

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026548.D
 Acq On : 17 Jul 2023 22:07
 Operator : MA/JU
 Sample : 03458-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M0

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 04:22:50 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	3355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	10402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	6853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	15172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	11467	0.400	ng/ul	# 0.00
23) Perylene-d12	23.925	264	11300	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	24458	5.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	4022	0.284	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	11783	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.364	178	2769	0.057	ng/ul#	94
19) Fluoranthene	19.381	202	4851	0.090	ng/ul	96
20) Pyrene	19.744	202	4203	0.072	ng/ul#	90
21) Benzo(a)anthracene	21.499	228	2138	0.051	ng/ul#	82
22) Chrysene	21.552	228	1771	0.037	ng/ul#	83
24) Benzo(b)fluoranthene	23.194	252	2297m	0.052	ng/ul	
26) Benzo(a)pyrene	23.811	252	1606	0.041	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.453	276	1049	0.020	ng/ul#	47
29) Benzo(g,h,i)perylene	27.228	276	1047	0.023	ng/ul#	51

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

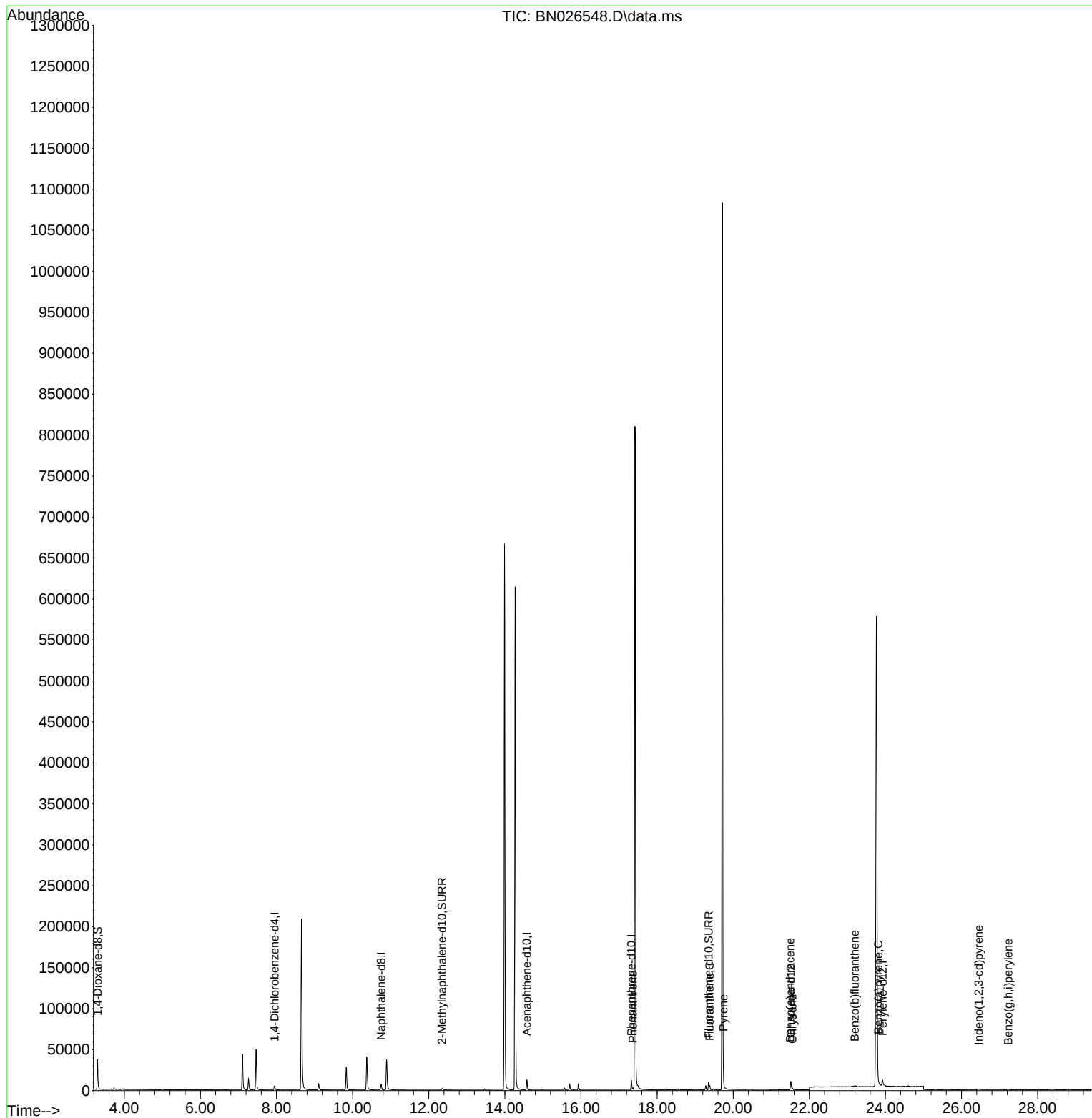
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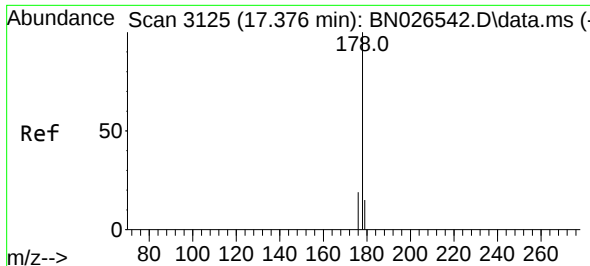
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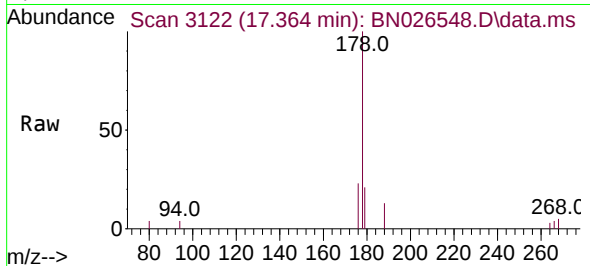
Quant Time: Jul 18 04:22:50 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.057 ng/u1
RT: 17.364 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

