

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026471.D
 Acq On : 11 Jul 2023 21:27
 Operator : MA/JU
 Sample : 03414-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46G0

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 02:13:48 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	4957	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	16321	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.557	164	8669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	13230	0.400	ng/ul	-0.02
17) Chrysene-d12	21.503	240	9670	0.400	ng/ul	-0.01
23) Perylene-d12	23.953	264	9948	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5346	0.958	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1312	0.052	ng/ul	-0.01
18) Fluoranthene-d10	19.341	212	2125	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7290	0.156	ng/ul	96
15) Phenanthrene	17.352	178	2071	0.047	ng/ul#	82
19) Fluoranthene	19.374	202	5816	0.113	ng/ul	98
20) Pyrene	19.731	202	4865m	0.091	ng/ul	
21) Benzo(a)anthracene	21.492	228	2381	0.060	ng/ul#	84
22) Chrysene	21.544	228	2485	0.060	ng/ul#	86
24) Benzo(b)fluoranthene	23.208	252	3746m	0.088	ng/ul	
25) Benzo(k)fluoranthene	23.248	252	1903m	0.045	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.518	276	1700	0.042	ng/ul#	82

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

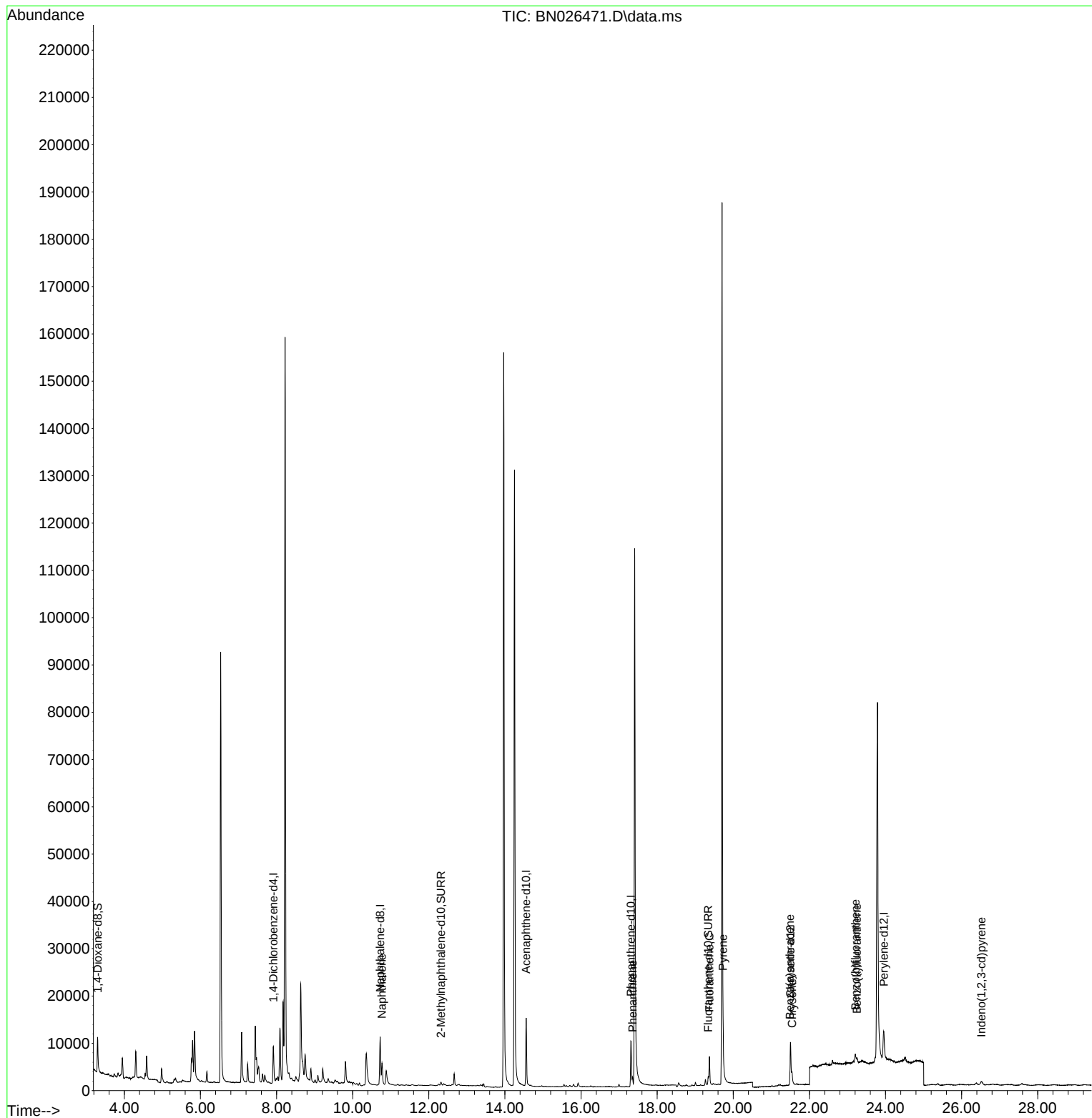
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026471.D
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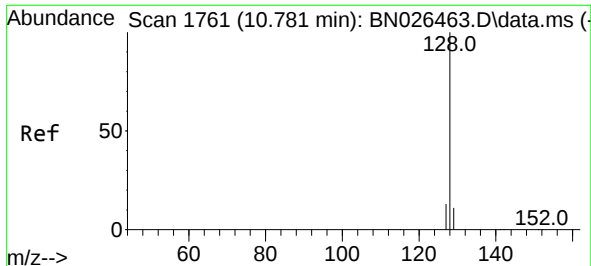
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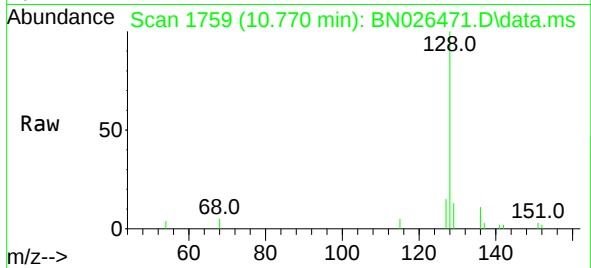
Quant Time: Jul 12 02:13:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
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#5
Naphthalene
Concen: 0.156 ng/ul
RT: 10.770 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

