

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046585.D
 Acq On : 13 Jul 2024 16:18
 Operator : MA/JU
 Sample : P3035-23
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC4

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 09:03:07 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	4887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	13318	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	8377	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	17778	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	12404	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	12336	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	8938	2.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	4187	0.195	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9383	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	2476	0.065	ng/ul	94
15) Phenanthrene	16.946	178	10247	0.202	ng/ul	100
16) Anthracene	17.035	178	2609	0.053	ng/ul#	91
19) Fluoranthene	18.973	202	29397	0.577	ng/ul#	98
20) Pyrene	19.336	202	26337	0.477	ng/ul#	96
21) Benzo(a)anthracene	21.097	228	15208m	0.277	ng/ul	
22) Chrysene	21.146	228	14991	0.282	ng/ul	96
24) Benzo(b)fluoranthene	22.619	252	19372m	0.393	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	6050m	0.125	ng/ul	
26) Benzo(a)pyrene	23.163	252	12495	0.308	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.374	276	10052	0.163	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.384	278	2519	0.052	ng/ul#	16
29) Benzo(g,h,i)perylene	26.021	276	9597	0.195	ng/ul#	91

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

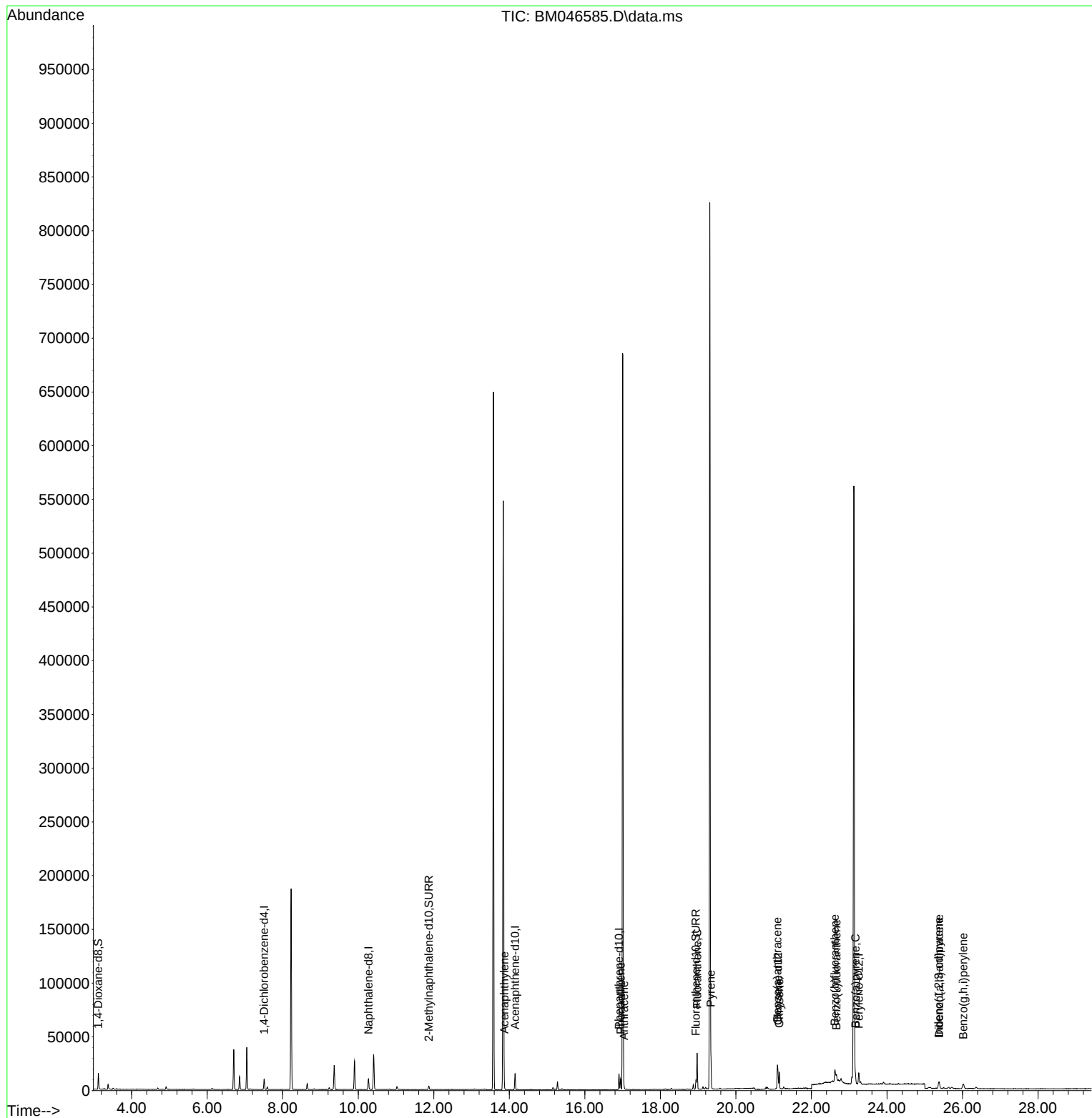
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Data File : BM046585.D
Acq On : 13 Jul 2024 16:18
Operator : MA/JU
Sample : P3035-23
Misc :
ALS Vial : 48 Sample Multiplier: 1

