

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046521.D
 Acq On : 11 Jul 2024 17:14
 Operator : MA/JU
 Sample : P3035-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CC9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 12 04:22:16 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 : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.518	152	3668	0.400	ng/ul	0.00
4) Naphthalene-d8	10.277	136	9673	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.160	164	6273	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.909	188	13822	0.400	ng/ul	0.00
17) Chrysene-d12	21.117	240	11438	0.400	ng/ul	0.00
23) Perylene-d12	23.264	264	12365m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	7268	2.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	2610	0.167	ng/ul	0.00
18) Fluoranthene-d10	18.946	212	6481	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.873	152	1000	0.035	ng/ul#	86
11) Acenaphthene	14.220	153	697	0.036	ng/ul	93
12) Fluorene	15.214	166	937	0.040	ng/ul#	96
15) Phenanthrene	16.951	178	21803	0.553	ng/ul	99
16) Anthracene	17.044	178	4805	0.125	ng/ul	98
19) Fluoranthene	18.979	202	51720	1.101	ng/ul	99
20) Pyrene	19.341	202	43325	0.852	ng/ul	99
21) Benzo(a)anthracene	21.102	228	22452	0.444	ng/ul	99
22) Chrysene	21.152	228	24731	0.505	ng/ul	98
24) Benzo(b)fluoranthene	22.627	252	34714m	0.703	ng/ul	
25) Benzo(k)fluoranthene	22.668	252	11762m	0.243	ng/ul	
26) Benzo(a)pyrene	23.171	252	20770	0.511	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.386	276	17764	0.287	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.396	278	4158	0.085	ng/ul#	72
29) Benzo(g,h,i)perylene	26.030	276	17318	0.351	ng/ul	98

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

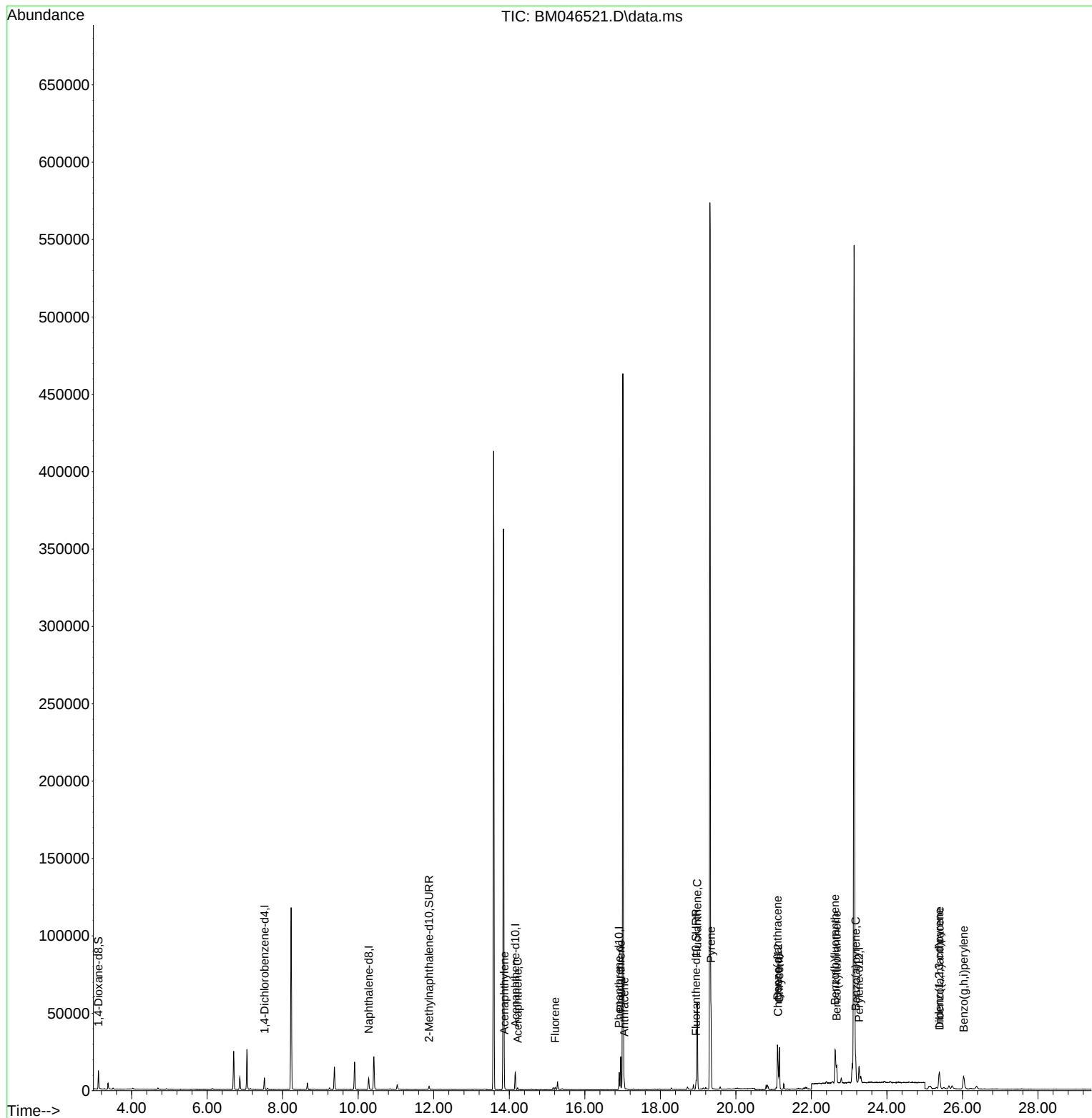
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
Data File : BM046521.D
Acq On : 11 Jul 2024 17:14
Operator : MA/JU
Sample : P3035-24
Misc :
ALS Vial : 14 Sample Multiplier: 1