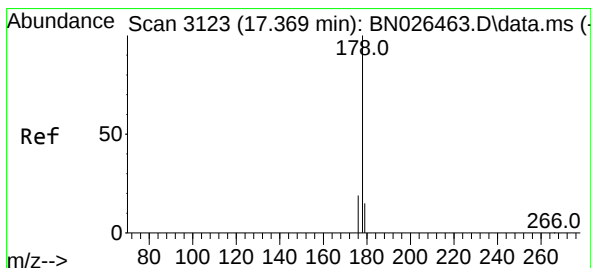
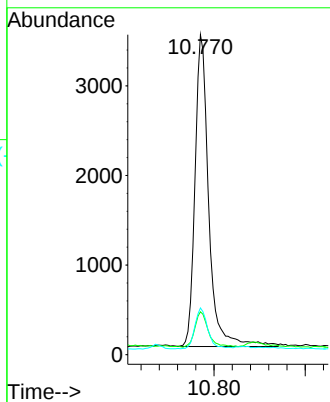
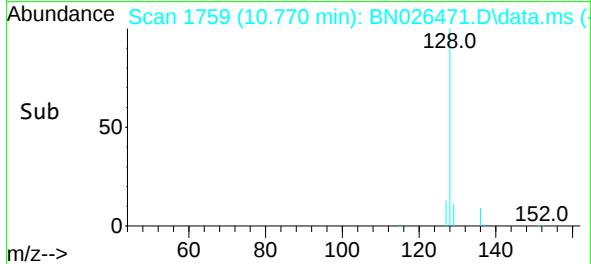
Instrument :
BNA_N
ClientSampleId :
A46G0



Tgt Ion:128 Resp: 7290
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 14.6 10.7 16.1

