

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046581.D
 Acq On : 13 Jul 2024 13:51
 Operator : MA/JU
 Sample : P3088-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CZ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136	11375	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164	7104	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	14510m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	9166	0.400	ng/ul	# 0.00
23) Perylene-d12	23.256	264	9566	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	8051	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	4054	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	8116	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.947	178	4208	0.102	ng/ul#	84
16) Anthracene	17.040	178	931	0.023	ng/ul#	40
19) Fluoranthene	18.974	202	10051	0.267	ng/ul#	89
20) Pyrene	19.341	202	7811m	0.192	ng/ul	
21) Benzo(a)anthracene	21.096	228	4012	0.099	ng/ul#	61
22) Chrysene	21.146	228	4586	0.117	ng/ul#	68
24) Benzo(b)fluoranthene	22.621	252	5857m	0.153	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	2165m	0.058	ng/ul	
26) Benzo(a)pyrene	23.162	252	3635	0.116	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	25.376	276	3254	0.068	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.393	278	788	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276	3315	0.087	ng/ul#	37

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

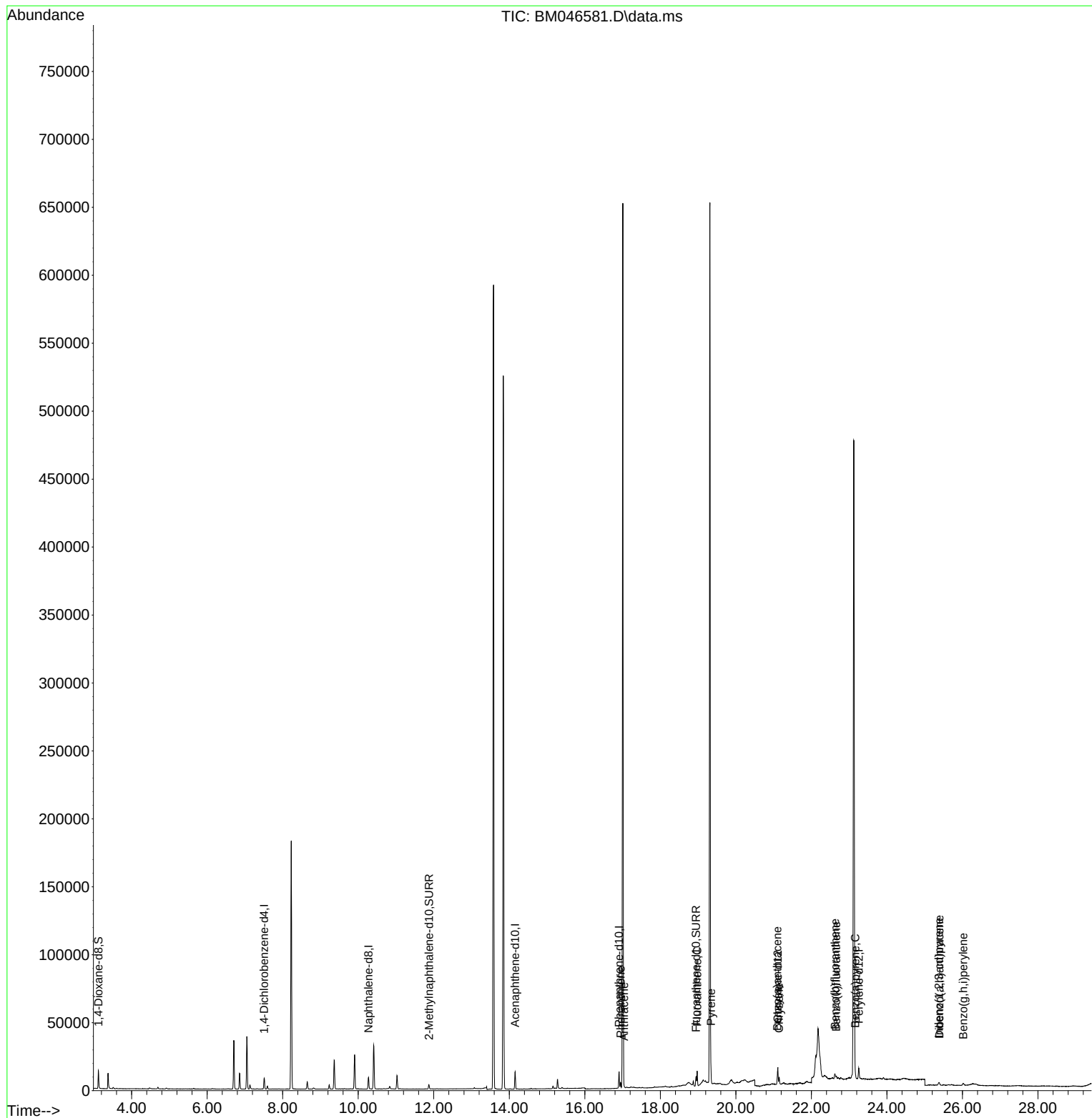
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046581.D
Acq On : 13 Jul 2024 13:51
Operator : MA/JU
Sample : P3088-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

