

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046401.D
 Acq On : 06 Jul 2024 03:36
 Operator : MA/JU
 Sample : P3010-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B98

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 04:06:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	10329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	30101	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	17888	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	35990	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	15715	0.400	ng/ul	# 0.00
23) Perylene-d12	23.297	264	19130	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	27591	2.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	9394	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	16809	0.305	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.348	128	29844	0.373	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	12301	0.228	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	11690	0.210	ng/ul	98
10) Acenaphthylene	13.896	152	144997	1.597	ng/ul	99
11) Acenaphthene	14.243	153	46486	0.785	ng/ul	99
12) Fluorene	15.238	166	75689	1.083	ng/ul	99
14) Pentachlorophenol	16.584	266	336	0.032	ng/ul	97
15) Phenanthrene	16.972	178	1372356	12.733	ng/ul	99
16) Anthracene	17.065	178	352793	3.375	ng/ul	100
19) Fluoranthene	19.002	202	2542727	32.010	ng/ul	99
20) Pyrene	19.365	202	2043617	25.004	ng/ul	96
21) Benzo(a)anthracene	21.122	228	1089533	15.517	ng/ul	97
22) Chrysene	21.175	228	984984	14.109	ng/ul	98
24) Benzo(b)fluoranthene	22.659	252	1144763m	14.076	ng/ul	
25) Benzo(k)fluoranthene	22.700	252	392840m	4.785	ng/ul	
26) Benzo(a)pyrene	23.203	252	477265	7.424	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.437	276	390162	4.493	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.454	278	130085	1.936	ng/ul	97
29) Benzo(g,h,i)perylene	26.084	276	59848	0.864	ng/ul	97

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

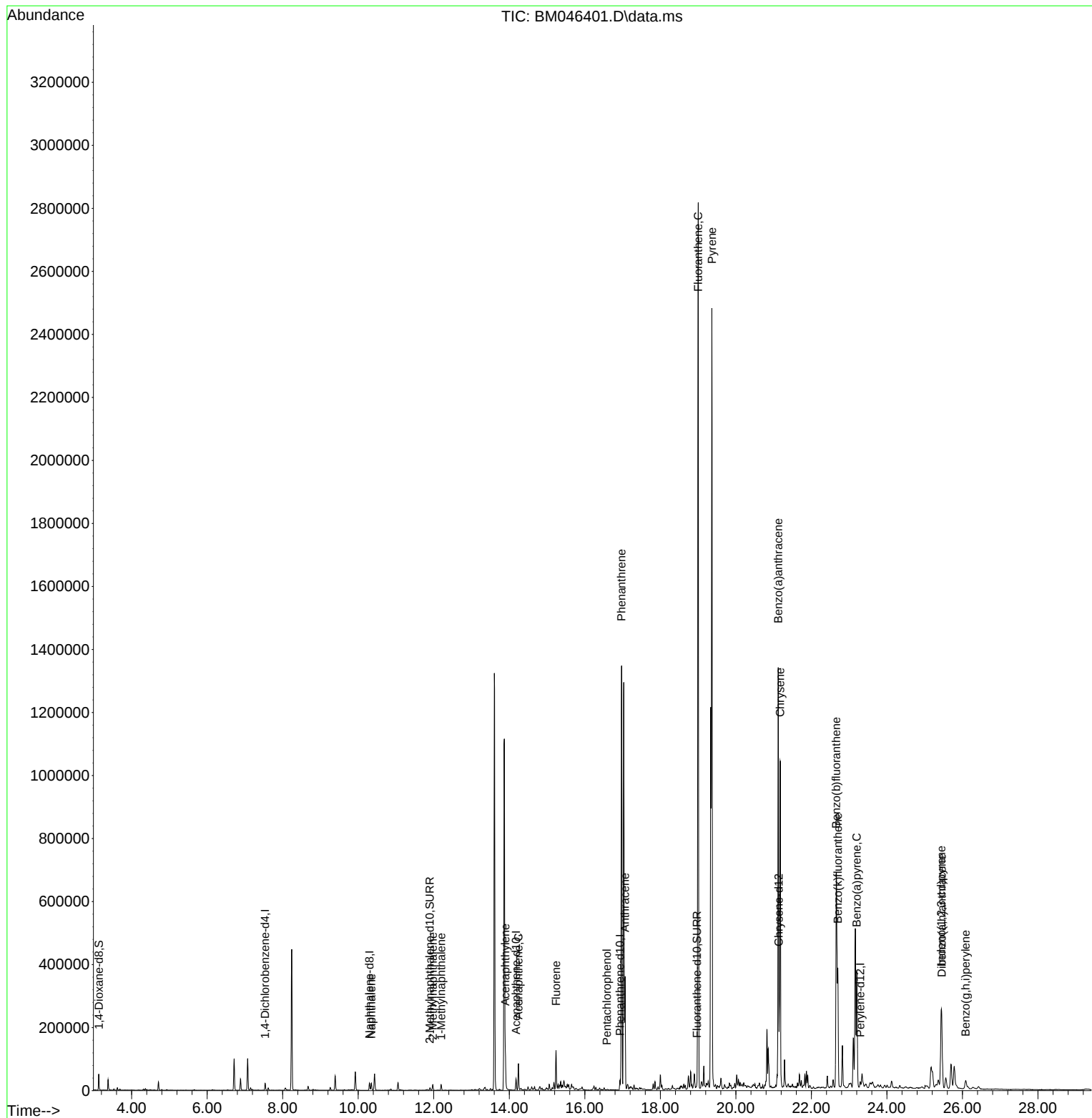
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046401.D
Acq On : 06 Jul 2024 03:36
Operator : MA/JU
Sample : P3010-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

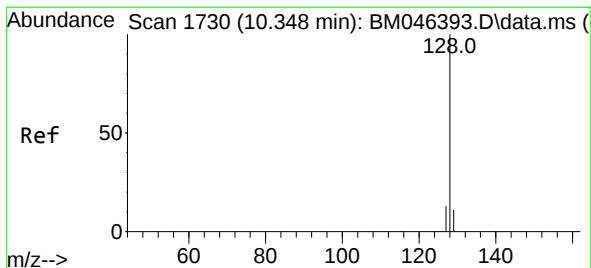
Instrument :
BNA_M
ClientSampleId :
A4B98

