

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046387.D
 Acq On : 05 Jul 2024 18:21
 Operator : MA/JU
 Sample : P3010-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW4

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:10:51 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	4964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	14376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	8983	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.934	188	19229m	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	12803	0.400	ng/ul	0.00
23) Perylene-d12	23.297	264	12215m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	17516	3.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	4950	0.233	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	11101	0.248	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.972	178	2073	0.036	ng/ul#	93
19) Fluoranthene	19.002	202	3944	0.061	ng/ul	97
20) Pyrene	19.365	202	3295	0.049	ng/ul#	93
21) Benzo(a)anthracene	21.125	228	1582	0.028	ng/ul#	90
22) Chrysene	21.175	228	1787	0.031	ng/ul#	91
24) Benzo(b)fluoranthene	22.659	252	2215m	0.043	ng/ul	
26) Benzo(a)pyrene	23.203	252	1199	0.029	ng/ul#	60
29) Benzo(g,h,i)perylene	26.087	276	1054	0.024	ng/ul#	63

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

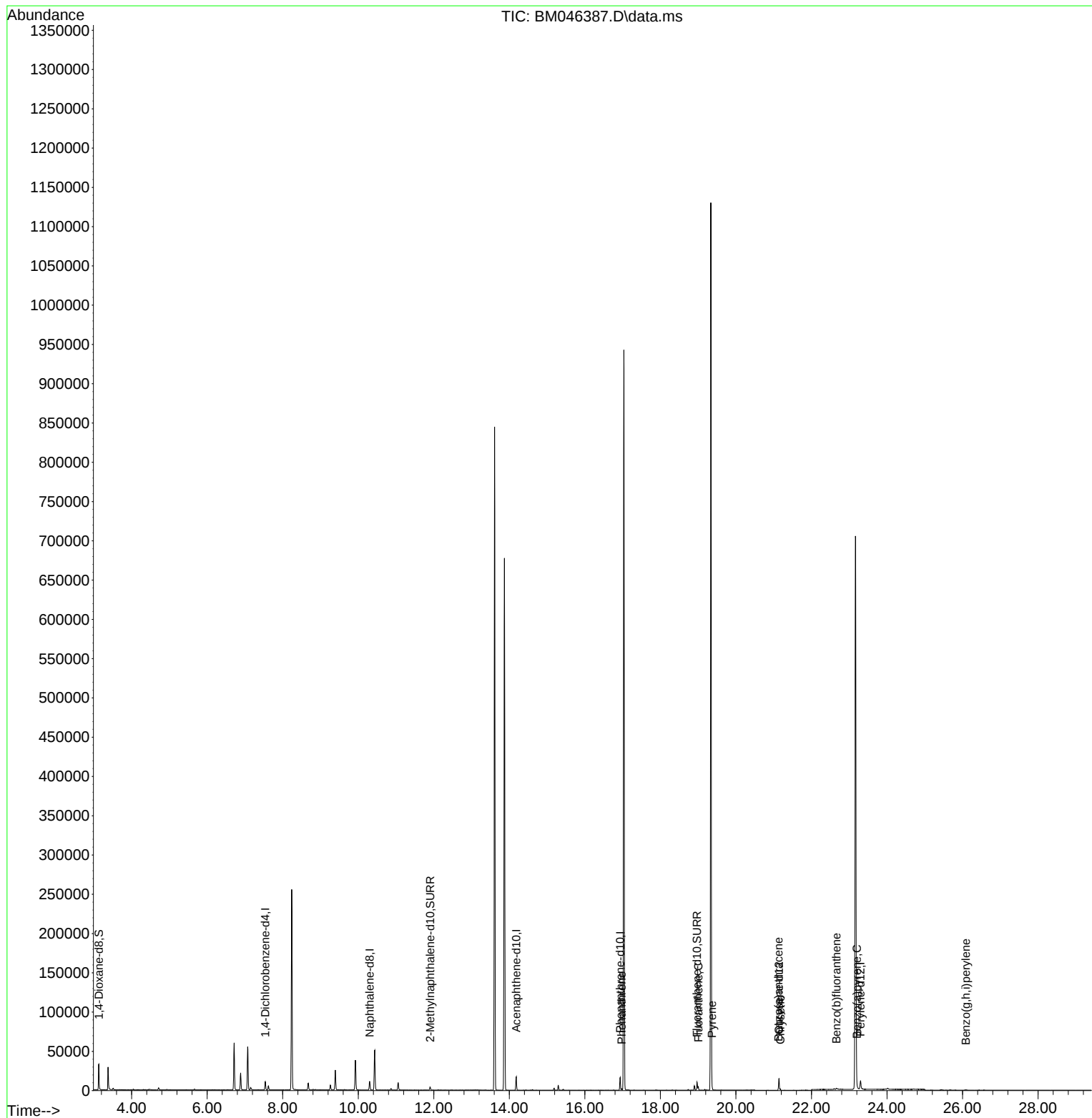
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ALS Vial : 11 Sample Multiplier: 1