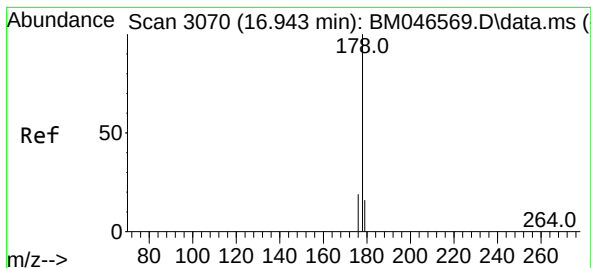
Instrument :
BNA_M
ClientSampleId :
A4CZ0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.102 ng/u1

RT: 16.947 min Scan# 3070

Delta R.T. 0.004 min

Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

Instrument :

BNA_M

ClientSampleId :

A4CZ0

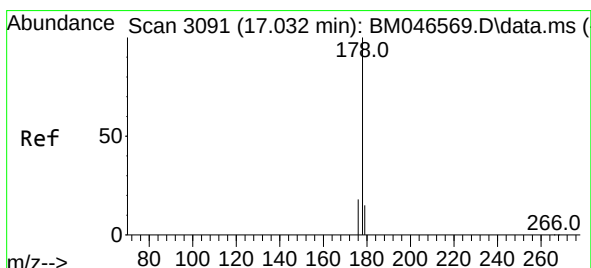
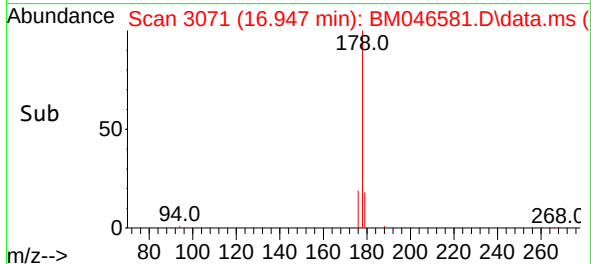
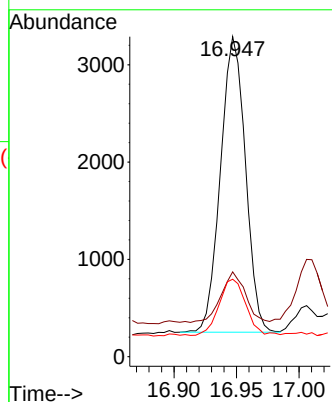
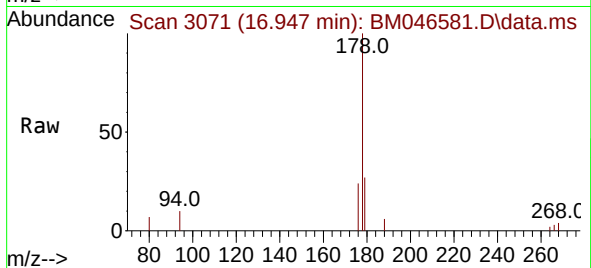
Tgt Ion:178 Resp: 4208

Ion	Ratio	Lower	Upper
178	100		
179	26.5	13.1	19.7
176	24.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#16