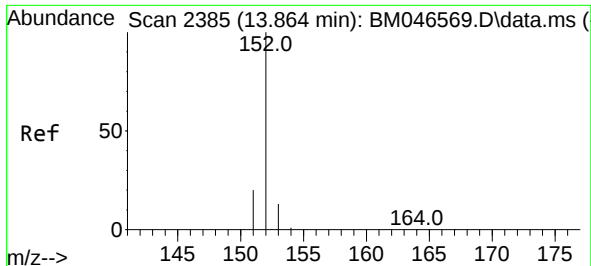
Instrument :
BNA_M
ClientSampleId :
A4CC4

Quant Time: Jul 15 09:03:07 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

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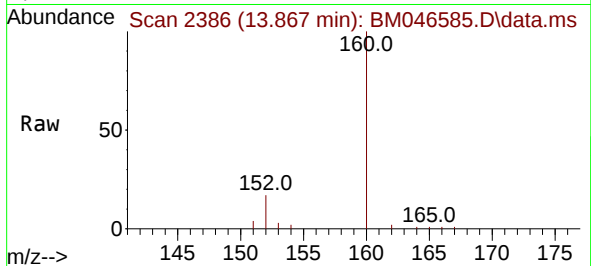
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024





#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

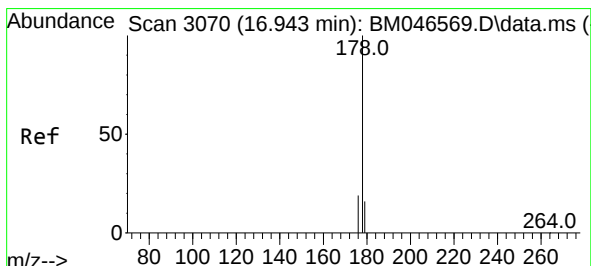
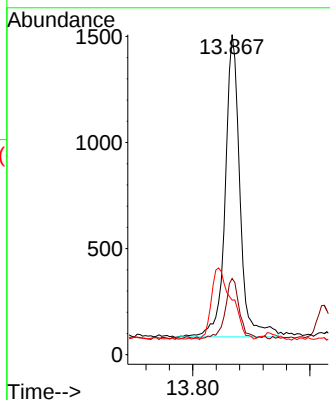
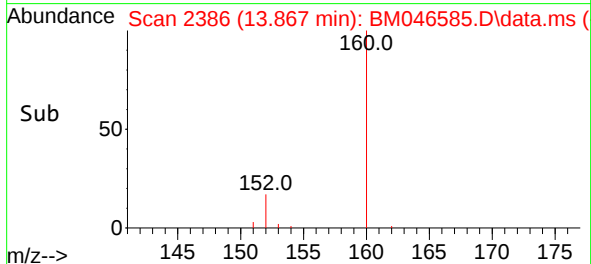
Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion:152 Resp: 2470
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6
153 17.0 12.4 18.6

