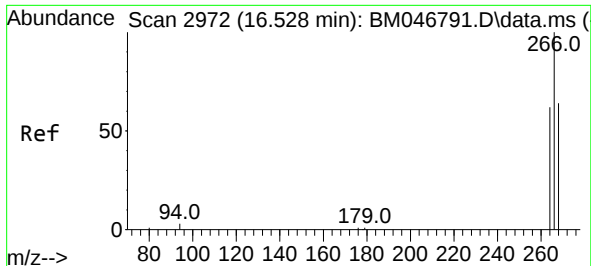
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#12
Fluorene
Concen: 1.276 ng/ul
RT: 15.176 min Scan# 2669
Delta R.T. -0.001 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

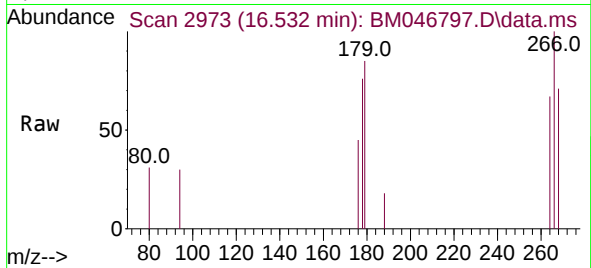
Tgt Ion:166 Resp: 23719
Ion Ratio Lower Upper
166 100
165 96.9 79.8 119.6
167 15.2 12.3 18.5





#14
Pentachlorophenol
Concen: 0.088 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.001 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

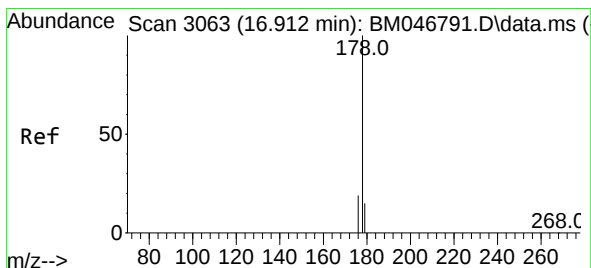
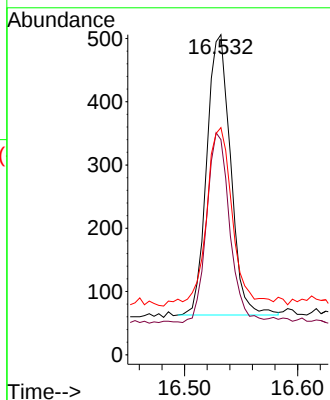
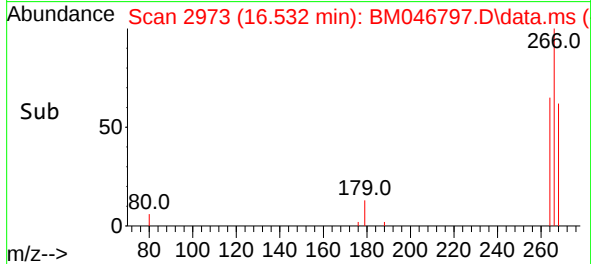
Instrument :
BNA_M
ClientSampleId :
A4CLO



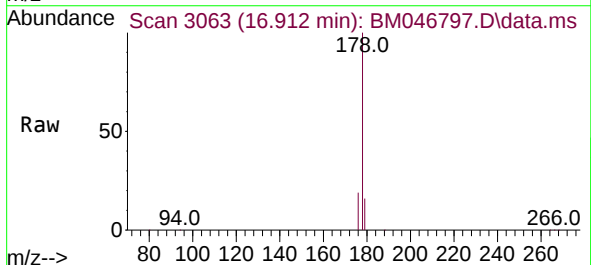
Tgt Ion:266 Resp: 640
Ion Ratio Lower Upper
266 100
264 67.2 51.1 76.7
268 70.3 51.8 77.6