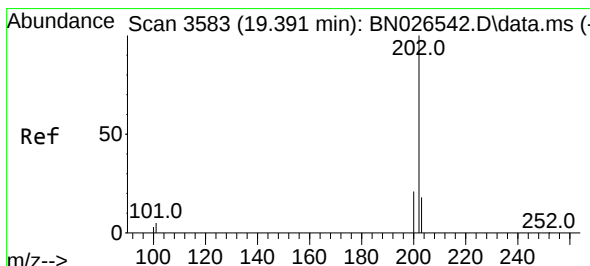
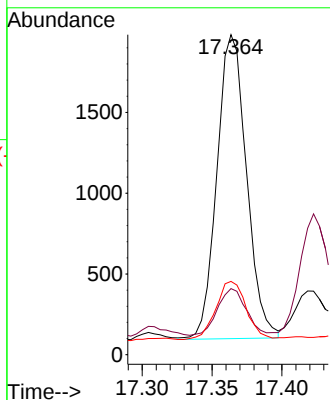
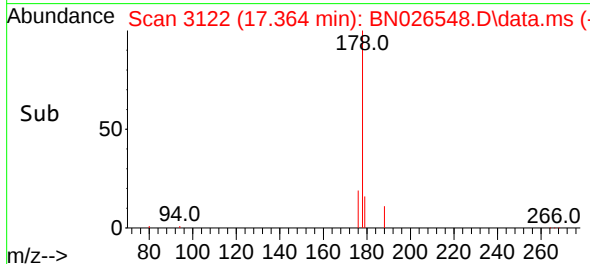
Instrument :
BNA_N
ClientSampleId :
A46M0



Tgt Ion:178 Resp: 2769
Ion Ratio Lower Upper
178 100
179 20.6 13.7 20.5
176 22.9 16.5 24.7

