

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046588.D
 Acq On : 13 Jul 2024 18:44
 Operator : MA/JU
 Sample : P3035-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CX8

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 09:57:27 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	7.506	152	3350	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9291	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.151	164	5810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	12392	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	9671	0.400	ng/ul	0.00
23) Perylene-d12	23.250	264	10176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	5088	1.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	2655	0.177	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	6281	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.864	152	1066	0.040	ng/ul#	87
11) Acenaphthene	14.211	153	376	0.021	ng/ul#	84
15) Phenanthrene	16.943	178	7819	0.221	ng/ul	99
16) Anthracene	17.036	178	1718	0.050	ng/ul#	90
19) Fluoranthene	18.970	202	17566	0.442	ng/ul#	97
20) Pyrene	19.337	202	16480	0.383	ng/ul	98
21) Benzo(a)anthracene	21.093	228	8086	0.189	ng/ul	95
22) Chrysene	21.146	228	8891	0.215	ng/ul	96
24) Benzo(b)fluoranthene	22.619	252	11709m	0.288	ng/ul	
25) Benzo(k)fluoranthene	22.654	252	4148m	0.104	ng/ul	
26) Benzo(a)pyrene	23.159	252	7397	0.221	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.370	276	6260	0.123	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.373	278	1523	0.038	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276	6179	0.152	ng/ul#	88

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

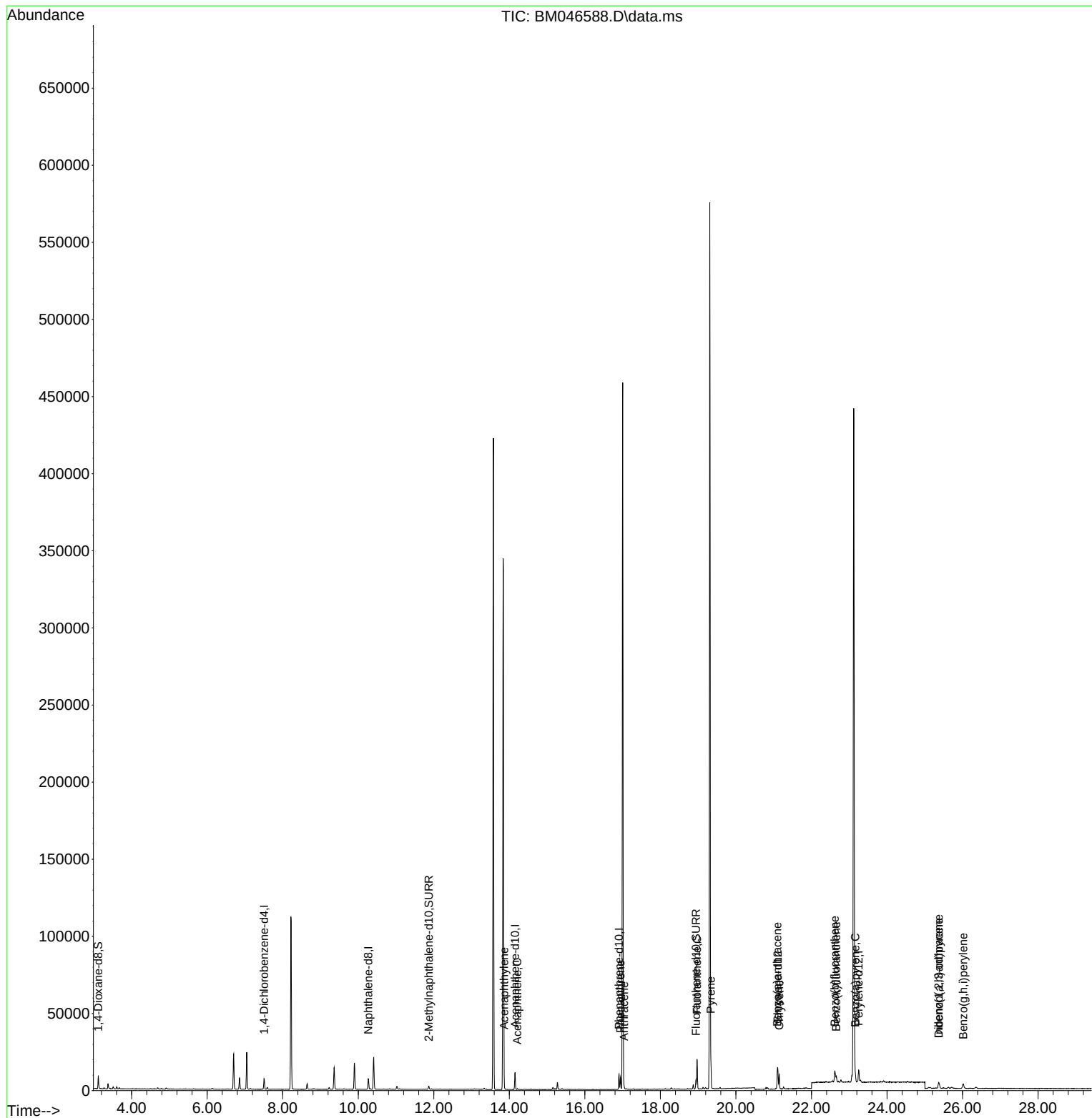
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046588.D
Acq On : 13 Jul 2024 18:44
Operator : MA/JU
Sample : P3035-10
Misc :
ALS Vial : 52 Sample Multiplier: 1