Quant Time: Jul 06 04:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

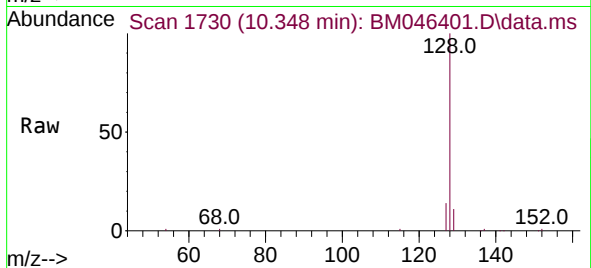
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#5
Naphthalene
Concen: 0.373 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

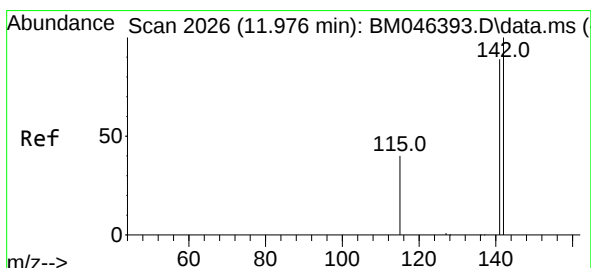
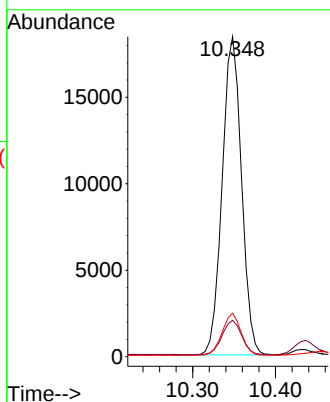
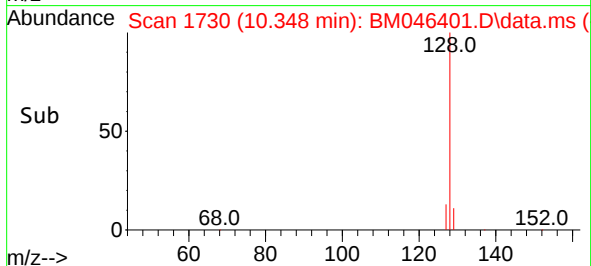
Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:128 Resp: 2984
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.6 10.8 16.2

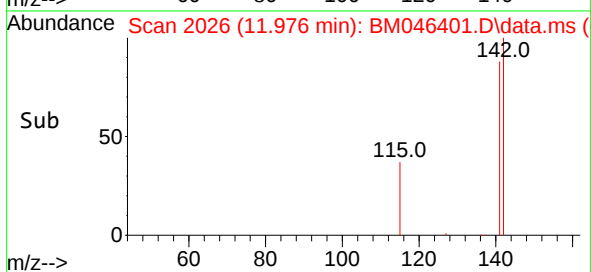
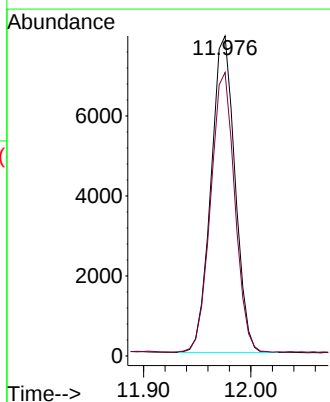
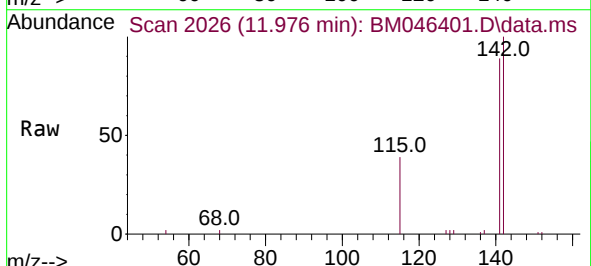
Manual Integrations
APPROVED

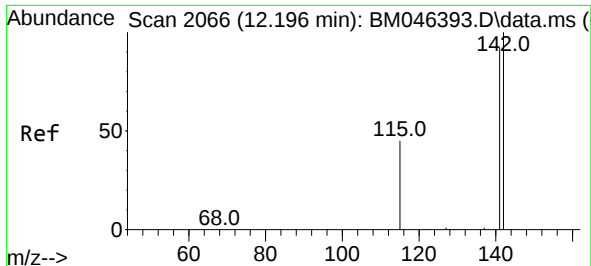
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

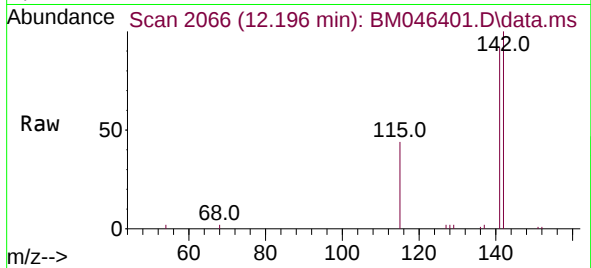
Tgt Ion:142 Resp: 12301
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.210 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

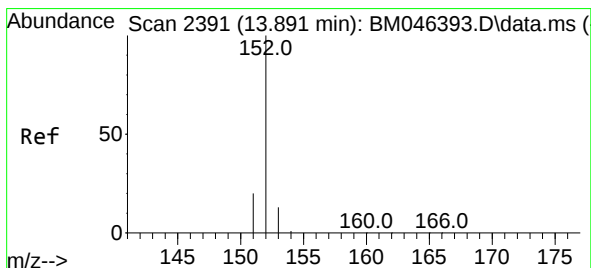
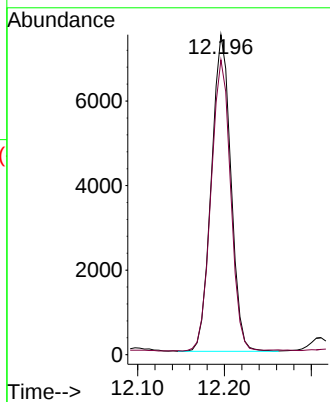
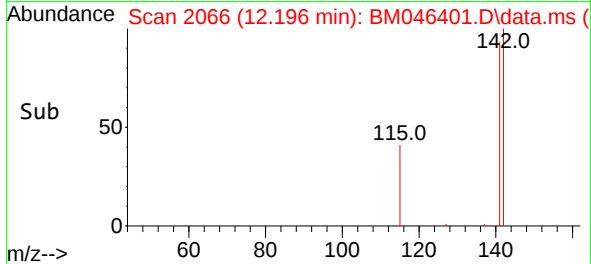
Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:142 Resp: 11690
Ion Ratio Lower Upper
142 100
141 92.1 72.4 108.6

