

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026470.D
 Acq On : 11 Jul 2023 20:50
 Operator : MA/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 02:13:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3879	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.720	136	17541	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.561	164	9973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	17859	0.400	ng/ul	-0.01
17) Chrysene-d12	21.511	240	11798	0.400	ng/ul	0.00
23) Perylene-d12	23.954	264	12249	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	6216	1.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	1596	0.059	ng/ul	-0.01
18) Fluoranthene-d10	19.339	212	3085	0.069	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.769	128	7443	0.148	ng/ul	97
15) Phenanthrene	17.351	178	5328	0.090	ng/ul#	93
19) Fluoranthene	19.372	202	14777	0.234	ng/ul	100
20) Pyrene	19.734	202	11231m	0.171	ng/ul	
21) Benzo(a)anthracene	21.493	228	5126	0.105	ng/ul#	90
22) Chrysene	21.546	228	6091	0.120	ng/ul#	94
24) Benzo(b)fluoranthene	23.215	252	8226m	0.157	ng/ul	
25) Benzo(k)fluoranthene	23.250	252	3392m	0.065	ng/ul	
26) Benzo(a)pyrene	23.852	252	3214	0.071	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	26.527	276	3486	0.070	ng/ul#	44

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

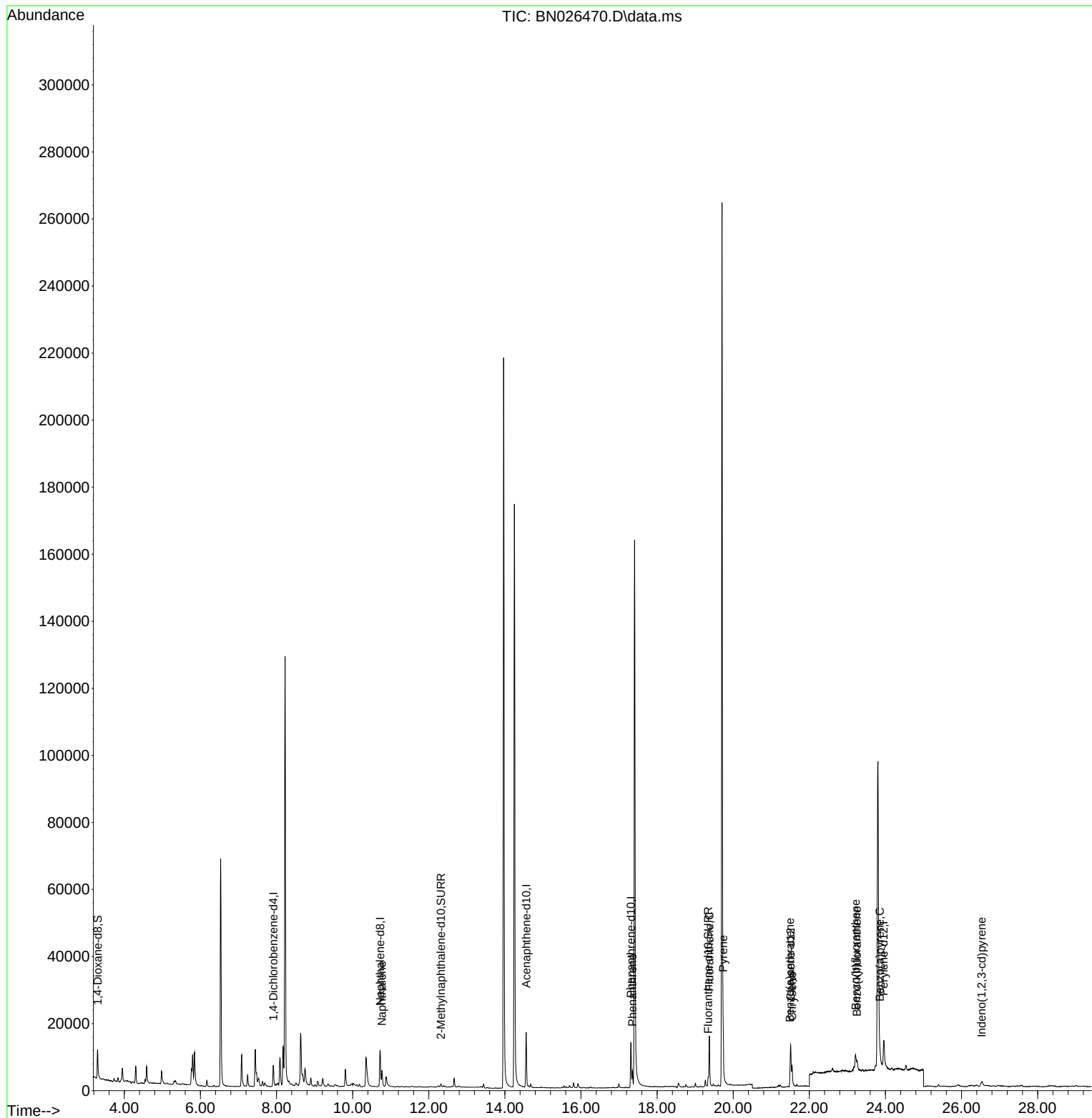
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
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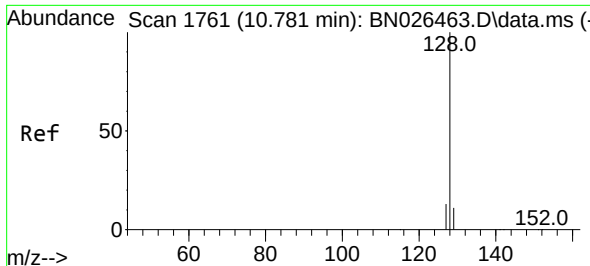
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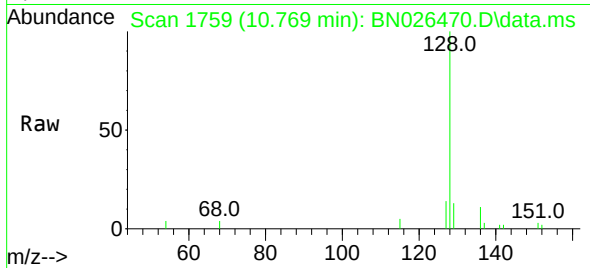
Quant Time: Jul 12 02:13:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.769 min Scan# 111
Delta R.T. -0.018 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