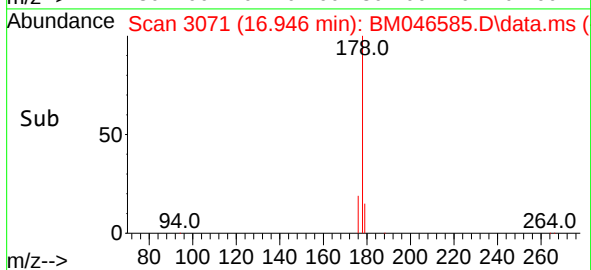
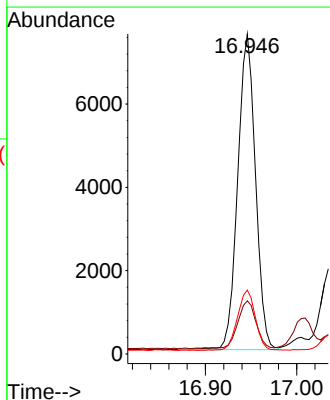
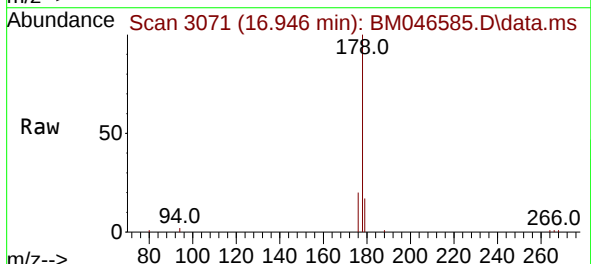
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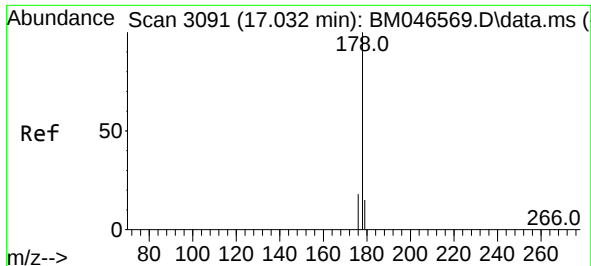
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 16.946 min Scan# 3071
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

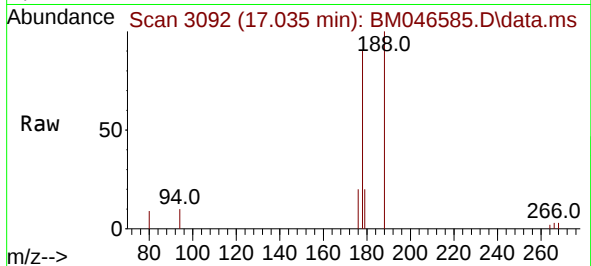
Tgt Ion:178 Resp: 10247
Ion Ratio Lower Upper
178 100
179 16.6 13.1 19.7
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.053 ng/ul
 RT: 17.035 min Scan# 3091
 Delta R.T. 0.003 min
 Lab File: BM046585.D
 Acq: 13 Jul 2024 16:18

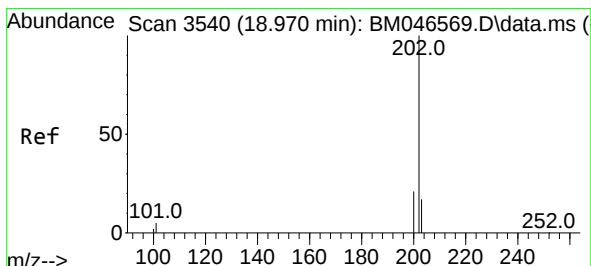
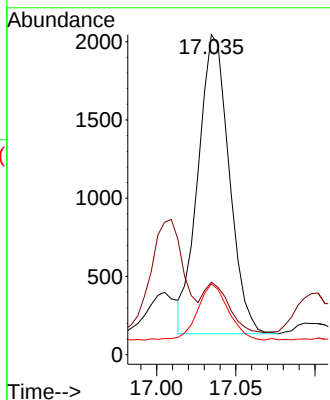
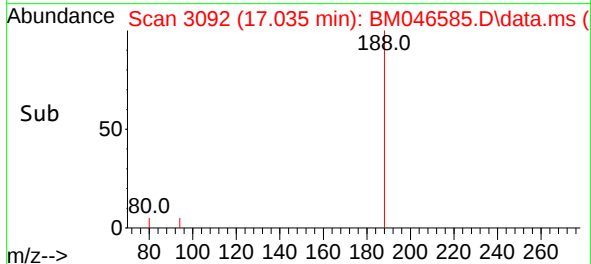
Instrument :
 BNA_M
 ClientSampleId :
 A4CC4



Tgt Ion:178 Resp: 2609
 Ion Ratio Lower Upper
 178 100
 179 22.6 13.5 20.3
 176 22.1 15.7 23.5

