

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045634.D
 Acq On : 30 Apr 2024 02:33
 Operator : MA/JU
 Sample : P2119-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 04:21:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 01:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	964	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136	2652	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1302	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.954	188	2381m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.181	240	1953	0.400	ng/ul	-0.01
23) Perylene-d12	23.362	264	2313m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	3759	2.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	846	0.242	ng/ul	-0.02
18) Fluoranthene-d10	18.996	212	1790	0.291	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.352	128	421	0.059	ng/ul#	76
7) 2-Methylnaphthalene	11.991	142	234	0.058	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	185	0.041	ng/ul	90
15) Phenanthrene	16.992	178	912	0.132	ng/ul	93
19) Fluoranthene	19.029	202	2543	0.282	ng/ul	96
20) Pyrene	19.391	202	2439m	0.263	ng/ul	
21) Benzo(a)anthracene	21.173	228	1303	0.209	ng/ul	97
22) Chrysene	21.216	228	1931	0.201	ng/ul	95
24) Benzo(b)fluoranthene	22.710	252	2300m	0.296	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	751m	0.076	ng/ul	
26) Benzo(a)pyrene	23.259	252	1300	0.161	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.571	276	1110	0.095	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.575	278	283	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.232	276	999	0.095	ng/ul#	65

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

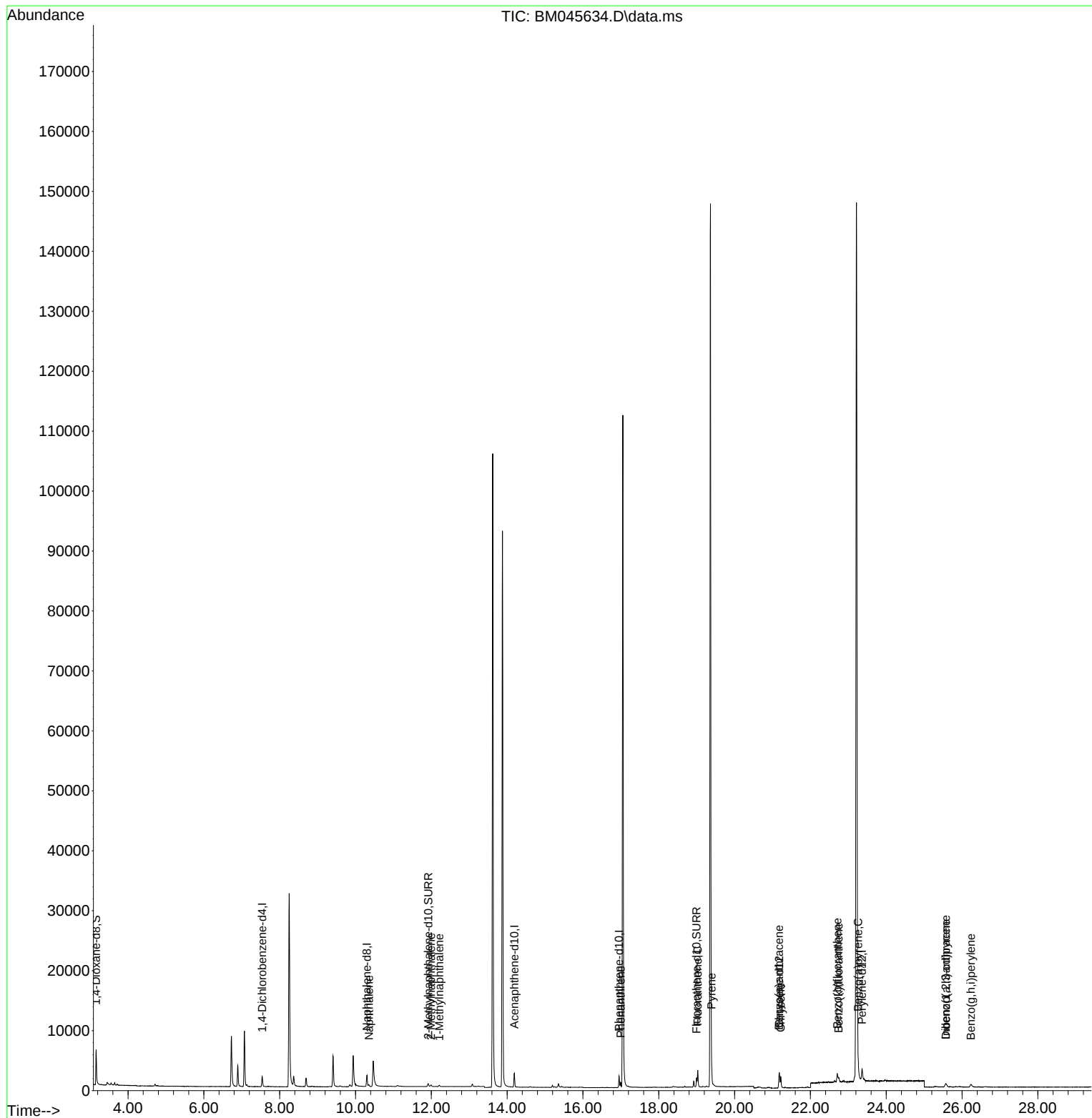
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