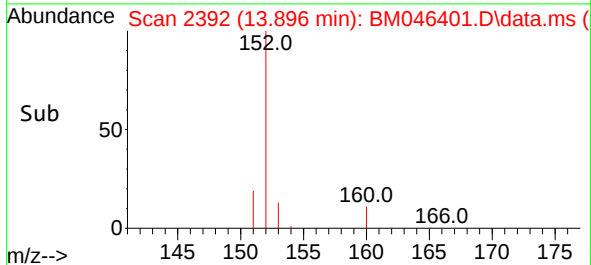
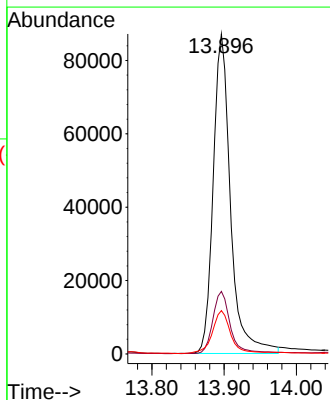
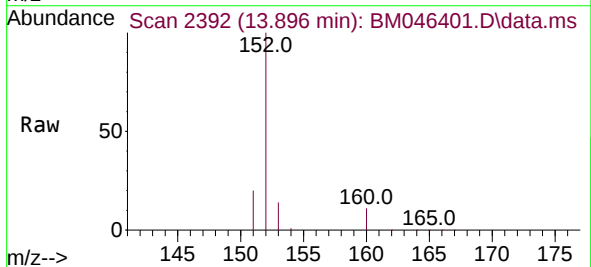
Manual Integrations
APPROVED

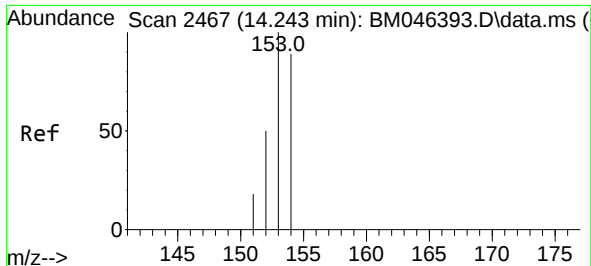
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 1.597 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

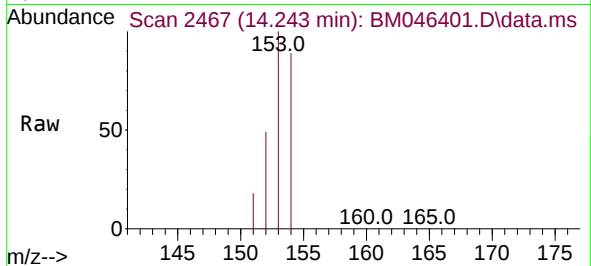
Tgt Ion:152 Resp: 144997
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.6 11.0 16.6





#11
Acenaphthene
Concen: 0.785 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

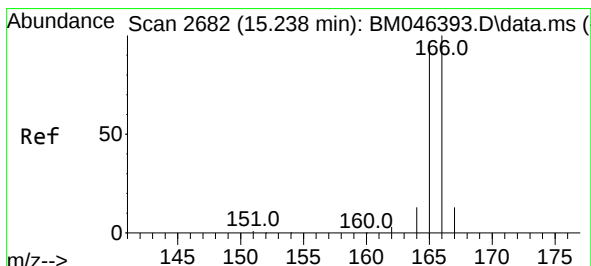
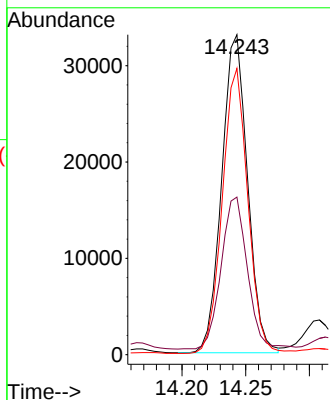
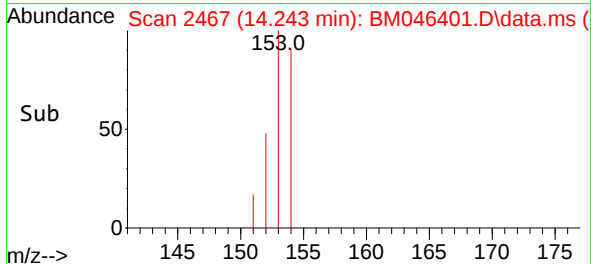
Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:153 Resp: 46480
Ion Ratio Lower Upper
153 100
152 49.3 40.4 60.6
154 89.5 72.1 108.1

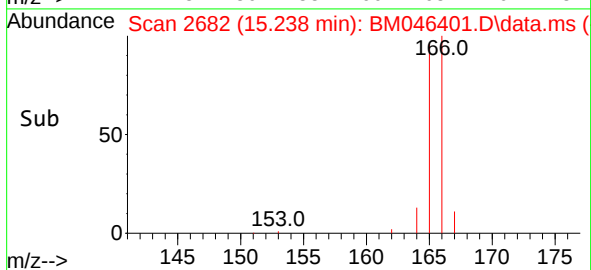
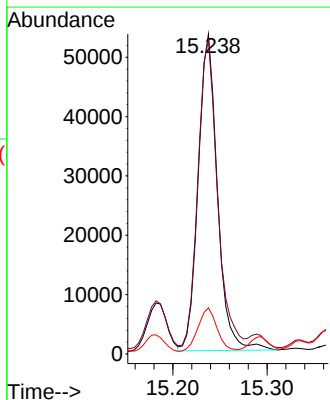
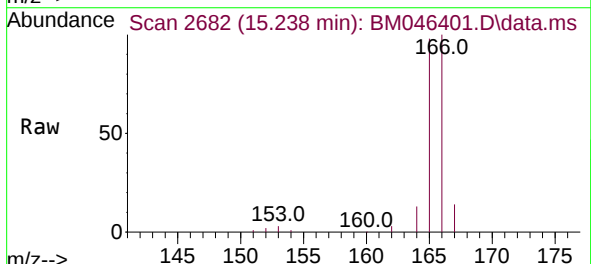
Manual Integrations
APPROVED