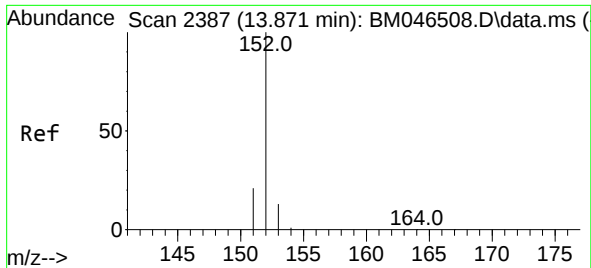
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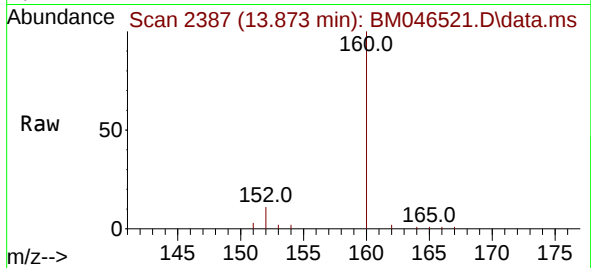
Quant Time: Jul 12 04:22:16 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 13.873 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

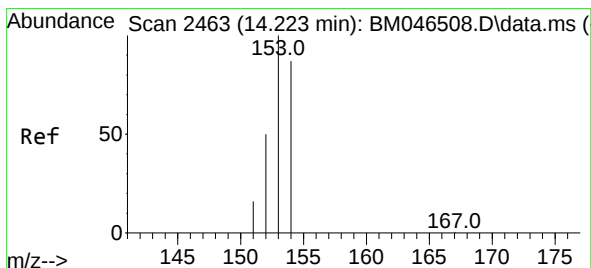
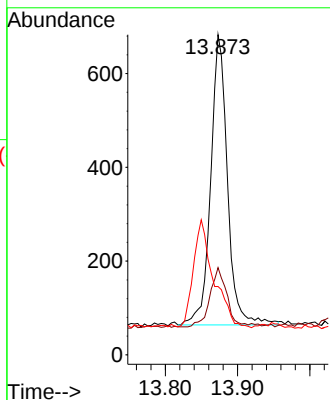
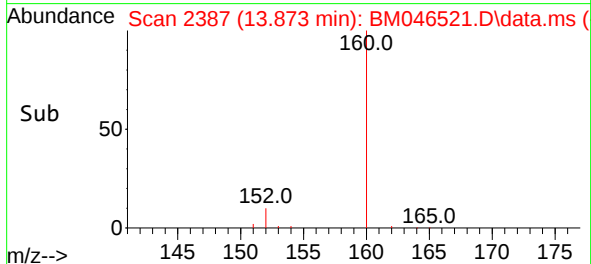
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:152 Resp: 1000
Ion Ratio Lower Upper
152 100
151 27.2 16.4 24.6
153 21.4 12.4 18.6

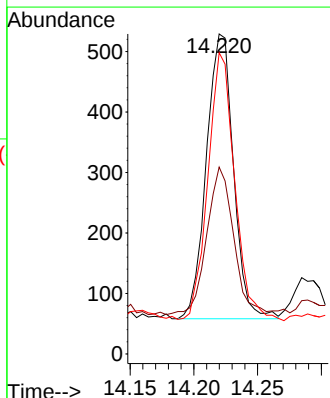
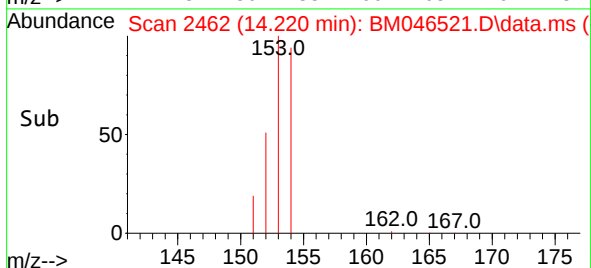
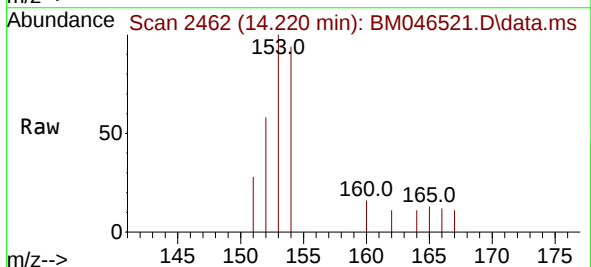
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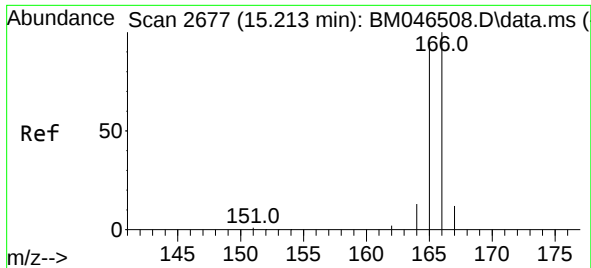
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#11
Acenaphthene
Concen: 0.036 ng/u1
RT: 14.220 min Scan# 2462
Delta R.T. -0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