Anthracene

Concen: 0.023 ng/u1

RT: 17.040 min Scan# 3093

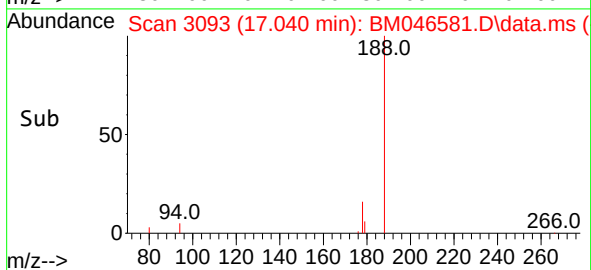
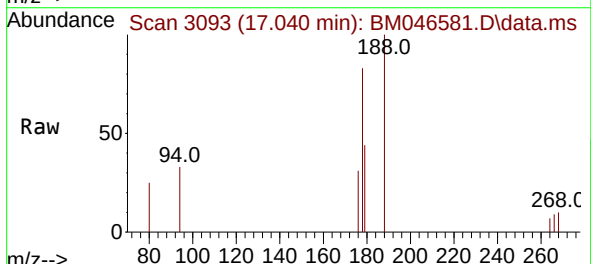
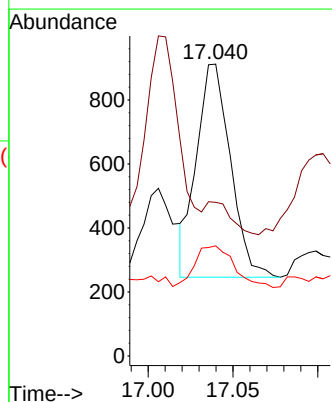
Delta R.T. 0.008 min

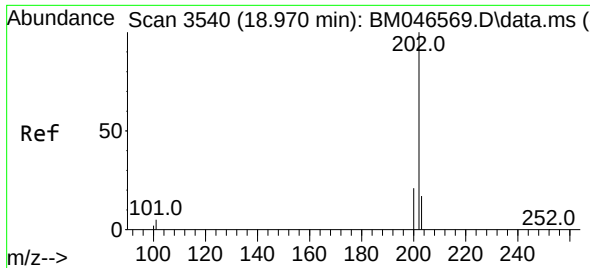
Lab File: BM046581.D

Acq: 13 Jul 2024 13:51

Tgt Ion:178 Resp: 931

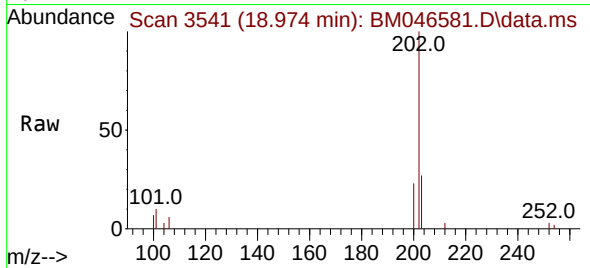
Ion	Ratio	Lower	Upper
178	100		
179	52.6	13.5	20.3
176	37.7	15.7	23.5





#19
Fluoranthene
Concen: 0.267 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. 0.004 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

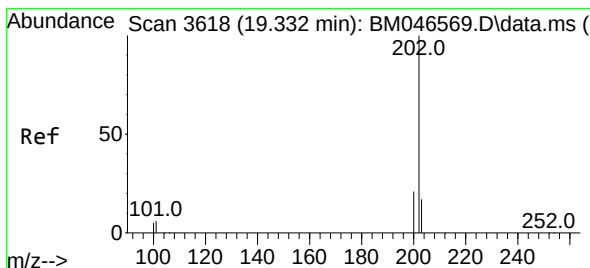
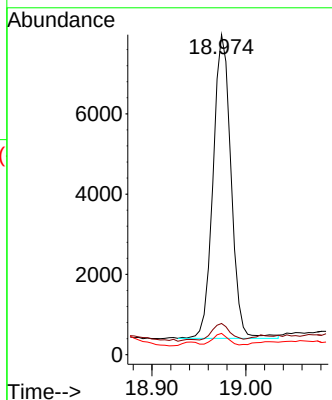
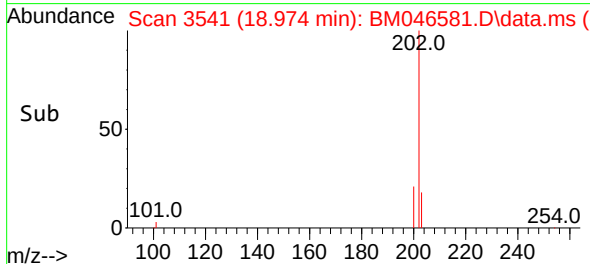
Instrument :
BNA_M
ClientSampleId :
A4CZ0