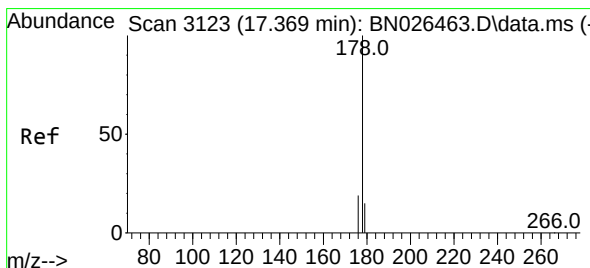
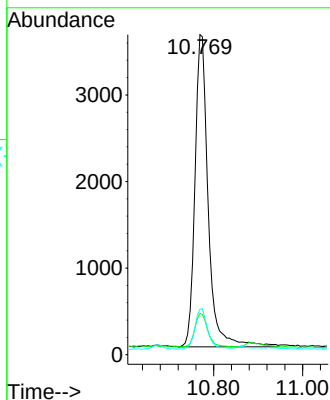
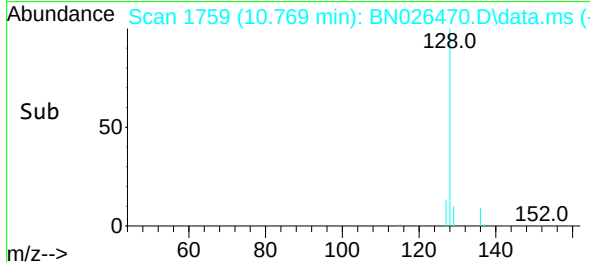
Instrument :
BNA_N
ClientSampleId :
A46F5