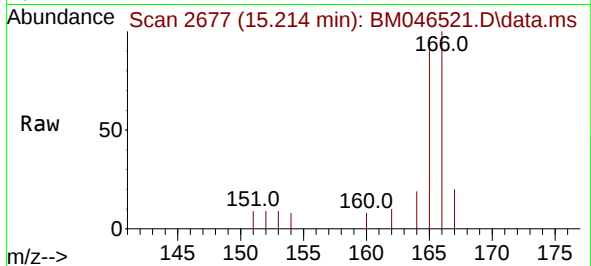
Tgt Ion:153 Resp: 697
Ion Ratio Lower Upper
153 100
152 58.4 43.0 64.6
154 94.1 69.9 104.9





#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.214 min Scan# 20
Delta R.T. 0.001 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

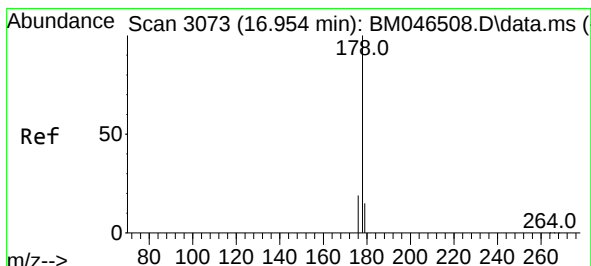
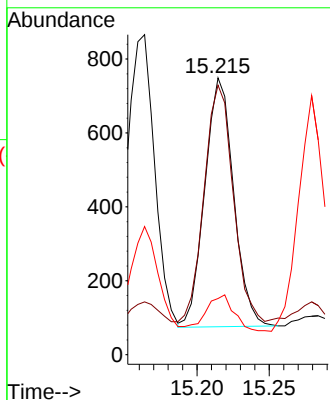
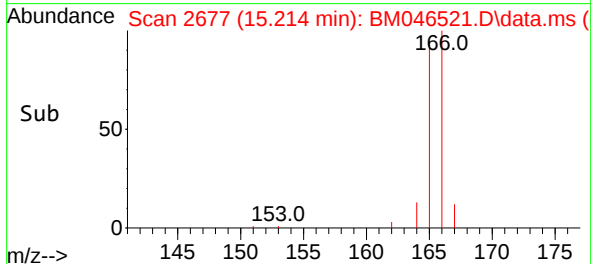
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:166 Resp: 93
Ion Ratio Lower Upper
166 100
165 97.3 76.1 114.1
167 20.3 12.5 18.7

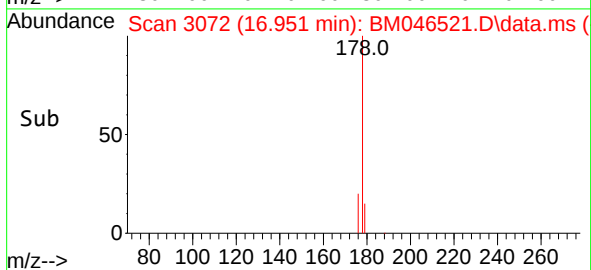
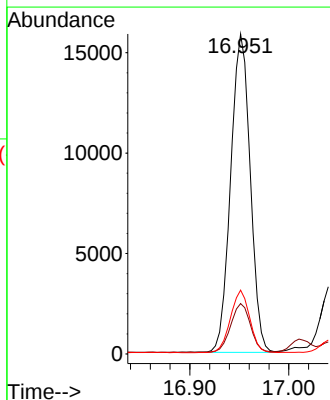
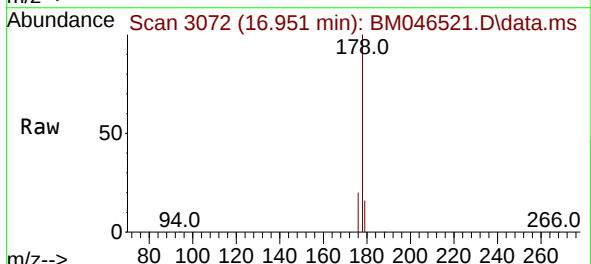
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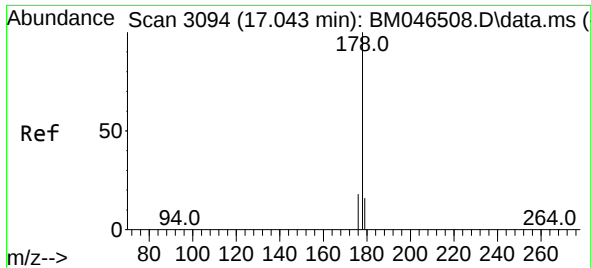
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#15
Phenanthrene
Concen: 0.553 ng/ul
RT: 16.951 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