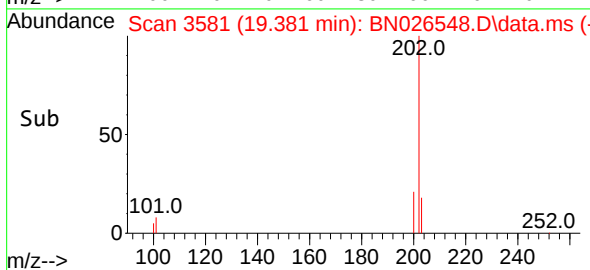
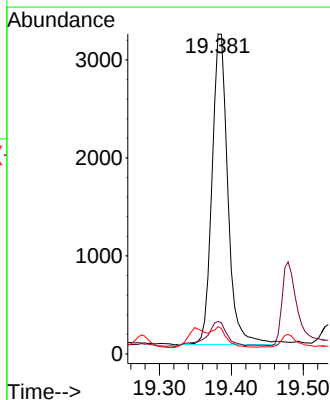
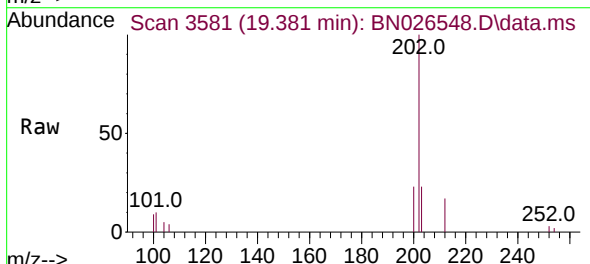
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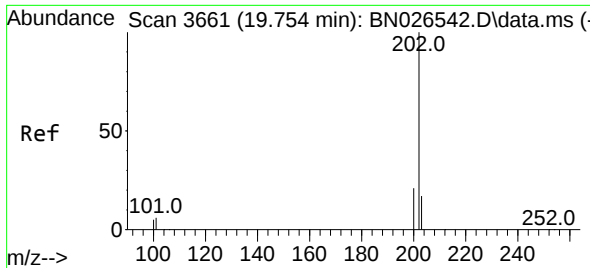
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#19
Fluoranthene
Concen: 0.090 ng/u1
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

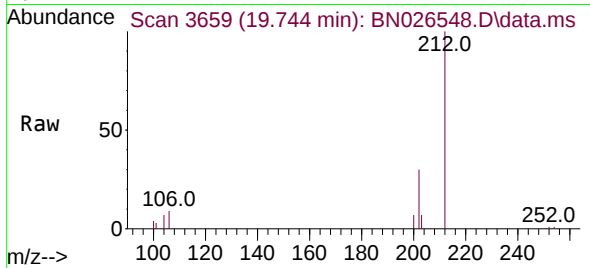
Tgt Ion:202 Resp: 4851
Ion Ratio Lower Upper
202 100
101 10.2 7.0 10.4
100 8.5 6.0 9.0





#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

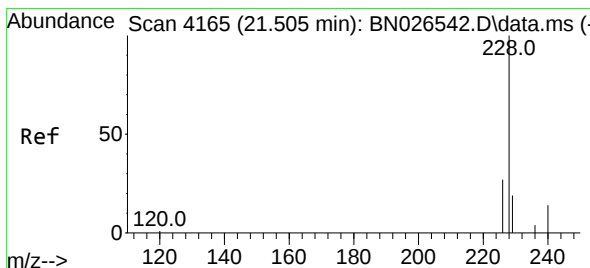
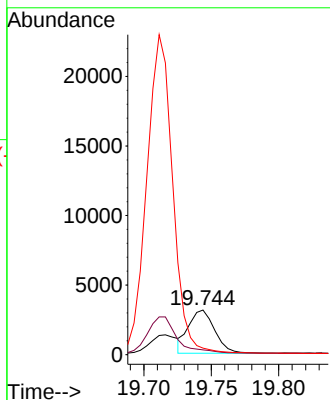
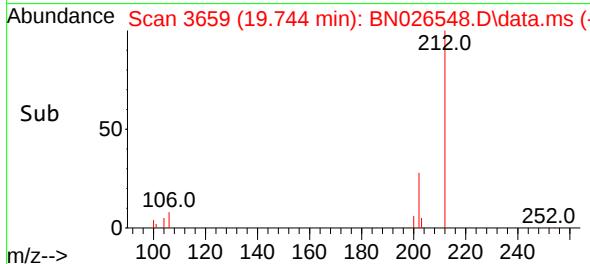
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 4200
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 14.7 6.2 9.2