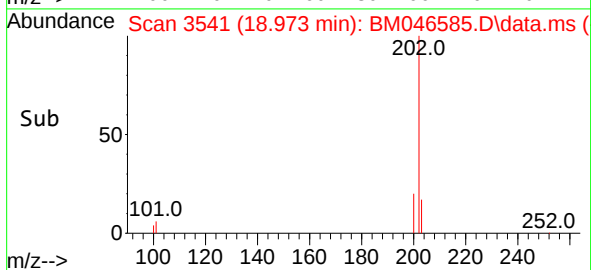
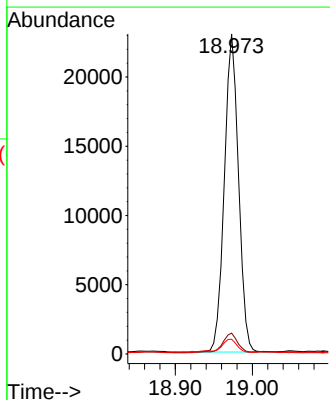
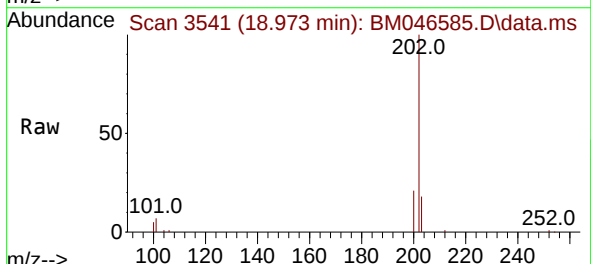
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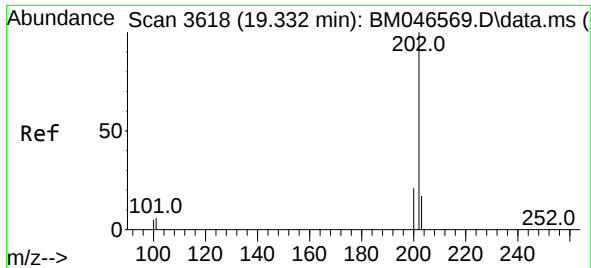
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 0.577 ng/ul
 RT: 18.973 min Scan# 3541
 Delta R.T. 0.003 min
 Lab File: BM046585.D
 Acq: 13 Jul 2024 16:18

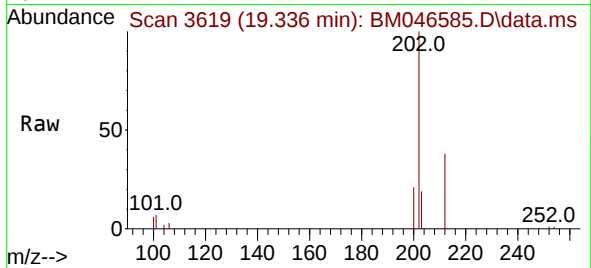
Tgt Ion:202 Resp: 29397
 Ion Ratio Lower Upper
 202 100
 101 6.5 4.6 6.8
 100 4.6 3.0 4.6#





#20
Pyrene
Concen: 0.477 ng/ul
RT: 19.336 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

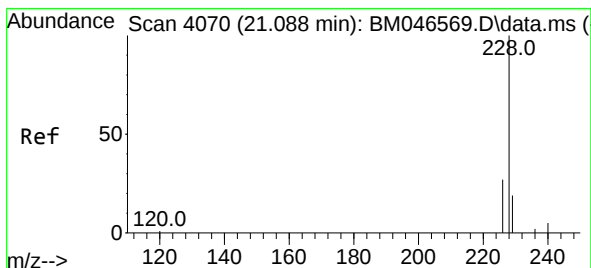
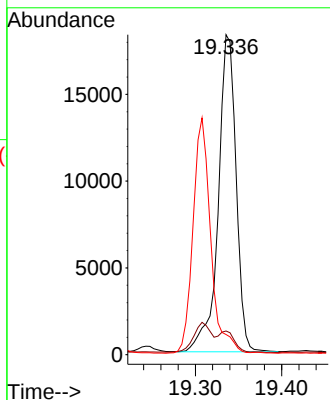
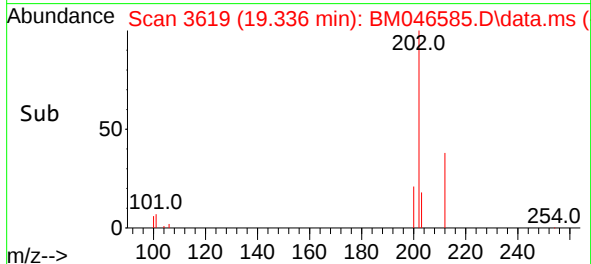
Instrument :
BNA_M
ClientSampleId :
A4CC4