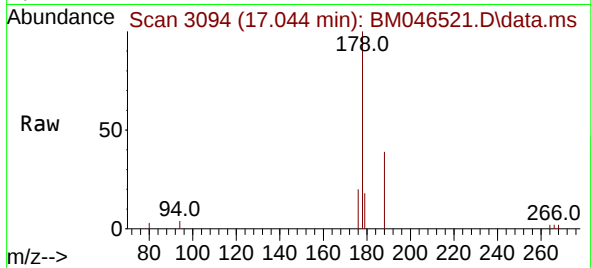
Tgt Ion:178 Resp: 21803
Ion Ratio Lower Upper
178 100
179 15.7 13.1 19.7
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.125 ng/ul
 RT: 17.044 min Scan# 3094
 Delta R.T. 0.001 min
 Lab File: BM046521.D
 Acq: 11 Jul 2024 17:14

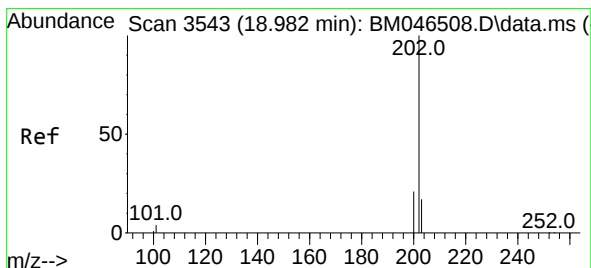
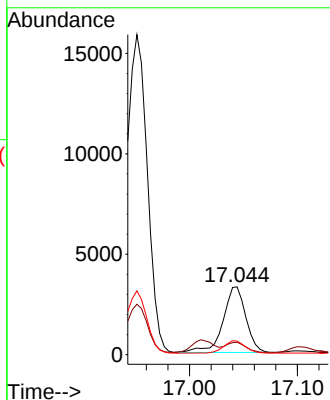
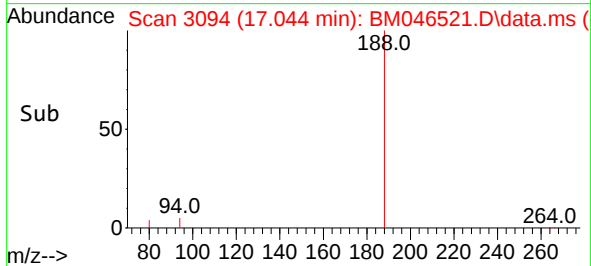
Instrument :
 BNA_M
 ClientSampleId :
 A4CC9



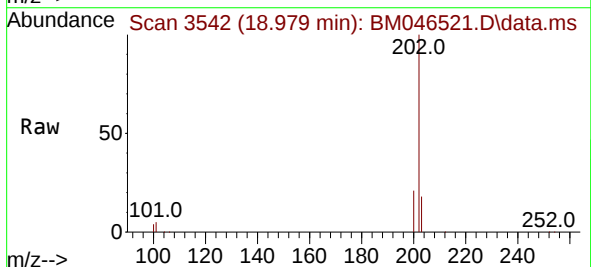
Tgt Ion:178 Resp: 4805
 Ion Ratio Lower Upper
 178 100
 179 18.3 13.5 20.3
 176 20.1 15.7 23.5

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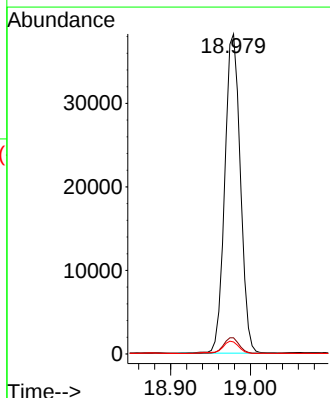
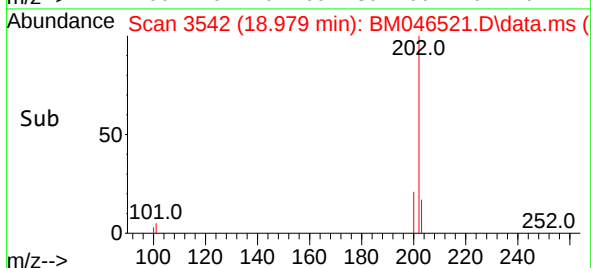
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