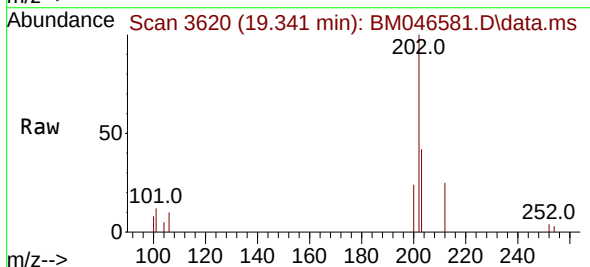
Tgt Ion:202 Resp: 1005
Ion Ratio Lower Upper
202 100
101 9.7 4.6 6.8#
100 6.6 3.0 4.6#

Manual Integrations
APPROVED

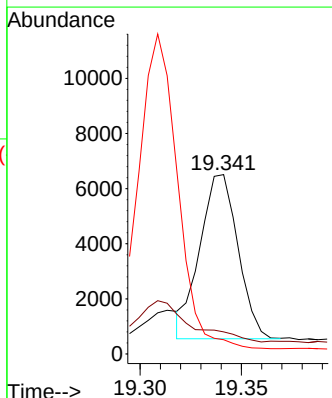
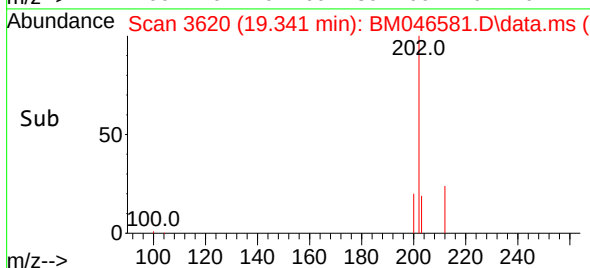
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

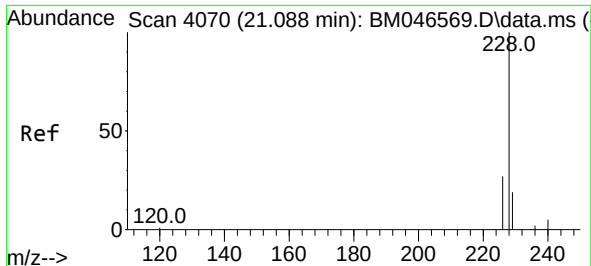


#20
Pyrene
Concen: 0.192 ng/ul m
RT: 19.341 min Scan# 3620
Delta R.T. 0.009 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51



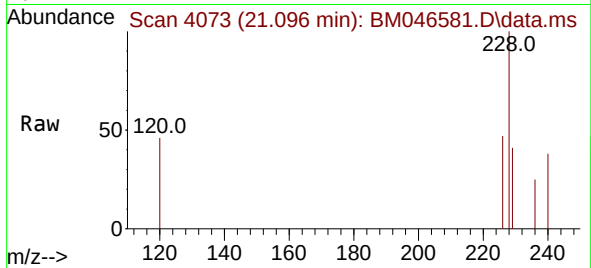
Tgt Ion:202 Resp: 7811
Ion Ratio Lower Upper
202 100
101 12.3 5.1 7.7#
100 8.0 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 0.099 ng/uI
RT: 21.096 min Scan# 4073
Delta R.T. 0.008 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