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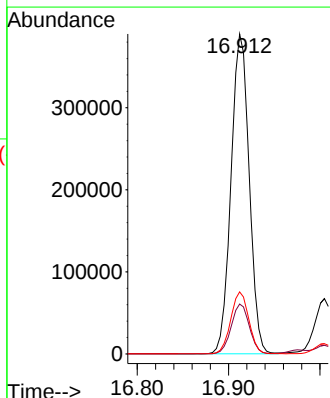
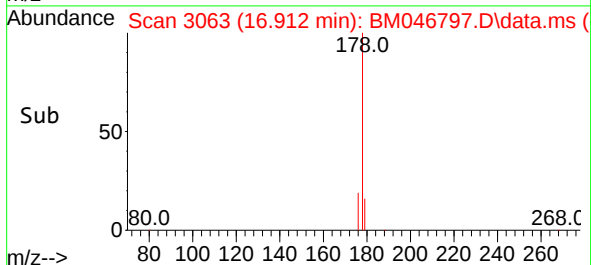
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

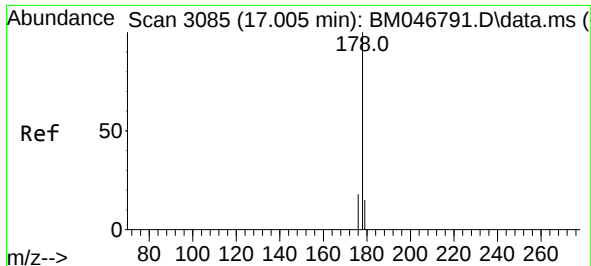


#15
Phenanthrene
Concen: 11.520 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29



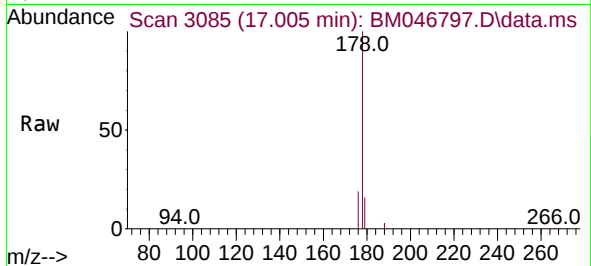
Tgt Ion:178 Resp: 538433
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.4 16.1 24.1





#16
 Anthracene
 Concen: 2.064 ng/ul
 RT: 17.005 min Scan# 3085
 Delta R.T. -0.001 min
 Lab File: BM046797.D
 Acq: 25 Jul 2024 13:29

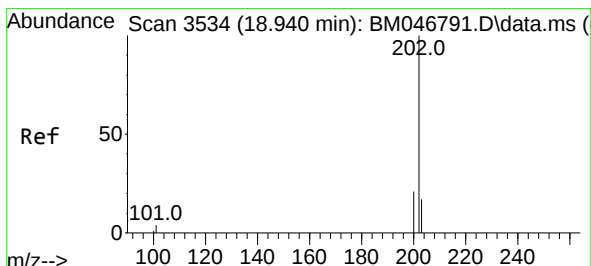
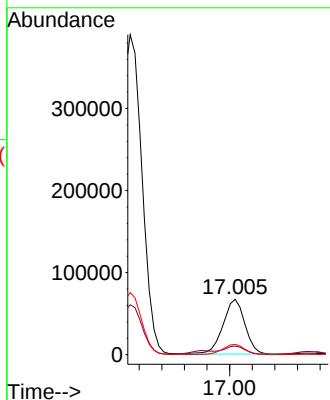
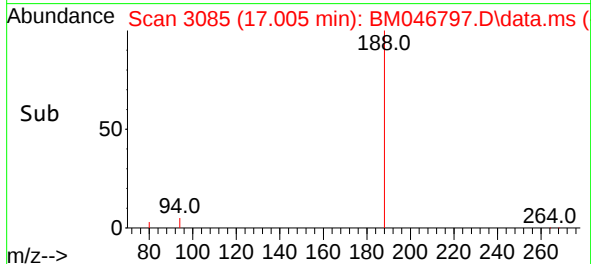
Instrument :
 BNA_M
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 A4CLO