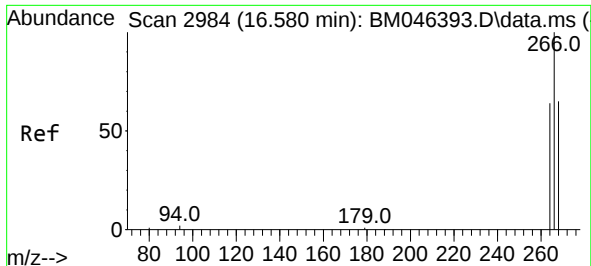
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 1.083 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

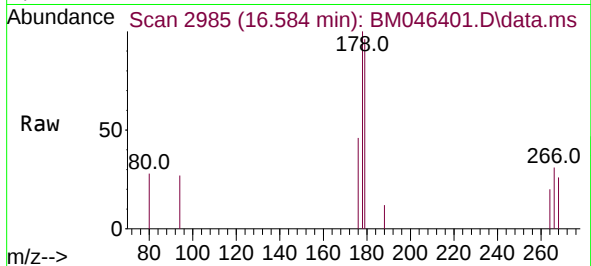
Tgt Ion:166 Resp: 75689
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 14.4 11.4 17.0





#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.584 min Scan# 2984
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

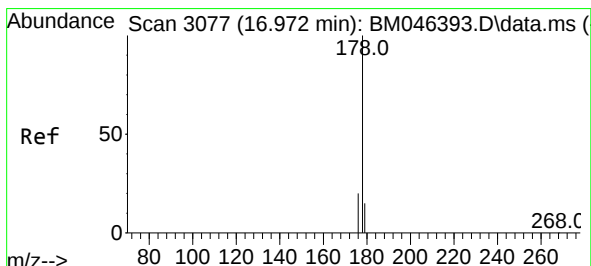
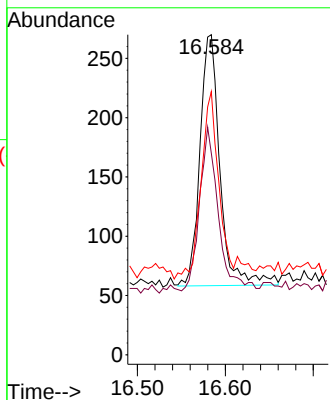
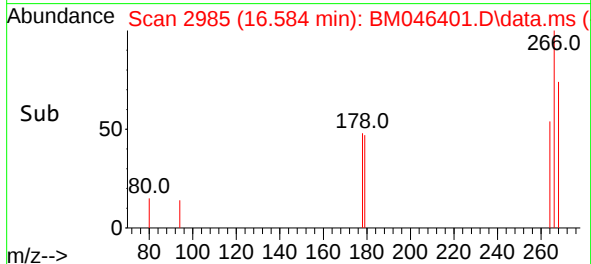
Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:266 Resp: 330
Ion Ratio Lower Upper
266 100
264 61.3 51.0 76.6
268 65.5 50.8 76.2

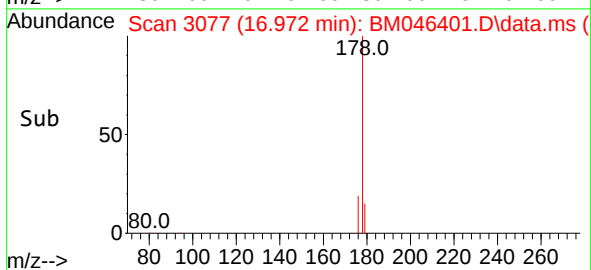
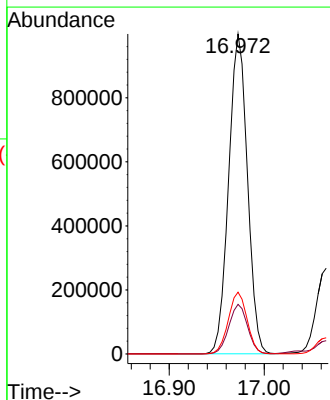
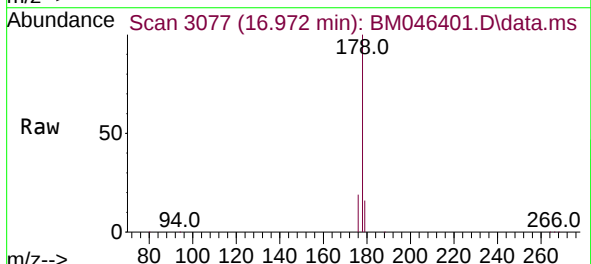
Manual Integrations
APPROVED

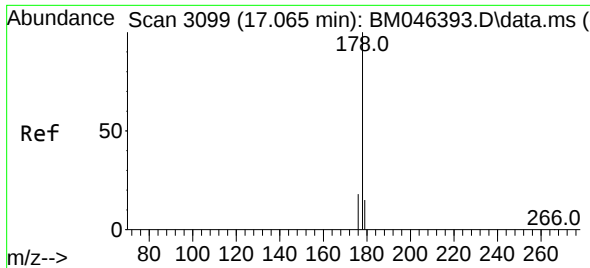
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 12.733 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

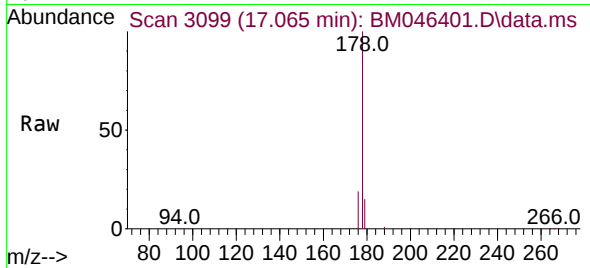
Tgt Ion:178 Resp: 1372356
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 16.0 24.0