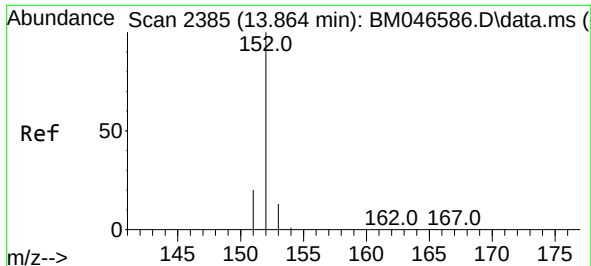
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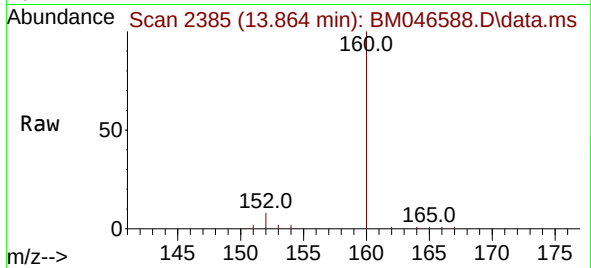
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

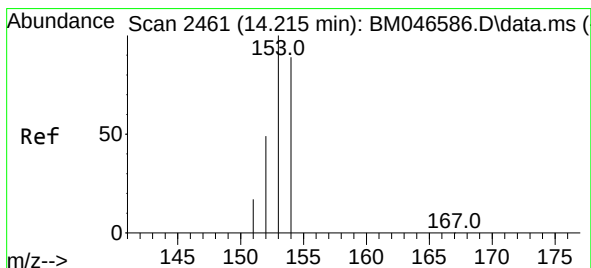
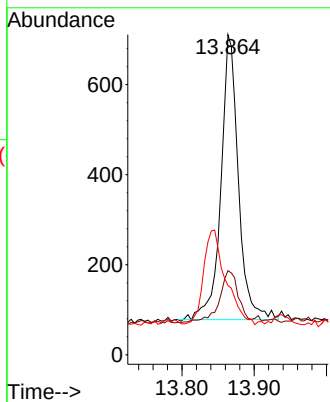
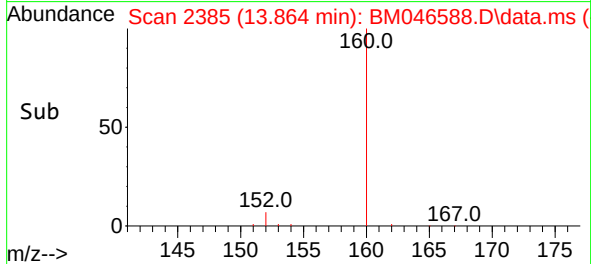
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:152 Resp: 1060
Ion Ratio Lower Upper
152 100
151 26.3 16.4 24.6
153 21.7 12.4 18.6