Tgt Ion:178 Resp: 89789
 Ion Ratio Lower Upper
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 179 15.7 13.1 19.7
 176 18.6 15.0 22.6

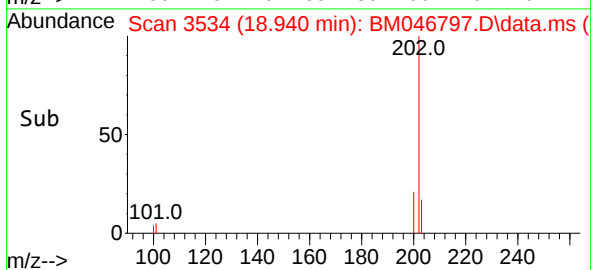
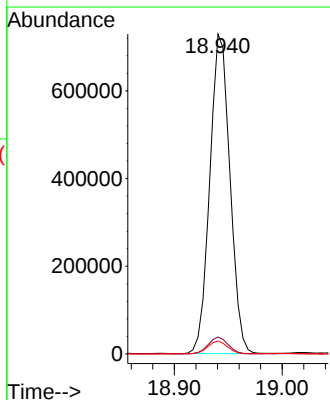
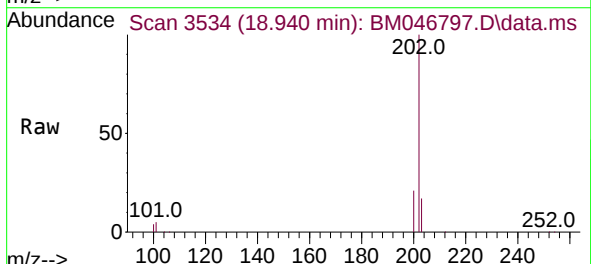
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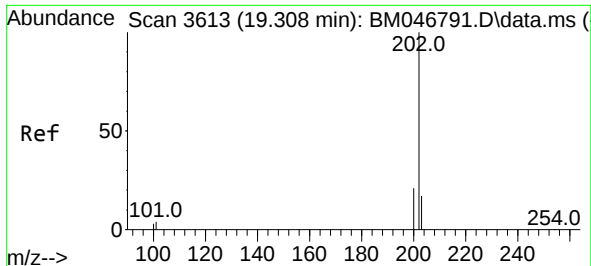
Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024



#19
 Fluoranthene
 Concen: 22.416 ng/ul
 RT: 18.940 min Scan# 3534
 Delta R.T. -0.001 min
 Lab File: BM046797.D
 Acq: 25 Jul 2024 13:29

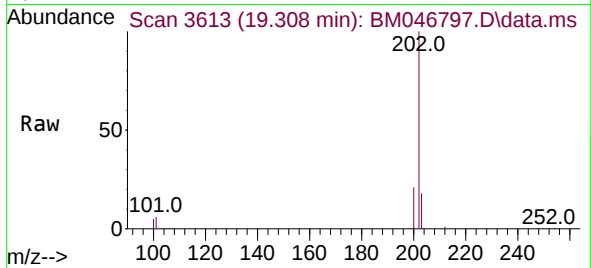
Tgt Ion:202 Resp: 947755
 Ion Ratio Lower Upper
 202 100
 101 5.3 4.7 7.1
 100 4.1 3.4 5.2





#20
Pyrene
Concen: 16.208 ng/u1
RT: 19.308 min Scan# 3613
Delta R.T. 0.003 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

