

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046388.D
 Acq On : 05 Jul 2024 18:58
 Operator : MA/JU
 Sample : P3010-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B67

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:10:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	13684	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	8253	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	17246m	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	12443	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	13014m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	17159	3.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	4100	0.203	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	8840	0.203	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.973	178	7147	0.138	ng/ul	99
16) Anthracene	17.065	178	1457	0.029	ng/ul#	86
19) Fluoranthene	18.998	202	11510	0.183	ng/ul	98
20) Pyrene	19.365	202	10810m	0.167	ng/ul	
21) Benzo(a)anthracene	21.120	228	4646	0.084	ng/ul	94
22) Chrysene	21.172	228	4761	0.086	ng/ul	96
24) Benzo(b)fluoranthene	22.659	252	6439m	0.116	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	2280m	0.041	ng/ul	
26) Benzo(a)pyrene	23.203	252	4342	0.099	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.430	276	3231	0.055	ng/ul#	92
29) Benzo(g,h,i)perylene	26.081	276	3266	0.069	ng/ul#	90

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

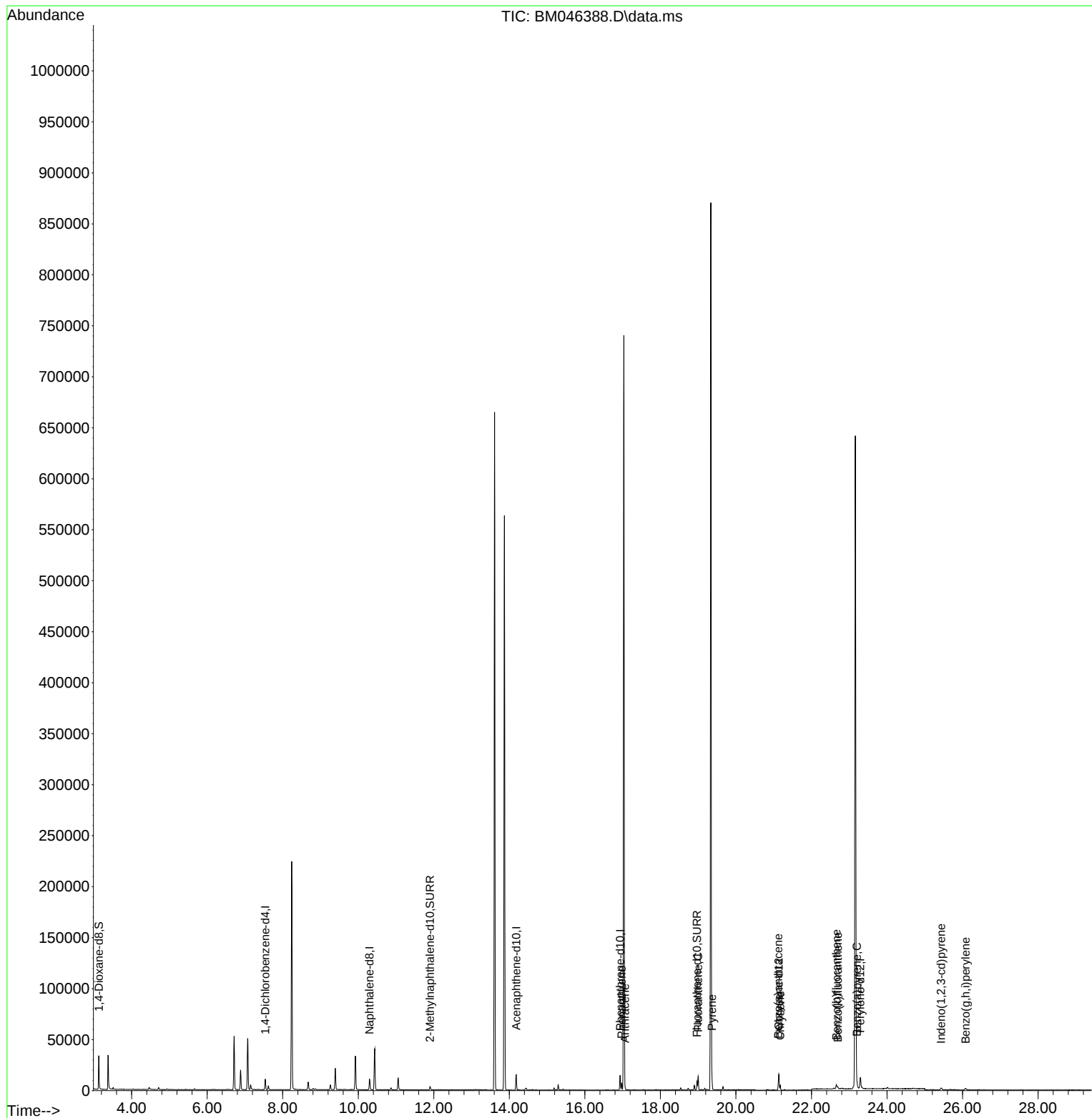
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046388.D
Acq On : 05 Jul 2024 18:58
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ALS Vial : 12 Sample Multiplier: 1

