

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046202.D
 Acq On : 22 Jun 2024 17:42
 Operator : MA/JU
 Sample : P2775-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C88

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 01:07:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 22 02:10:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	1915	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	6034	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.063	164	3329	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188	6709m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.023	240	5103m	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264	4946m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	10045	3.823	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2164	0.267	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	4492	0.294	ng/ul	-0.04
Target Compounds						
						Qvalue
10) Acenaphthylene	13.780	152	470	0.030	ng/ul#	46
15) Phenanthrene	16.850	178	2021m	0.107	ng/ul	
16) Anthracene	16.939	178	501m	0.036	ng/ul	
19) Fluoranthene	18.877	202	4616	0.209	ng/ul	99
20) Pyrene	19.234	202	4357m	0.182	ng/ul	
21) Benzo(a)anthracene	21.008	228	2181	0.111	ng/ul#	85
22) Chrysene	21.058	228	2243	0.089	ng/ul#	90
24) Benzo(b)fluoranthene	22.490	252	3179m	0.178	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	1370m	0.065	ng/ul	
26) Benzo(a)pyrene	23.010	252	2049	0.124	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.172	276	1687	0.062	ng/ul#	89
29) Benzo(g,h,i)perylene	25.796	276	1685	0.073	ng/ul#	52

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

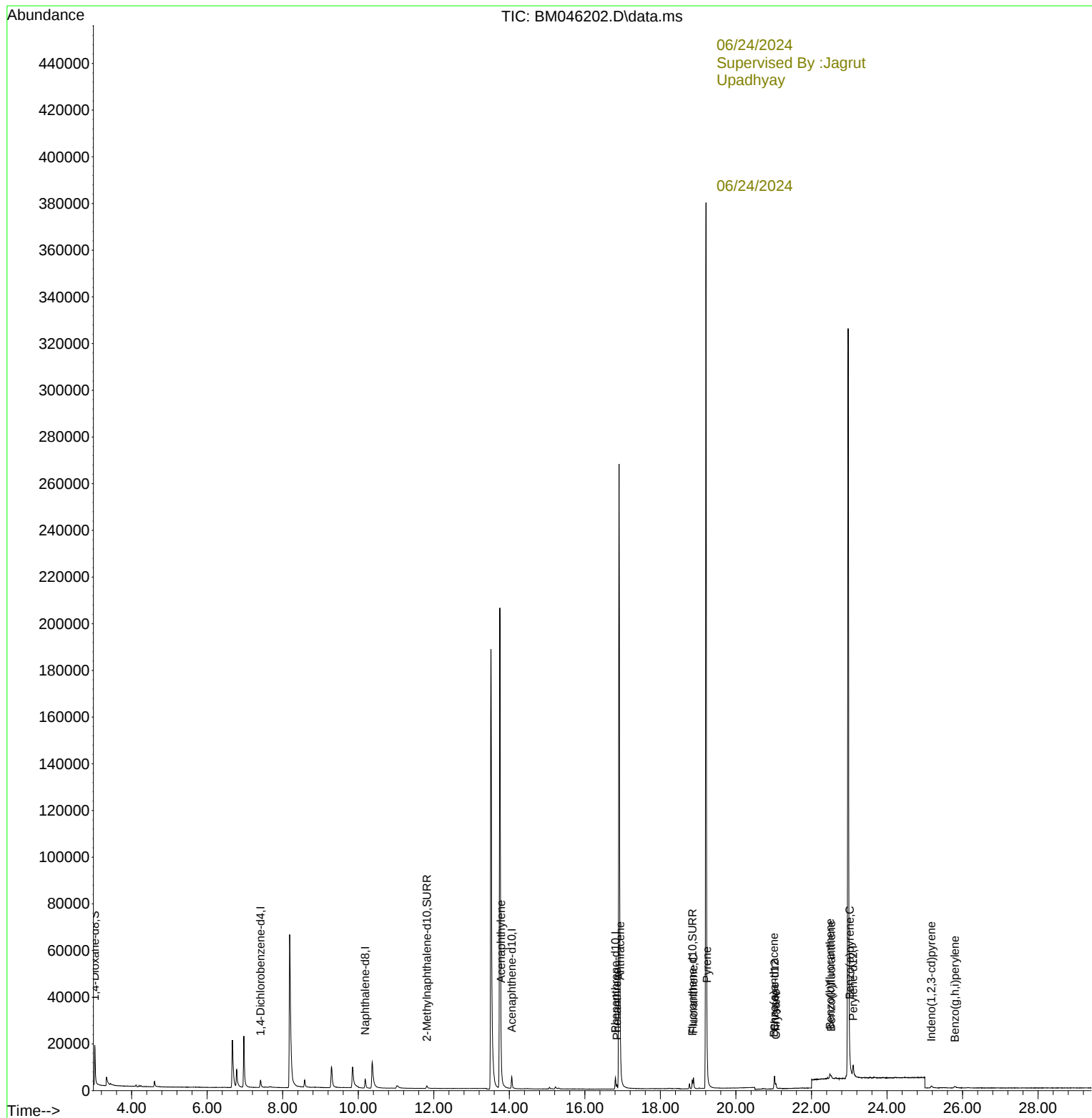
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Data File : BM046202.D
Acq On : 22 Jun 2024 17:42
Operator : MA/JU
Sample : P2775-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