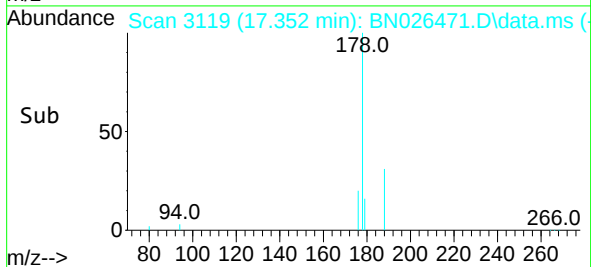
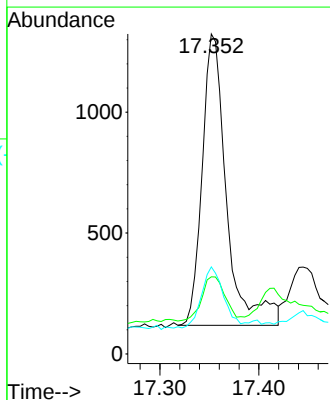
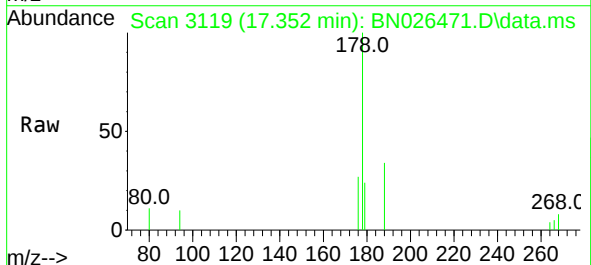
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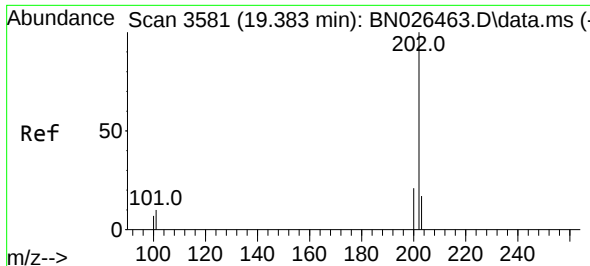
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. -0.016 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

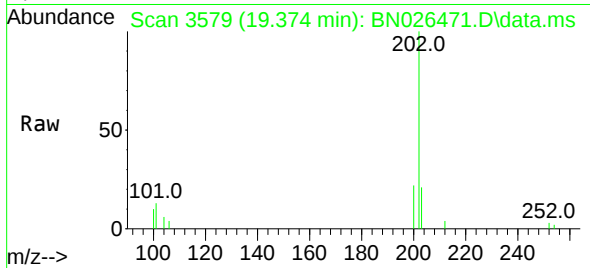
Tgt Ion:178 Resp: 2071
Ion Ratio Lower Upper
178 100
179 24.1 12.6 19.0#
176 27.2 15.8 23.6#





#19
Fluoranthene
Concen: 0.113 ng/ul
RT: 19.374 min Scan# 3579
Delta R.T. -0.013 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

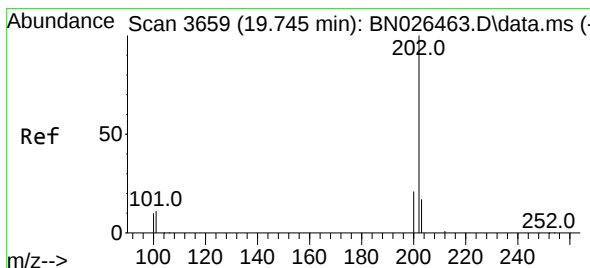
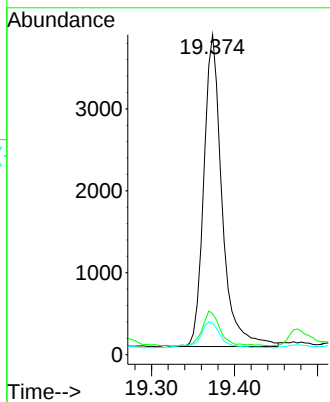
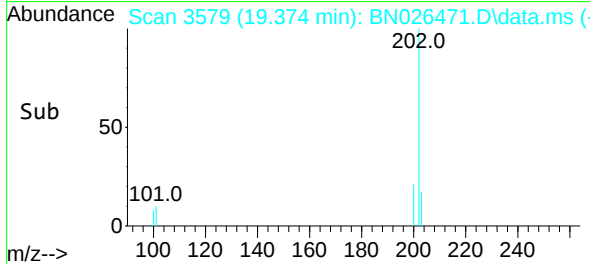
Instrument :
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ClientSampleId :
A46G0



Tgt Ion:202 Resp: 5810
Ion Ratio Lower Upper
202 100
101 12.9 9.5 14.3
100 9.9 7.3 10.9