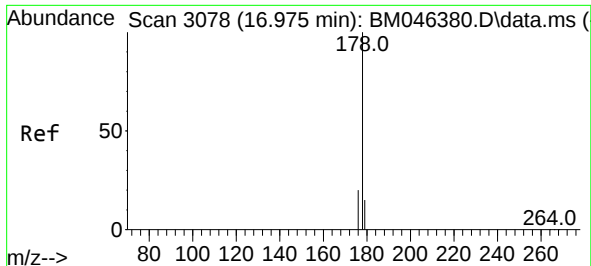
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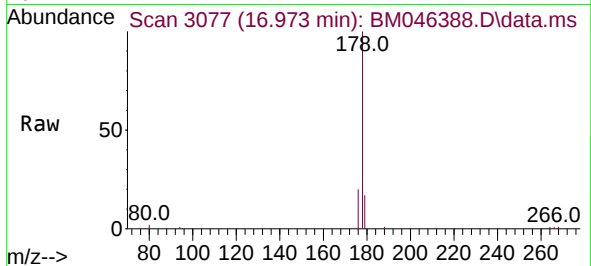
Quant Time: Jul 05 23:10:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.138 ng/u1
RT: 16.973 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

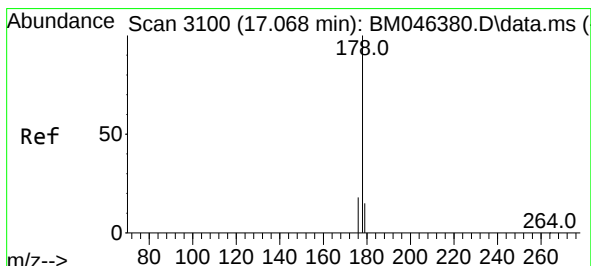
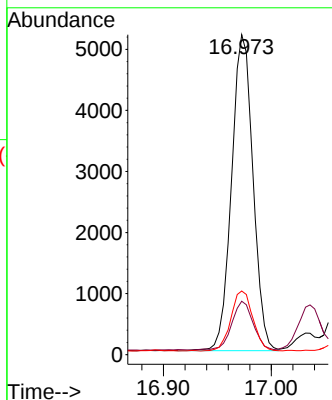
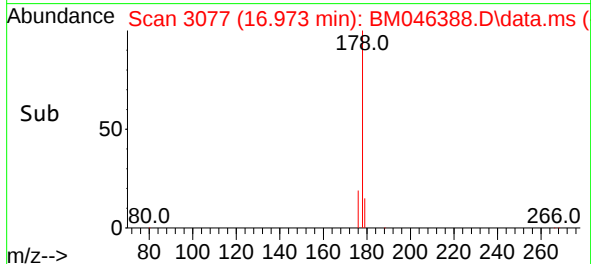
Instrument :
BNA_M
ClientSampleId :
A4B67



Tgt Ion:178 Resp: 714
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 19.9 16.0 24.0