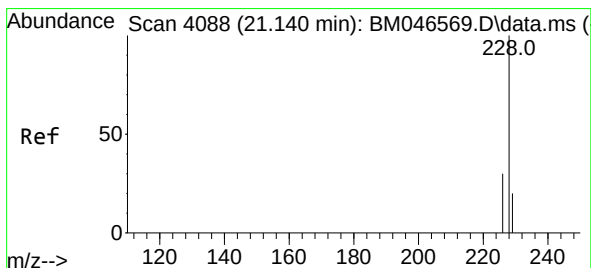
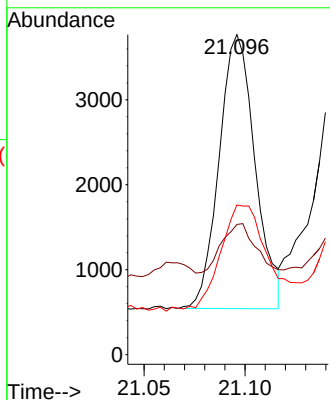
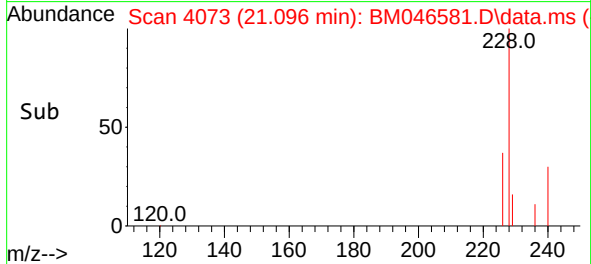
Instrument :
BNA_M
ClientSampleId :
A4CZ0



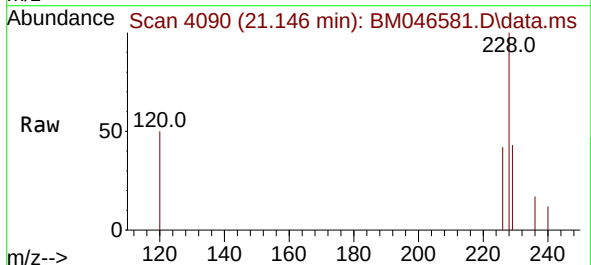
Tgt Ion:228 Resp: 4012
Ion Ratio Lower Upper
228 100
229 40.7 16.5 24.7#
226 46.8 22.5 33.7#

Manual Integrations
APPROVED

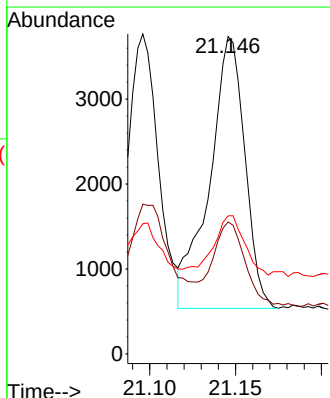
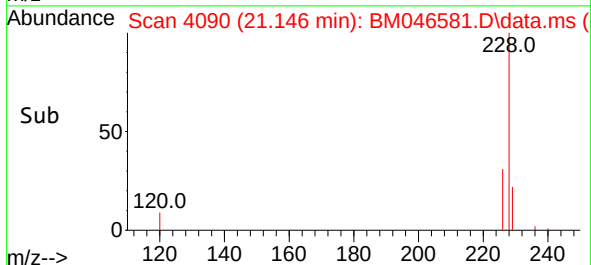
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

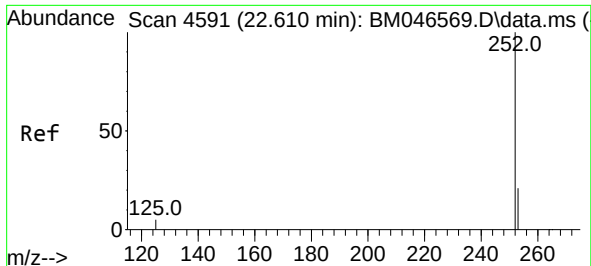


#22
Chrysene
Concen: 0.117 ng/uI
RT: 21.146 min Scan# 4090
Delta R.T. 0.005 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51



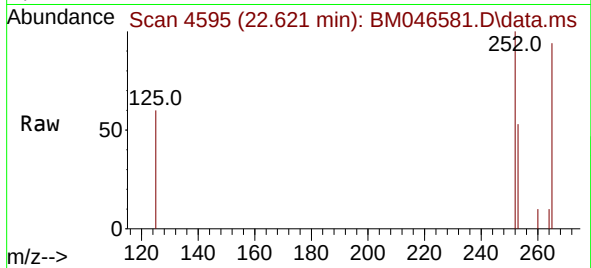
Tgt Ion:228 Resp: 4586
Ion Ratio Lower Upper
228 100
226 41.6 24.3 36.5#
229 43.5 16.4 24.6#