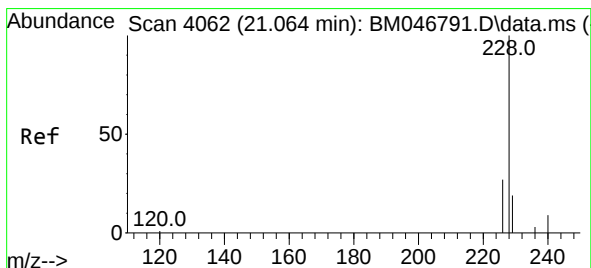
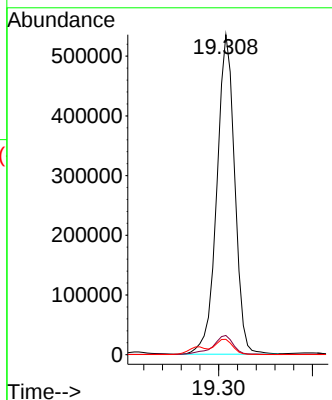
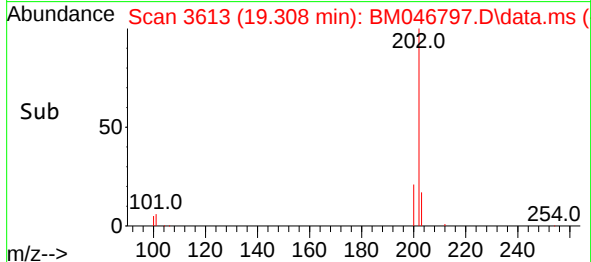
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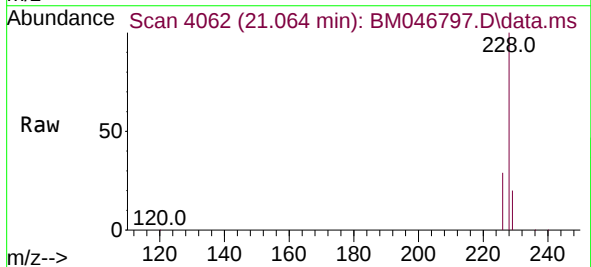
Tgt Ion:202 Resp: 70889
Ion Ratio Lower Upper
202 100
101 6.0 5.2 7.8
100 4.8 4.3 6.5

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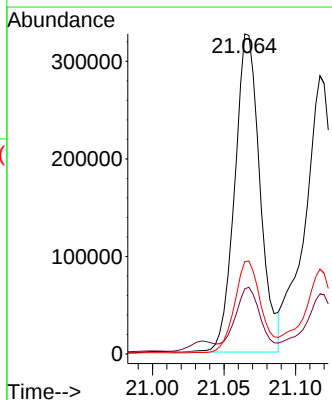
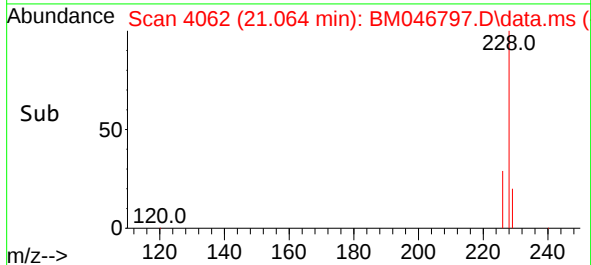
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

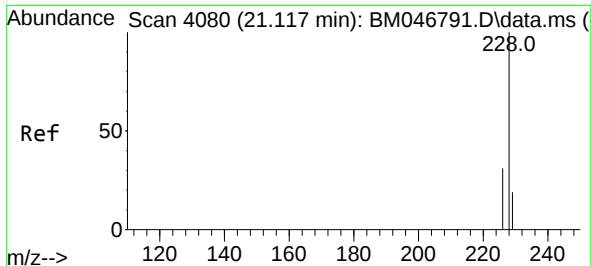


#21
Benzo(a)anthracene
Concen: 10.000 ng/u1
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29



Tgt Ion:228 Resp: 401185
Ion Ratio Lower Upper
228 100
229 20.3 16.3 24.5
226 28.8 22.3 33.5