#16
 Anthracene
 Concen: 3.375 ng/ul
 RT: 17.065 min Scan# 3099
 Delta R.T. -0.003 min
 Lab File: BM046401.D
 Acq: 06 Jul 2024 03:36

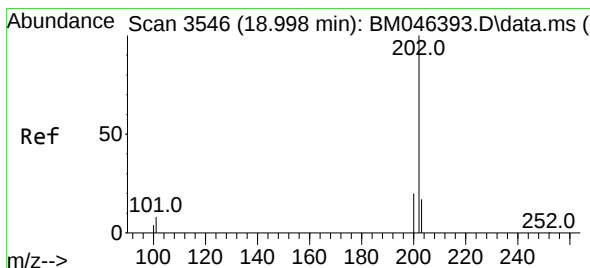
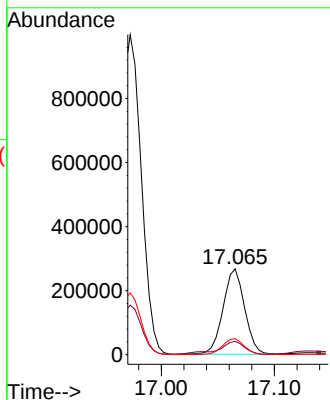
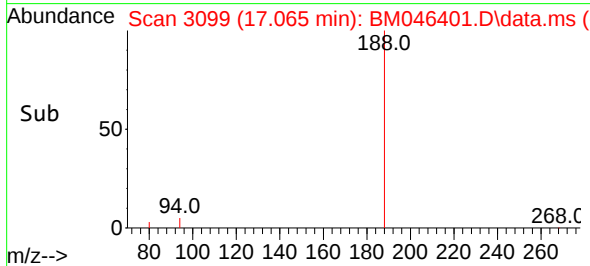
Instrument :
 BNA_M
 ClientSampleId :
 A4B98



Tgt Ion:178 Resp: 352793
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 18.8
 176 18.8 14.9 22.3

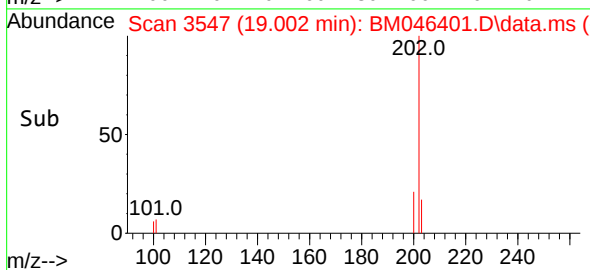
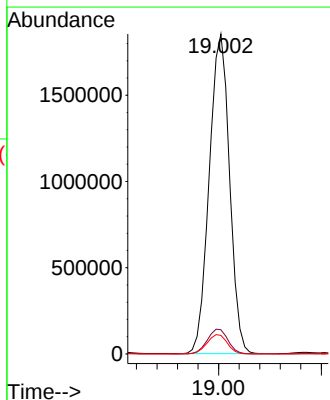
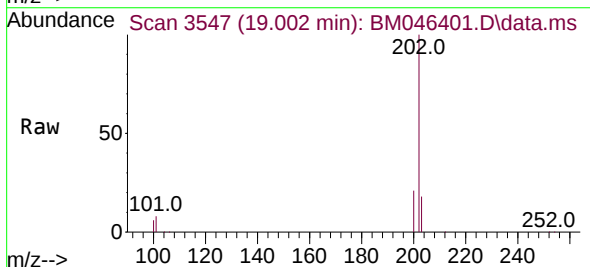
Manual Integrations
 APPROVED

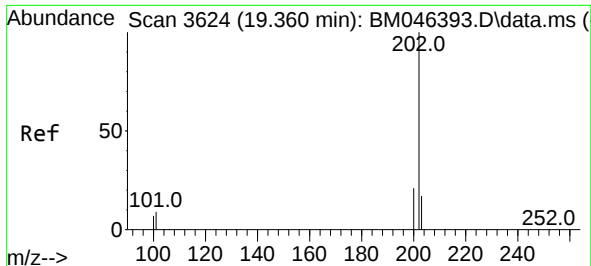
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 32.010 ng/ul
 RT: 19.002 min Scan# 3547
 Delta R.T. -0.003 min
 Lab File: BM046401.D
 Acq: 06 Jul 2024 03:36

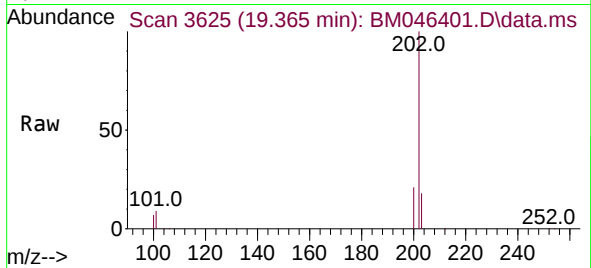
Tgt Ion:202 Resp: 2542727
 Ion Ratio Lower Upper
 202 100
 101 7.6 6.3 9.5
 100 5.8 5.0 7.6





#20
Pyrene
Concen: 25.004 ng/u1
RT: 19.365 min Scan# 30
Delta R.T. 0.002 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

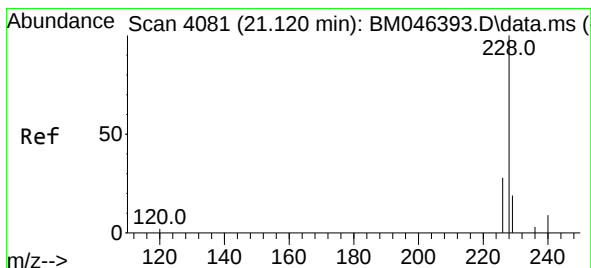
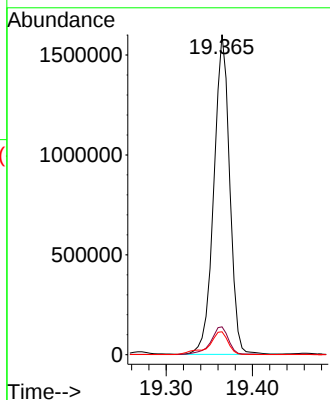
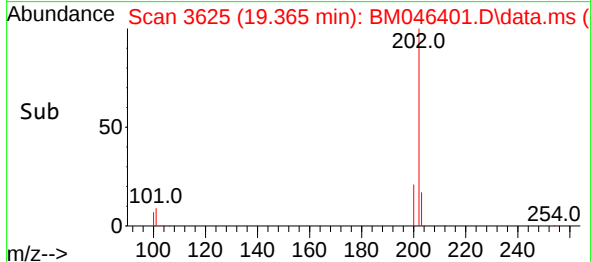
Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:202 Resp: 204361
Ion Ratio Lower Upper
202 100
101 8.7 8.2 12.4
100 7.1 6.9 10.3