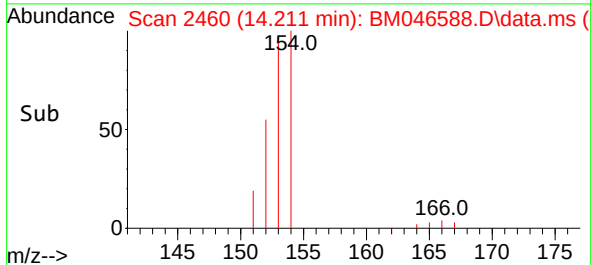
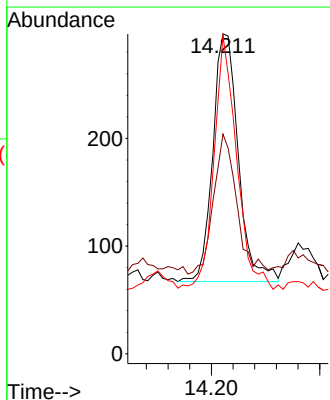
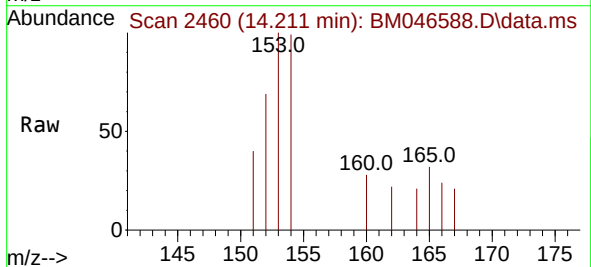
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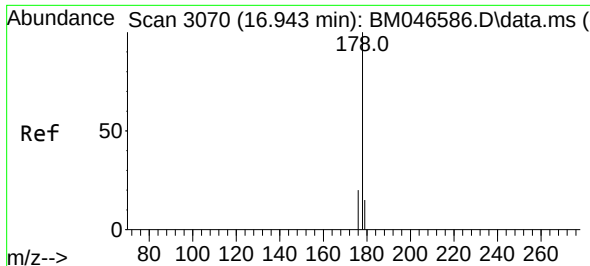
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

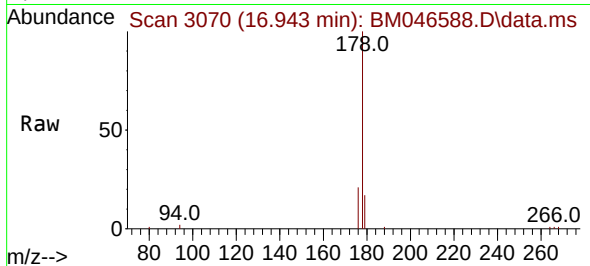
Tgt Ion:153 Resp: 376
Ion Ratio Lower Upper
153 100
152 68.7 43.0 64.6
154 99.3 69.9 104.9





#15
Phenanthrene
Concen: 0.221 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

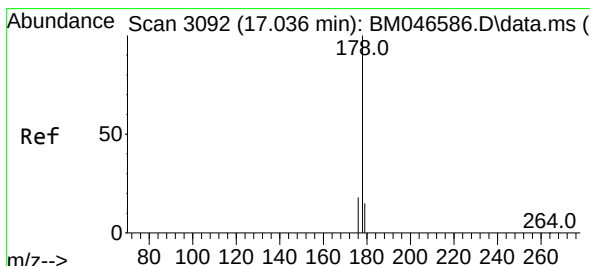
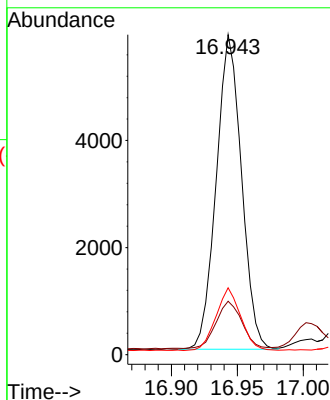
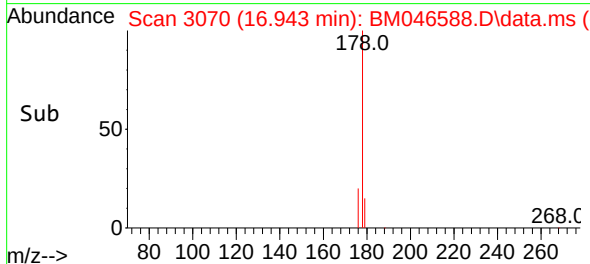
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 7819
Ion Ratio Lower Upper
178 100
179 16.7 13.1 19.7
176 20.9 16.0 24.0