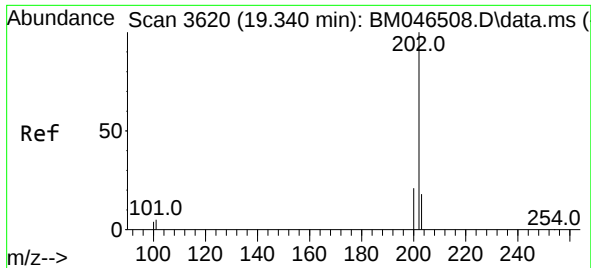


#19
 Fluoranthene
 Concen: 1.101 ng/ul
 RT: 18.979 min Scan# 3542
 Delta R.T. -0.003 min
 Lab File: BM046521.D
 Acq: 11 Jul 2024 17:14



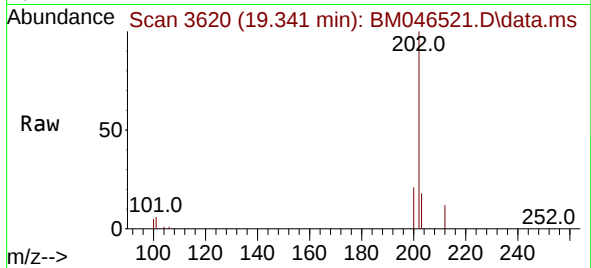
Tgt Ion:202 Resp: 51720
 Ion Ratio Lower Upper
 202 100
 101 5.0 4.6 6.8
 100 3.8 3.0 4.6





#20
Pyrene
Concen: 0.852 ng/ul
RT: 19.341 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

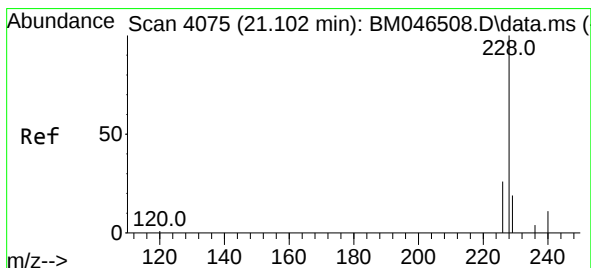
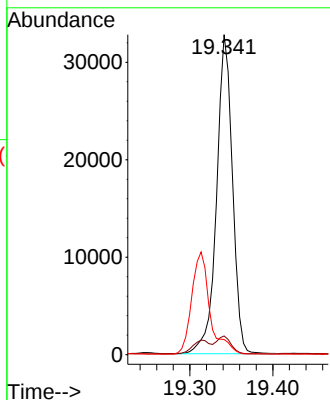
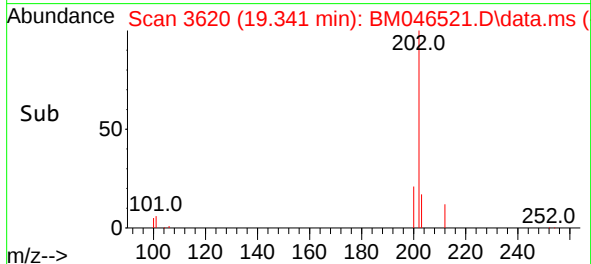
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:202 Resp: 4332
Ion Ratio Lower Upper
202 100
101 5.9 5.1 7.7
100 4.7 3.8 5.6

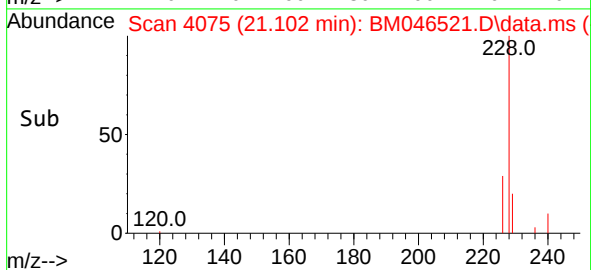
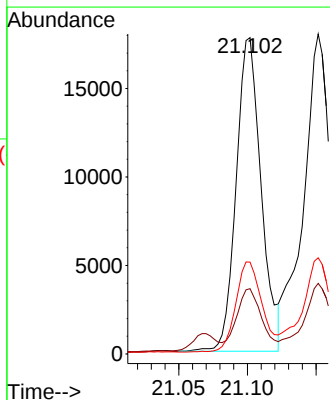
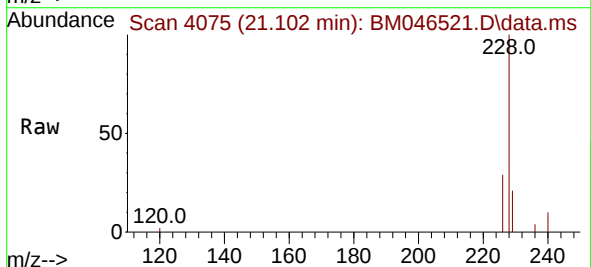
Manual Integrations
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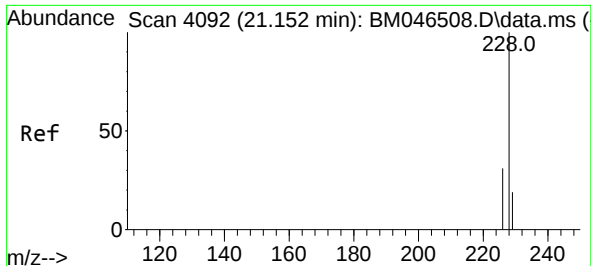
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