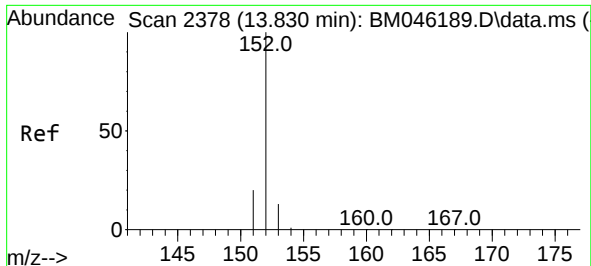
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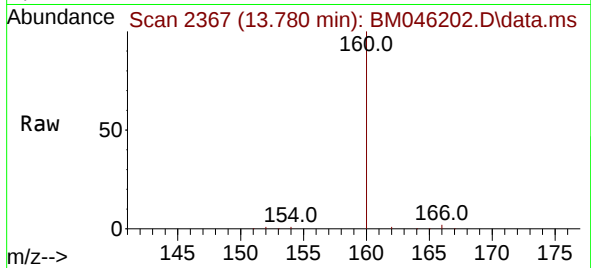
Quant Time: Jun 23 01:07:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.030 ng/u1
RT: 13.780 min Scan# 21
Delta R.T. -0.054 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

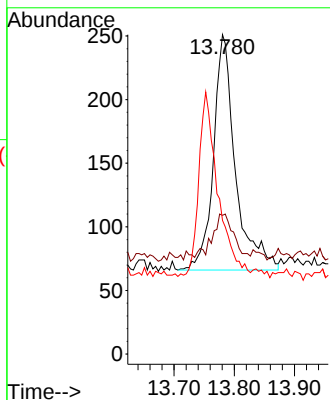
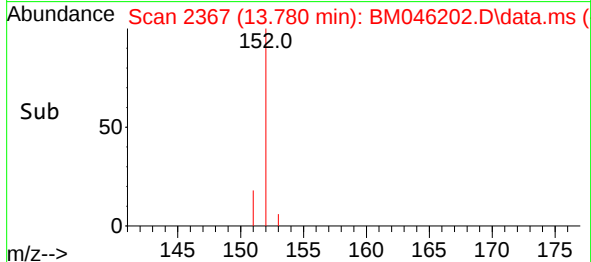
Instrument :
BNA_M
ClientSampleId :
A4C88



Tgt Ion:152 Resp: 470
Ion Ratio Lower Upper
152 100
151 43.4 17.4 26.2
153 41.8 11.8 17.8