Tgt Ion:128 Resp: 744
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.2 10.7 16.1

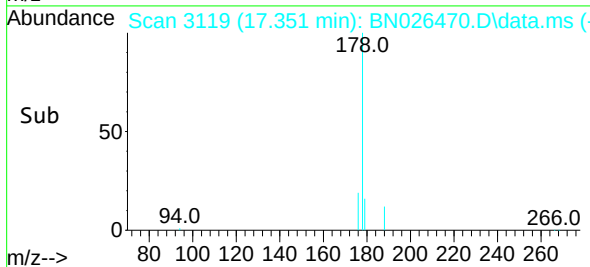
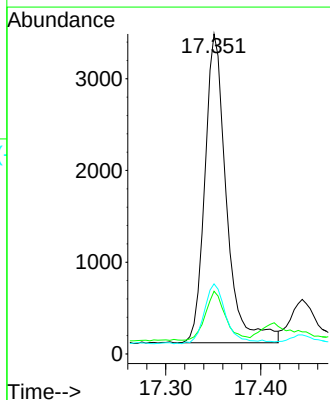
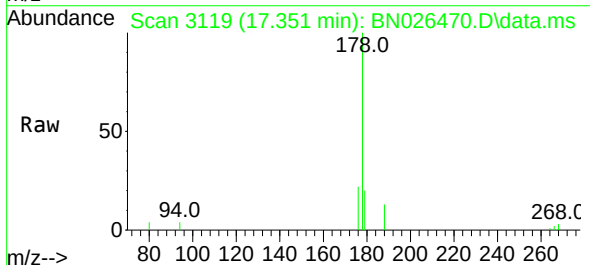
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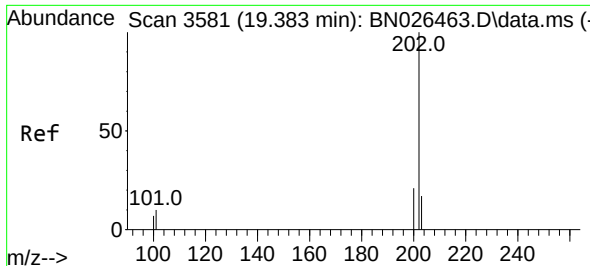
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.017 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

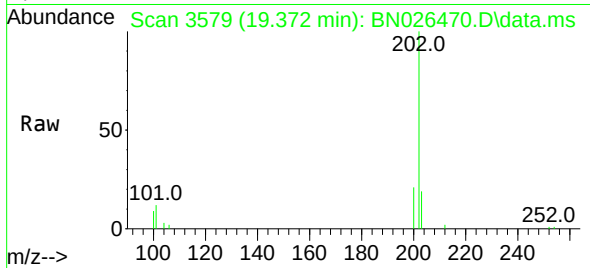
Tgt Ion:178 Resp: 5328
Ion Ratio Lower Upper
178 100
179 19.6 12.6 19.0#
176 21.9 15.8 23.6





#19
Fluoranthene
Concen: 0.234 ng/ul
RT: 19.372 min Scan# 3579
Delta R.T. -0.015 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