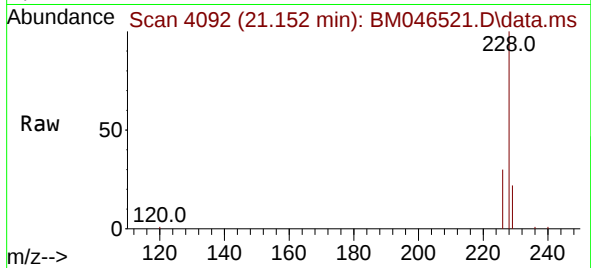
Tgt Ion:228 Resp: 22452
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 29.0 22.5 33.7





#22
Chrysene
Concen: 0.505 ng/ul
RT: 21.152 min Scan# 4092
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

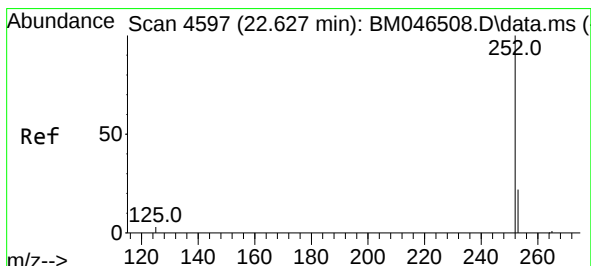
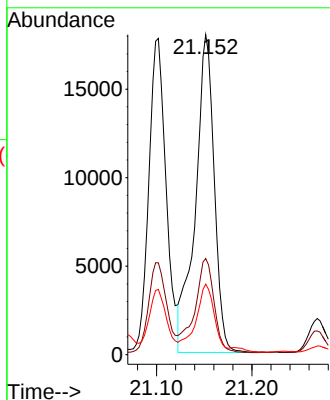
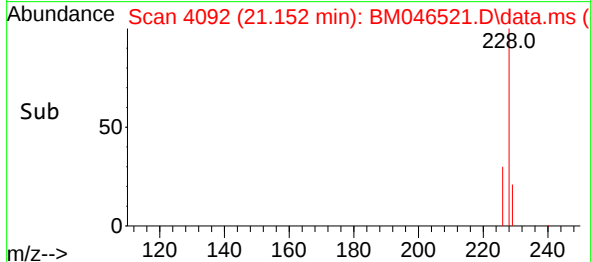
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:228 Resp: 2473
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 22.1 16.4 24.6

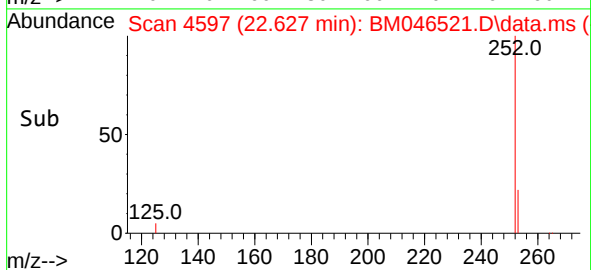
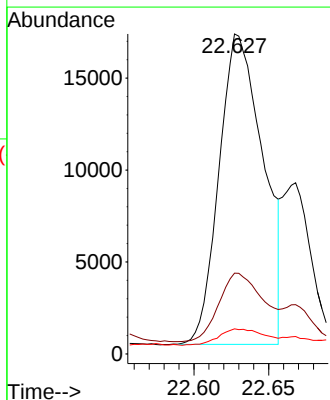
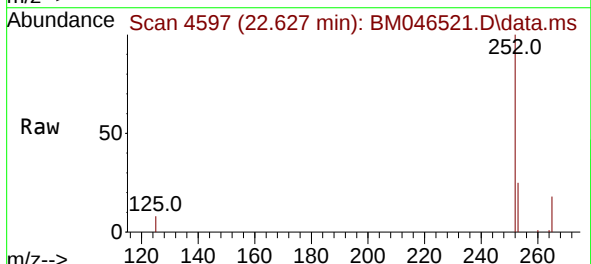
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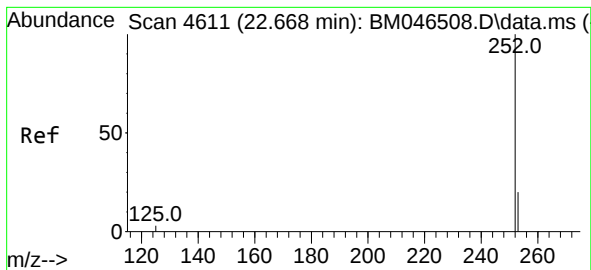
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#24
Benzo(b)fluoranthene
Concen: 0.703 ng/ul m
RT: 22.627 min Scan# 4597
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

