

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026551.D
 Acq On : 17 Jul 2023 23:58
 Operator : MA/JU
 Sample : 03458-10
 Misc :
 ALS Vial : 26 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 18 04:23:31 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 : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	9796	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	6611	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	15033	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.512	240	11311	0.400	ng/ul	# 0.00
23) Perylene-d12	23.924	264	11400	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	19557	4.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	3759	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	11768	0.300	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.364	178	2339	0.049	ng/ul	94
19) Fluoranthene	19.383	202	5275	0.099	ng/ul	98
20) Pyrene	19.741	202	5101	0.089	ng/ul#	87
21) Benzo(a)anthracene	21.498	228	2161	0.052	ng/ul#	87
22) Chrysene	21.547	228	1964	0.042	ng/ul#	87
24) Benzo(b)fluoranthene	23.193	252	2177m	0.049	ng/ul	
26) Benzo(a)pyrene	23.807	252	1497	0.038	ng/ul#	52
29) Benzo(g,h,i)perylene	27.229	276	983	0.021	ng/ul#	58

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

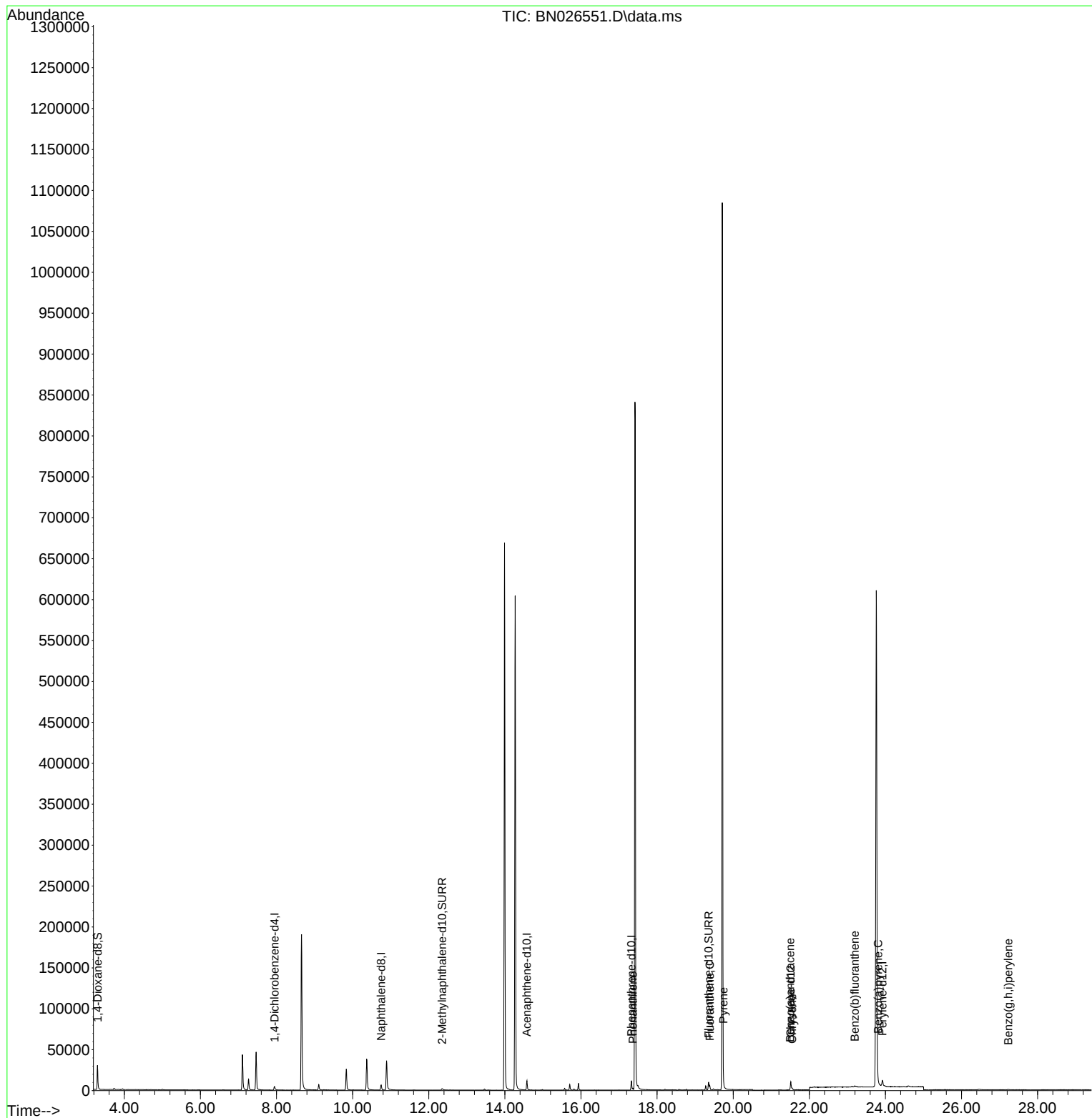
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026551.D
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ALS Vial : 26 Sample Multiplier: 1