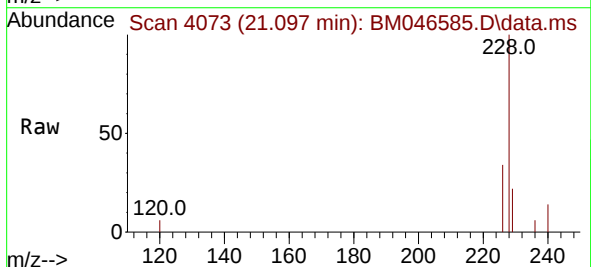
Tgt Ion:202 Resp: 2633
Ion Ratio Lower Upper
202 100
101 7.4 5.1 7.7
100 6.3 3.8 5.6

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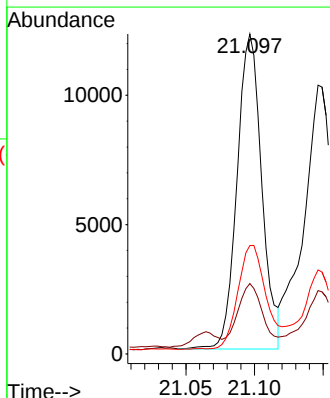
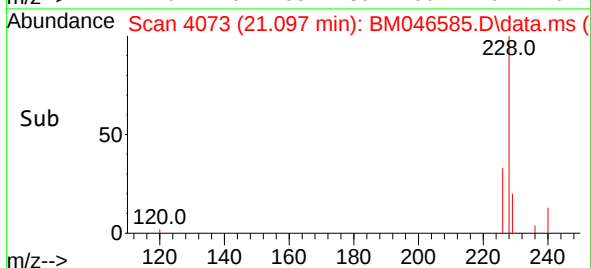
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

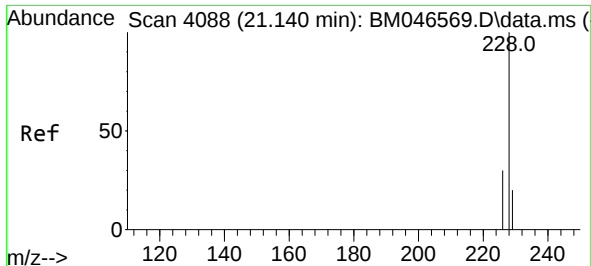


#21
Benzo(a)anthracene
Concen: 0.277 ng/ul m
RT: 21.097 min Scan# 4073
Delta R.T. 0.009 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18



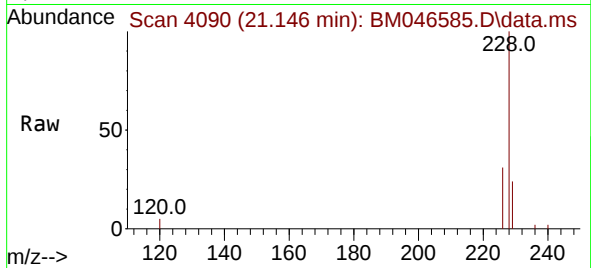
Tgt Ion:228 Resp: 15208
Ion Ratio Lower Upper
228 100
229 22.0 16.5 24.7
226 33.9 22.5 33.7#





#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.146 min Scan# 4088
Delta R.T. 0.006 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

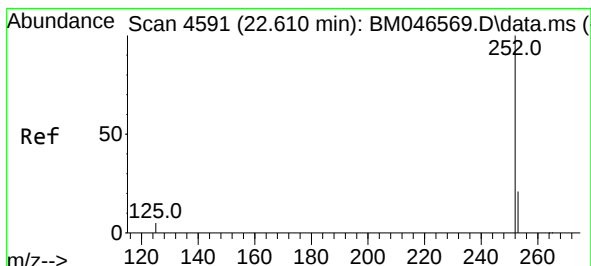
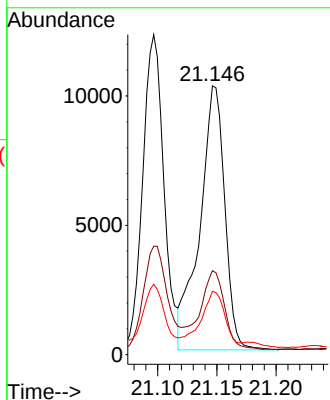
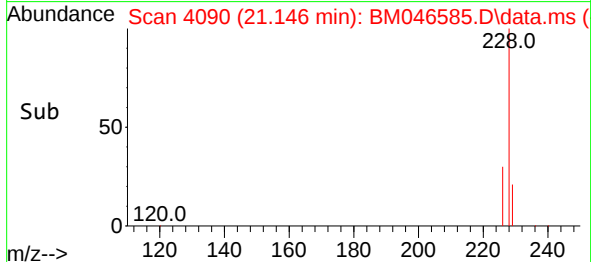
Instrument :
BNA_M
ClientSampleId :
A4CC4