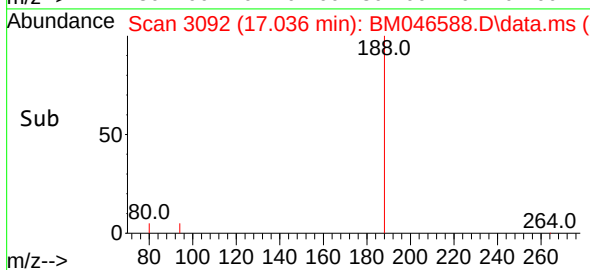
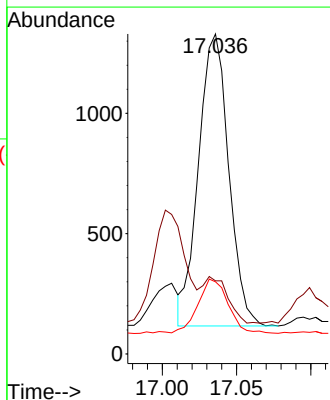
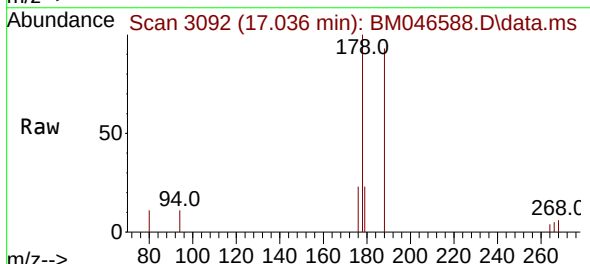
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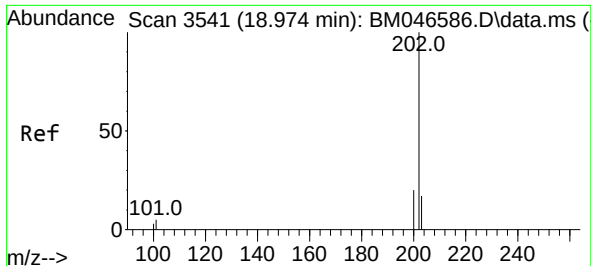
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

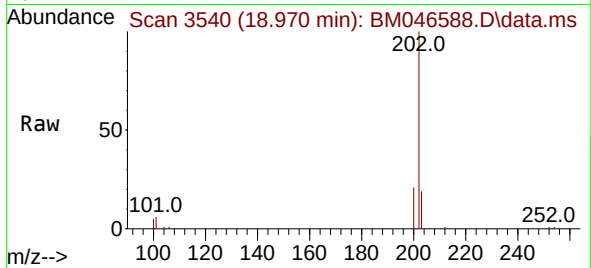
Tgt Ion:178 Resp: 1718
Ion Ratio Lower Upper
178 100
179 22.9 13.5 20.3#
176 22.6 15.7 23.5





#19
Fluoranthene
Concen: 0.442 ng/u1
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

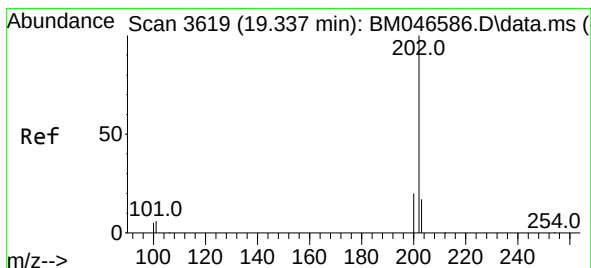
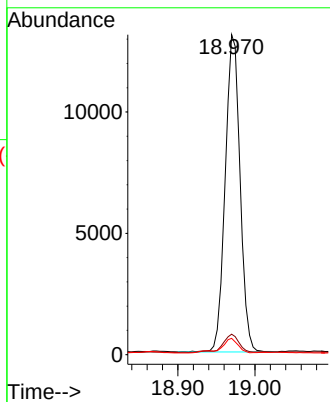
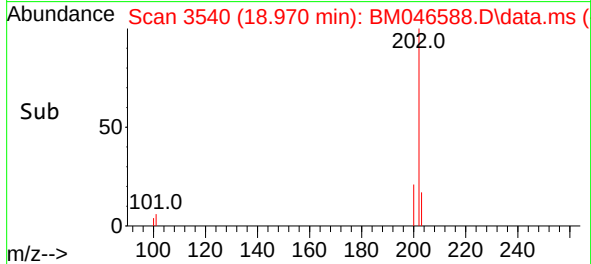
Instrument :
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ClientSampleId :
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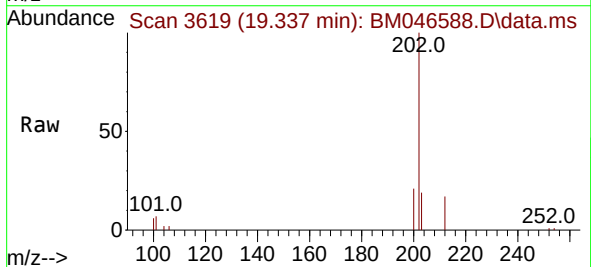
Tgt Ion:202 Resp: 17560
Ion Ratio Lower Upper
202 100
101 6.4 4.6 6.8
100 5.1 3.0 4.6