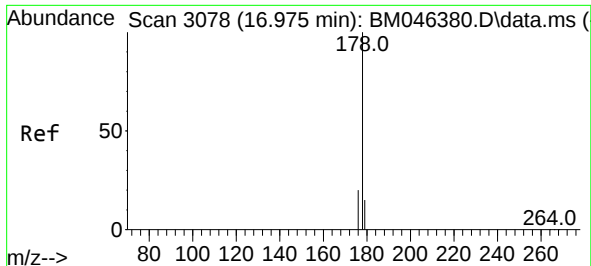
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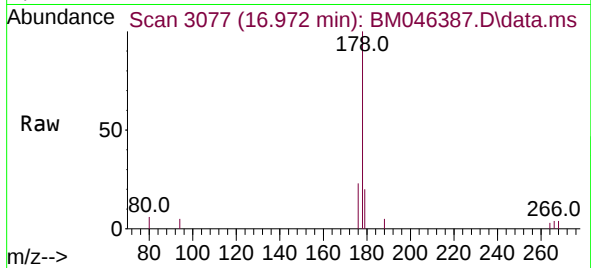
Quant Time: Jul 05 23:10:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.036 ng/ul
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

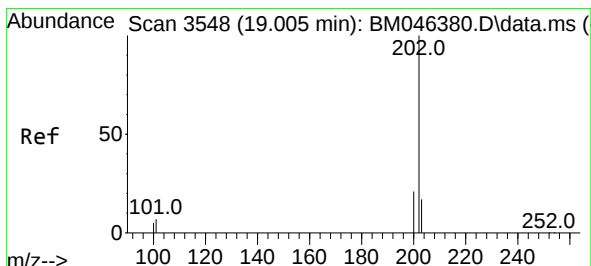
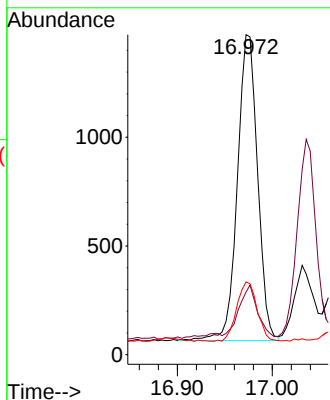
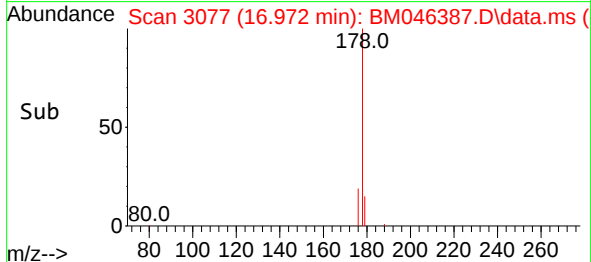
Instrument :
BNA_M
ClientSampleId :
A4CW4



Tgt Ion:178 Resp: 2073
Ion Ratio Lower Upper
178 100
179 19.6 12.7 19.1
176 22.8 16.0 24.0