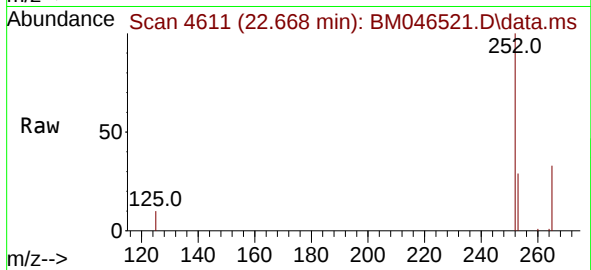
Tgt Ion:252 Resp: 34714
Ion Ratio Lower Upper
252 100
253 25.2 0.0 56.2
125 7.9 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.243 ng/ul m
RT: 22.668 min Scan# 4611
Delta R.T. -0.000 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

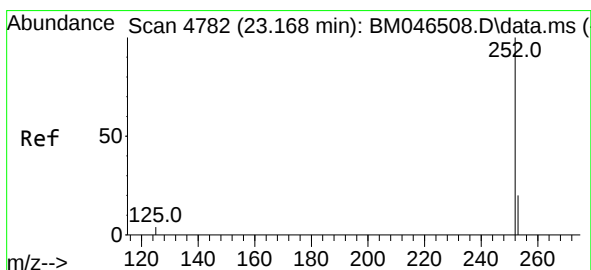
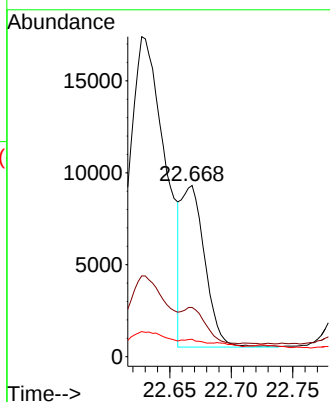
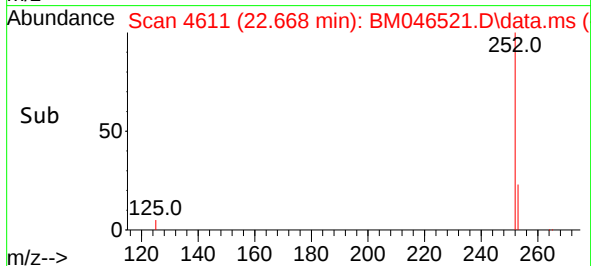
Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:252 Resp: 11762
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 10.2 7.0 10.4

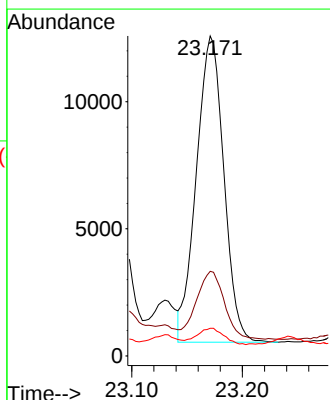
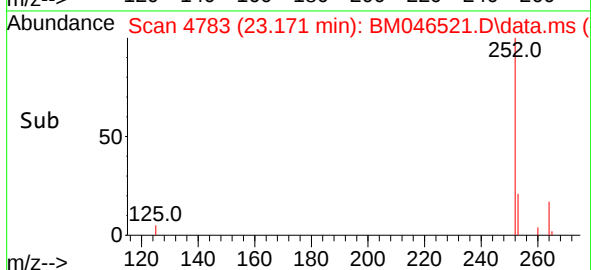
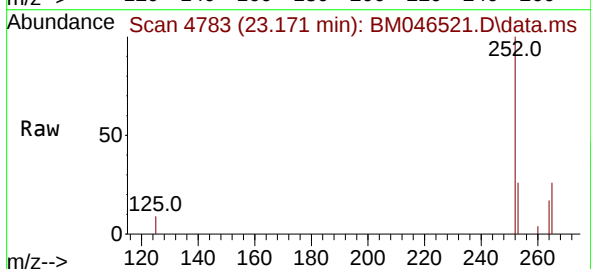
Manual Integrations
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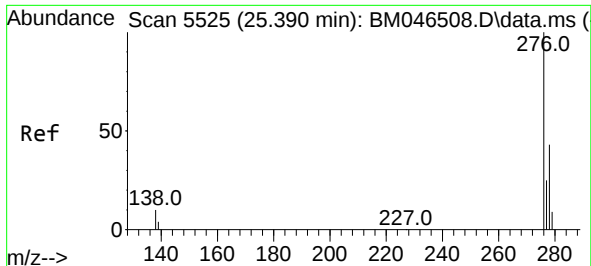
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024



#26
Benzo(a)pyrene
Concen: 0.511 ng/ul
RT: 23.171 min Scan# 4783
Delta R.T. 0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

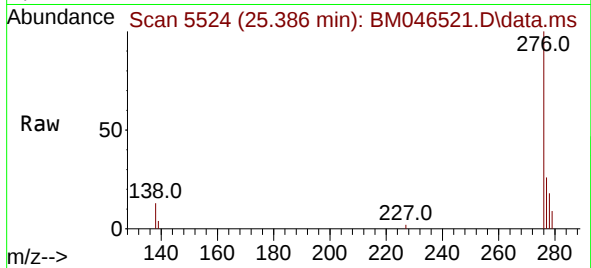
Tgt Ion:252 Resp: 20770
Ion Ratio Lower Upper
252 100
253 26.4 24.0 36.0
125 8.7 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 25.386 min Scan# 5524
Delta R.T. -0.004 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

