

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026568.D
 Acq On : 18 Jul 2023 17:22
 Operator : MA/JU
 Sample : 03458-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 00:17:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	2137	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.736	136	6666	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.574	164	4374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	10200	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	9959	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	11072	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12063	4.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	2566	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	9232	0.267	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.368	178	1566	0.048	ng/ul#	90
19) Fluoranthene	19.386	202	3980	0.085	ng/ul#	93
20) Pyrene	19.749	202	3880	0.077	ng/ul#	86
21) Benzo(a)anthracene	21.514	228	2013	0.055	ng/ul#	86
22) Chrysene	21.569	228	1677	0.040	ng/ul#	85
24) Benzo(b)fluoranthene	23.227	252	2219m	0.051	ng/ul	
26) Benzo(a)pyrene	23.849	252	1502	0.039	ng/ul#	46
29) Benzo(g,h,i)perylene	27.298	276	923	0.021	ng/ul#	52

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

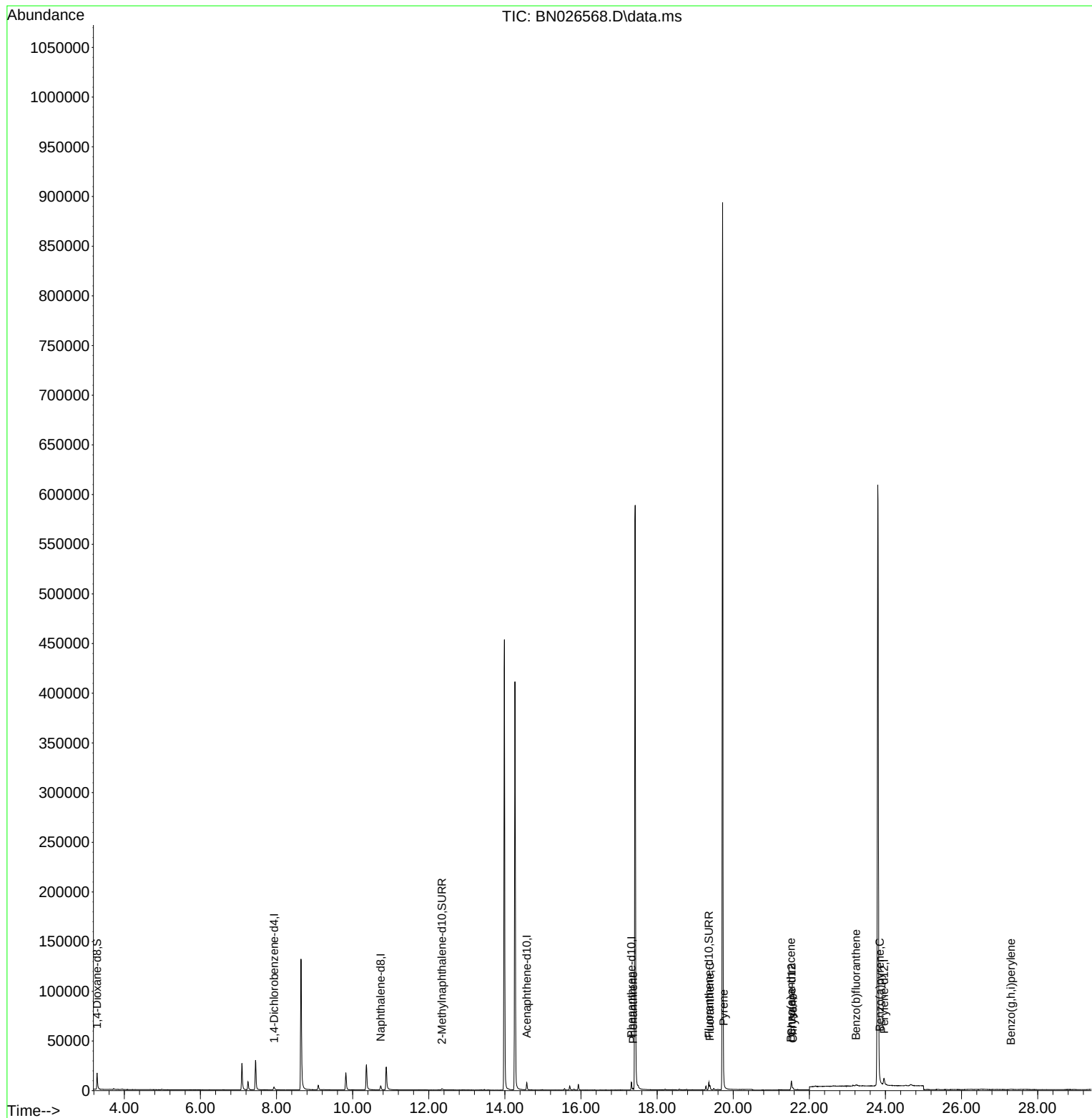
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026568.D
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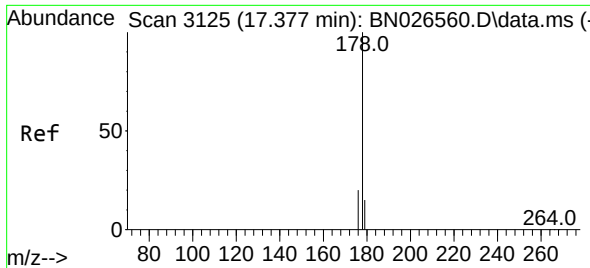
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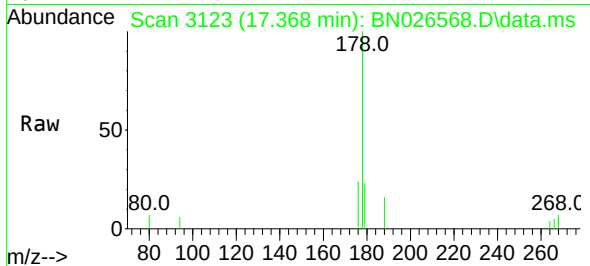
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.048 ng/u1
RT: 17.368 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