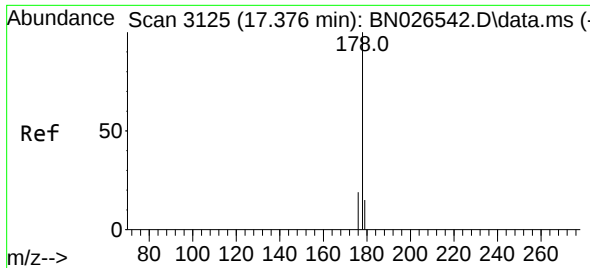
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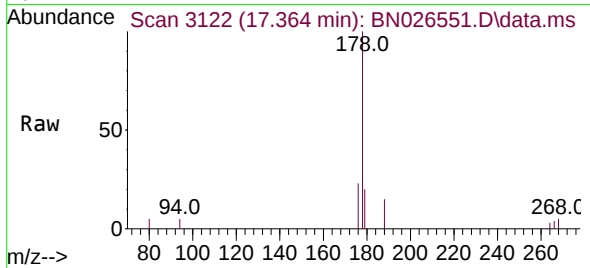
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.049 ng/u1
RT: 17.364 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

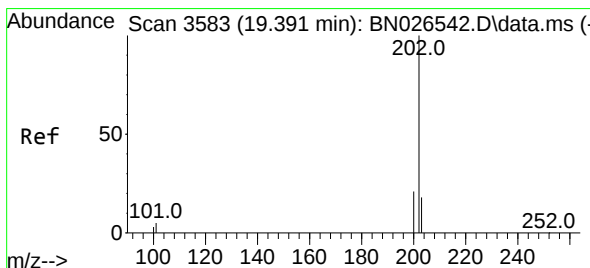
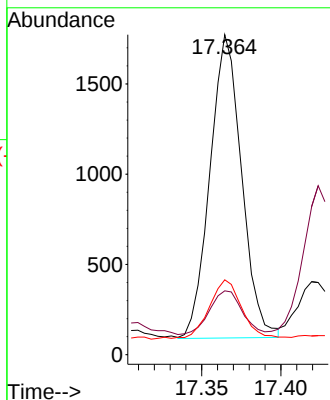
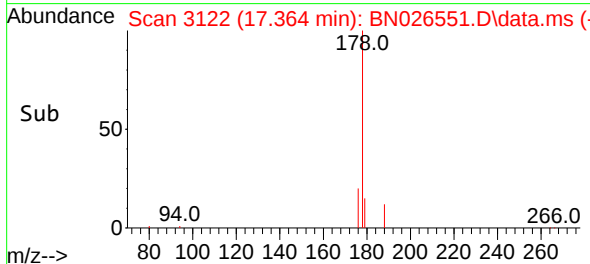
Instrument :
BNA_N
ClientSampleId :
A46M3