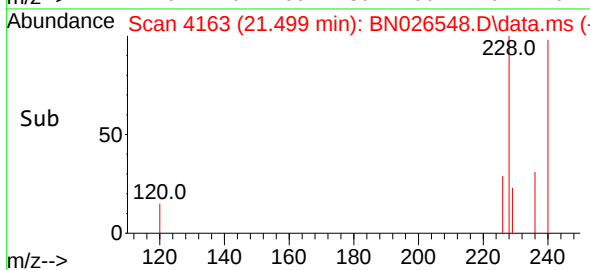
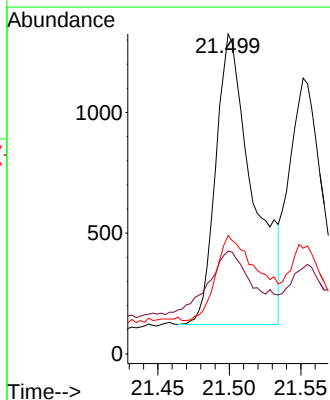
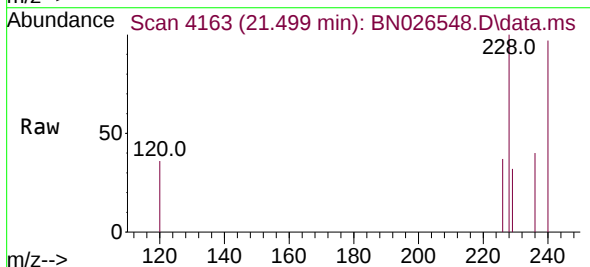
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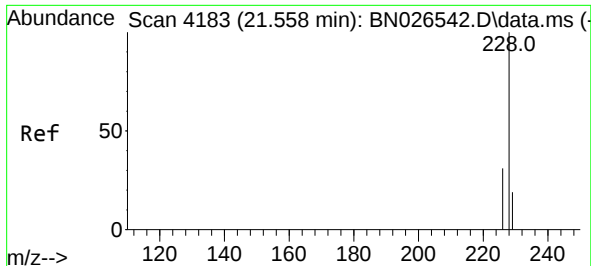
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Supervised By :mohammad ahmed 07/19/2023



#21
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.004 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

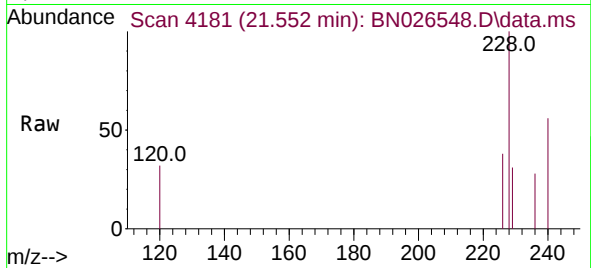
Tgt Ion:228 Resp: 2138
Ion Ratio Lower Upper
228 100
229 32.2 16.7 25.1#
226 37.0 23.5 35.3#





#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.006 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

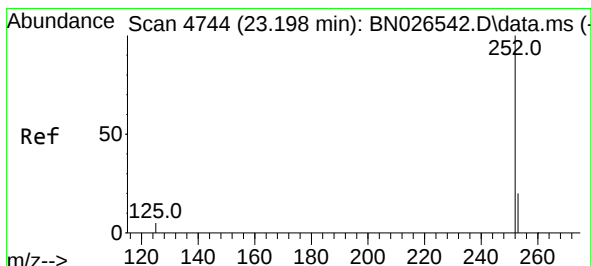
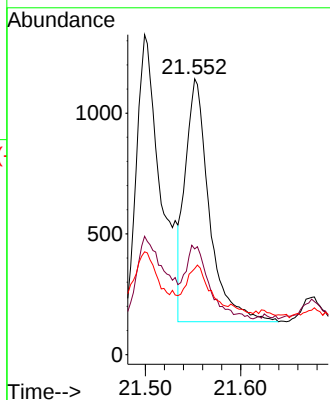
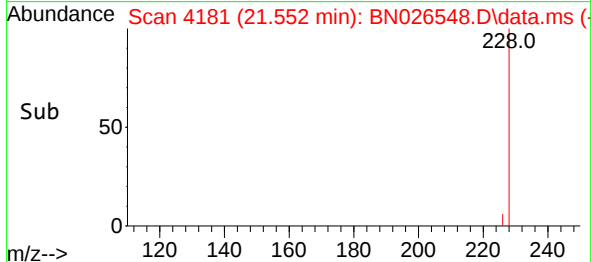
Instrument :
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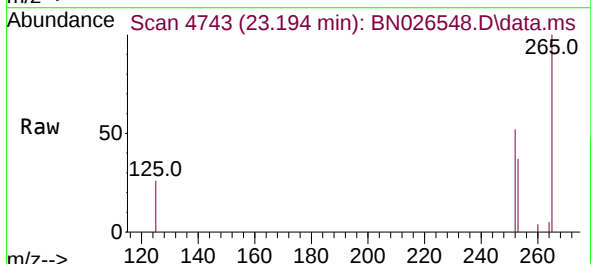
Tgt Ion:228 Resp: 177
Ion Ratio Lower Upper
228 100
226 38.4 25.2 37.8
229 31.2 16.4 24.6