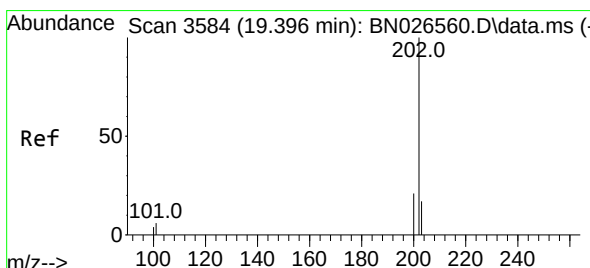
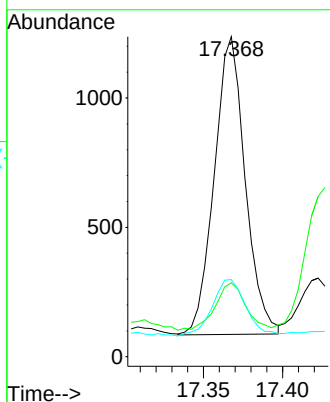
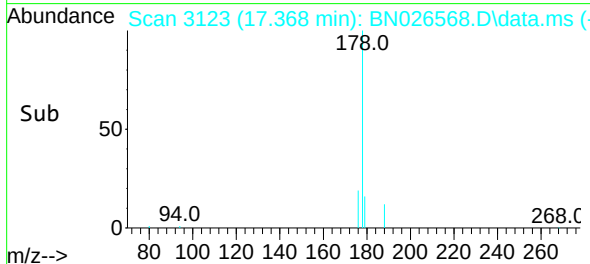
Instrument :
BNA_N
ClientSampleId :
A46M3



Tgt Ion:178 Resp: 1560
Ion Ratio Lower Upper
178 100
179 23.1 13.7 20.5#
176 24.1 16.5 24.7#

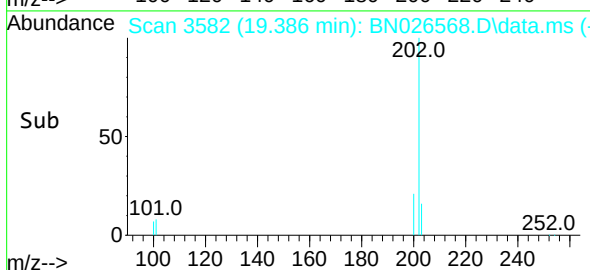
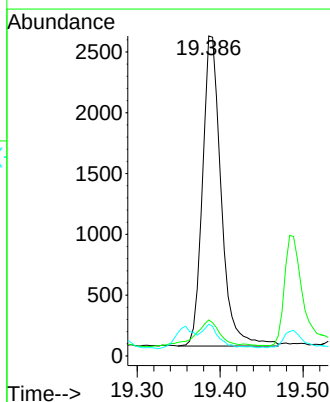
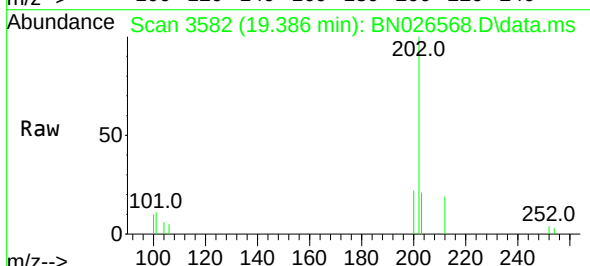
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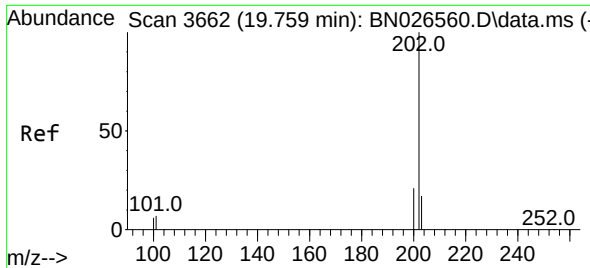
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#19
Fluoranthene
Concen: 0.085 ng/u1
RT: 19.386 min Scan# 3582
Delta R.T. -0.010 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