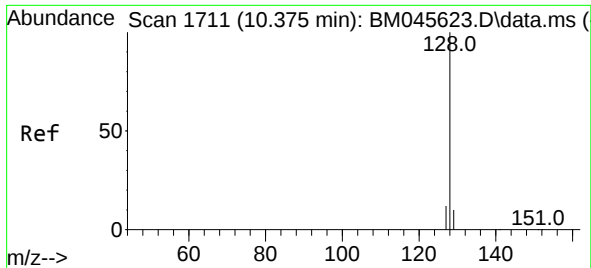
Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

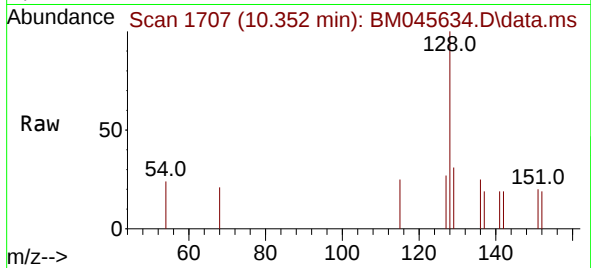
Quant Time: Apr 30 04:21:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 01:16:44 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/uI
RT: 10.352 min Scan# 1707
Delta R.T. -0.022 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

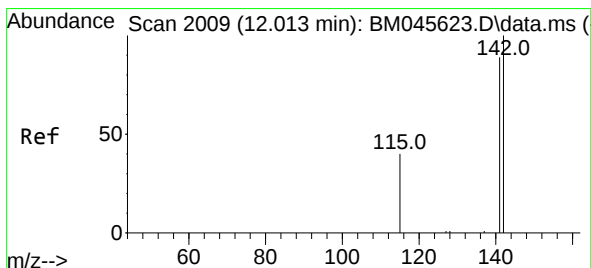
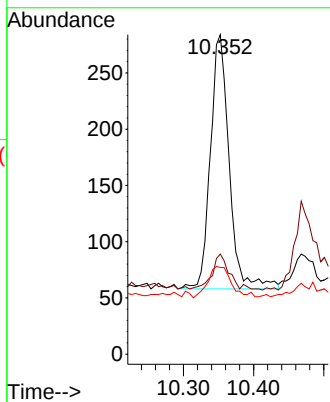
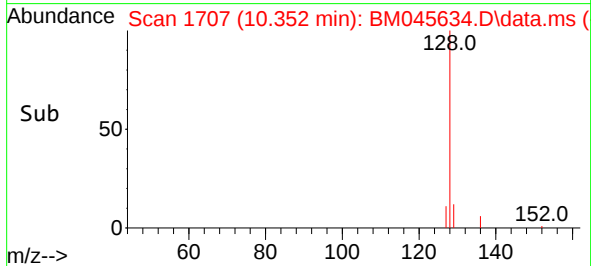
Instrument :
BNA_M
ClientSampleId :
C0AF2



Tgt Ion:128 Resp: 421
Ion Ratio Lower Upper
128 100
129 31.3 14.0 21.0
127 27.1 15.4 23.2

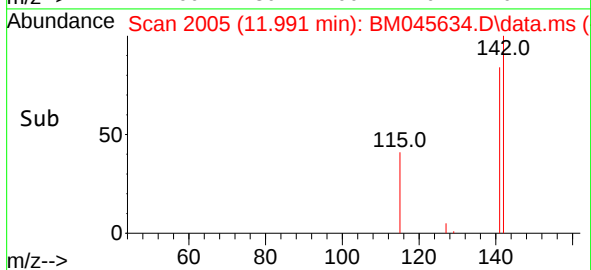
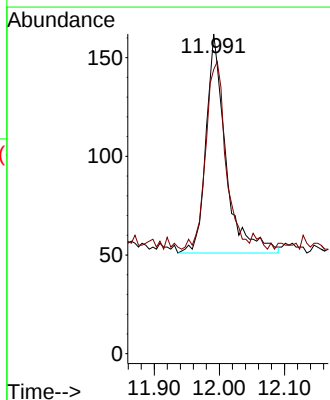
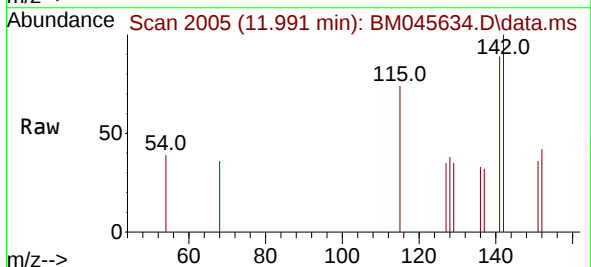
Manual Integrations
APPROVED