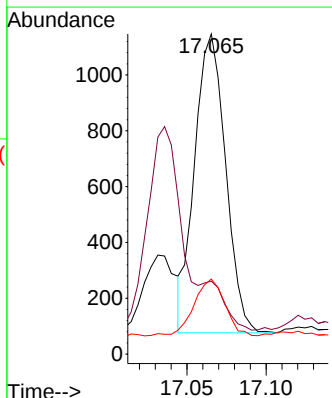
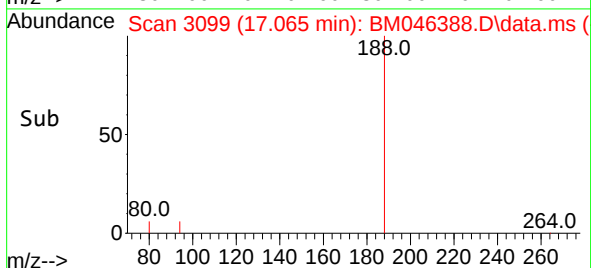
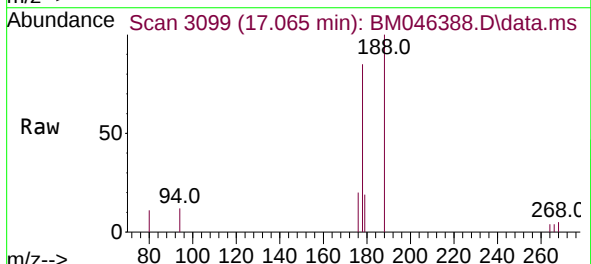
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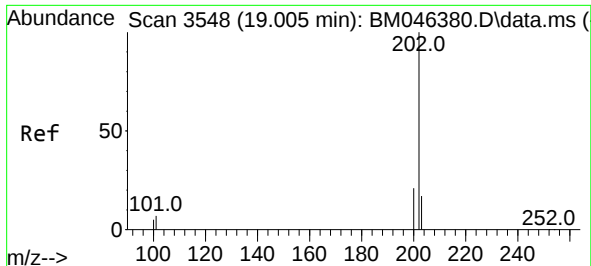
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.029 ng/u1
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

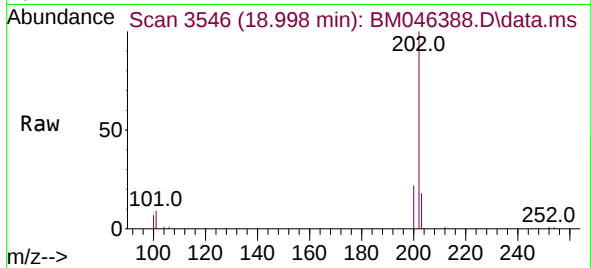
Tgt Ion:178 Resp: 1457
Ion Ratio Lower Upper
178 100
179 22.8 12.6 18.8#
176 23.5 14.9 22.3#





#19
Fluoranthene
Concen: 0.183 ng/ul
RT: 18.998 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

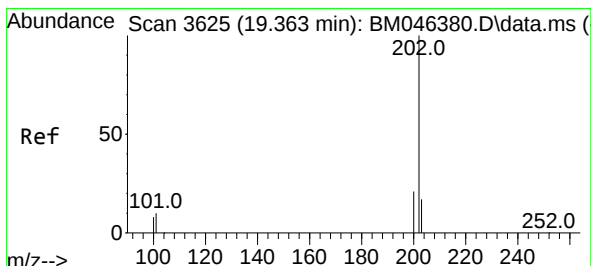
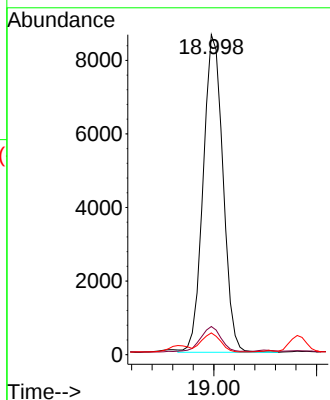
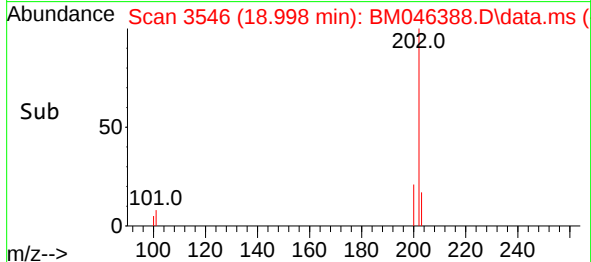
Instrument :
BNA_M
ClientSampleId :
A4B67



Tgt Ion:202 Resp: 11510
Ion Ratio Lower Upper
202 100
101 8.8 6.3 9.5
100 6.8 5.0 7.6