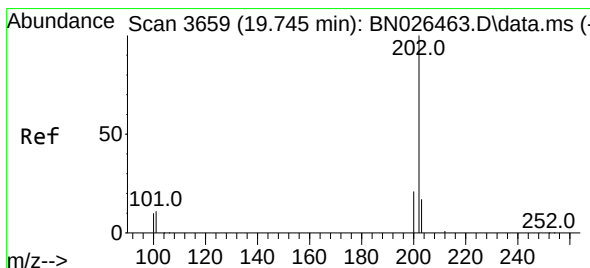
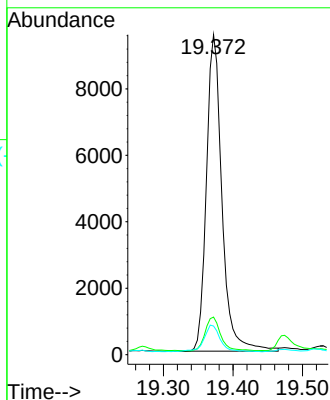
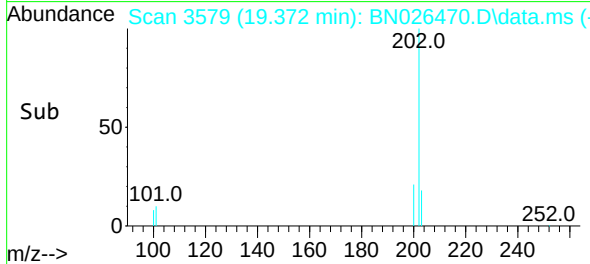
Instrument :
BNA_N
ClientSampleId :
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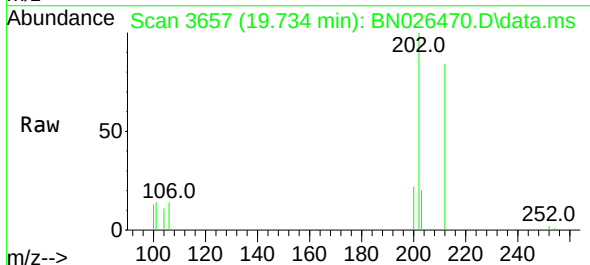
Tgt Ion:202 Resp: 1477
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.0 7.3 10.9

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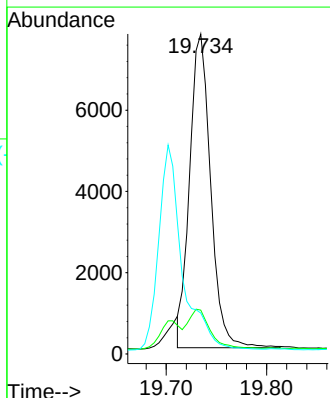
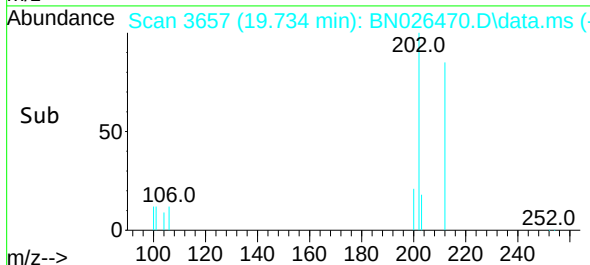
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

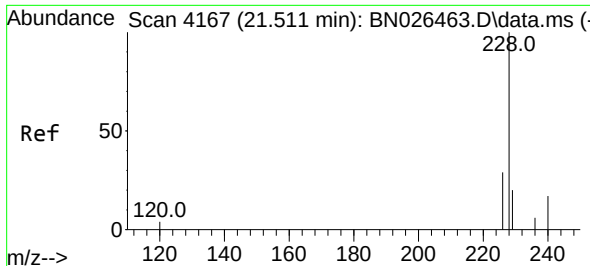


#20
Pyrene
Concen: 0.171 ng/ul m
RT: 19.734 min Scan# 3657
Delta R.T. -0.015 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50



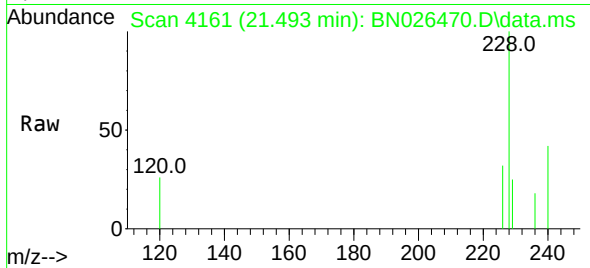
Tgt Ion:202 Resp: 11231
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 12.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.105 ng/u1
RT: 21.493 min Scan# 4161
Delta R.T. -0.007 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