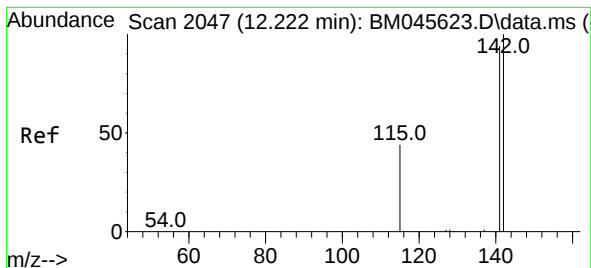
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#7
2-Methylnaphthalene
Concen: 0.058 ng/uI
RT: 11.991 min Scan# 2005
Delta R.T. -0.022 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
141 86.3 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.041 ng/ul

RT: 12.211 min Scan# 2045

Delta R.T. -0.011 min

Lab File: BM045634.D

Acq: 30 Apr 2024 02:33

Instrument :

BNA_M

ClientSampleId :

C0AF2

Tgt Ion:142 Resp: 185

Ion Ratio Lower Upper

142 100

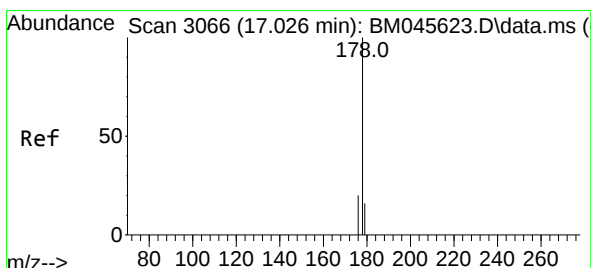
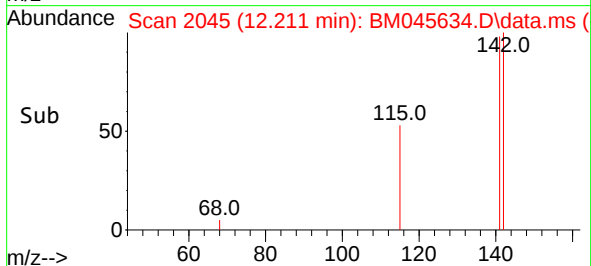
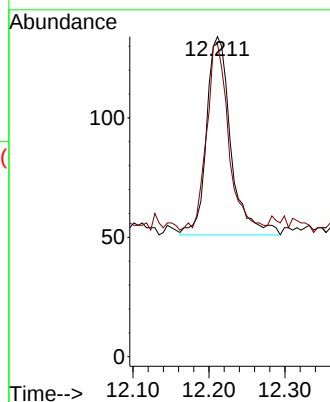
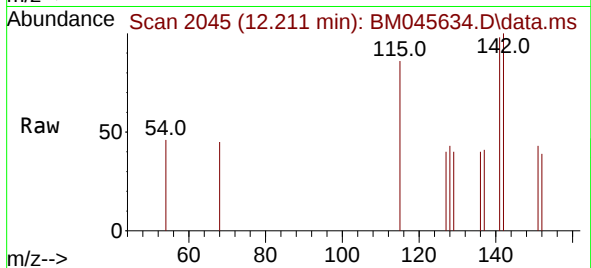
141 85.4 76.1 114.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024



#15

Phenanthrene

Concen: 0.132 ng/ul

RT: 16.992 min Scan# 3058

Delta R.T. -0.034 min

Lab File: BM045634.D

Acq: 30 Apr 2024 02:33

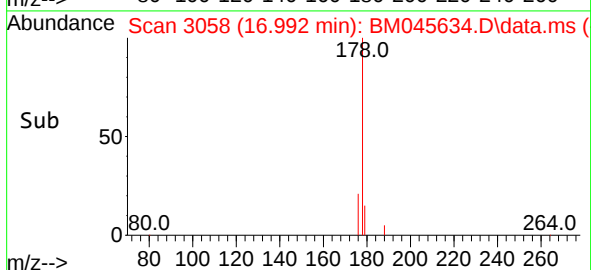
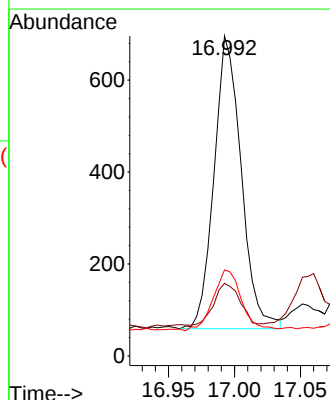
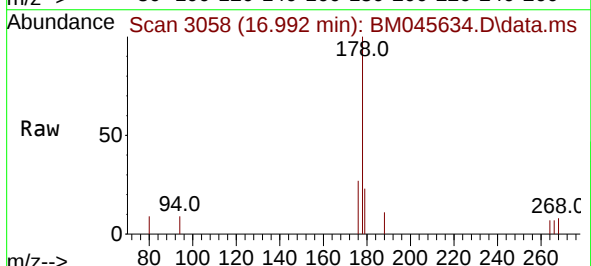
Tgt Ion:178 Resp: 912