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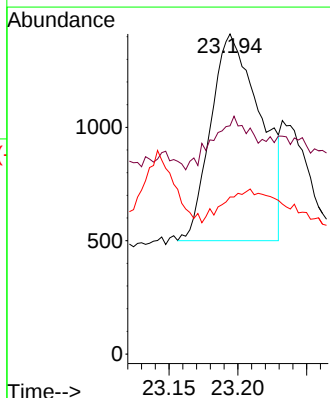
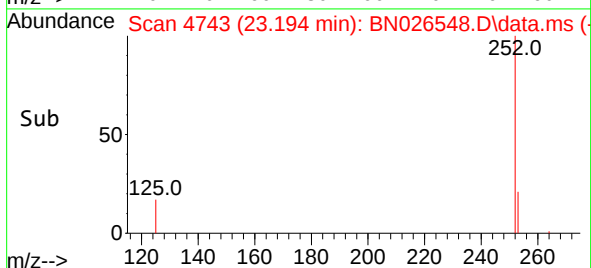
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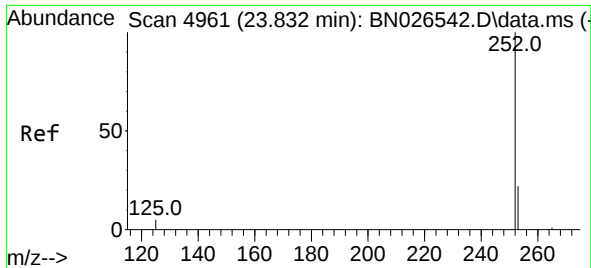


#24
Benzo(b)fluoranthene
Concen: 0.052 ng/ul m
RT: 23.194 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07



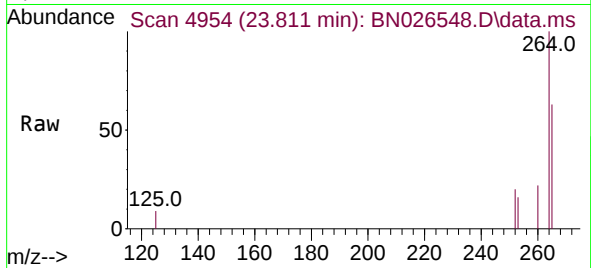
Tgt Ion:252 Resp: 2297
Ion Ratio Lower Upper
252 100
253 71.3 0.0 68.6#
125 49.1 0.0 34.0#





#26
Benzo(a)pyrene
Concen: 0.041 ng/u1
RT: 23.811 min Scan# 4961
Delta R.T. -0.015 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