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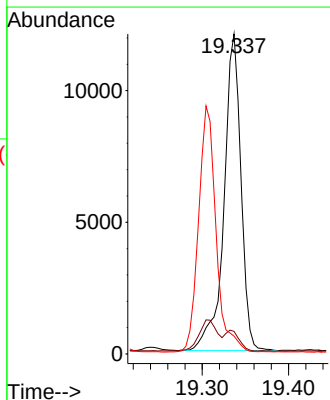
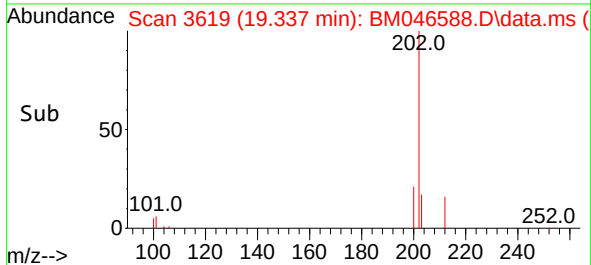
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

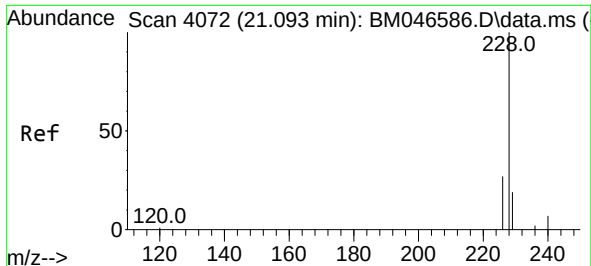


#20
Pyrene
Concen: 0.383 ng/u1
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44



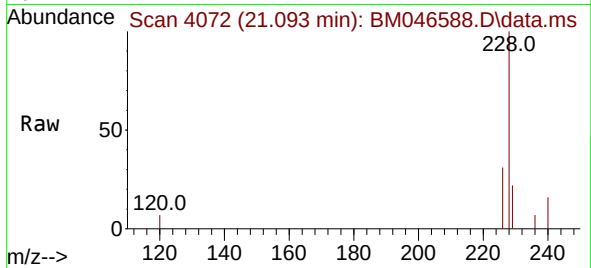
Tgt Ion:202 Resp: 16480
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 5.6 3.8 5.6





#21
Benzo(a)anthracene
Concen: 0.189 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

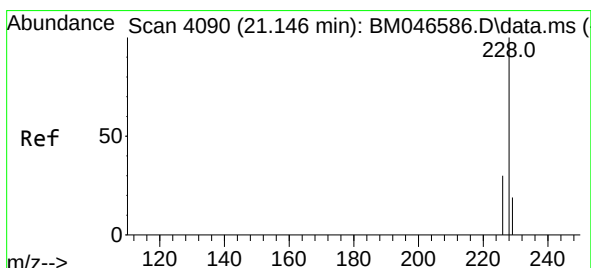
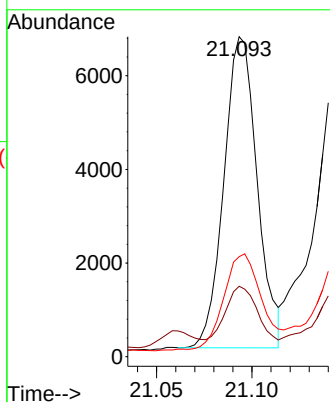
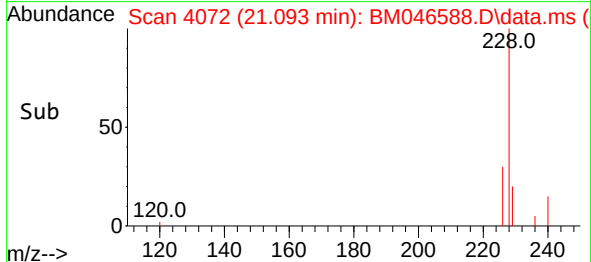
Instrument :
BNA_M
ClientSampleId :
A4CX8



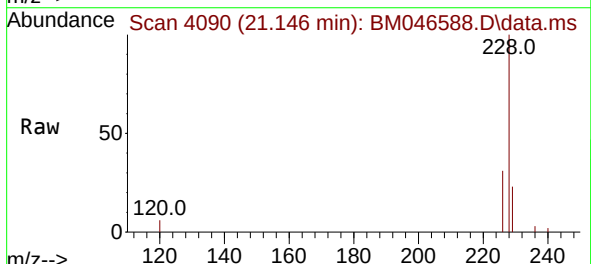
Tgt Ion:228 Resp: 8080
Ion Ratio Lower Upper
228 100
229 22.0 16.5 24.7
226 31.3 22.5 33.7