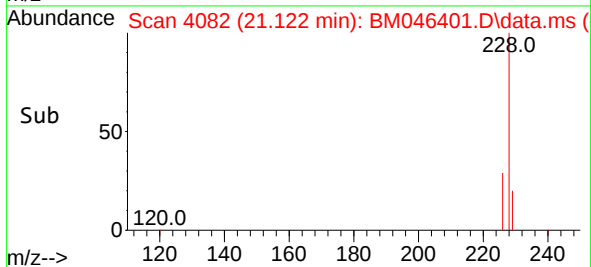
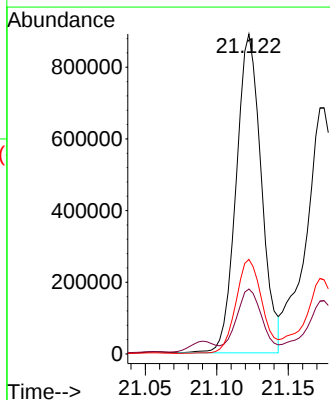
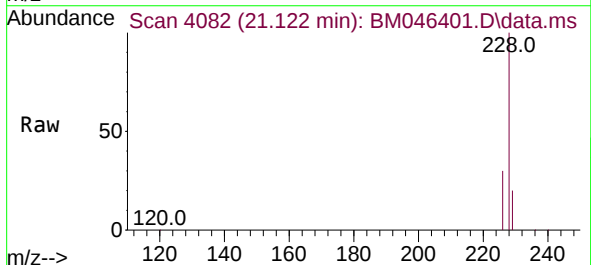
Manual Integrations
APPROVED

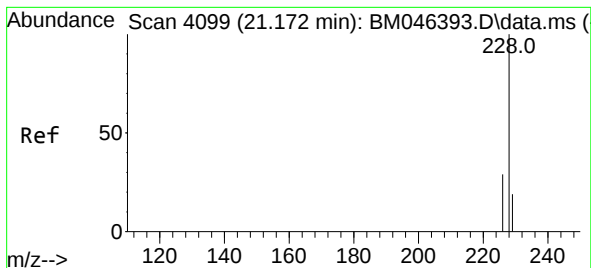
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 15.517 ng/u1
RT: 21.122 min Scan# 4082
Delta R.T. -0.003 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

Tgt Ion:228 Resp: 1089533
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.5 22.0 33.0





#22

Chrysene

Concen: 14.109 ng/ul

RT: 21.175 min Scan# 4100

Delta R.T. -0.003 min

Lab File: BM046401.D

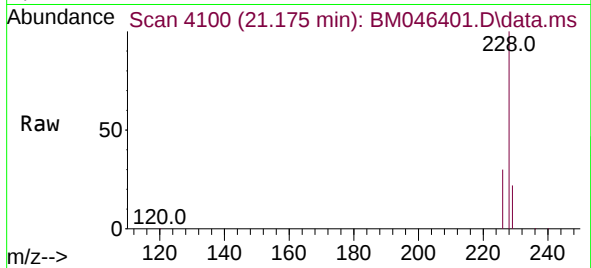
Acq: 06 Jul 2024 03:36

Instrument :

BNA_M

ClientSampleId :

A4B98



Tgt Ion:228 Resp: 984984

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

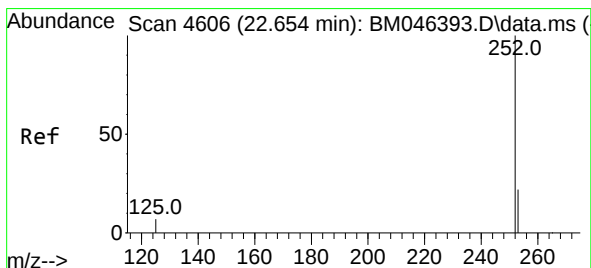
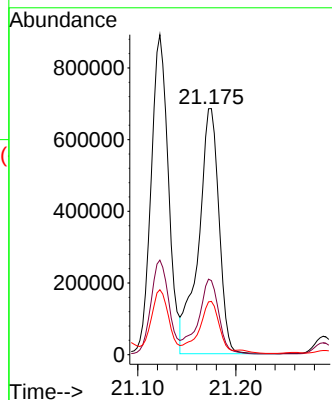
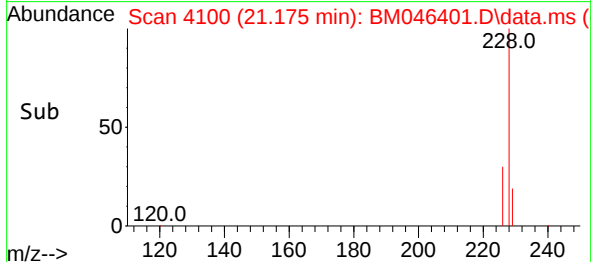
229 21.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 14.076 ng/ul m