#24
Benzo(b)fluoranthene
Concen: 0.153 ng/ul m
RT: 22.621 min Scan# 4595
Delta R.T. 0.011 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

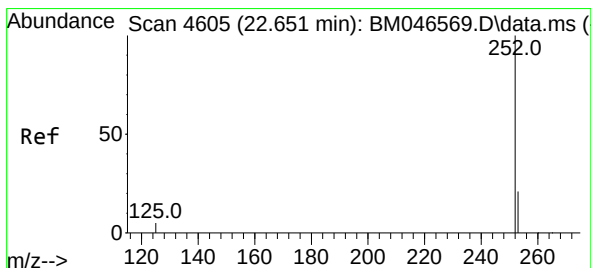
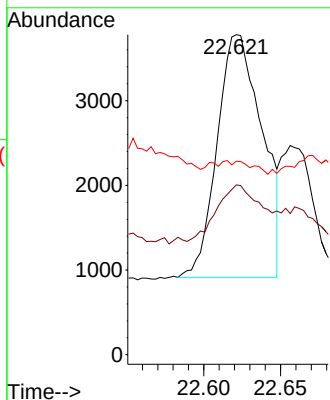
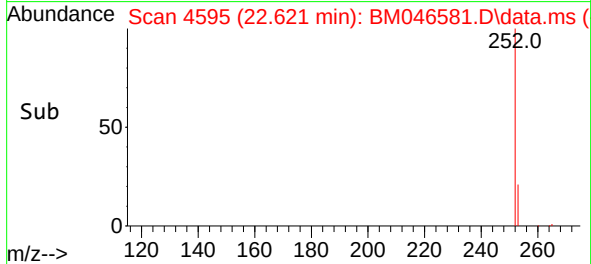
Instrument :
BNA_M
ClientSampleId :
A4CZ0



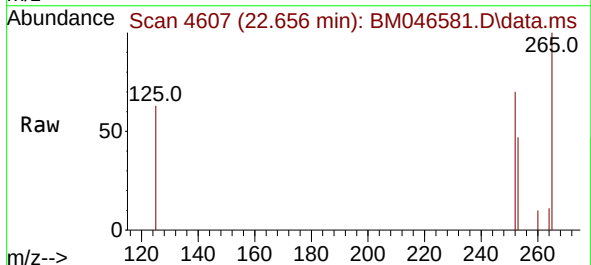
Tgt Ion:252 Resp: 585
Ion Ratio Lower Upper
252 100
253 53.0 0.0 56.2
125 60.5 0.0 17.8

Manual Integrations
APPROVED

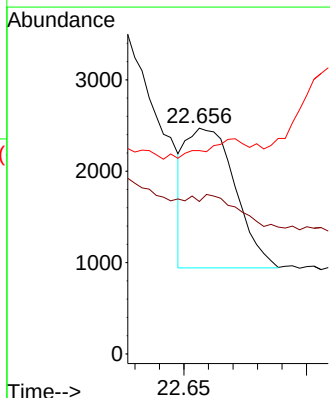
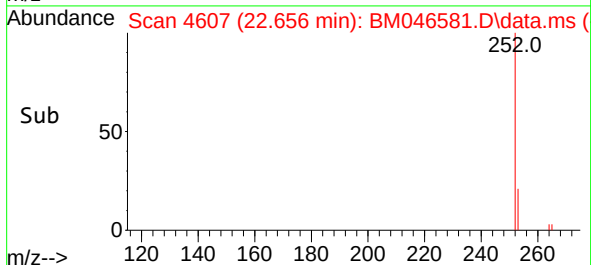
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