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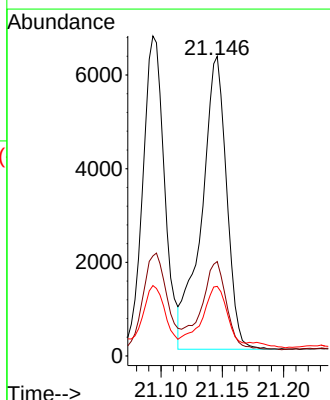
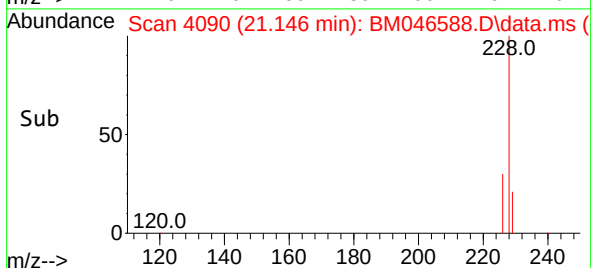
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

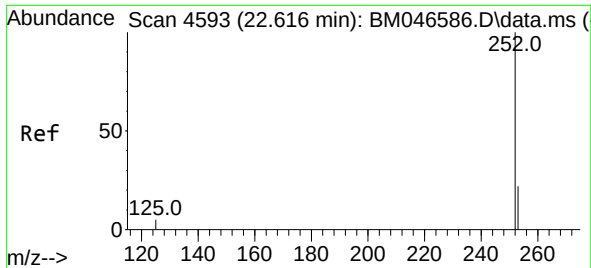


#22
Chrysene
Concen: 0.215 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.006 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44



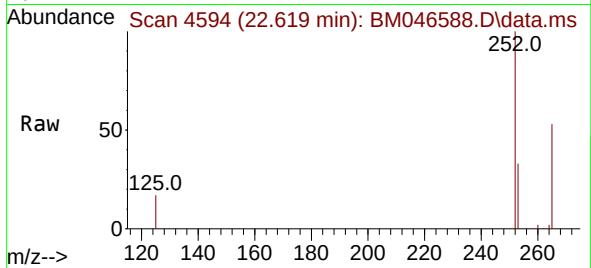
Tgt Ion:228 Resp: 8891
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 23.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. 0.009 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

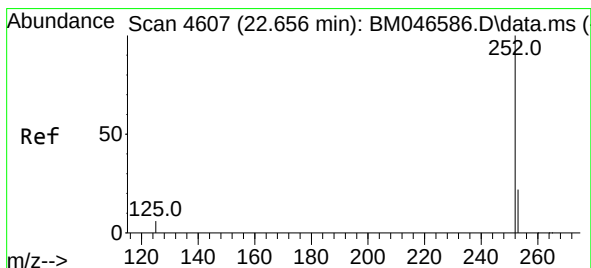
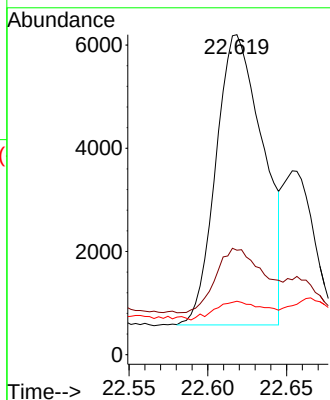
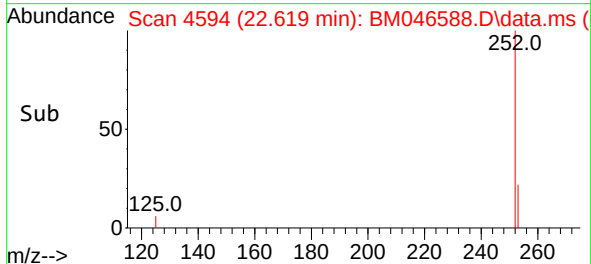
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:252 Resp: 11709
Ion Ratio Lower Upper
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253 32.6 0.0 56.2
125 16.7 0.0 17.8