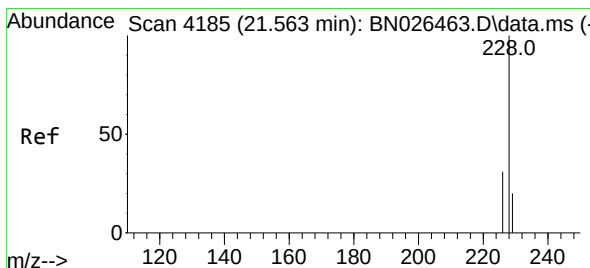
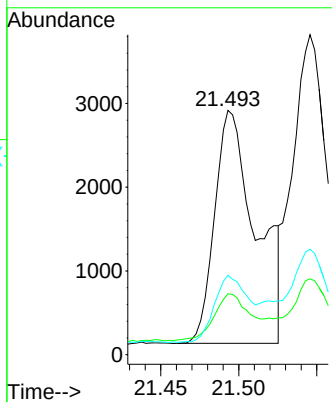
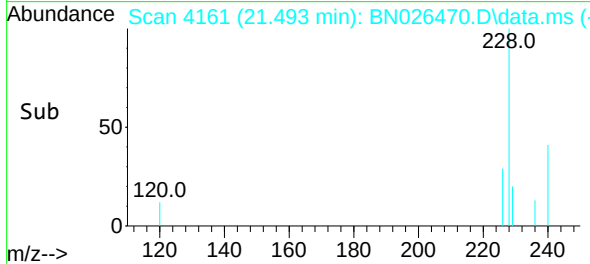
Instrument :
BNA_N
ClientSampleId :
A46F5



Tgt Ion:228 Resp: 5120
Ion Ratio Lower Upper
228 100
229 24.9 15.8 23.6
226 32.5 22.5 33.7

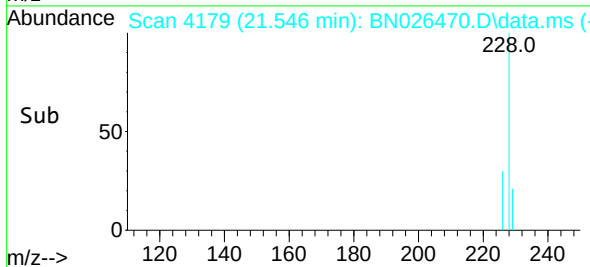
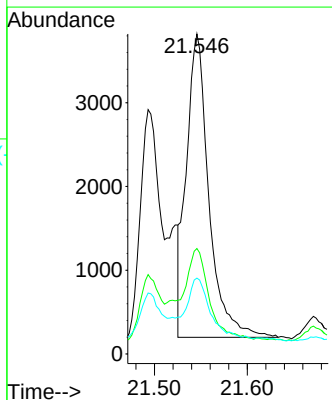
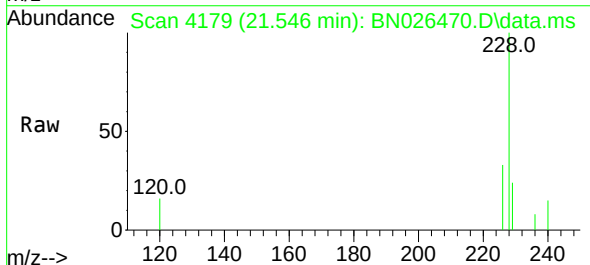
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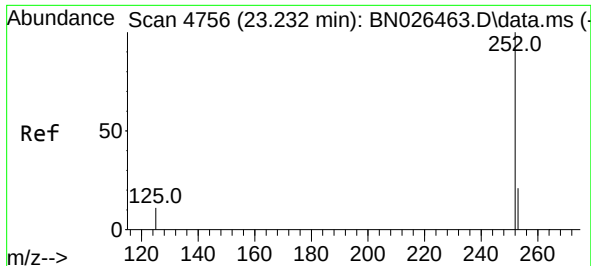
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 0.120 ng/u1
RT: 21.546 min Scan# 4179
Delta R.T. -0.007 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