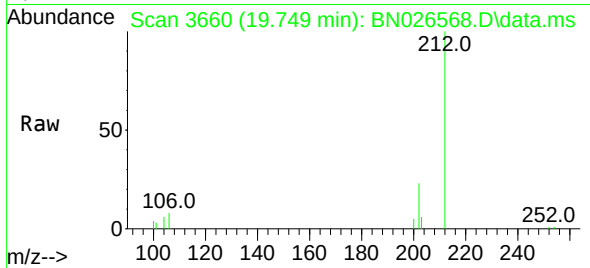
Tgt Ion:202 Resp: 3980
Ion Ratio Lower Upper
202 100
101 11.3 7.0 10.4#
100 9.9 6.0 9.0#





#20
Pyrene
Concen: 0.077 ng/ul
RT: 19.749 min Scan# 30
Delta R.T. -0.010 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

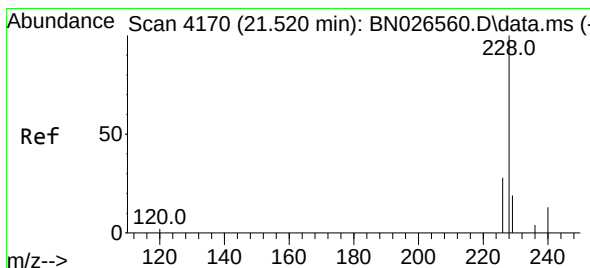
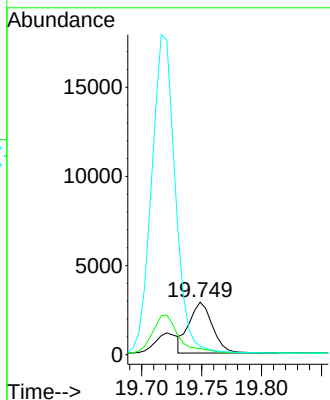
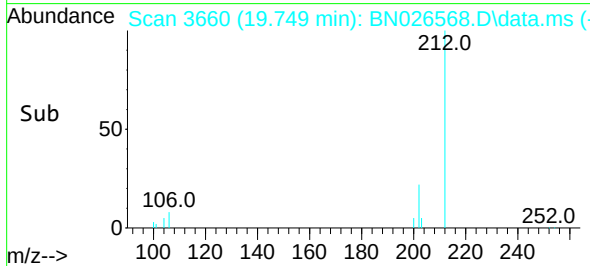
Instrument :
BNA_N
ClientSampleId :
A46M3



Tgt Ion:202 Resp: 3880
Ion Ratio Lower Upper
202 100
101 11.9 8.0 12.0
100 16.4 6.2 9.2