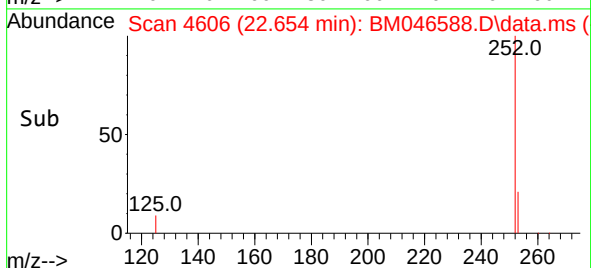
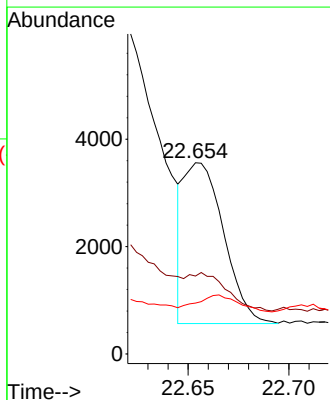
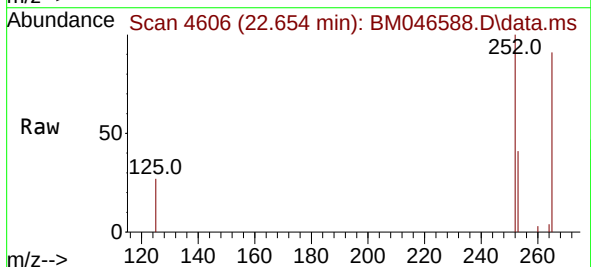
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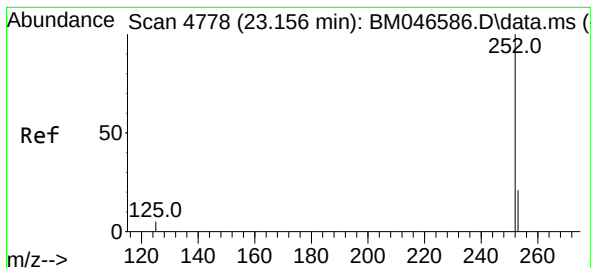
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

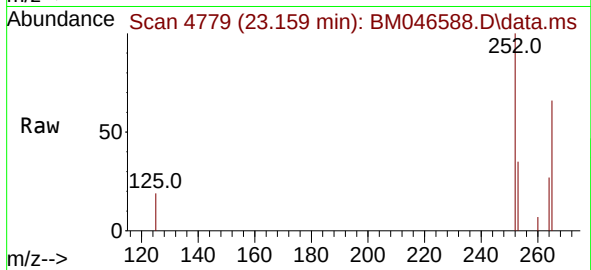
Tgt Ion:252 Resp: 4148
Ion Ratio Lower Upper
252 100
253 40.8 22.4 33.6#
125 26.6 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 0.221 ng/ul
RT: 23.159 min Scan# 4779
Delta R.T. 0.009 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

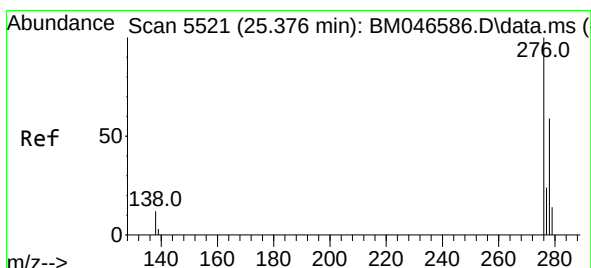
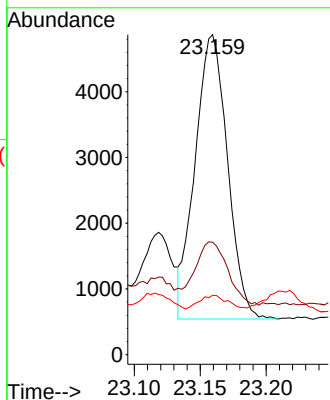
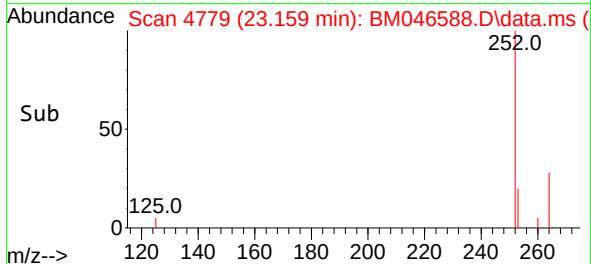
Instrument :
BNA_M
ClientSampleId :
A4CX8



Tgt Ion:252 Resp: 7397
Ion Ratio Lower Upper
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253 35.1 24.0 36.0
125 18.5 8.2 12.2