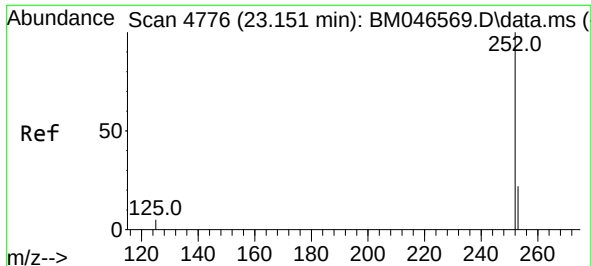


#25
Benzo(k)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.656 min Scan# 4607
Delta R.T. 0.005 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51



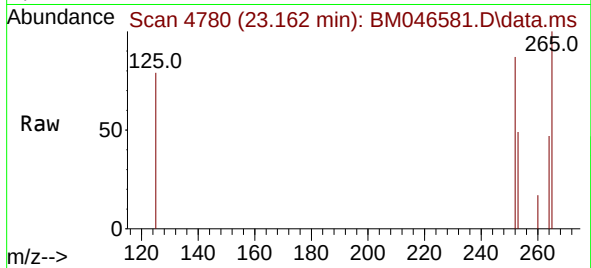
Tgt Ion:252 Resp: 2165
Ion Ratio Lower Upper
252 100
253 67.5 22.4 33.6#
125 90.0 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.116 ng/ul
RT: 23.162 min Scan# 4780
Delta R.T. 0.011 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

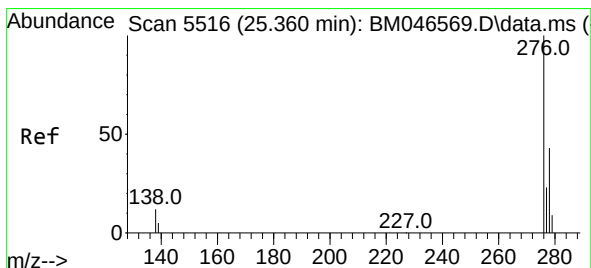
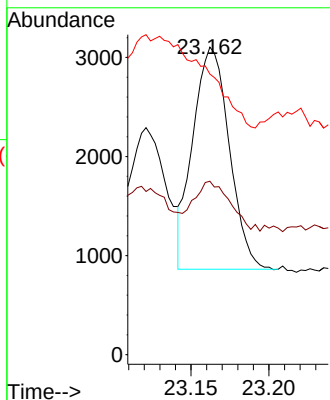
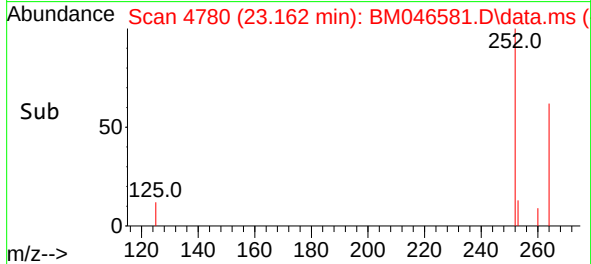
Instrument :
BNA_M
ClientSampleId :
A4CZ0



Tgt Ion:252 Resp: 3639
Ion Ratio Lower Upper
252 100
253 56.4 24.0 36.0
125 91.2 8.2 12.2

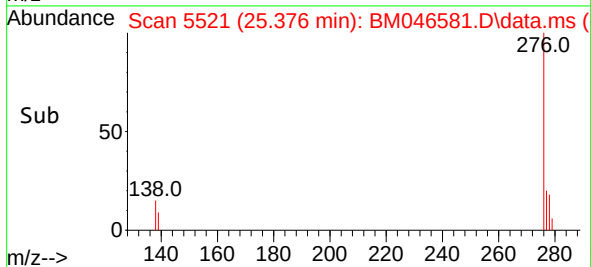
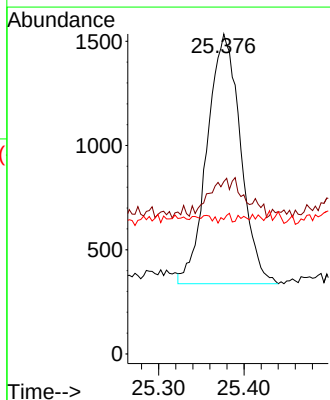
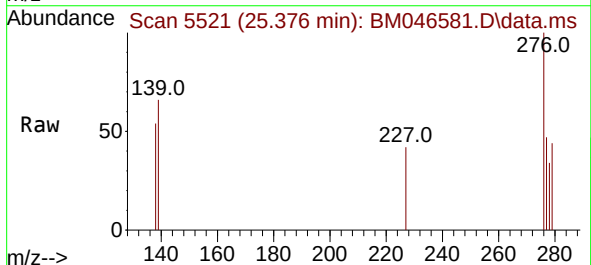
Manual Integrations
APPROVED