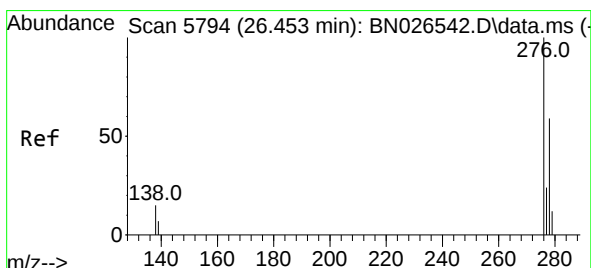
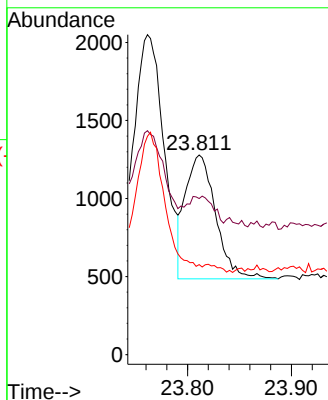
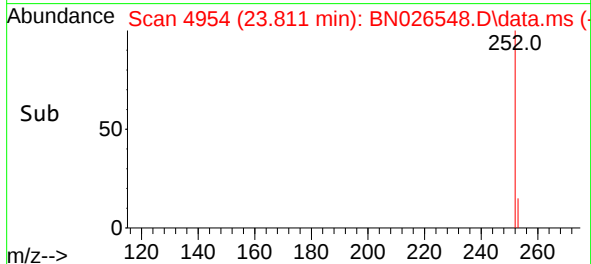
Instrument :
BNA_N
ClientSampleId :
A46M0



Tgt Ion:252 Resp: 1600
Ion Ratio Lower Upper
252 100
253 78.2 32.6 49.0#
125 45.1 19.3 28.9#

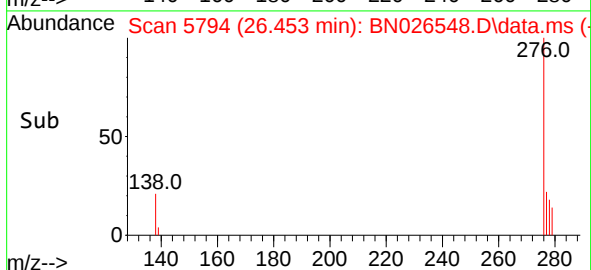
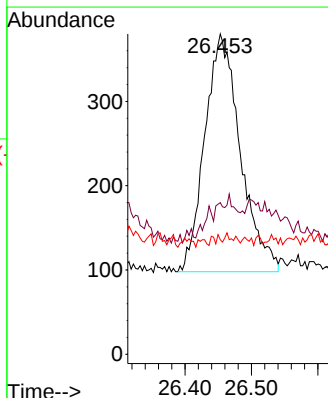
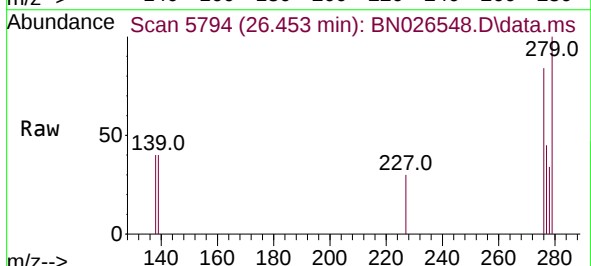
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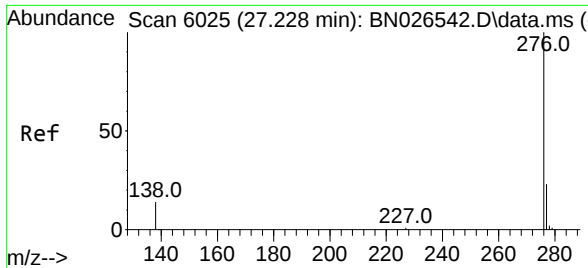
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Supervised By :mohammad ahmed 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/u1
RT: 26.453 min Scan# 5794
Delta R.T. -0.001 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

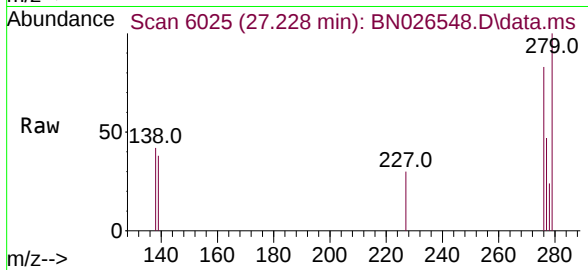
Tgt Ion:276 Resp: 1049
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.4 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/ul
 RT: 27.228 min Scan# 6025
 Delta R.T. 0.003 min
 Lab File: BN026548.D
 Acq: 17 Jul 2023 22:07

Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 104

Ion	Ratio	Lower	Upper
276	100		
138	50.7	22.6	34.0
277	56.0	21.8	32.8

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