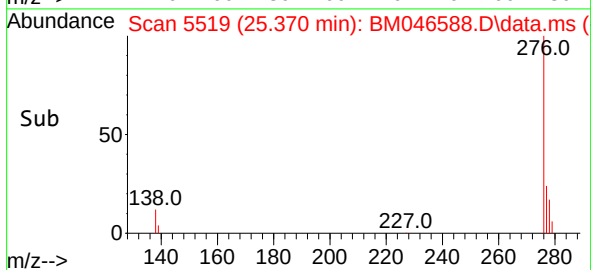
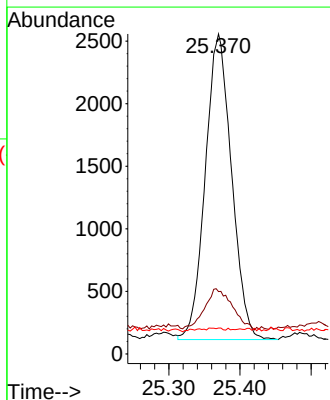
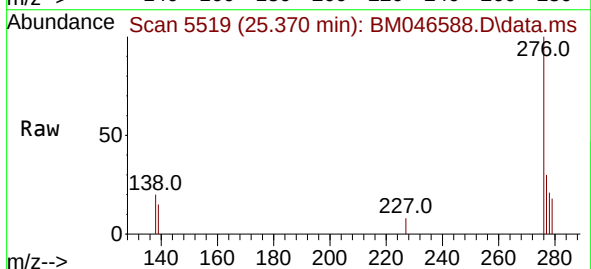
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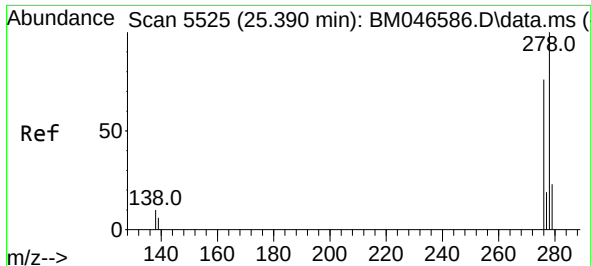
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/ul
RT: 25.370 min Scan# 5519
Delta R.T. 0.010 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

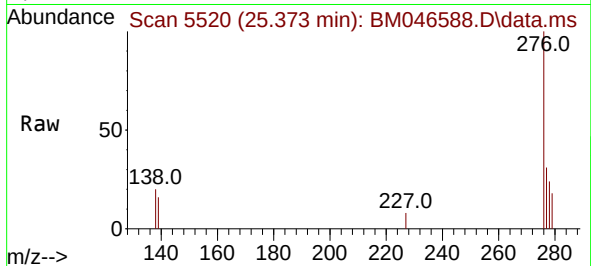
Tgt Ion:276 Resp: 6260
Ion Ratio Lower Upper
276 100
138 14.4 0.0 0.0#
227 0.3 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.373 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44

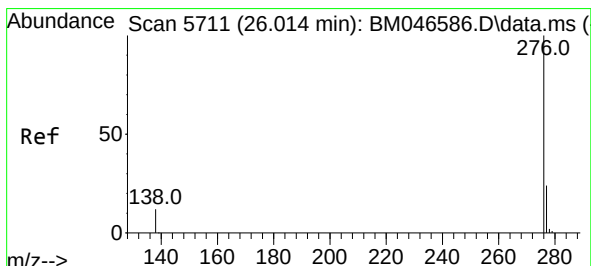
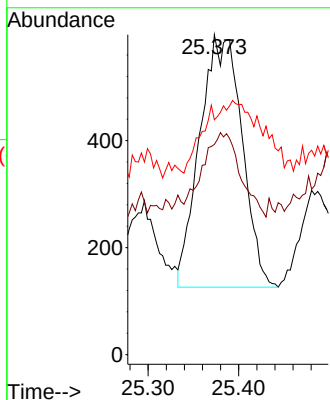
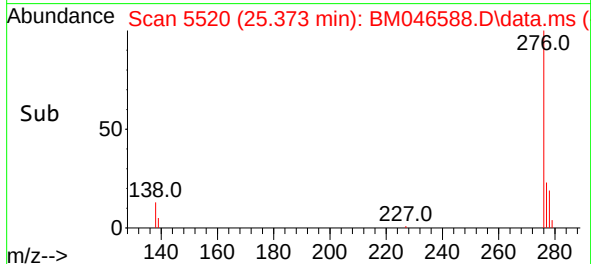
Instrument :
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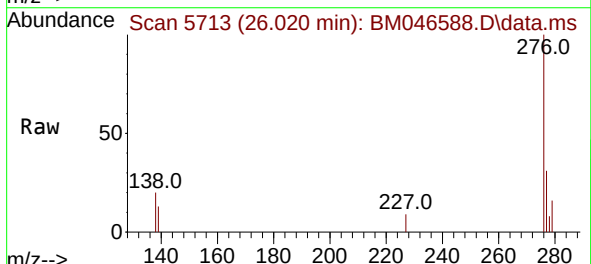
Tgt Ion:278 Resp: 152
Ion Ratio Lower Upper
278 100
139 65.7 9.1 13.7
279 73.4 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046588.D
Acq: 13 Jul 2024 18:44



Tgt Ion:276 Resp: 6179
Ion Ratio Lower Upper
276 100
138 20.1 10.2 15.4
277 30.6 20.9 31.3