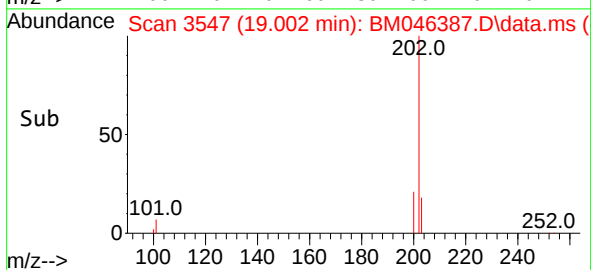
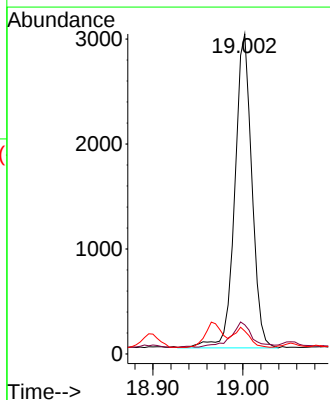
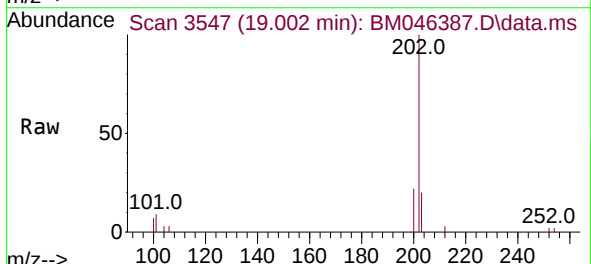
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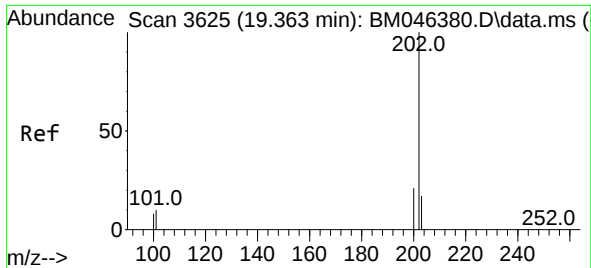
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#19
Fluoranthene
Concen: 0.061 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

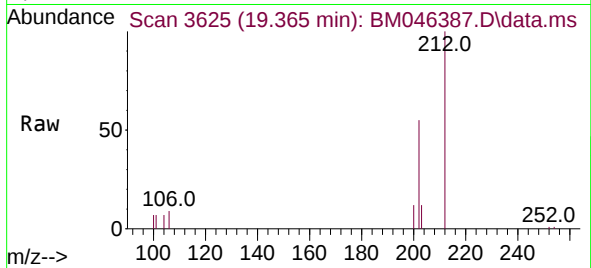
Tgt Ion:202 Resp: 3944
Ion Ratio Lower Upper
202 100
101 9.1 6.3 9.5
100 7.2 5.0 7.6





#20
Pyrene
Concen: 0.049 ng/ul
RT: 19.365 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

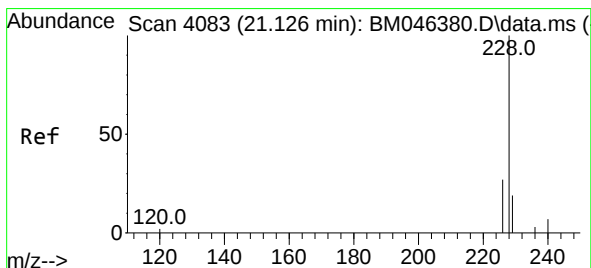
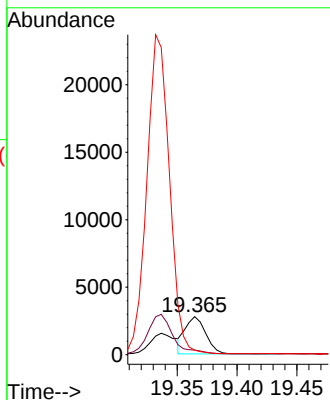
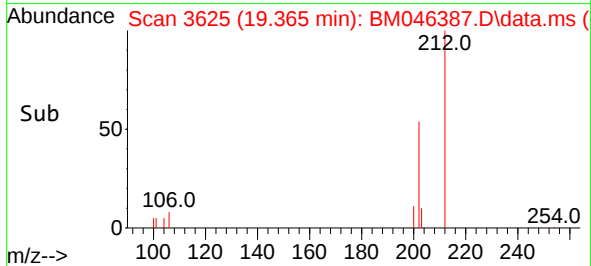
Instrument :
BNA_M
ClientSampleId :
A4CW4



Tgt Ion:202 Resp: 329
Ion Ratio Lower Upper
202 100
101 12.0 8.2 12.4
100 11.9 6.9 10.3