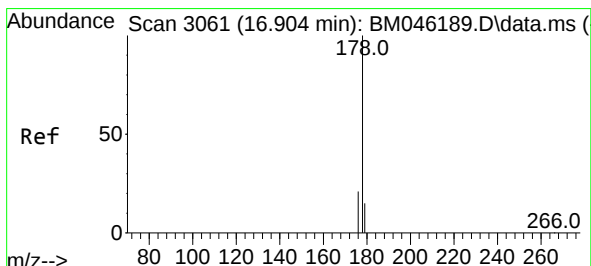
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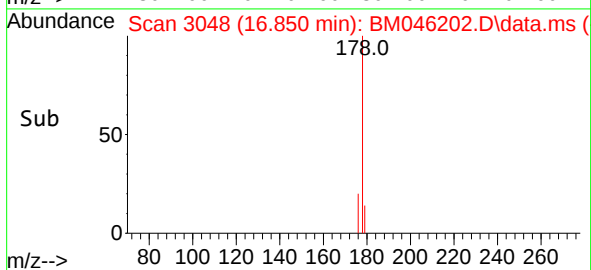
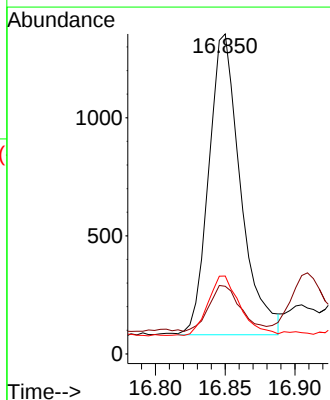
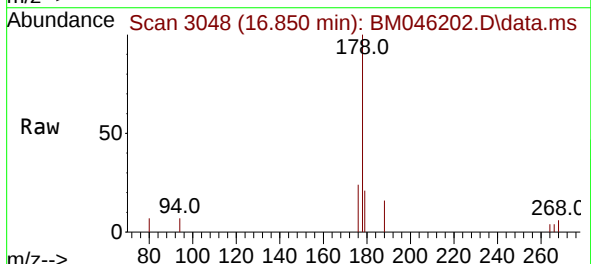
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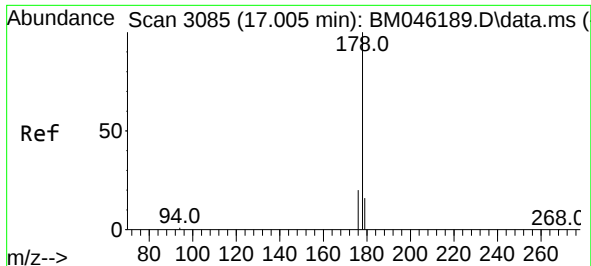
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#15
Phenanthrene
Concen: 0.107 ng/u1 m
RT: 16.850 min Scan# 3048
Delta R.T. -0.054 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

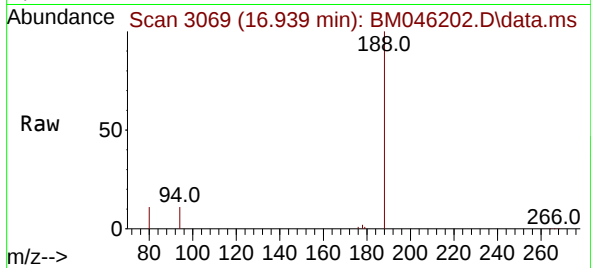
Tgt Ion:178 Resp: 2021
Ion Ratio Lower Upper
178 100
179 21.1 14.2 21.2
176 24.4 17.1 25.7





#16
 Anthracene
 Concen: 0.036 ng/ul m
 RT: 16.939 min Scan# 3085
 Delta R.T. -0.066 min
 Lab File: BM046202.D
 Acq: 22 Jun 2024 17:42

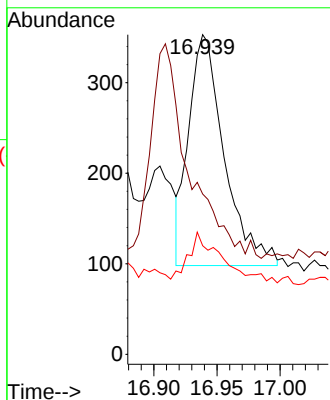
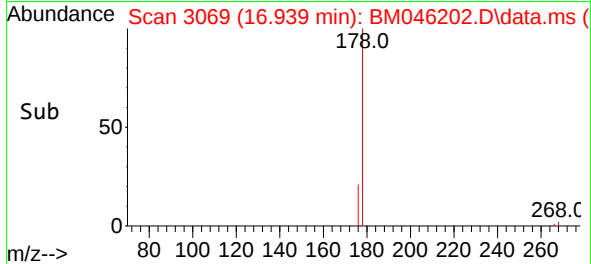
Instrument :
 BNA_M
 ClientSampleId :
 A4C88