Tgt Ion:228 Resp: 6091
Ion Ratio Lower Upper
228 100
226 33.0 24.8 37.2
229 23.7 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.157 ng/ul m

RT: 23.215 min Scan# 4750

Delta R.T. -0.004 min

Lab File: BN026470.D

Acq: 11 Jul 2023 20:50

Instrument :

BNA_N

ClientSampleId :

A46F5

Tgt Ion:252 Resp: 8220

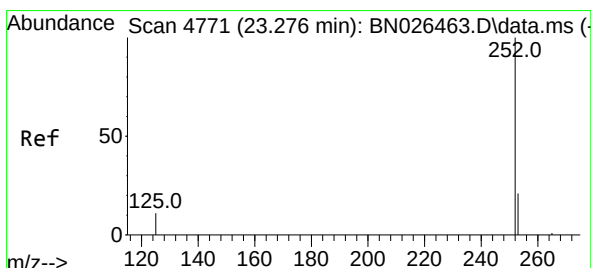
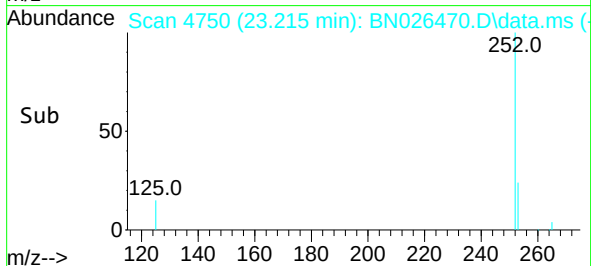
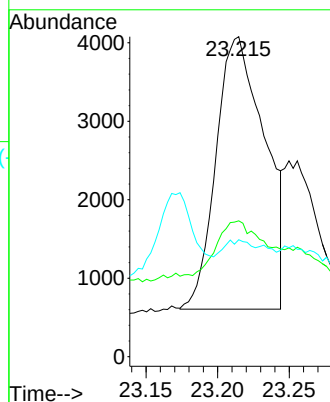
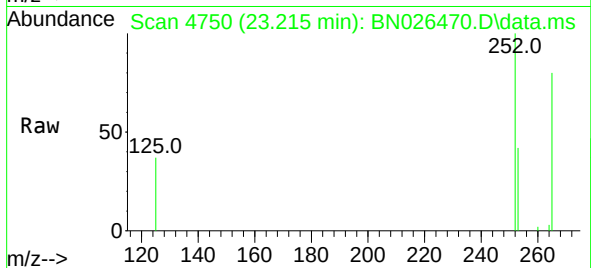
Ion	Ratio	Lower	Upper
252	100		
253	42.5	0.0	55.6
125	36.5	0.0	35.8

Manual Integrations

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#25

Benzo(k)fluoranthene

Concen: 0.065 ng/ul m

RT: 23.250 min Scan# 4762

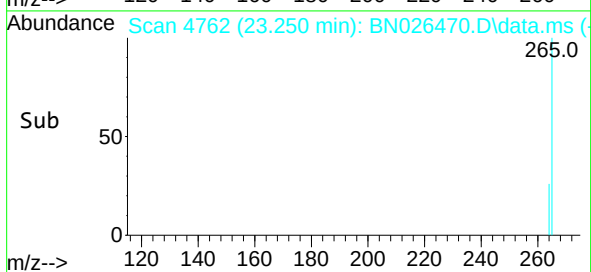
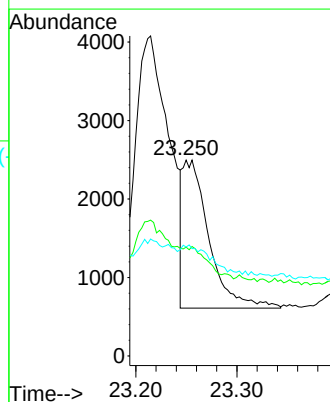
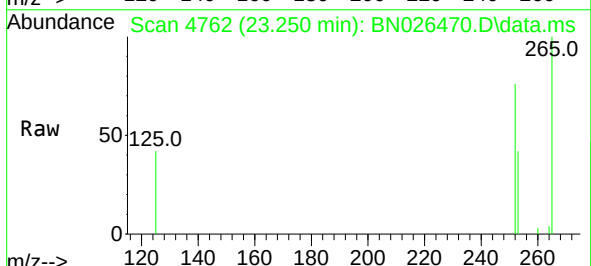
Delta R.T. -0.012 min