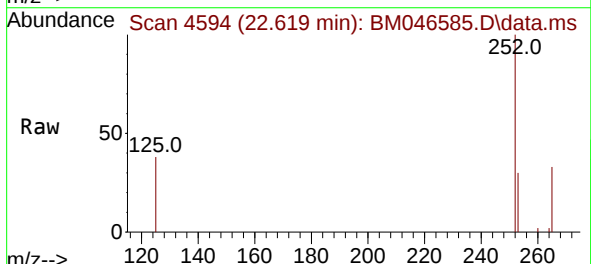
Tgt Ion:228 Resp: 1499
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 23.6 16.4 24.6

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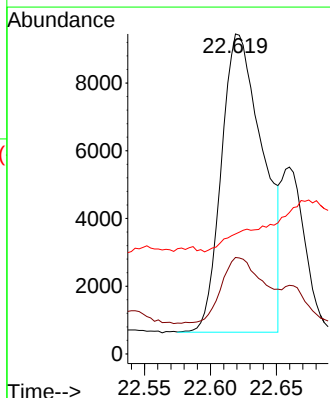
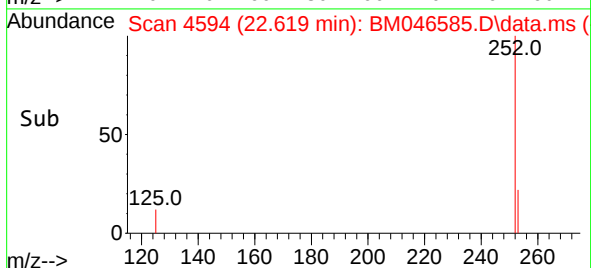
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

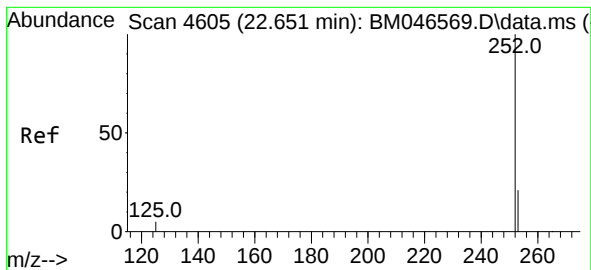


#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18



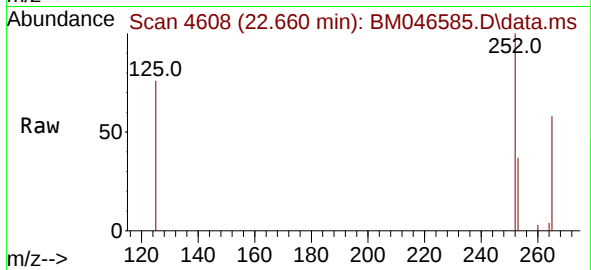
Tgt Ion:252 Resp: 19372
Ion Ratio Lower Upper
252 100
253 30.2 0.0 56.2
125 37.5 0.0 17.8#





#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.660 min Scan# 4605
Delta R.T. 0.009 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

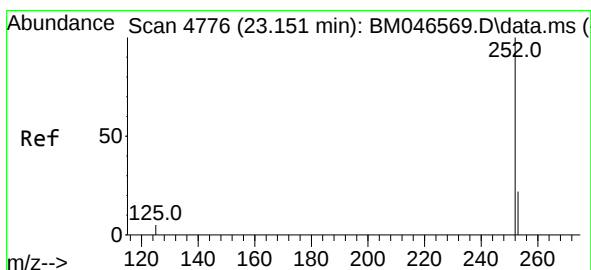
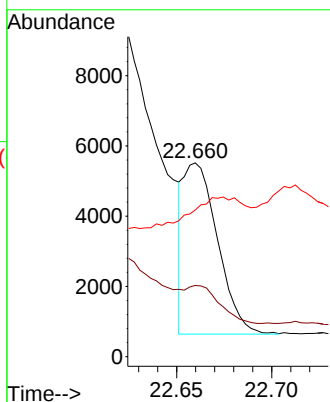
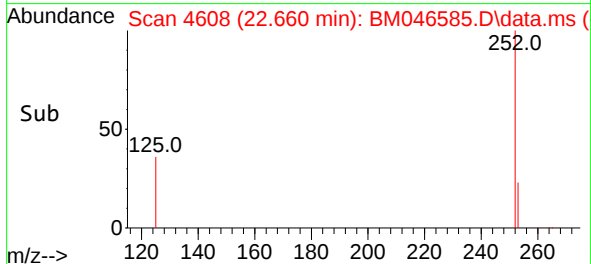
Instrument :
BNA_M
ClientSampleId :
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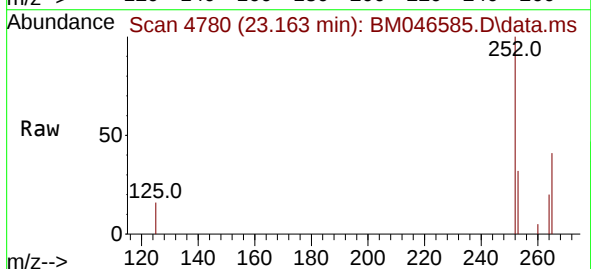
Tgt Ion:252 Resp: 6050
Ion Ratio Lower Upper
252 100
253 36.7 22.4 33.6
125 75.7 7.0 10.4