Tgt Ion:178 Resp: 50
 Ion Ratio Lower Upper
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 179 50.1 14.9 22.3
 176 34.0 17.0 25.4

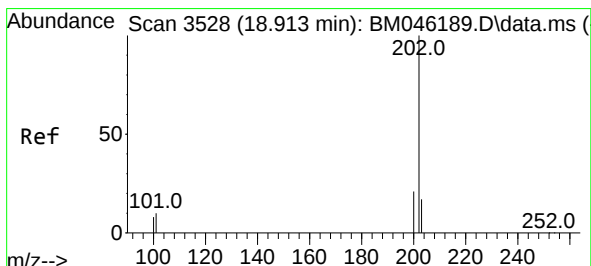
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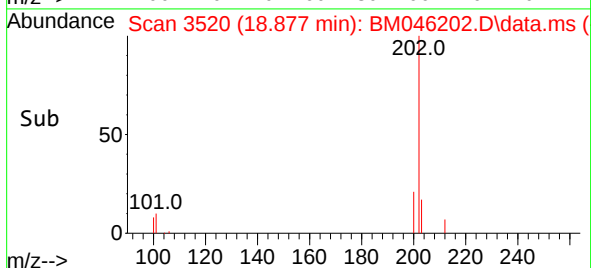
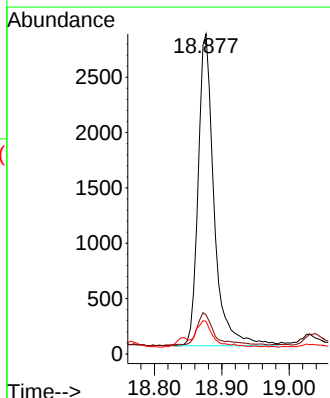
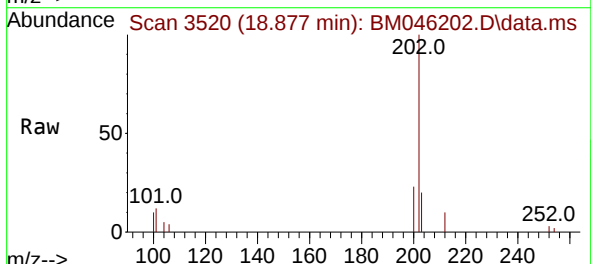
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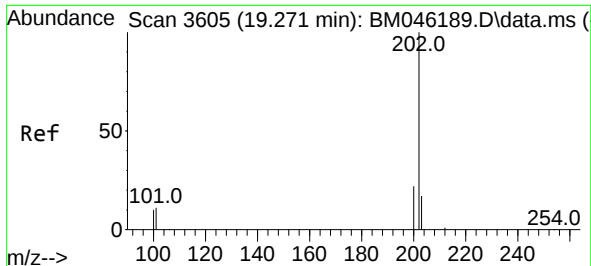
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#19
 Fluoranthene
 Concen: 0.209 ng/ul
 RT: 18.877 min Scan# 3520
 Delta R.T. -0.041 min
 Lab File: BM046202.D
 Acq: 22 Jun 2024 17:42

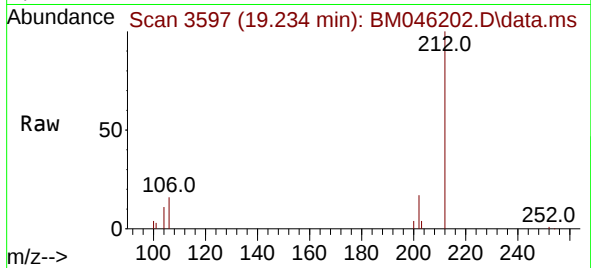
Tgt Ion:202 Resp: 4616
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.6 14.4
 100 10.2 7.6 11.4





#20
Pyrene
Concen: 0.182 ng/ul m
RT: 19.234 min Scan# 3
Delta R.T. -0.041 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