Tgt Ion:178 Resp: 2339
Ion Ratio Lower Upper
178 100
179 20.0 13.7 20.5
176 23.4 16.5 24.7

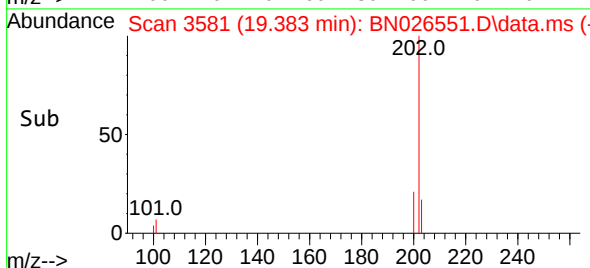
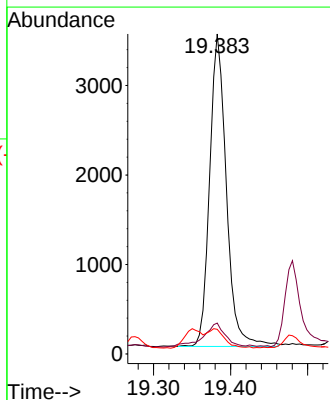
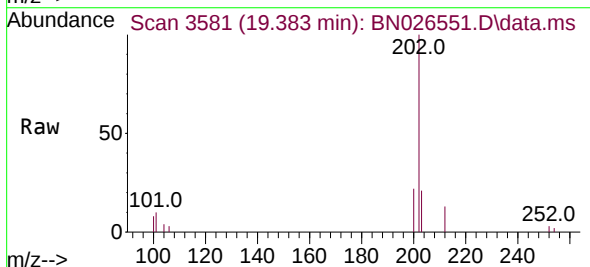
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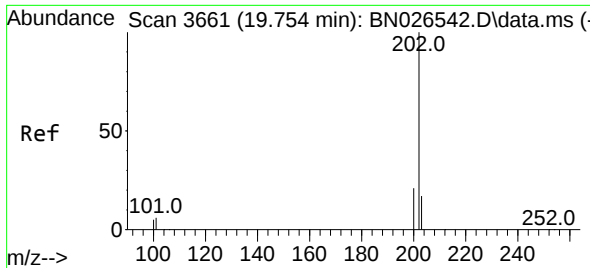
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#19
Fluoranthene
Concen: 0.099 ng/u1
RT: 19.383 min Scan# 3581
Delta R.T. -0.004 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

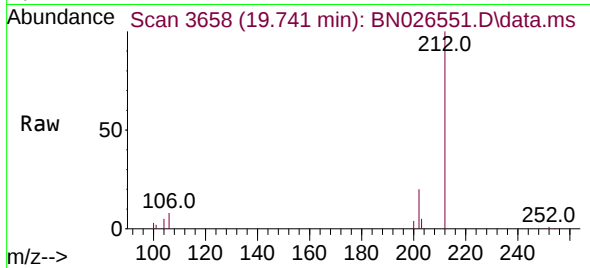
Tgt Ion:202 Resp: 5275
Ion Ratio Lower Upper
202 100
101 9.7 7.0 10.4
100 7.7 6.0 9.0





#20
Pyrene
Concen: 0.089 ng/ul
RT: 19.741 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