#22

Chrysene

Concen: 9.715 ng/ul

RT: 21.117 min Scan# 4080

Delta R.T. 0.000 min

Lab File: BM046797.D

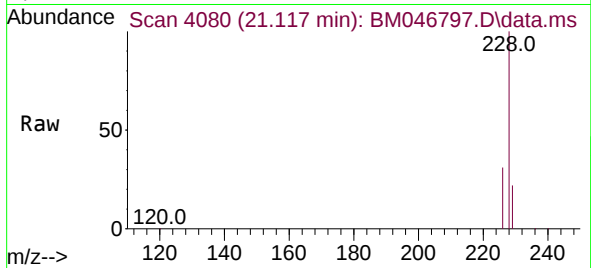
Acq: 25 Jul 2024 13:29

Instrument :

BNA_M

ClientSampleId :

A4CLO



Tgt Ion:228 Resp: 395902

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

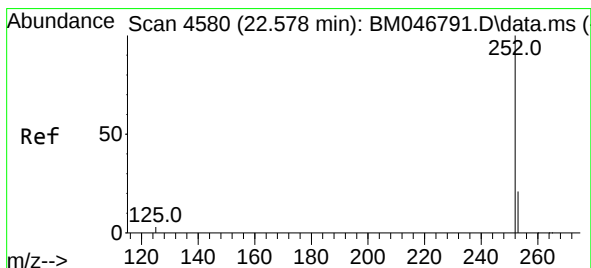
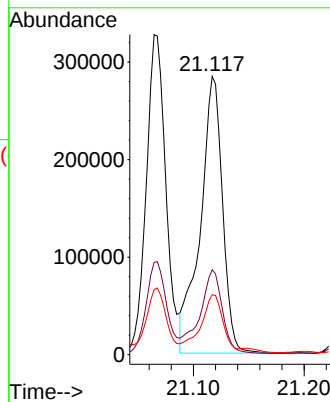
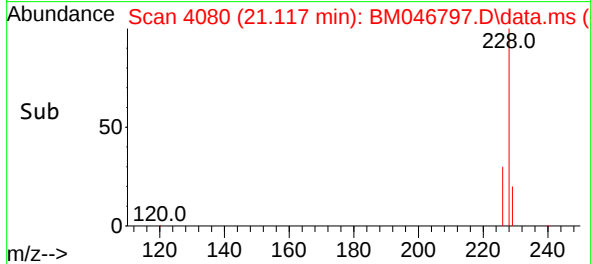
229 21.6 16.2 24.2

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 12.490 ng/ul m

RT: 22.581 min Scan# 4581

Delta R.T. 0.000 min

Lab File: BM046797.D

Acq: 25 Jul 2024 13:29

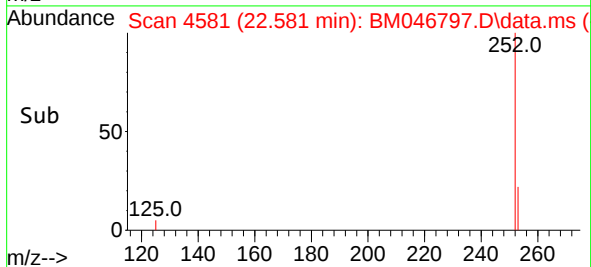
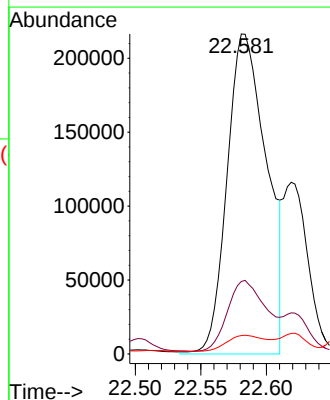
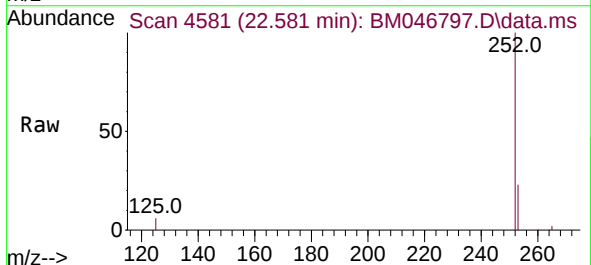
Tgt Ion:252 Resp: 453221