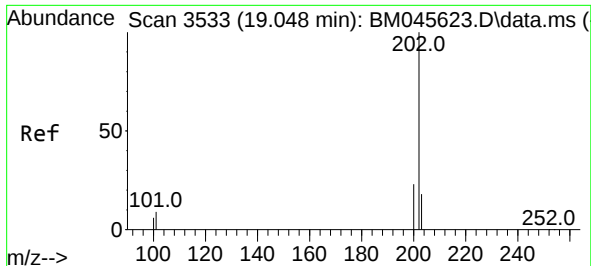
Ion Ratio Lower Upper

178 100

179 22.7 15.4 23.2

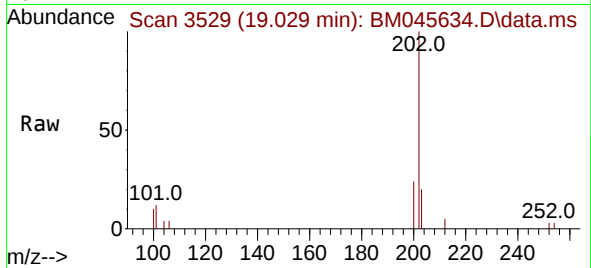
176 26.9 19.0 28.4





#19
Fluoranthene
Concen: 0.282 ng/ul
RT: 19.029 min Scan# 3529
Delta R.T. -0.019 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

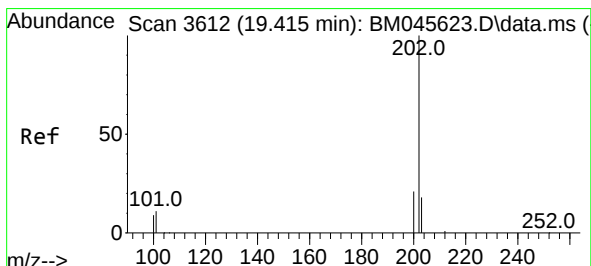
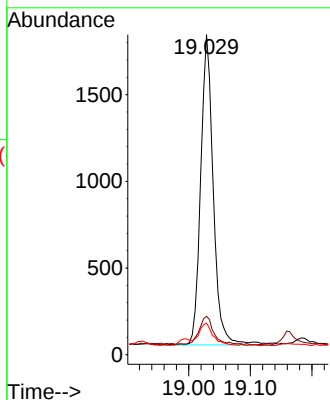
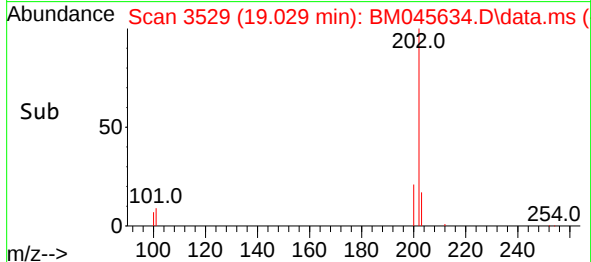
Instrument :
BNA_M
ClientSampleId :
C0AF2



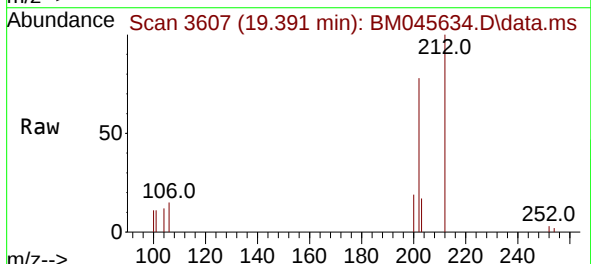
Tgt Ion:202 Resp: 254.0
Ion Ratio Lower Upper
202 100
101 12.0 11.2 16.8
100 9.9 9.1 13.7

Manual Integrations
APPROVED

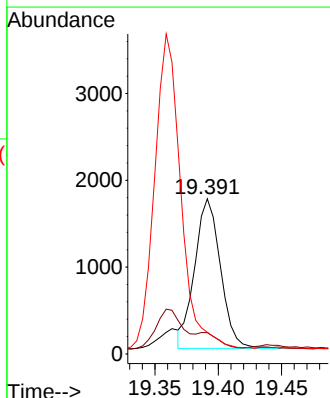
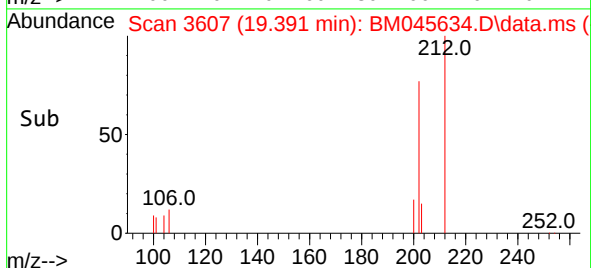
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