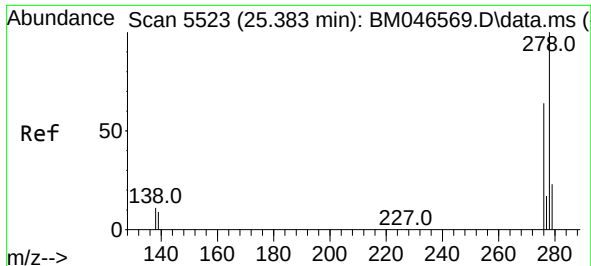
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. 0.016 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

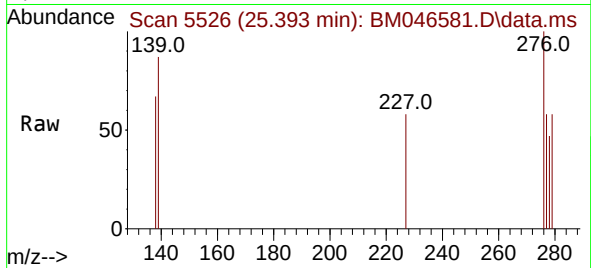
Tgt Ion:276 Resp: 3254
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.9 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.393 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51

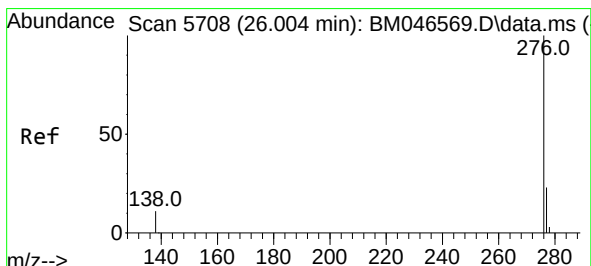
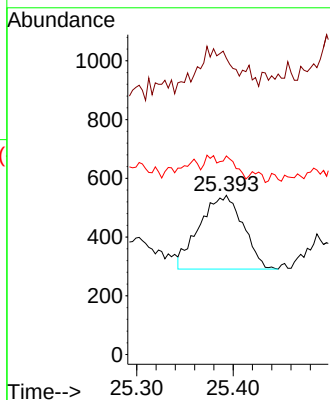
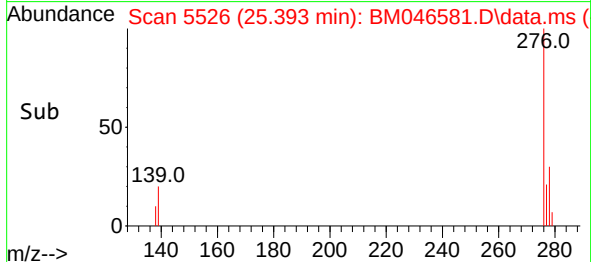
Instrument :
BNA_M
ClientSampleId :
A4CZ0



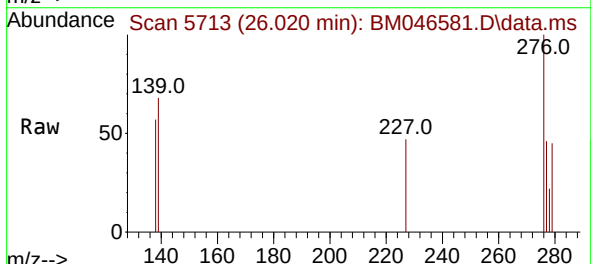
Tgt Ion:278 Resp: 788
Ion Ratio Lower Upper
278 100
139 186.2 9.1 13.7
279 124.7 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.087 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046581.D
Acq: 13 Jul 2024 13:51



Tgt Ion:276 Resp: 3315
Ion Ratio Lower Upper
276 100
138 57.1 10.2 15.4#
277 45.6 20.9 31.3#