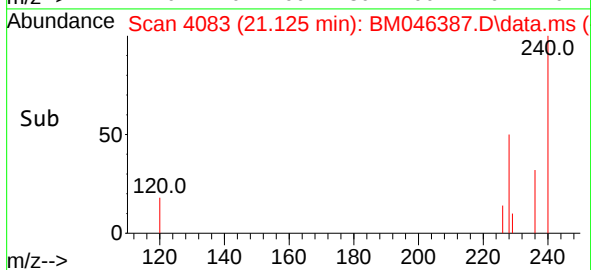
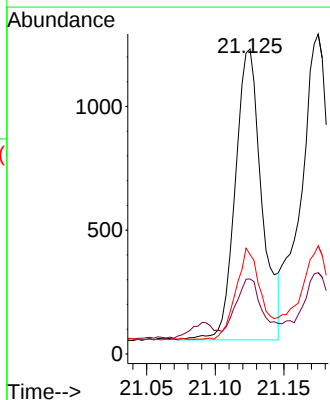
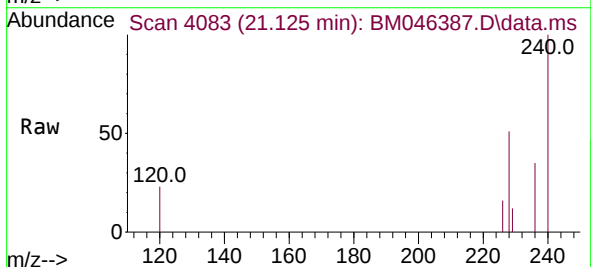
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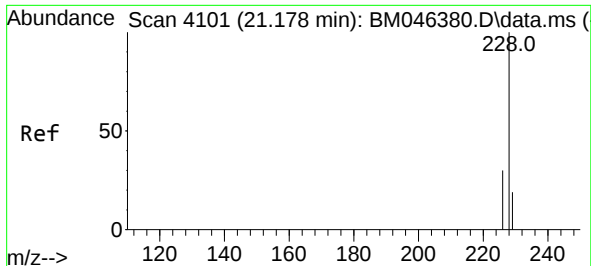
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.125 min Scan# 4083
Delta R.T. -0.000 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

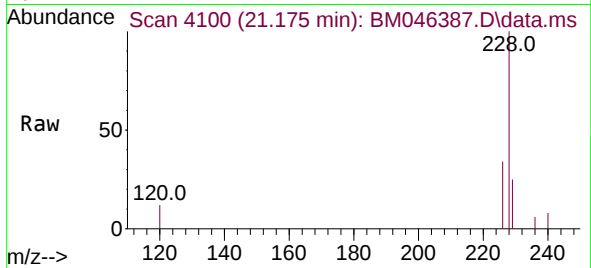
Tgt Ion:228 Resp: 1582
Ion Ratio Lower Upper
228 100
229 24.6 15.8 23.6#
226 32.6 22.0 33.0





#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.175 min Scan# 4101
Delta R.T. -0.003 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

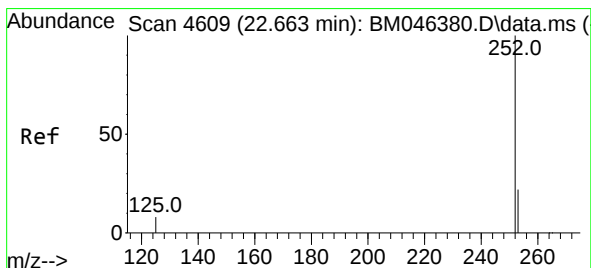
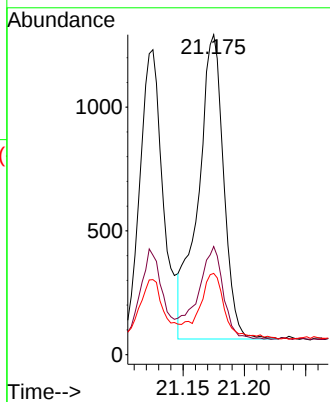
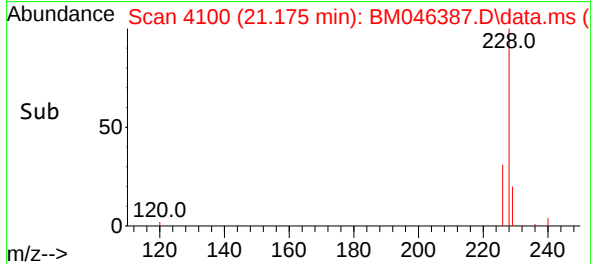
Instrument :
BNA_M
ClientSampleId :
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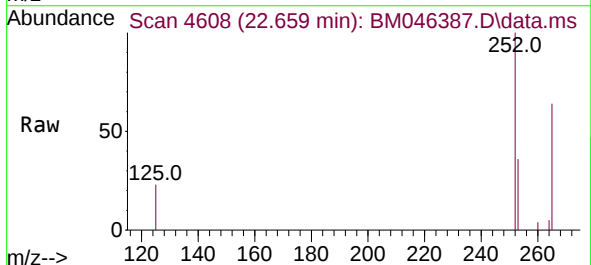
Tgt Ion:228 Resp: 178
Ion Ratio Lower Upper
228 100
226 33.8 24.1 36.1
229 25.4 15.8 23.6