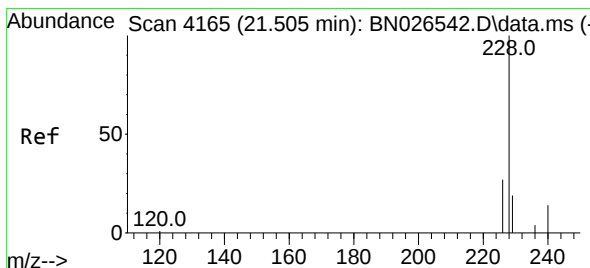
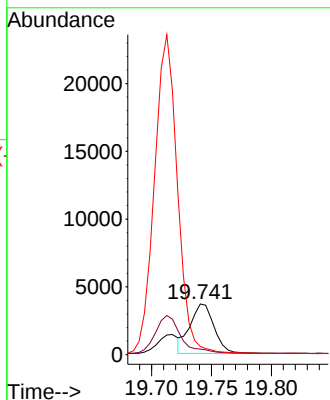
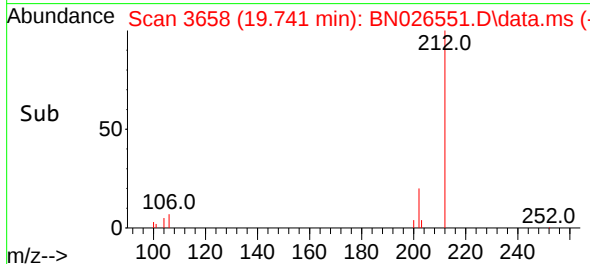
Instrument :
BNA_N
ClientSampleId :
A46M3



Tgt Ion:202 Resp: 510
Ion Ratio Lower Upper
202 100
101 11.1 8.0 12.0
100 16.4 6.2 9.2

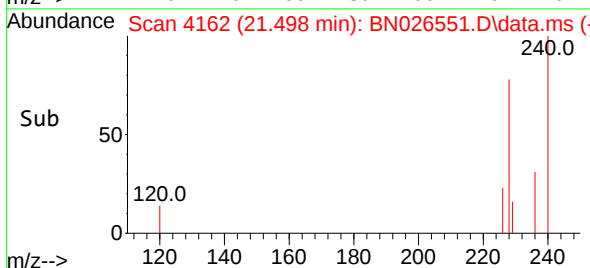
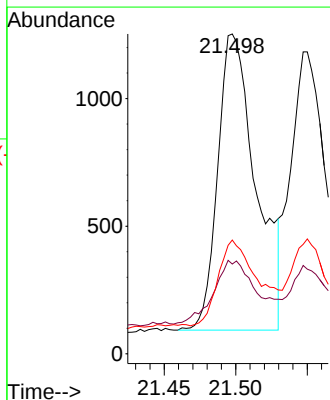
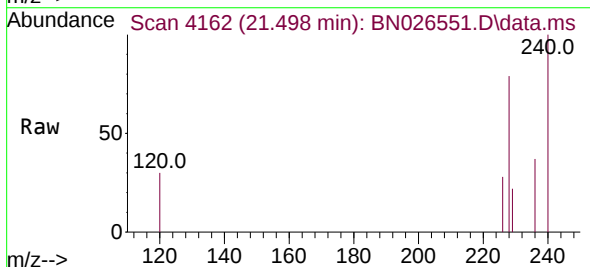
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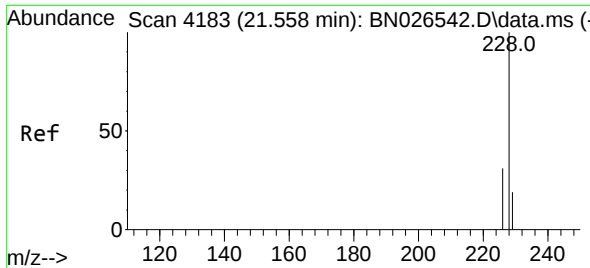
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.498 min Scan# 4162
Delta R.T. -0.005 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

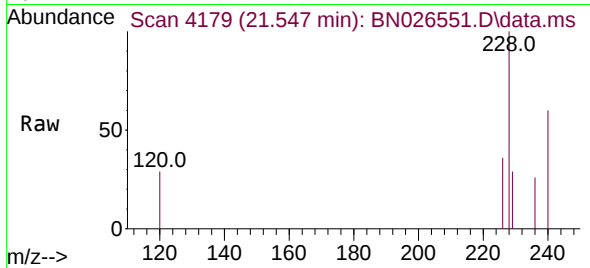
Tgt Ion:228 Resp: 2161
Ion Ratio Lower Upper
228 100
229 28.1 16.7 25.1#
226 35.6 23.5 35.3#