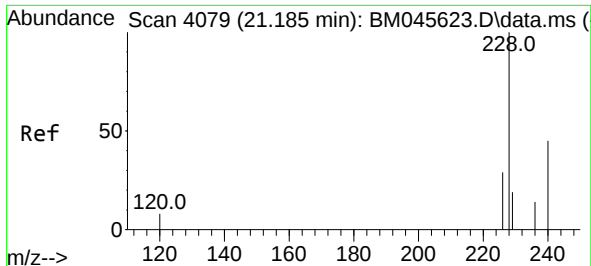


#20
Pyrene
Concen: 0.263 ng/ul m
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33



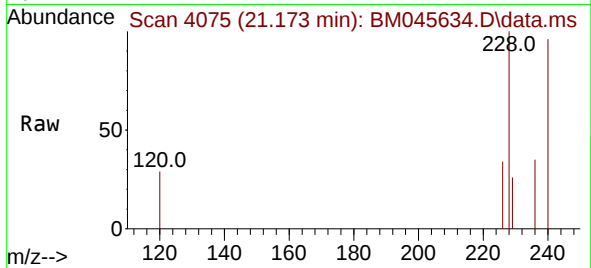
Tgt Ion:202 Resp: 2439
Ion Ratio Lower Upper
202 100
101 13.7 11.5 17.3
100 14.0 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.173 min Scan# 4075
Delta R.T. -0.012 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

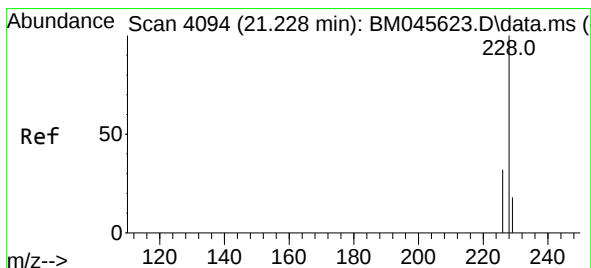
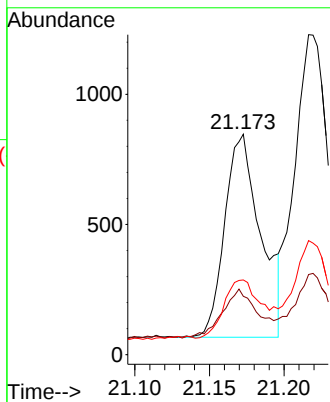
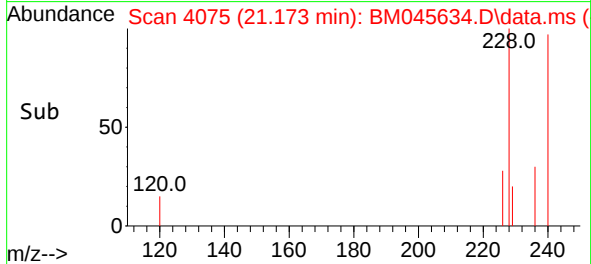
Instrument :
BNA_M
ClientSampleId :
C0AF2



Tgt Ion:228 Resp: 1301
Ion Ratio Lower Upper
228 100
229 26.4 19.4 29.2
226 33.9 26.3 39.5

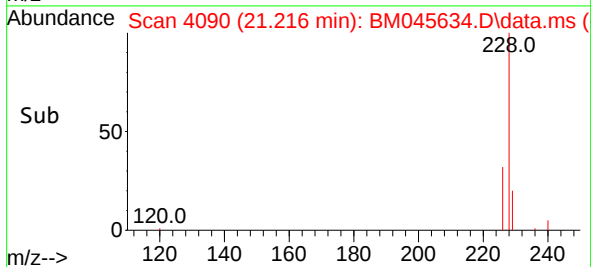
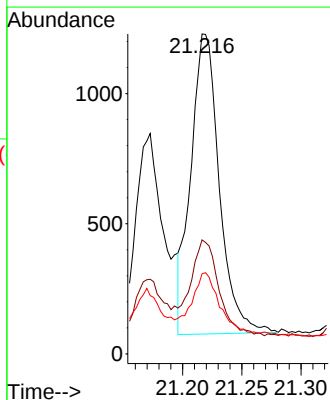
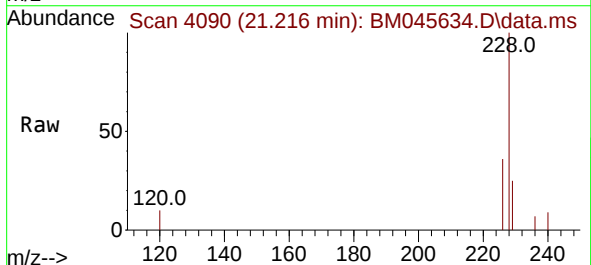
Manual Integrations
APPROVED