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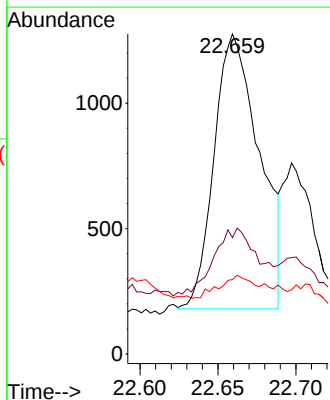
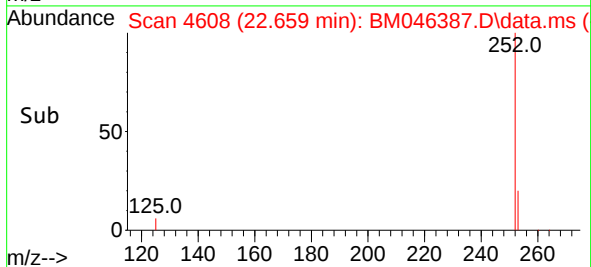
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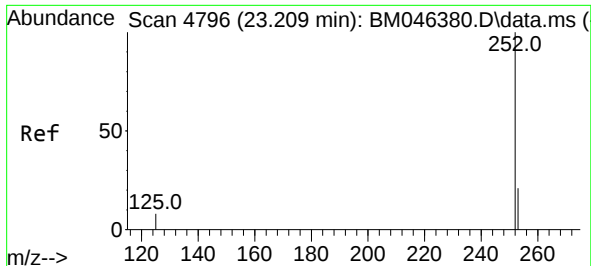


#24
Benzo(b)fluoranthene
Concen: 0.043 ng/ul m
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21



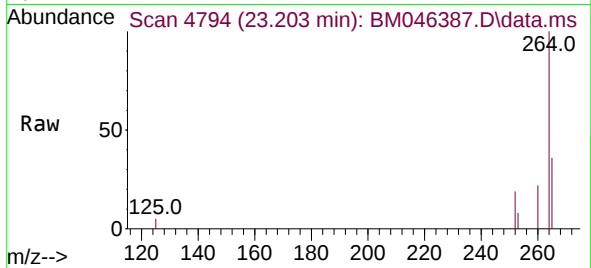
Tgt Ion:252 Resp: 2215
Ion Ratio Lower Upper
252 100
253 36.4 0.0 47.0
125 23.3 0.0 18.4





#26
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.203 min Scan# 4796
Delta R.T. -0.006 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

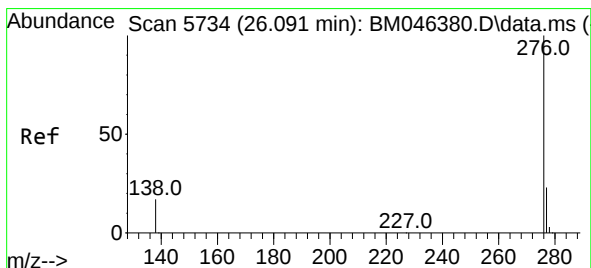
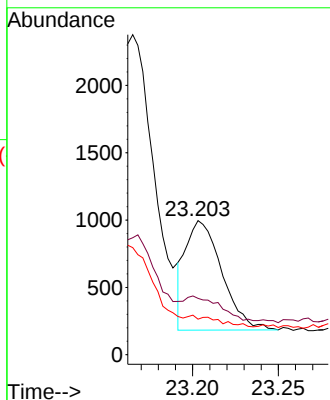
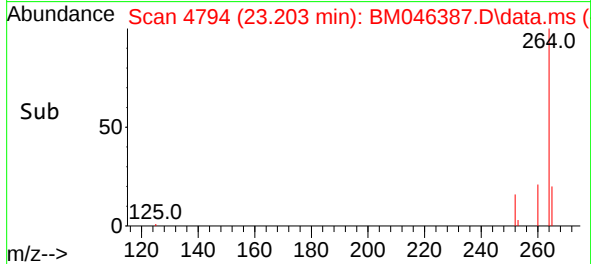
Instrument :
BNA_M
ClientSampleId :
A4CW4



Tgt Ion:252 Resp: 1199
Ion Ratio Lower Upper
252 100
253 42.1 18.9 28.3#
125 26.5 8.1 12.1#

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Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.087 min Scan# 5733
Delta R.T. -0.004 min
Lab File: BM046387.D
Acq: 05 Jul 2024 18:21

Tgt Ion:276 Resp: 1054
Ion Ratio Lower Upper
276 100
138 39.7 15.4 23.0#
277 40.2 19.7 29.5#