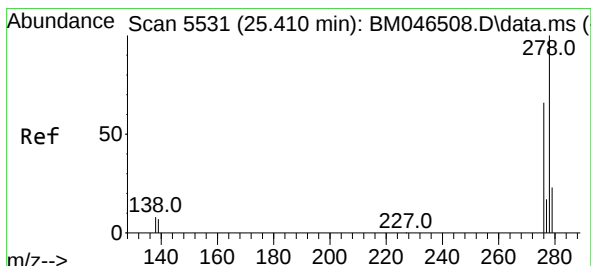
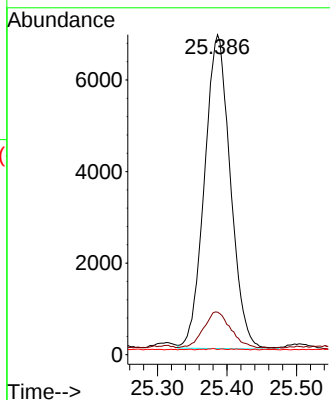
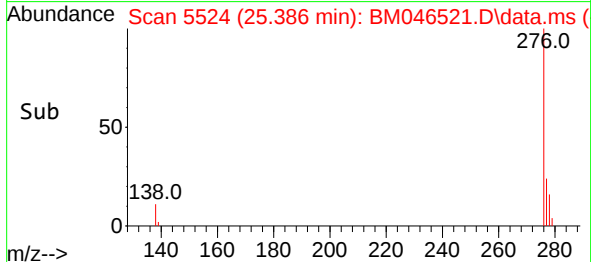
Instrument :
BNA_M
ClientSampleId :
A4CC9



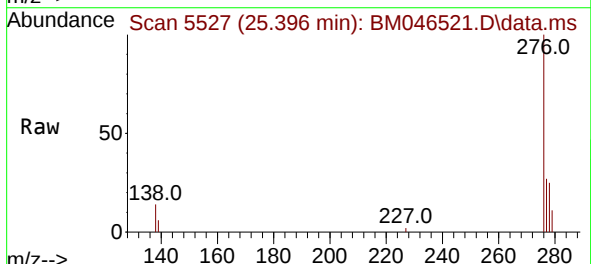
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Ion Ratio Lower Upper
276 100
138 11.9 0.0 0.0#
227 0.1 0.2 0.2#

Manual Integrations
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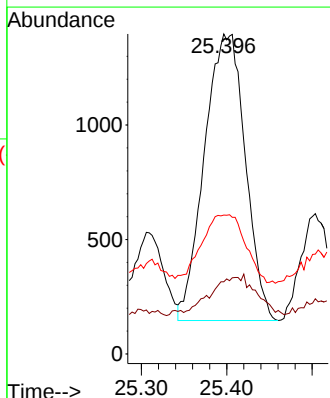
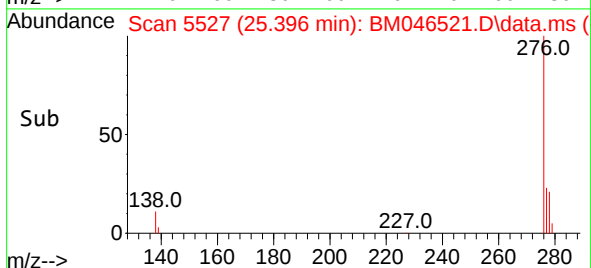
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

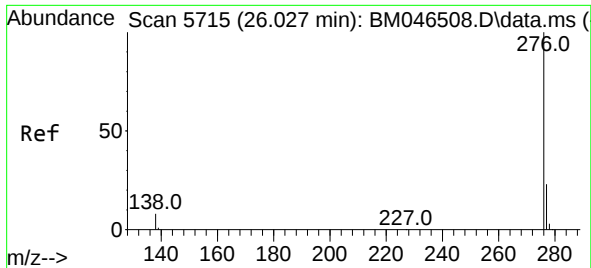


#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 25.396 min Scan# 5527
Delta R.T. -0.014 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14



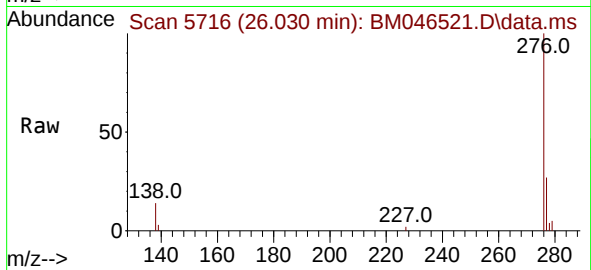
Tgt Ion:278 Resp: 4158
Ion Ratio Lower Upper
278 100
139 22.5 9.1 13.7#
279 43.4 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.030 min Scan# 5716
Delta R.T. 0.003 min
Lab File: BM046521.D
Acq: 11 Jul 2024 17:14

Instrument :
BNA_M
ClientSampleId :
A4CC9



Tgt Ion:276 Resp: 17318
Ion Ratio Lower Upper
276 100
138 14.2 10.2 15.4
277 26.9 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