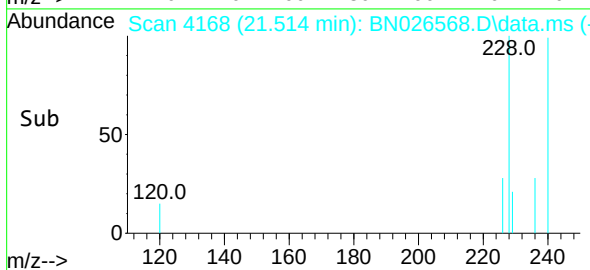
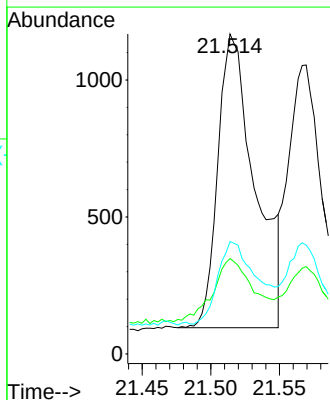
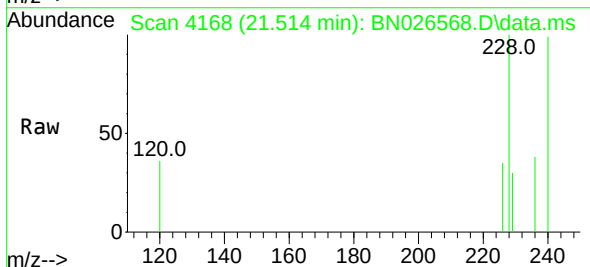
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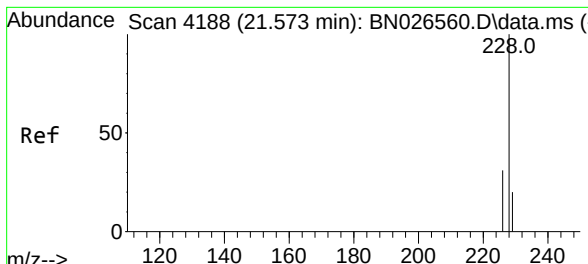
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Supervised By :mohammad ahmed 07/19/2023



#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.006 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

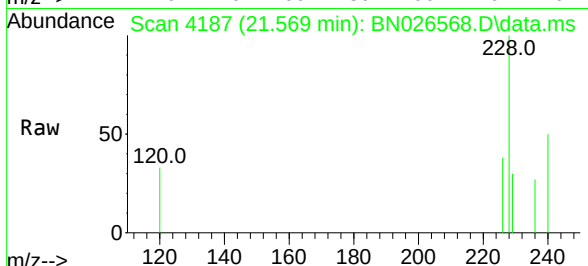
Tgt Ion:228 Resp: 2013
Ion Ratio Lower Upper
228 100
229 29.8 16.7 25.1#
226 35.1 23.5 35.3





#22
Chrysene
Concen: 0.040 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

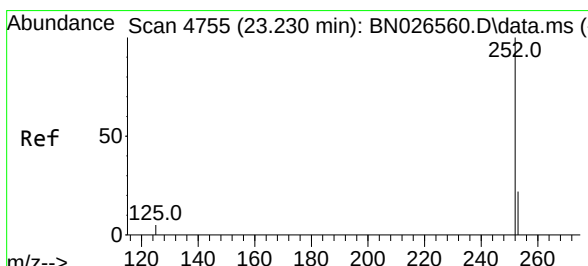
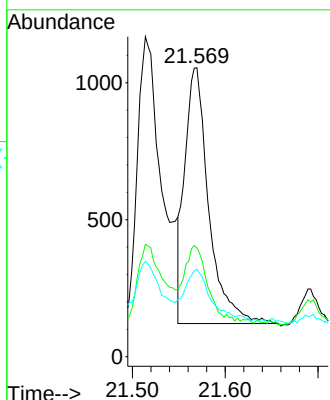
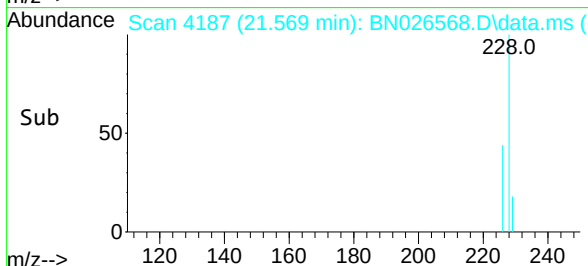
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 167
Ion Ratio Lower Upper
228 100
226 37.6 25.2 37.8
229 30.2 16.4 24.6