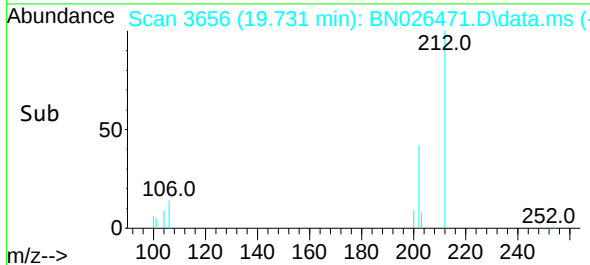
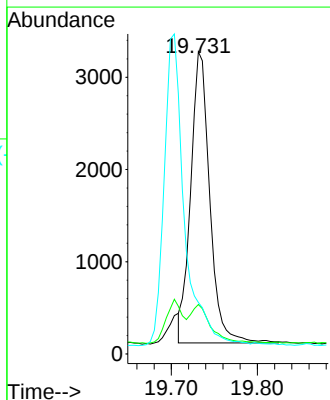
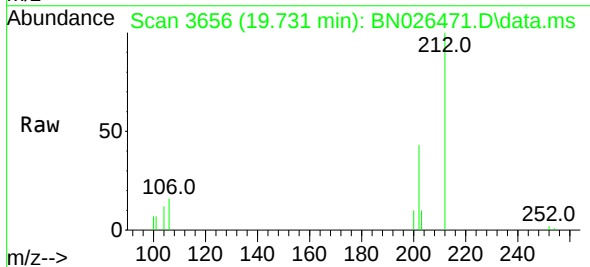
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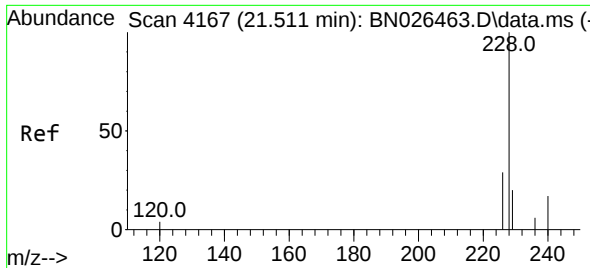
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 0.091 ng/ul m
RT: 19.731 min Scan# 3656
Delta R.T. -0.018 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

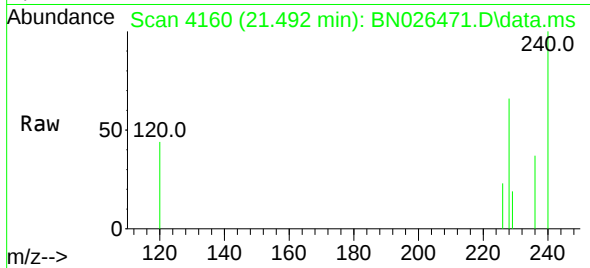
Tgt Ion:202 Resp: 4865
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.0
100 17.0 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.060 ng/u1
RT: 21.492 min Scan# 4160
Delta R.T. -0.008 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

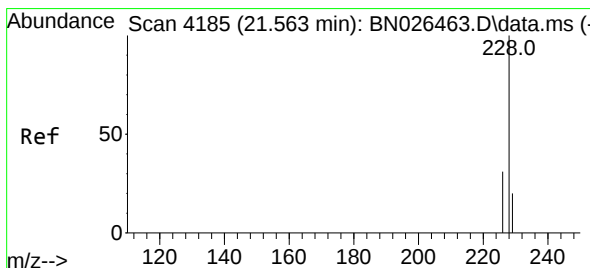
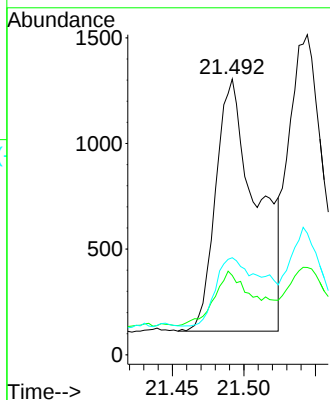
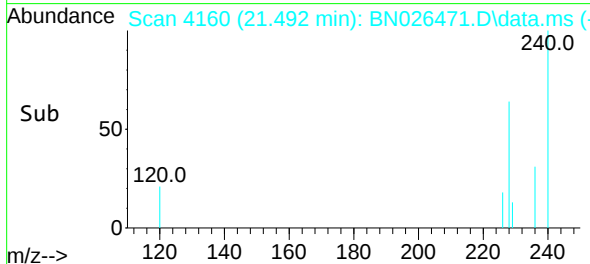
Instrument :
BNA_N
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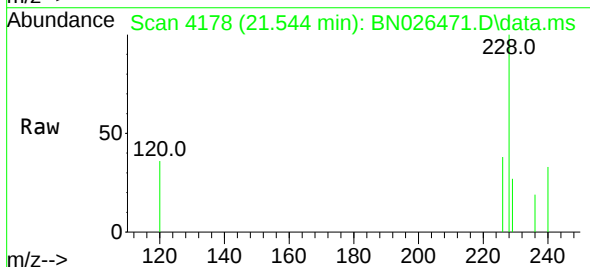
Tgt Ion:228 Resp: 2385
Ion Ratio Lower Upper
228 100
229 28.7 15.8 23.6#
226 35.2 22.5 33.7#