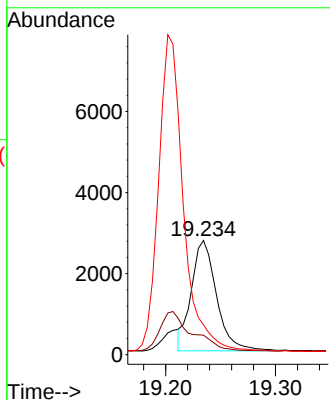
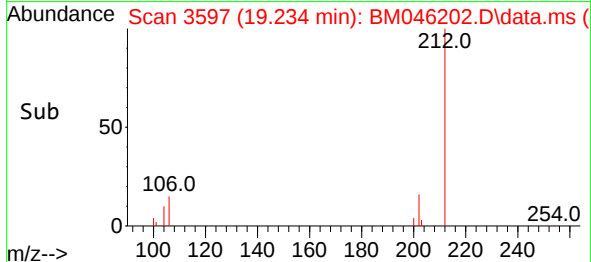
Instrument :
BNA_M
ClientSampleId :
A4C88



Tgt Ion:202 Resp: 435
Ion Ratio Lower Upper
202 100
101 17.1 11.3 16.9
100 26.3 9.8 14.6

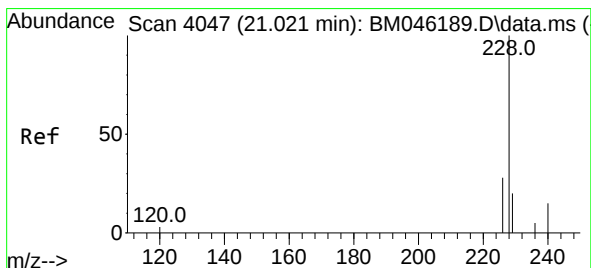
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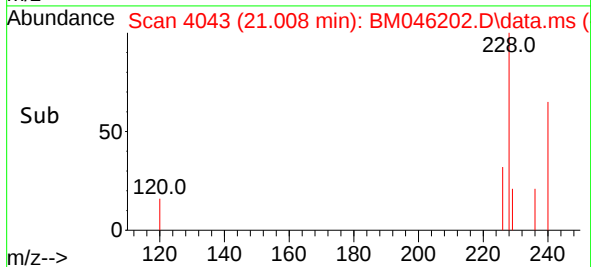
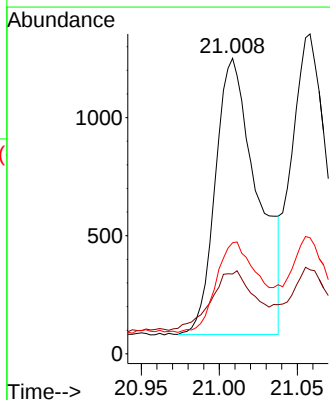
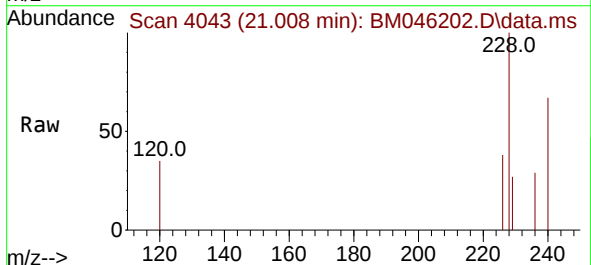
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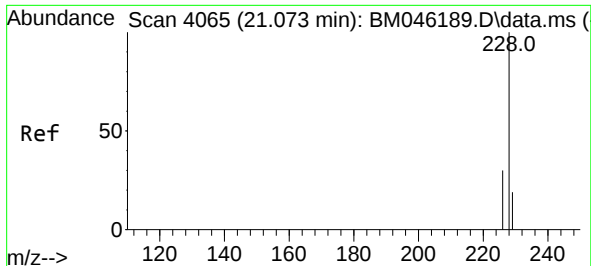
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#21
Benzo(a)anthracene
Concen: 0.111 ng/ul
RT: 21.008 min Scan# 4043
Delta R.T. -0.021 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