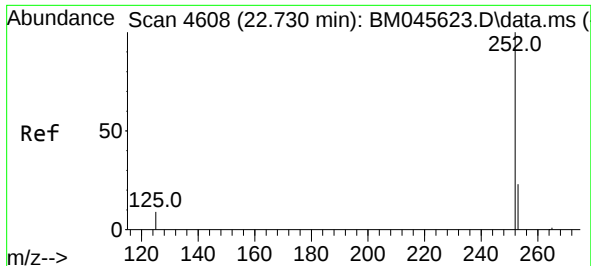
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#22
Chrysene
Concen: 0.201 ng/ul
RT: 21.216 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

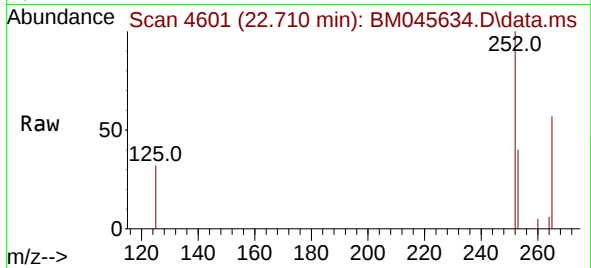
Tgt Ion:228 Resp: 1931
Ion Ratio Lower Upper
228 100
226 35.6 26.3 39.5
229 25.1 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.296 ng/ul m
RT: 22.710 min Scan# 4601
Delta R.T. -0.021 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

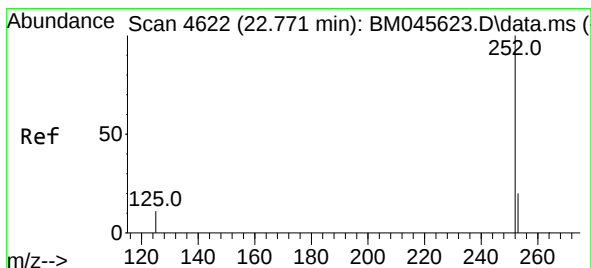
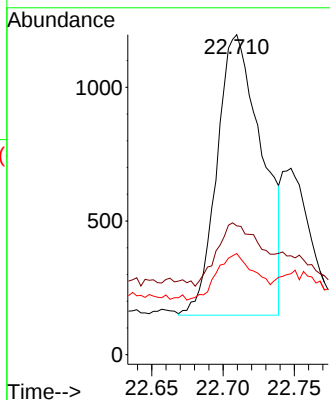
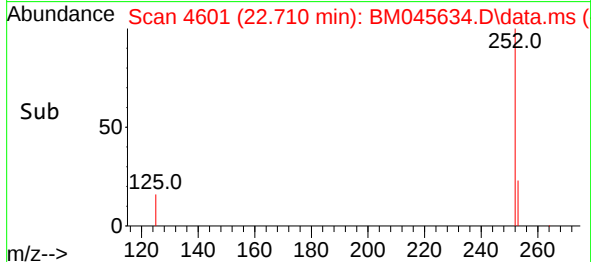
Instrument :
BNA_M
ClientSampleId :
C0AF2



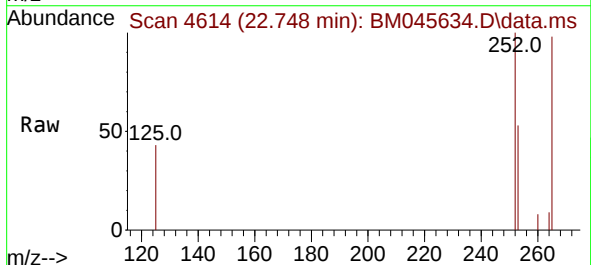
Tgt Ion:252 Resp: 2300
Ion Ratio Lower Upper
252 100
253 40.3 0.0 63.4
125 31.6 0.0 36.8