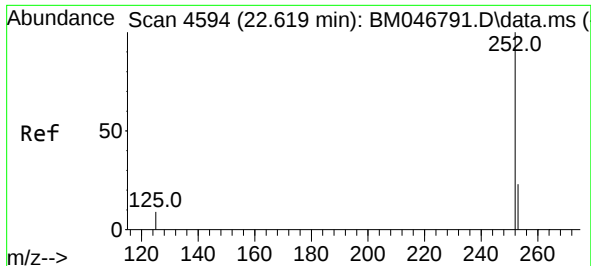
Ion Ratio Lower Upper

252 100

253 22.7 0.0 56.4

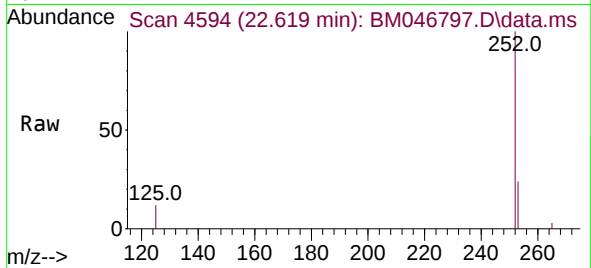
125 5.8 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 4.114 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. -0.002 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

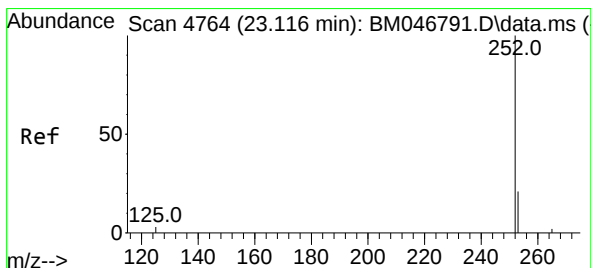
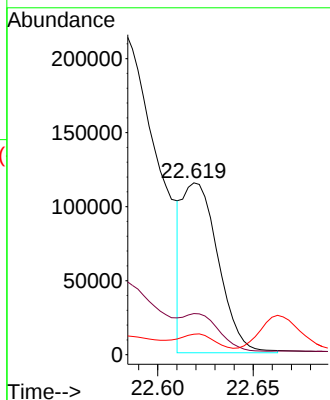
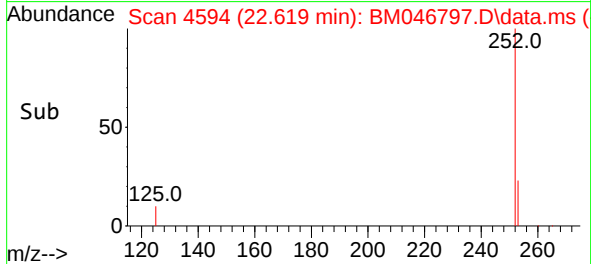
Instrument :
BNA_M
ClientSampleId :
A4CLO



Tgt Ion:252 Resp: 150445
Ion Ratio Lower Upper
252 100
253 23.9 23.5 35.3
125 11.9 8.6 13.0