#22
Chrysene
Concen: 0.042 ng/ul
RT: 21.547 min Scan# 4183
Delta R.T. -0.011 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

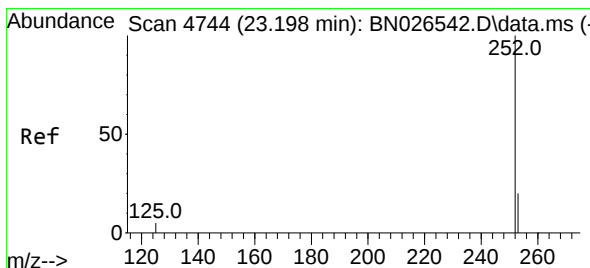
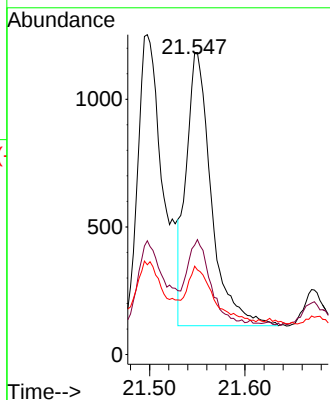
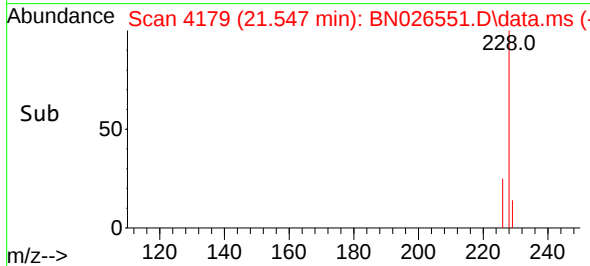
Instrument :
BNA_N
ClientSampleId :
A46M3



Tgt Ion:228 Resp: 1964
Ion Ratio Lower Upper
228 100
226 36.3 25.2 37.8
229 29.2 16.4 24.6

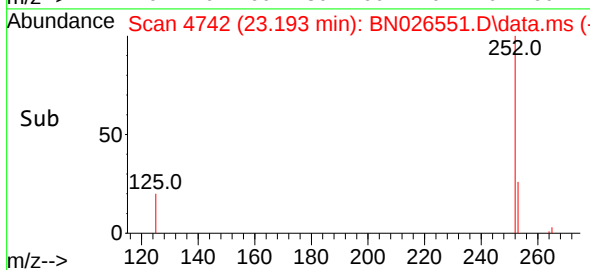
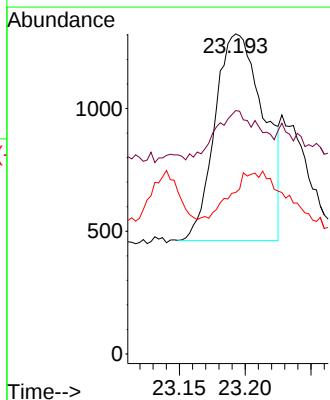
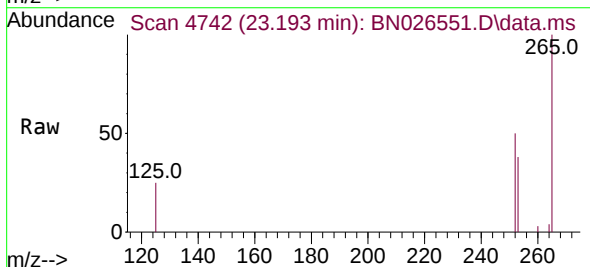
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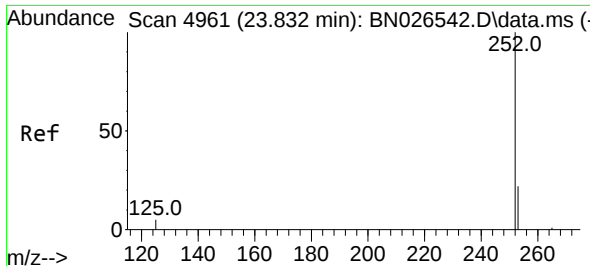
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Supervised By :mohammad ahmed 07/19/2023