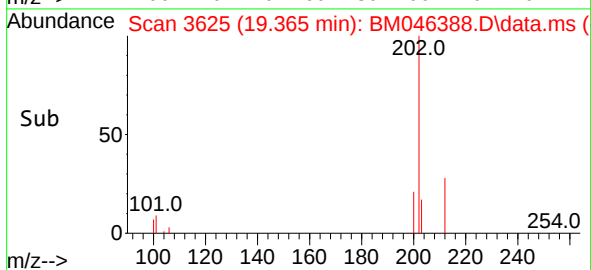
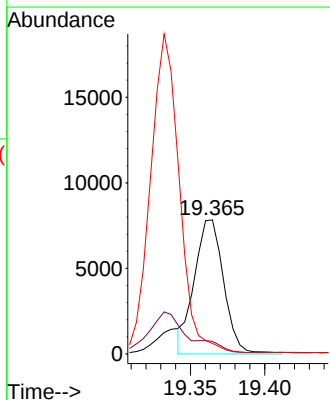
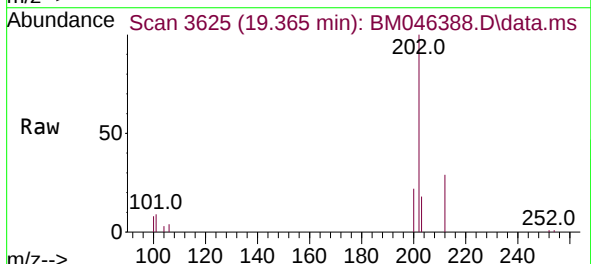
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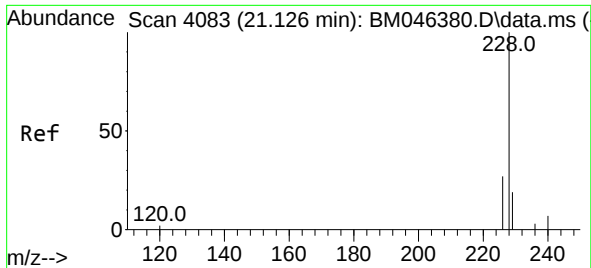
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 0.167 ng/ul m
RT: 19.365 min Scan# 3625
Delta R.T. 0.002 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

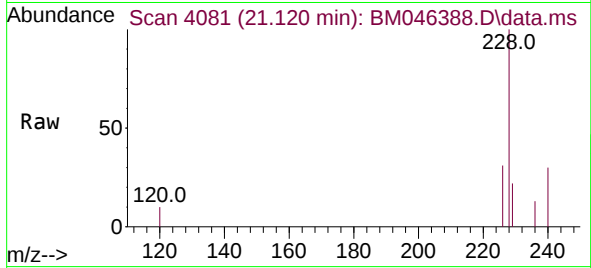
Tgt Ion:202 Resp: 10810
Ion Ratio Lower Upper
202 100
101 9.5 8.2 12.4
100 7.9 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.084 ng/u1
RT: 21.120 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

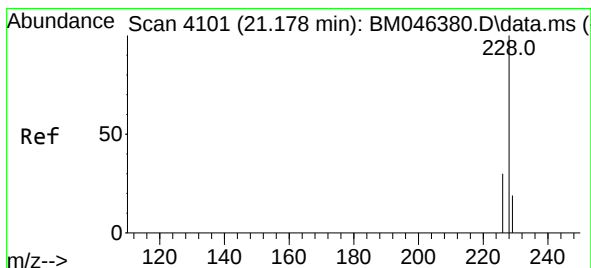
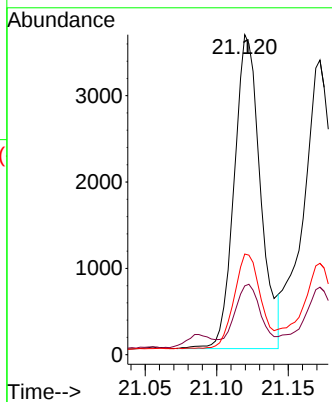
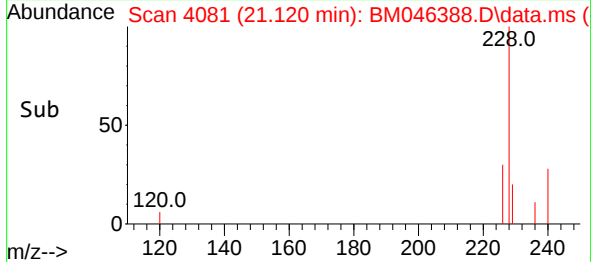
Instrument :
BNA_M
ClientSampleId :
A4B67