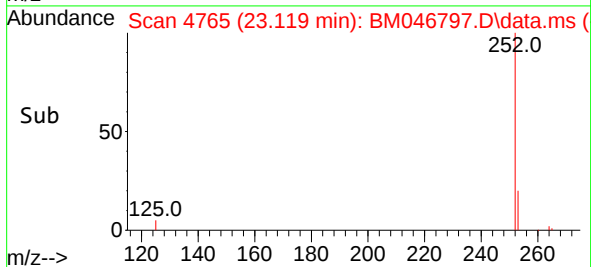
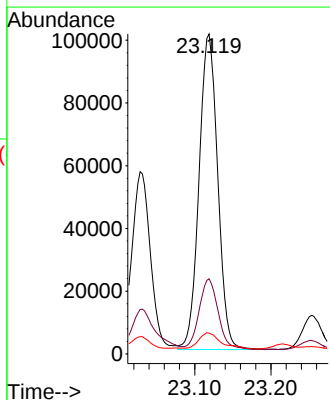
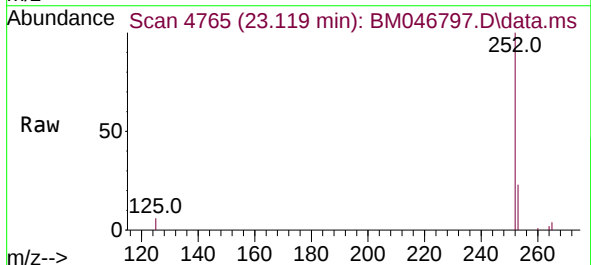
Manual Integrations
APPROVED

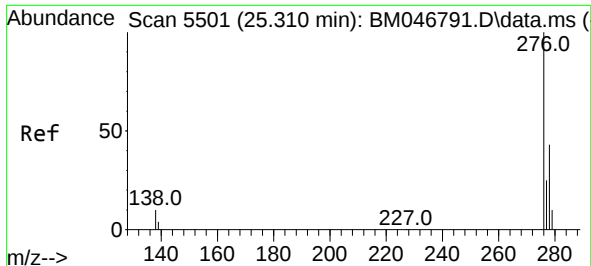
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#26
Benzo(a)pyrene
Concen: 6.561 ng/ul
RT: 23.119 min Scan# 4765
Delta R.T. 0.000 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

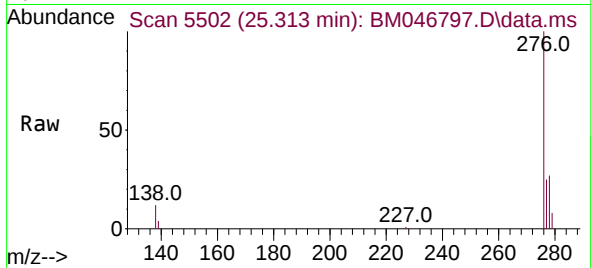
Tgt Ion:252 Resp: 170905
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 6.5 7.8 11.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.898 ng/ul
RT: 25.313 min Scan# 5501
Delta R.T. -0.003 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

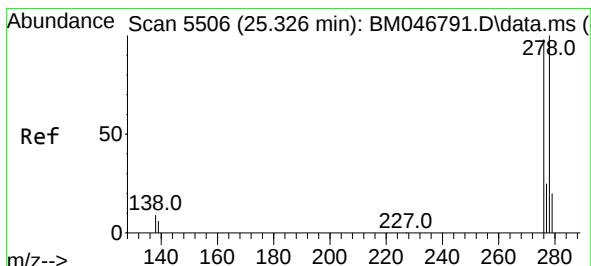
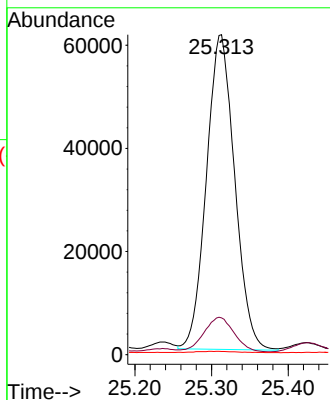
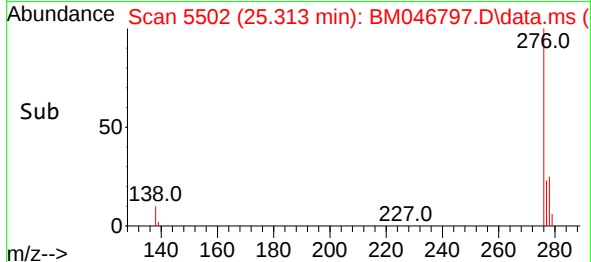
Instrument :
BNA_M
ClientSampleId :
A4CLO