Manual Integrations
APPROVED

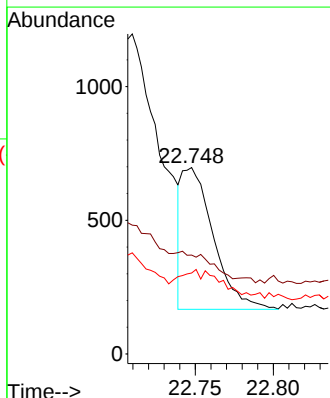
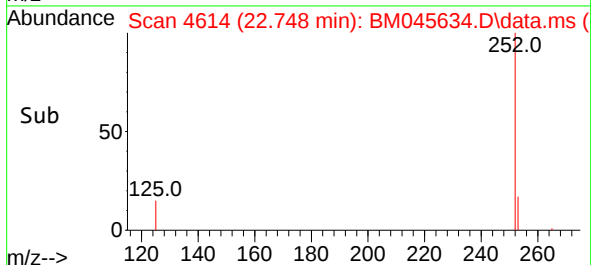
Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

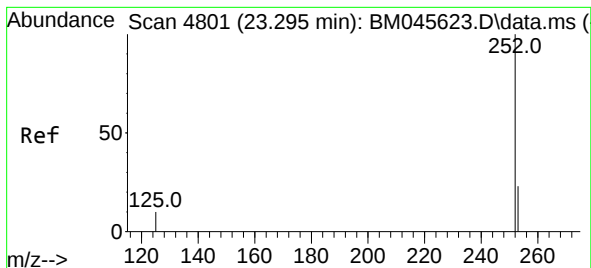


#25
Benzo(k)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.748 min Scan# 4614
Delta R.T. -0.024 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33



Tgt Ion:252 Resp: 751
Ion Ratio Lower Upper
252 100
253 53.1 25.4 38.0#
125 43.5 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.161 ng/ul

RT: 23.259 min Scan# 4789

Delta R.T. -0.035 min

Lab File: BM045634.D

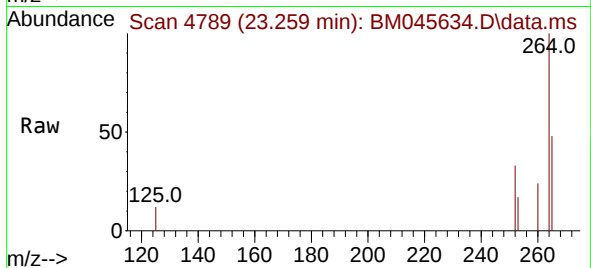
Acq: 30 Apr 2024 02:33

Instrument :

BNM

ClientSampleId :

C0AF2



Tgt Ion:252 Resp: 1300

Ion Ratio Lower Upper

252 100

253 51.2 31.6 47.4

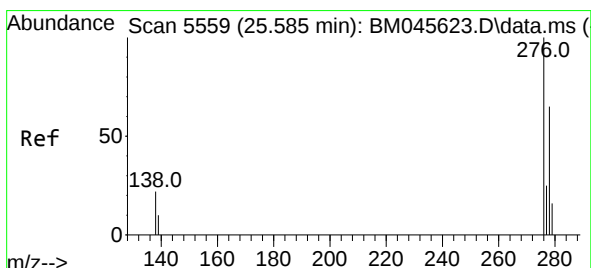
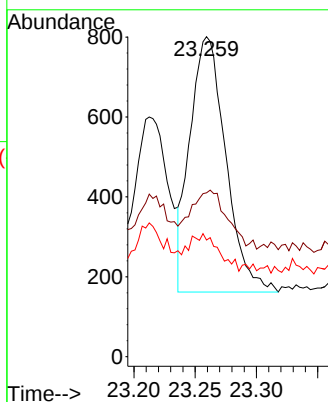
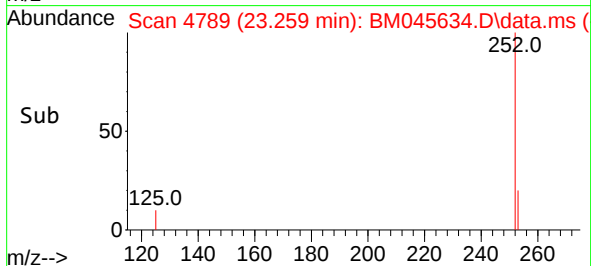
125 36.5 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.095 ng/ul