Tgt Ion:228 Resp: 4640
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 31.5 22.0 33.0

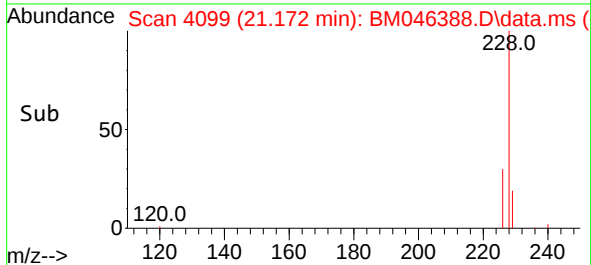
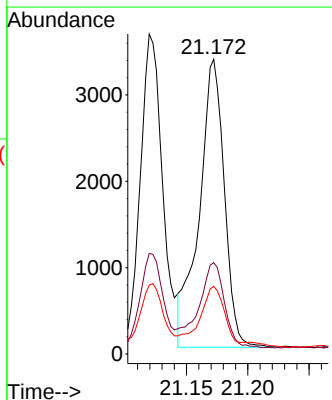
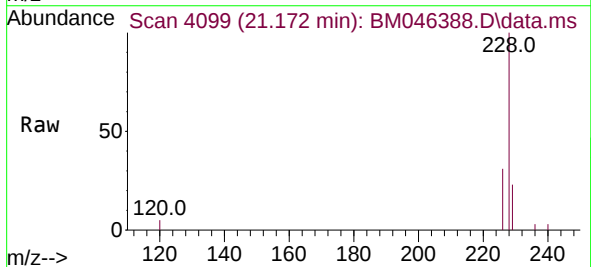
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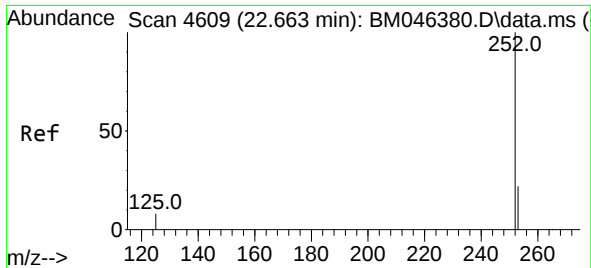
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.086 ng/u1
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

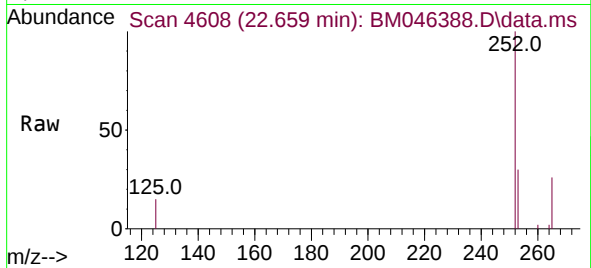
Tgt Ion:228 Resp: 4761
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