#24
Benzo(b)fluoranthene
Concen: 0.049 ng/ul m
RT: 23.193 min Scan# 4742
Delta R.T. -0.002 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

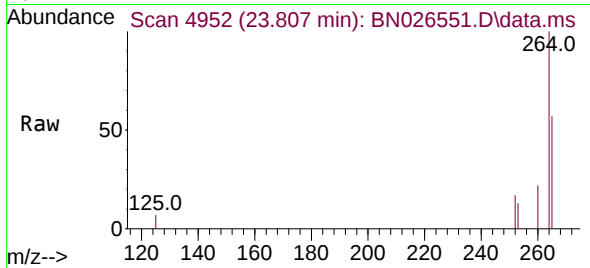
Tgt Ion:252 Resp: 2177
Ion Ratio Lower Upper
252 100
253 76.1 0.0 68.6#
125 50.5 0.0 34.0#





#26
Benzo(a)pyrene
Concen: 0.038 ng/ul
RT: 23.807 min Scan# 4961
Delta R.T. -0.020 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58

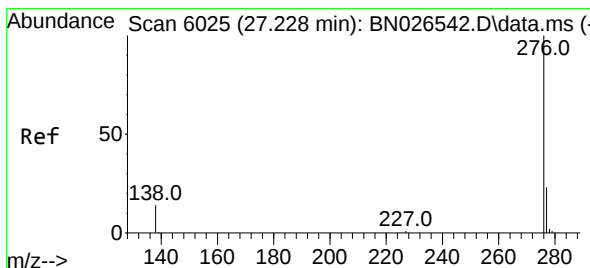
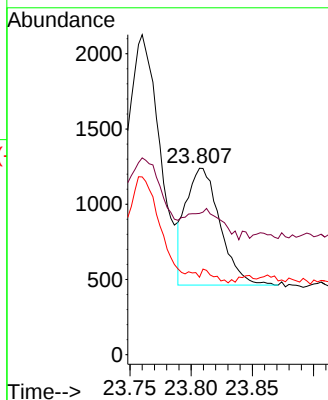
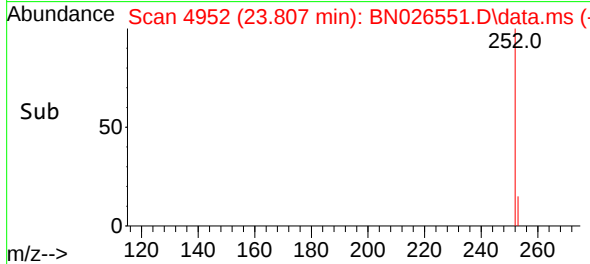
Instrument :
BNA_N
ClientSampleId :
A46M3



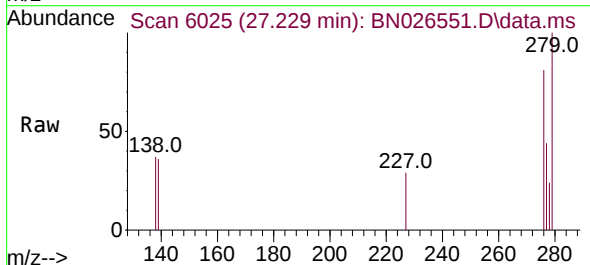
Tgt Ion:252 Resp: 149
Ion Ratio Lower Upper
252 100
253 75.8 32.6 49.0#
125 41.6 19.3 28.9#

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



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.229 min Scan# 6025
Delta R.T. 0.004 min
Lab File: BN026551.D
Acq: 17 Jul 2023 23:58



Tgt Ion:276 Resp: 983
Ion Ratio Lower Upper
276 100
138 46.1 22.6 34.0#
277 53.9 21.8 32.8#