RT: 25.571 min Scan# 5555

Delta R.T. -0.014 min

Lab File: BM045634.D

Acq: 30 Apr 2024 02:33

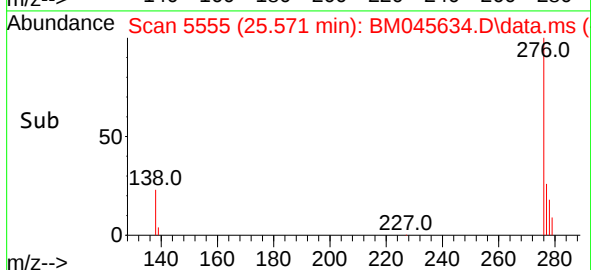
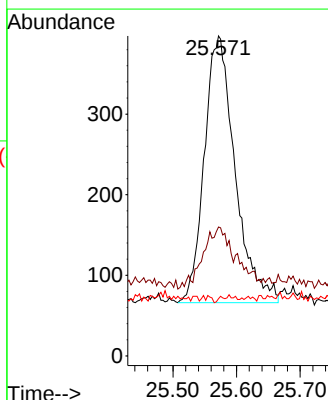
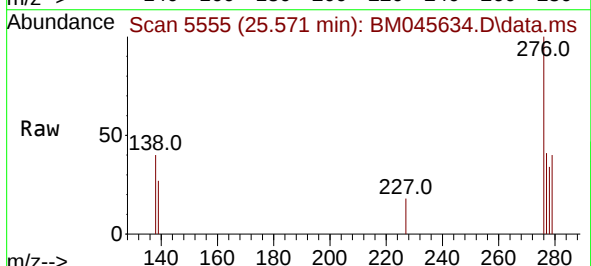
Tgt Ion:276 Resp: 1110

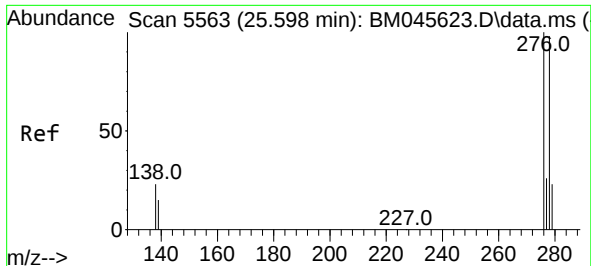
Ion Ratio Lower Upper

276 100

138 20.5 19.8 29.6

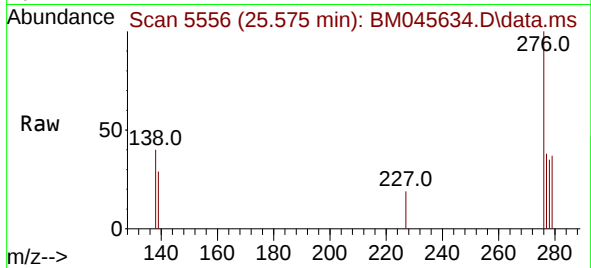
227 0.5 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 25.575 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33

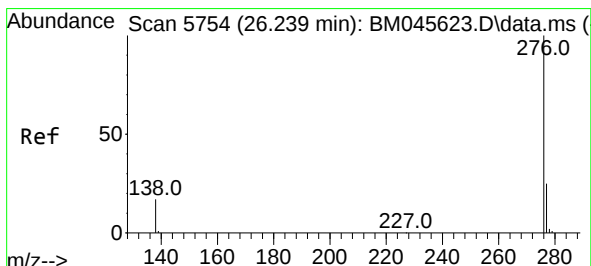
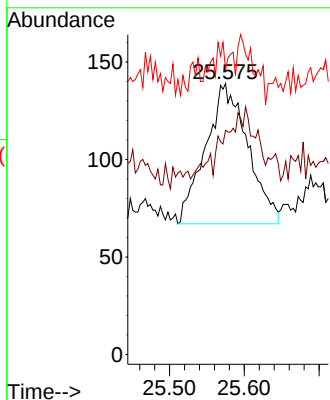
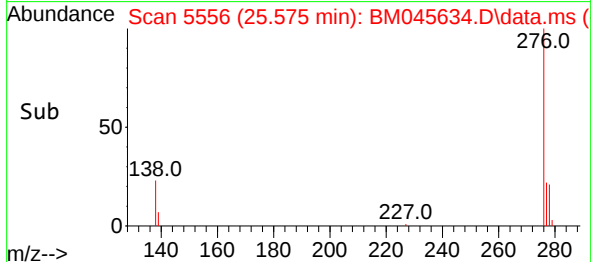
Instrument :
BNA_M
ClientSampleId :
C0AF2



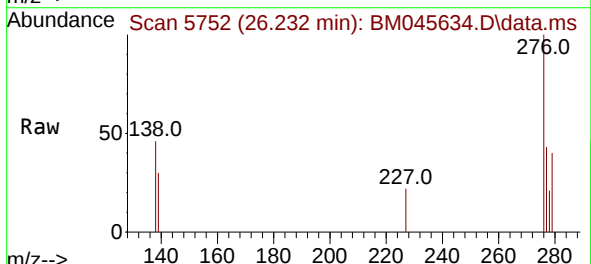
Tgt Ion:278 Resp: 283
Ion Ratio Lower Upper
278 100
139 82.7 19.0 28.6
279 105.0 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



#29
Benzo(g,h,i)perylene
Concen: 0.095 ng/ul
RT: 26.232 min Scan# 5752
Delta R.T. -0.007 min
Lab File: BM045634.D
Acq: 30 Apr 2024 02:33



Tgt Ion:276 Resp: 999
Ion Ratio Lower Upper
276 100
138 46.0 20.8 31.2#
277 43.1 21.8 32.8#