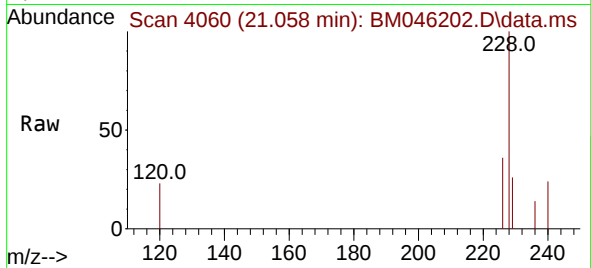
Tgt Ion:228 Resp: 2181
Ion Ratio Lower Upper
228 100
229 27.0 16.4 24.6#
226 37.6 23.4 35.2#





#22
Chrysene
Concen: 0.089 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

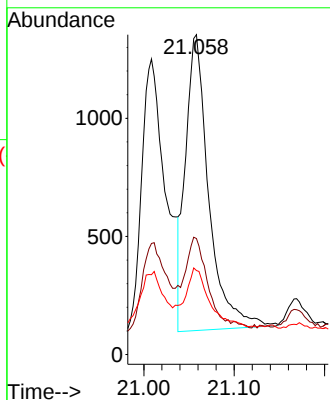
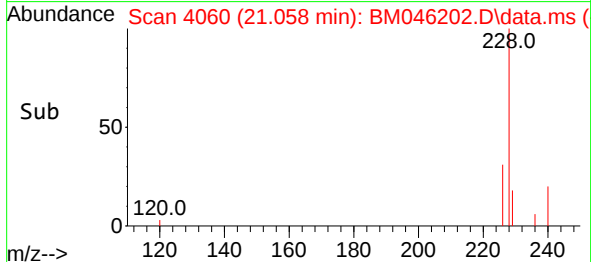
Instrument :
BNA_M
ClientSampleId :
A4C88



Tgt Ion:228 Resp: 224
Ion Ratio Lower Upper
228 100
226 36.3 25.2 37.8
229 26.3 16.3 24.5

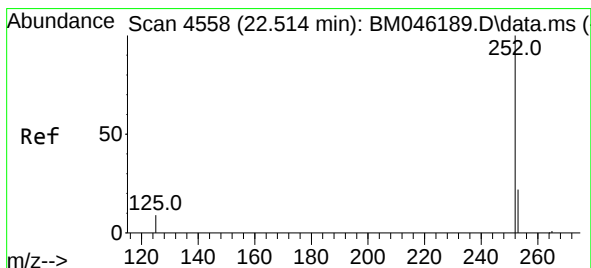
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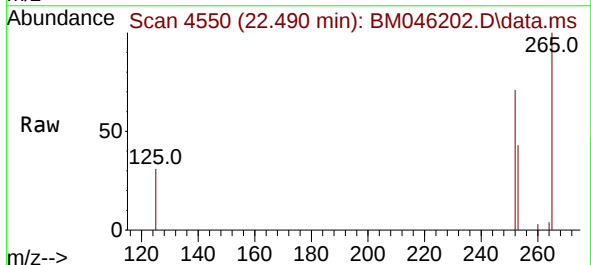


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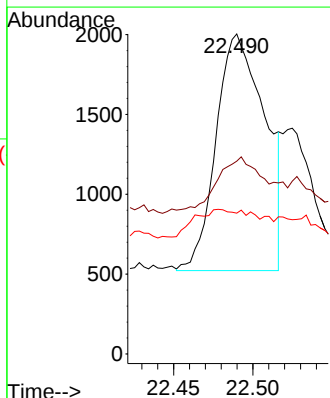
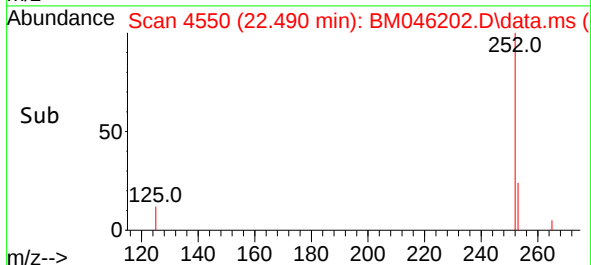
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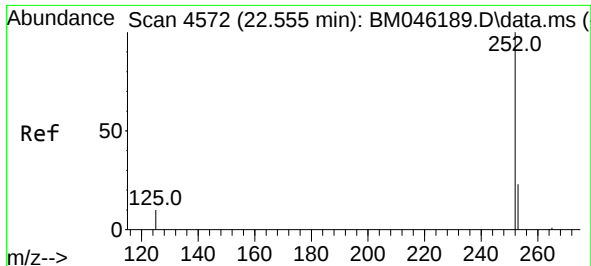