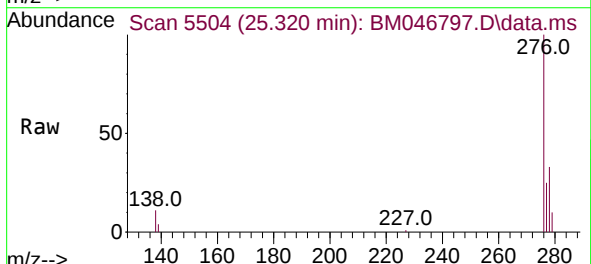
Tgt Ion:276 Resp: 15629
Ion Ratio Lower Upper
276 100
138 11.6 9.7 14.5
227 0.6 0.2 0.2

Manual Integrations
APPROVED

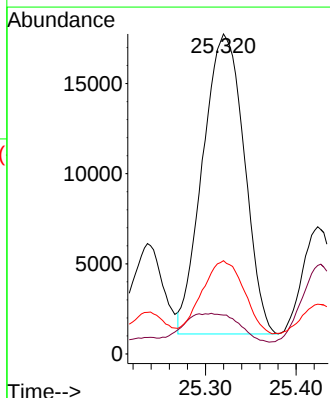
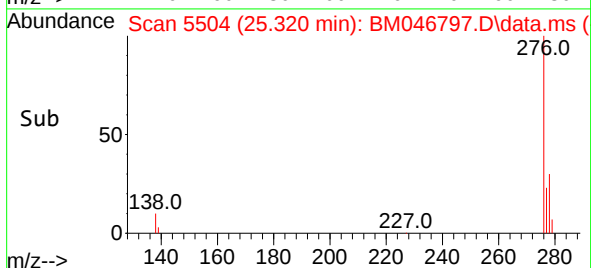
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

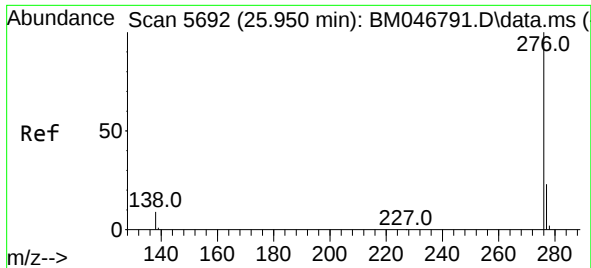


#28
Dibenzo(a,h)anthracene
Concen: 1.804 ng/ul
RT: 25.320 min Scan# 5504
Delta R.T. -0.013 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29



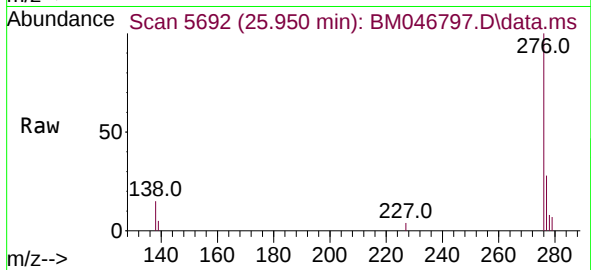
Tgt Ion:278 Resp: 52934
Ion Ratio Lower Upper
278 100
139 12.1 9.8 14.8
279 29.2 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.913 ng/ul
RT: 25.950 min Scan# 50
Delta R.T. -0.003 min
Lab File: BM046797.D
Acq: 25 Jul 2024 13:29

Instrument :
BNA_M
ClientSampleId :
A4CLO



Tgt Ion:276 Resp: 3222
Ion Ratio Lower Upper
276 100
138 15.5 9.5 14.3
277 27.8 20.9 31.3

Manual Integrations
APPROVED

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