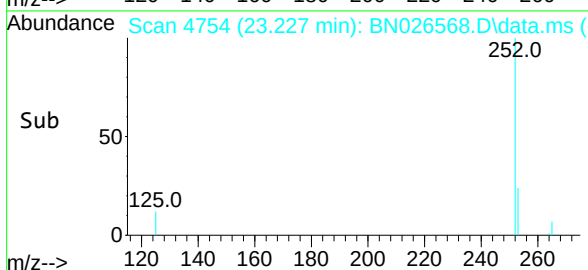
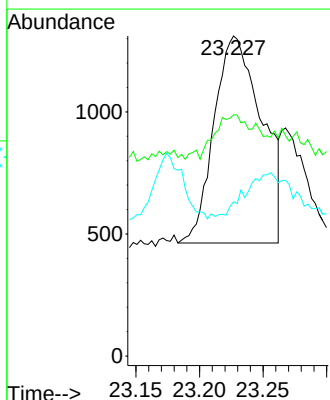
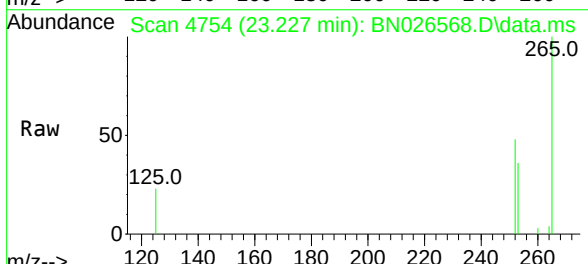
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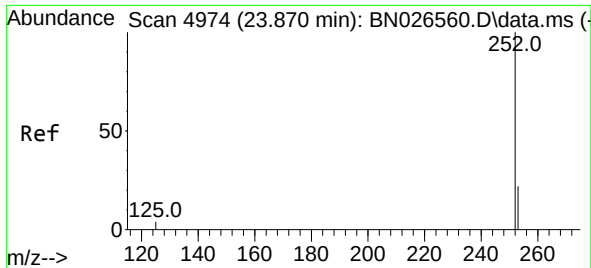
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#24
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.227 min Scan# 4754
Delta R.T. -0.003 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

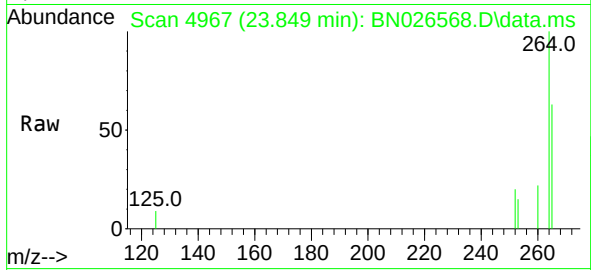
Tgt Ion:252 Resp: 2219
Ion Ratio Lower Upper
252 100
253 75.4 0.0 68.6#
125 48.2 0.0 34.0#





#26
Benzo(a)pyrene
Concen: 0.039 ng/ul
RT: 23.849 min Scan# 4974
Delta R.T. -0.021 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22

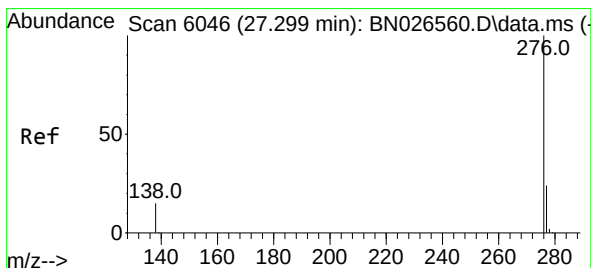
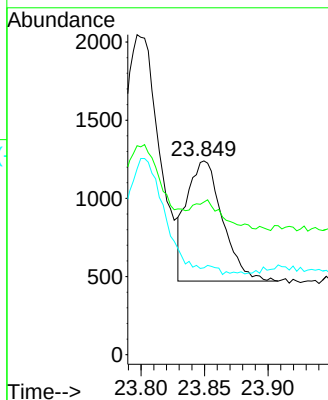
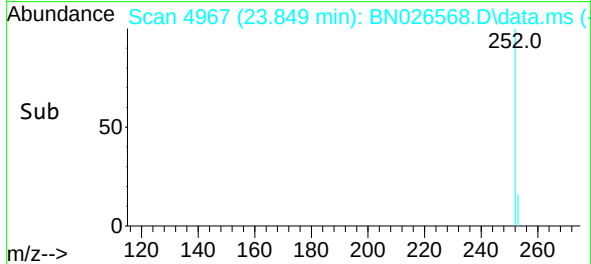
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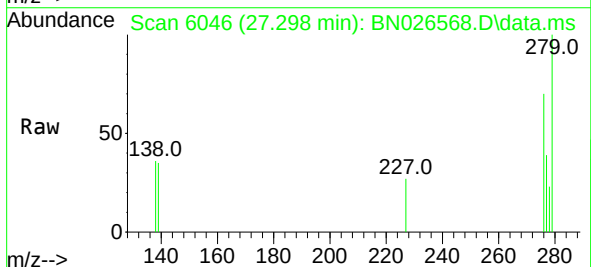
Tgt Ion:252 Resp: 1502
Ion Ratio Lower Upper
252 100
253 78.8 32.6 49.0#
125 44.8 19.3 28.9#

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Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.298 min Scan# 6046
Delta R.T. -0.000 min
Lab File: BN026568.D
Acq: 18 Jul 2023 17:22



Tgt Ion:276 Resp: 923
Ion Ratio Lower Upper
276 100
138 50.6 22.6 34.0#
277 55.5 21.8 32.8#