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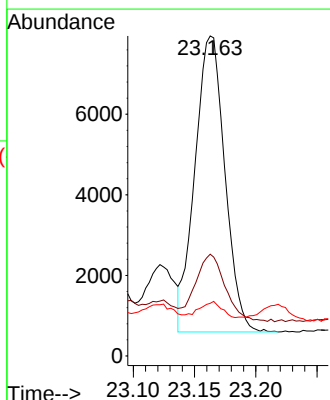
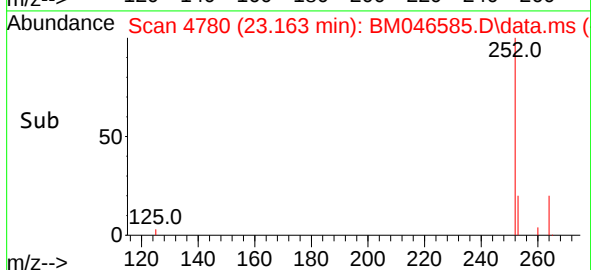
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

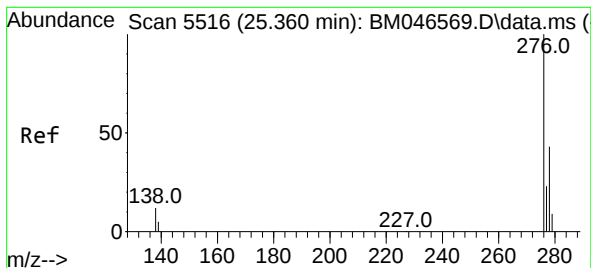


#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 23.163 min Scan# 4780
Delta R.T. 0.012 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18



Tgt Ion:252 Resp: 12495
Ion Ratio Lower Upper
252 100
253 31.8 24.0 36.0
125 16.5 8.2 12.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.163 ng/ul

RT: 25.374 min Scan# 5520

Delta R.T. 0.014 min

Lab File: BM046585.D

Acq: 13 Jul 2024 16:18

Instrument :

BNA_M

ClientSampleId :

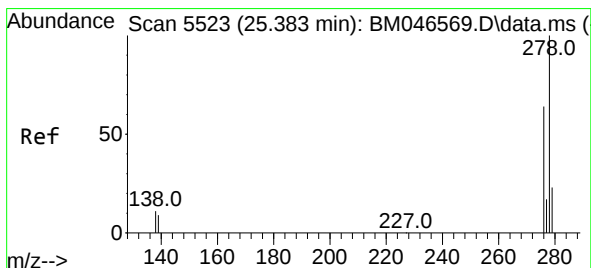
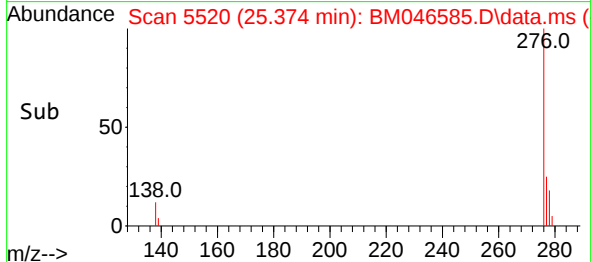
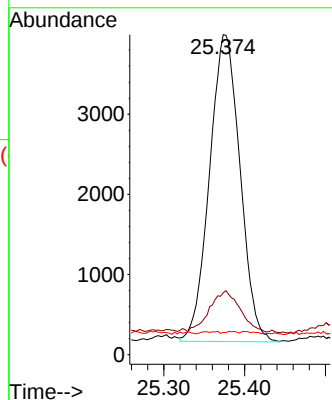
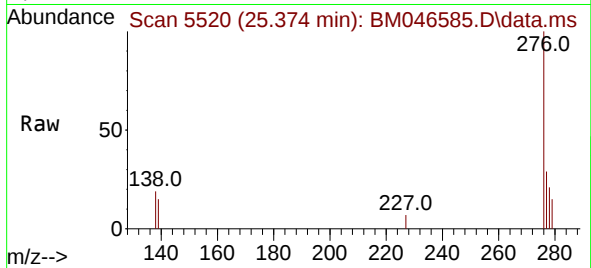
A4CC4