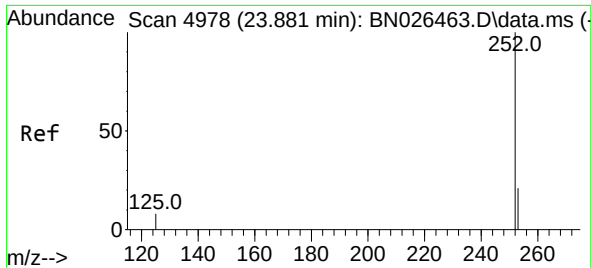
Lab File: BN026470.D

Acq: 11 Jul 2023 20:50

Tgt Ion:252 Resp: 3392

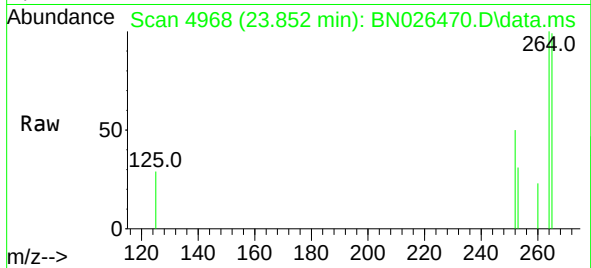
Ion	Ratio	Lower	Upper
252	100		
253	55.6	23.2	34.8#
125	55.6	15.0	22.4#





#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.852 min Scan# 4978
Delta R.T. -0.018 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

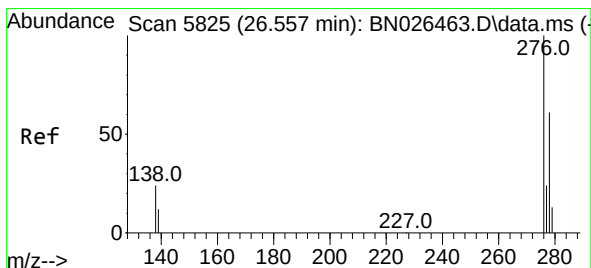
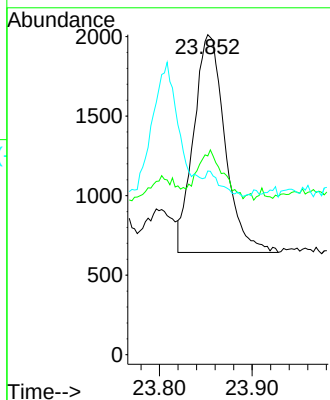
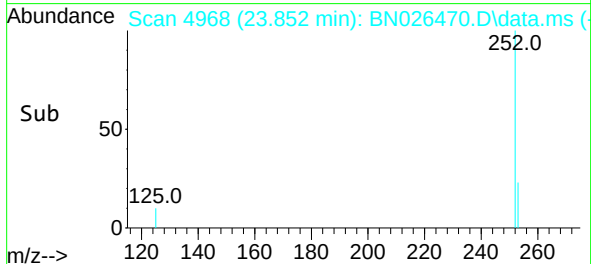
Instrument :
BNA_N
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Tgt Ion:252 Resp: 3214
Ion Ratio Lower Upper
252 100
253 62.1 26.0 39.0#
125 57.4 17.3 25.9#

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Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 26.527 min Scan# 5816
Delta R.T. -0.014 min
Lab File: BN026470.D
Acq: 11 Jul 2023 20:50

Tgt Ion:276 Resp: 3486
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7#
227 0.1 0.0 0.0#