#24
Benzo(b)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42



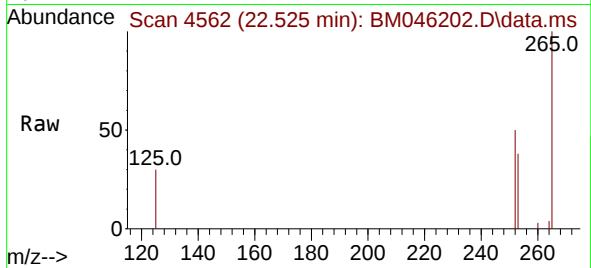
Tgt Ion:252 Resp: 3179
Ion Ratio Lower Upper
252 100
253 60.2 0.0 65.8
125 44.0 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.525 min Scan# 4
Delta R.T. -0.038 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

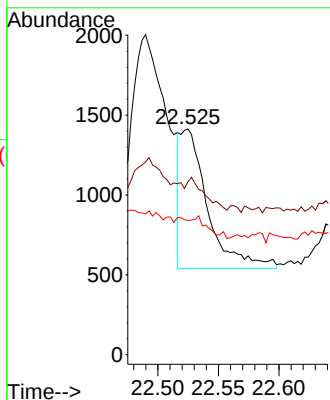
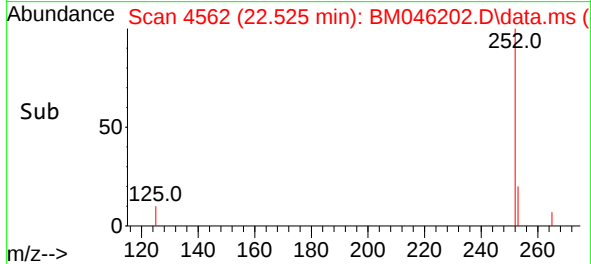
Instrument :
BNA_M
ClientSampleId :
A4C88



Tgt Ion:252 Resp: 1370
Ion Ratio Lower Upper
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253 76.5 27.2 40.8
125 59.5 16.6 25.0

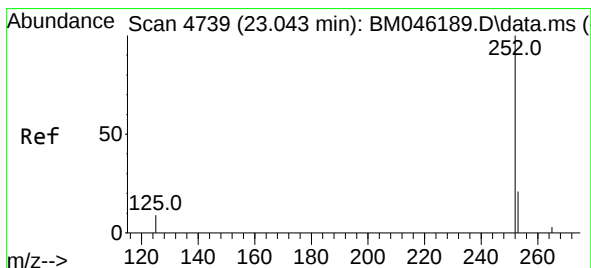
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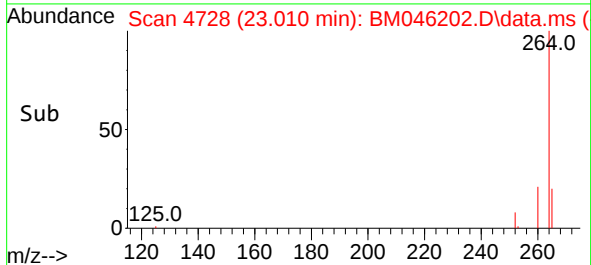
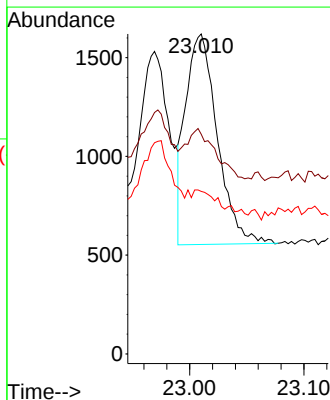
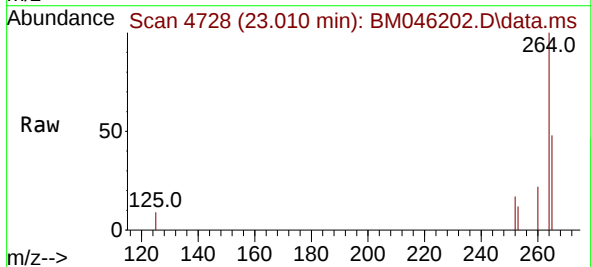
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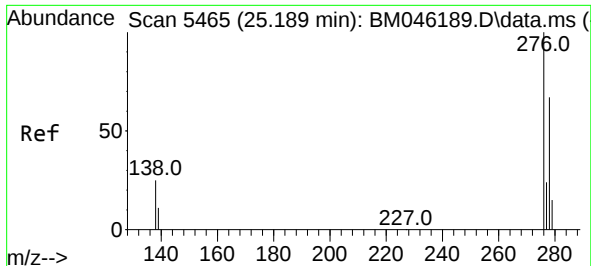
06/24/2024