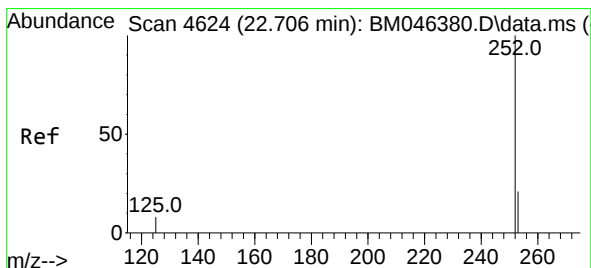
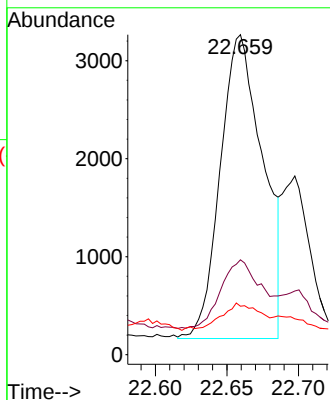
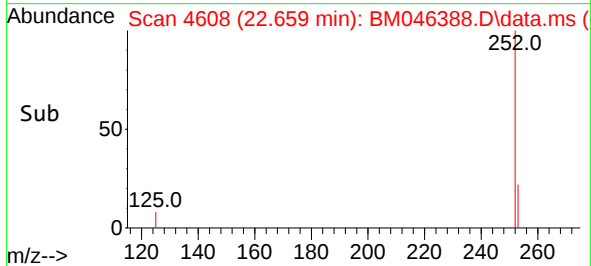
Instrument :
BNA_M
ClientSampleId :
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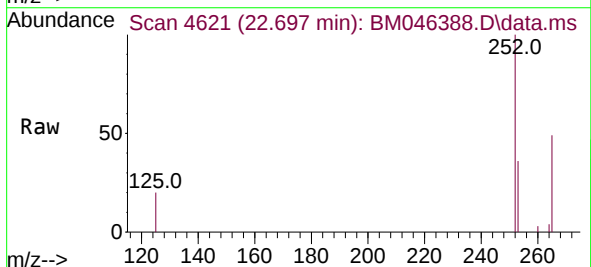
Tgt Ion:252 Resp: 6439
Ion Ratio Lower Upper
252 100
253 29.7 0.0 47.0
125 15.2 0.0 18.4

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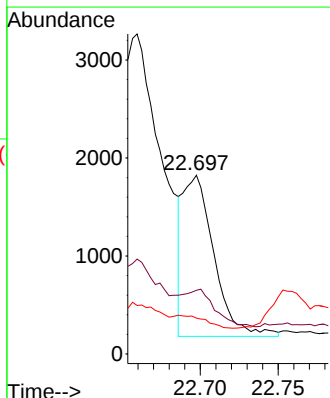
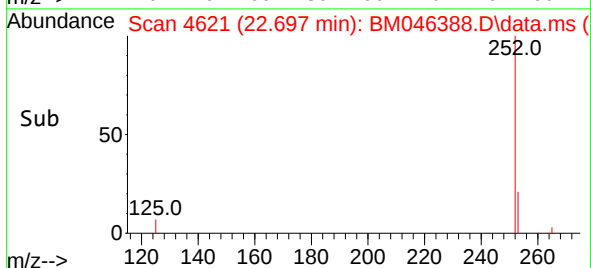
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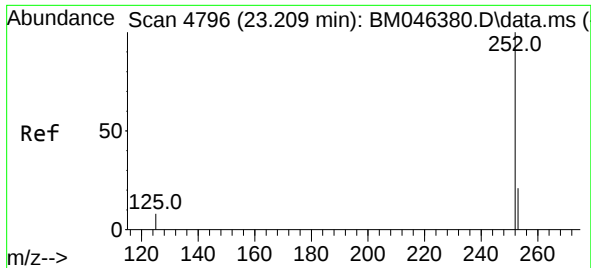


#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58



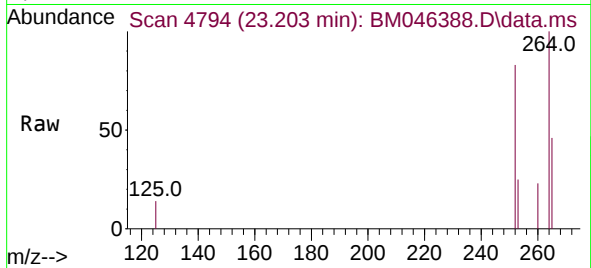
Tgt Ion:252 Resp: 2280
Ion Ratio Lower Upper
252 100
253 35.6 18.4 27.6#
125 20.1 7.5 11.3#





#26
Benzo(a)pyrene
Concen: 0.099 ng/ul
RT: 23.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