RT: 22.659 min Scan# 4608

Delta R.T. -0.003 min

Lab File: BM046401.D

Acq: 06 Jul 2024 03:36

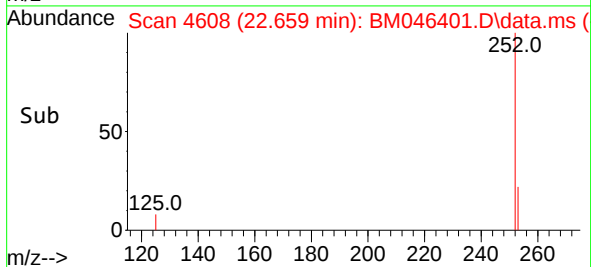
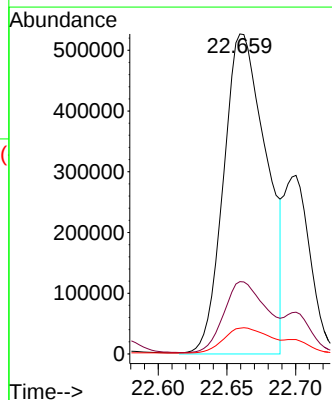
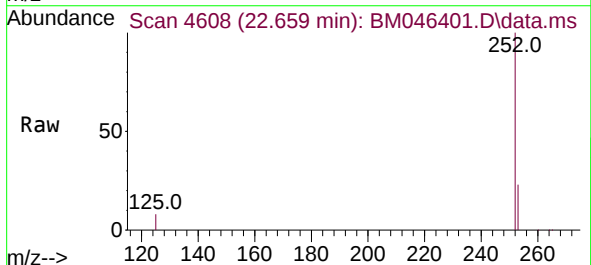
Tgt Ion:252 Resp: 1144763

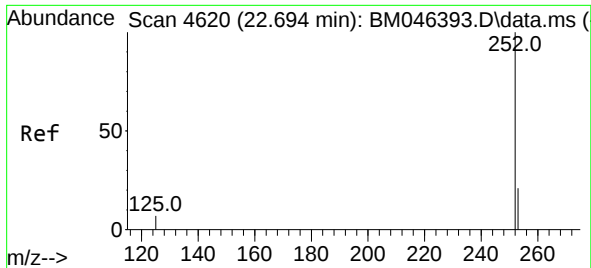
Ion Ratio Lower Upper

252 100

253 22.6 0.0 47.0

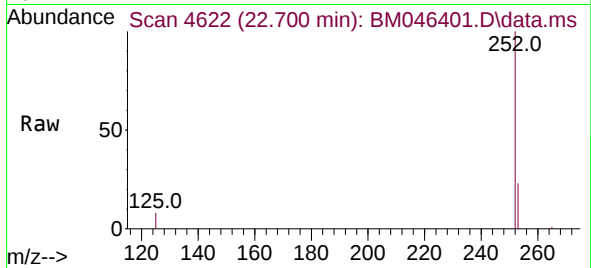
125 8.1 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 4.785 ng/ul m
RT: 22.700 min Scan# 4622
Delta R.T. -0.006 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

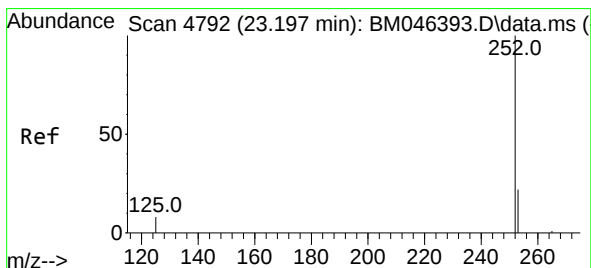
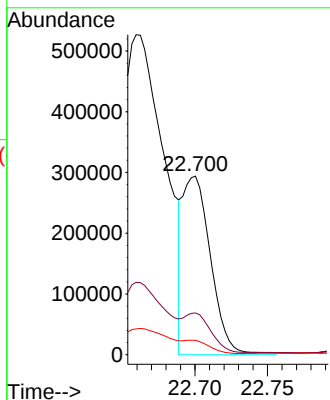
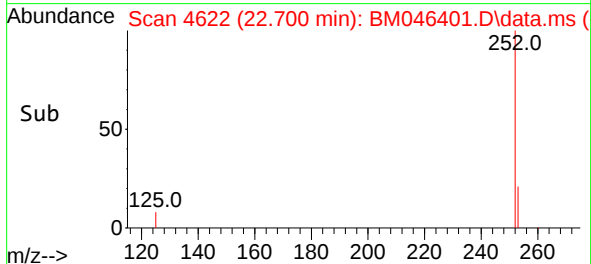
Instrument :
BNA_M
ClientSampleId :
A4B98



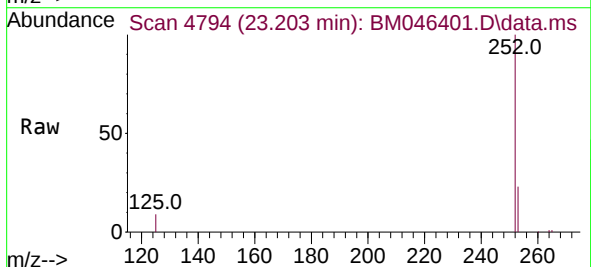
Tgt Ion:252 Resp: 392840
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 8.1 7.5 11.3

Manual Integrations
APPROVED

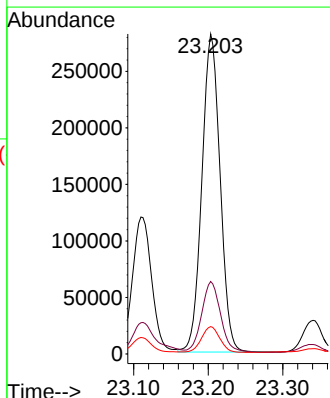
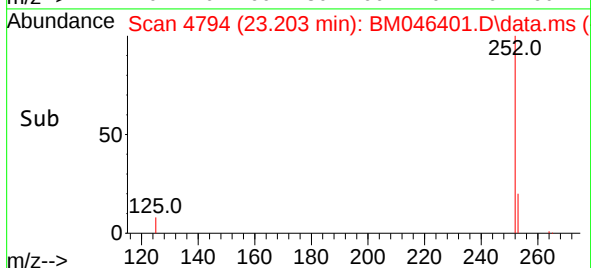
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

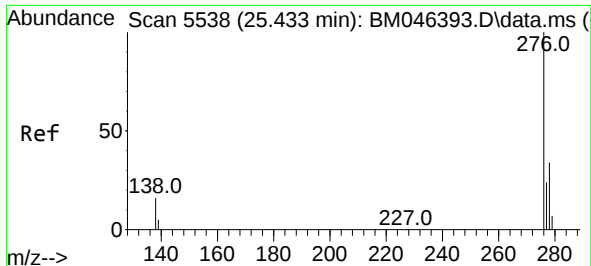


#26
Benzo(a)pyrene
Concen: 7.424 ng/ul
RT: 23.203 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36