Tgt Ion:	276	Resp:	1005
Ion Ratio	Lower	Upper	
276	100		
138	13.2	0.0	0.0#
227	0.1	0.2	0.2#

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.052 ng/ul

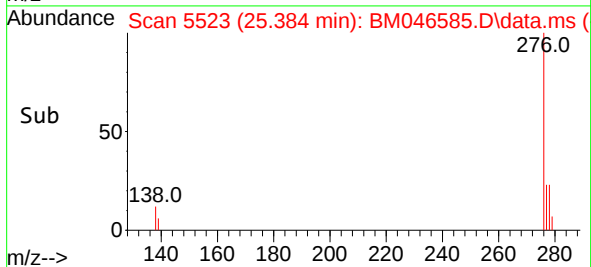
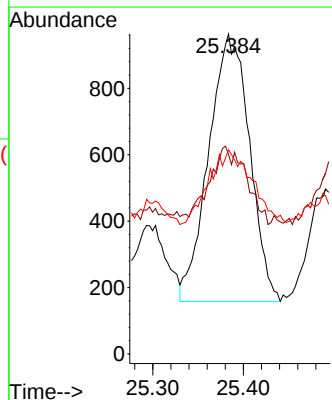
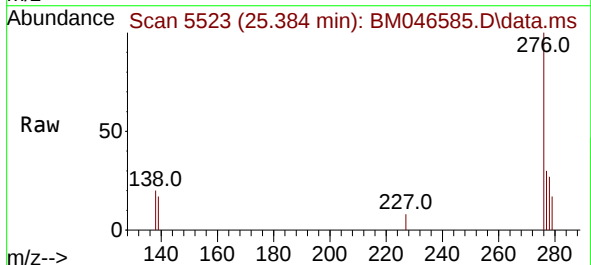
RT: 25.384 min Scan# 5523

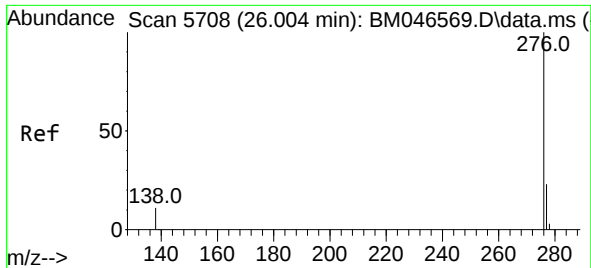
Delta R.T. 0.000 min

Lab File: BM046585.D

Acq: 13 Jul 2024 16:18

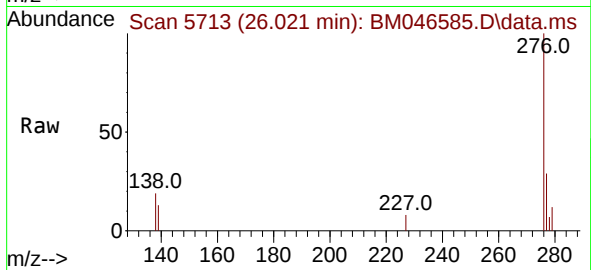
Tgt Ion:	278	Resp:	2519
Ion Ratio	Lower	Upper	
278	100		
139	62.3	9.1	13.7#
279	63.8	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.195 ng/ul
RT: 26.021 min Scan# 51
Delta R.T. 0.017 min
Lab File: BM046585.D
Acq: 13 Jul 2024 16:18

Instrument :
BNA_M
ClientSampleId :
A4CC4



Tgt Ion:	276	Resp:	959
Ion Ratio	Lower	Upper	
276	100		
138	19.4	10.2	15.4
277	28.7	20.9	31.3

Manual Integrations
APPROVED

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