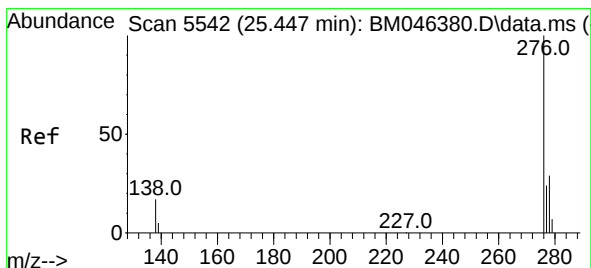
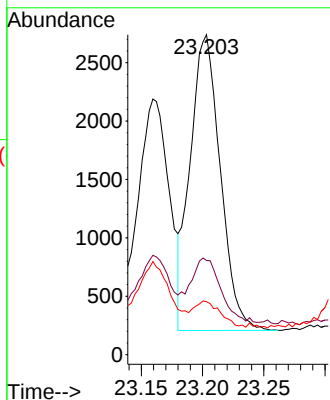
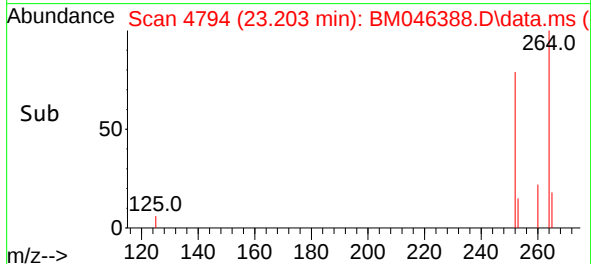
Instrument :
BNA_M
ClientSampleId :
A4B67



Tgt Ion:252 Resp: 434
Ion Ratio Lower Upper
252 100
253 29.5 18.9 28.3
125 16.5 8.1 12.1

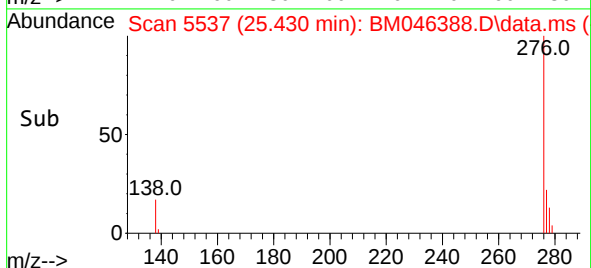
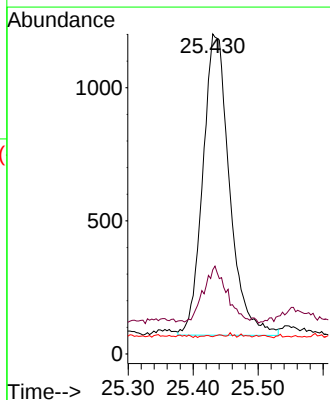
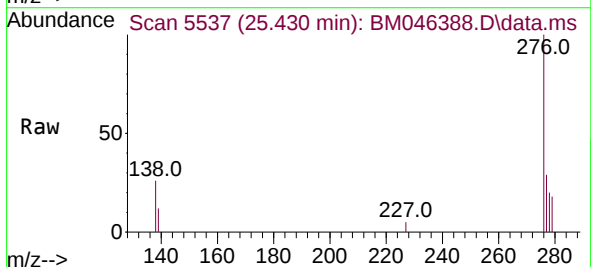
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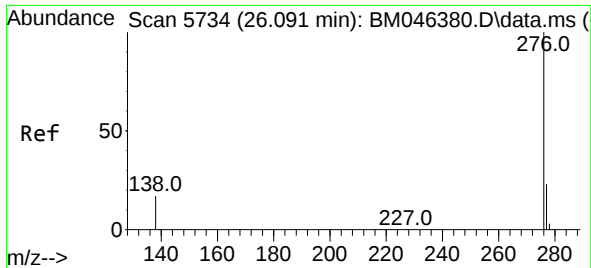
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

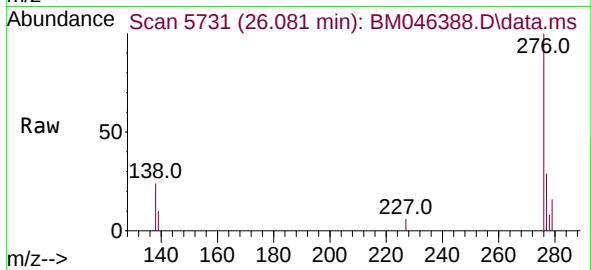
Tgt Ion:276 Resp: 3231
Ion Ratio Lower Upper
276 100
138 16.0 15.7 23.5
227 0.2 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.081 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046388.D
Acq: 05 Jul 2024 18:58

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 3260
Ion Ratio Lower Upper
276 100
138 24.5 15.4 23.0
277 29.1 19.7 29.5

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