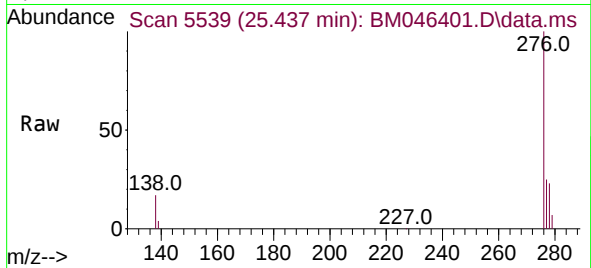
Tgt Ion:252 Resp: 477265
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 8.5 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.493 ng/ul
RT: 25.437 min Scan# 5538
Delta R.T. -0.010 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

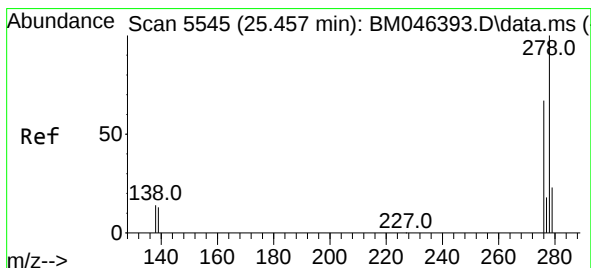
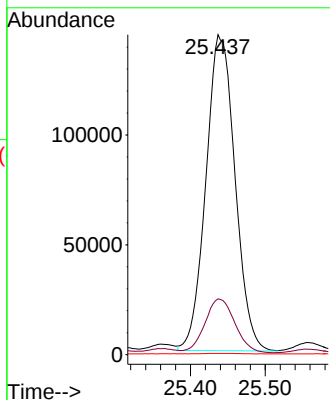
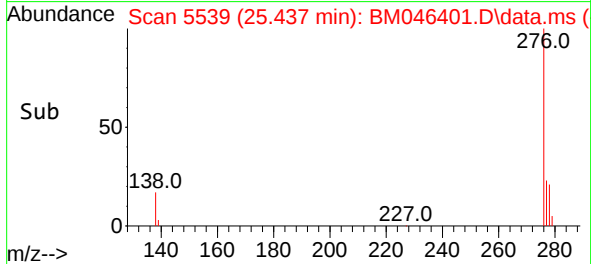
Instrument :
BNA_M
ClientSampleId :
A4B98



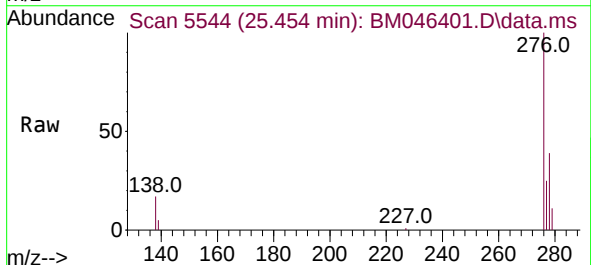
Tgt Ion:276 Resp: 390162
Ion Ratio Lower Upper
276 100
138 17.5 15.7 23.5
227 0.2 0.1 0.1

Manual Integrations
APPROVED

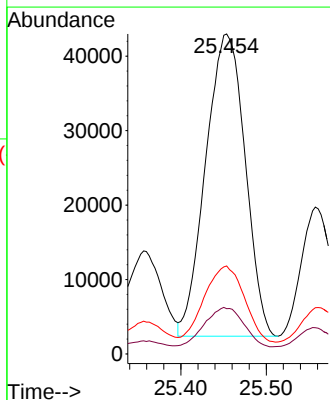
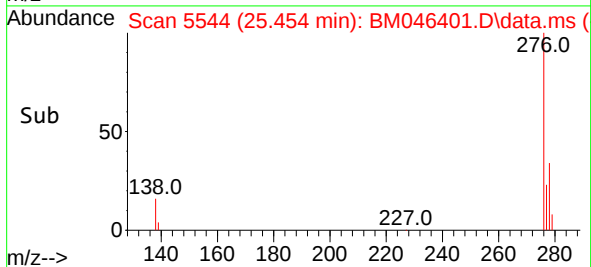
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

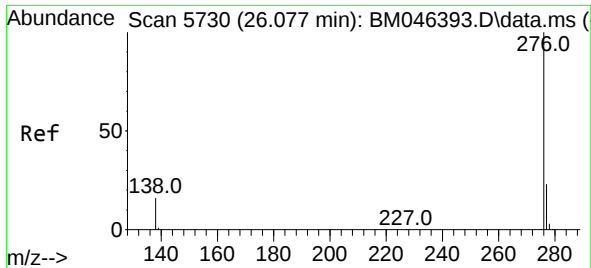


#28
Dibenzo(a,h)anthracene
Concen: 1.936 ng/ul
RT: 25.454 min Scan# 5544
Delta R.T. -0.020 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36



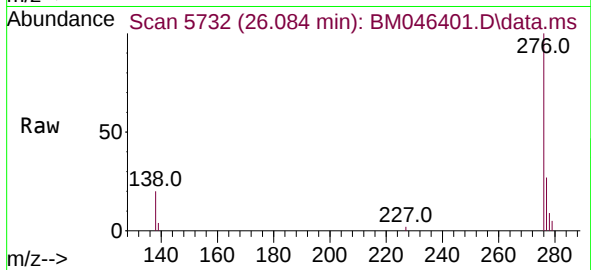
Tgt Ion:278 Resp: 130085
Ion Ratio Lower Upper
278 100
139 14.2 12.6 18.8
279 27.5 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 0.864 ng/ul
RT: 26.084 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM046401.D
Acq: 06 Jul 2024 03:36

Instrument :
BNA_M
ClientSampleId :
A4B98



Tgt Ion:276 Resp: 5984
Ion Ratio Lower Upper
276 100
138 19.8 15.4 23.0
277 26.9 19.7 29.5

Manual Integrations
APPROVED

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