#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.010 min Scan# 4728
Delta R.T. -0.044 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

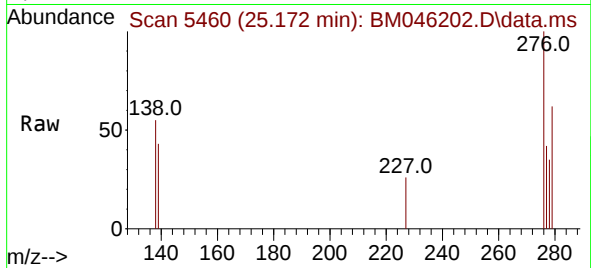
Tgt Ion:252 Resp: 2049
Ion Ratio Lower Upper
252 100
253 68.6 32.1 48.1#
125 50.8 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.031 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42

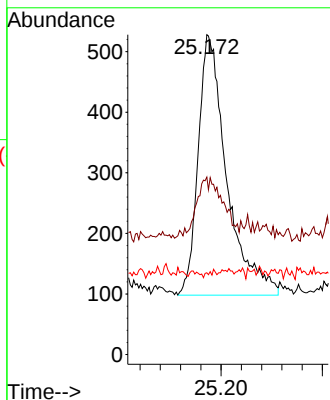
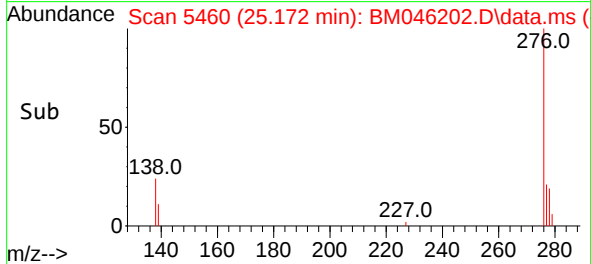
Instrument :
BNA_M
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Tgt Ion:276 Resp: 1685
Ion Ratio Lower Upper
276 100
138 20.5 21.0 31.4#
227 0.3 0.0 0.0#

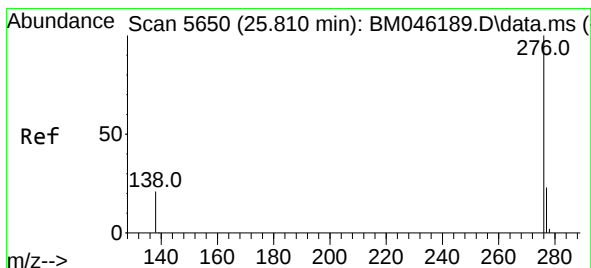
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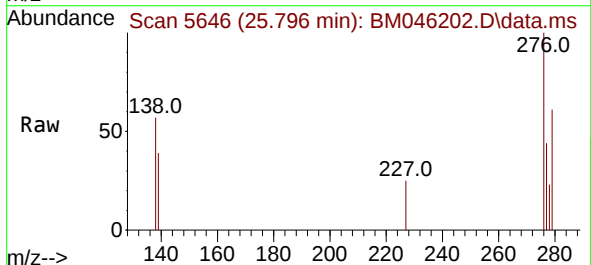


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Upadhyay

06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046202.D
Acq: 22 Jun 2024 17:42



Tgt Ion:276 Resp: 1685
Ion Ratio Lower Upper
276 100
138 57.4 21.7 32.5#
277 44.3 20.4 30.6#