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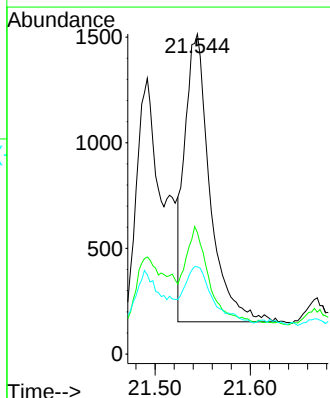
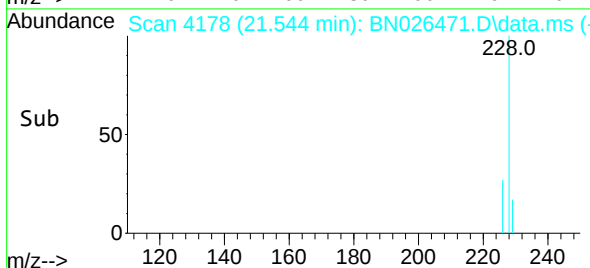
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

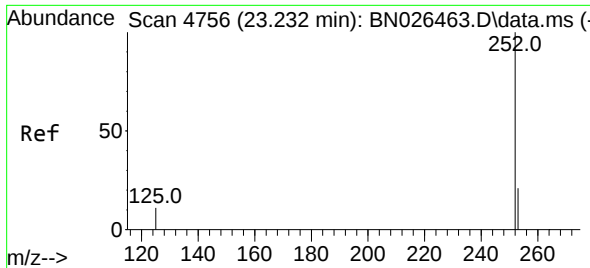


#22
Chrysene
Concen: 0.060 ng/u1
RT: 21.544 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27



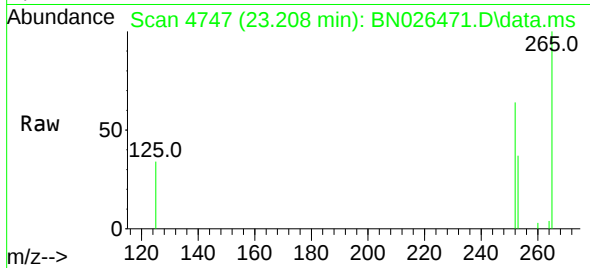
Tgt Ion:228 Resp: 2485
Ion Ratio Lower Upper
228 100
226 38.0 24.8 37.2#
229 27.3 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.208 min Scan# 4756
Delta R.T. -0.011 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

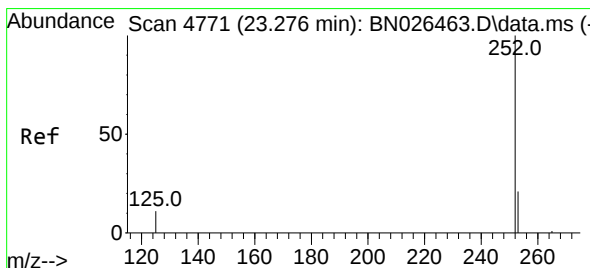
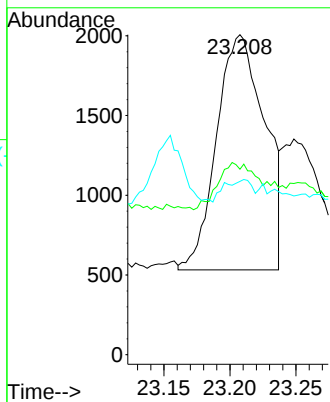
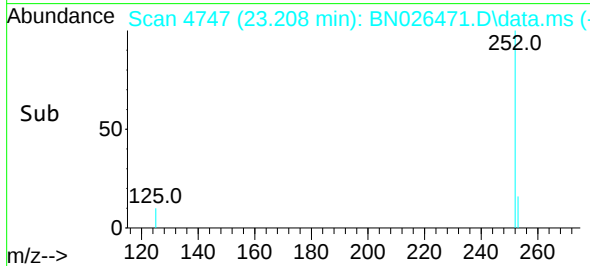
Instrument :
BNA_N
ClientSampleId :
A46G0



Tgt Ion:252 Resp: 3740
Ion Ratio Lower Upper
252 100
253 57.9 0.0 55.6#
125 54.2 0.0 35.8#

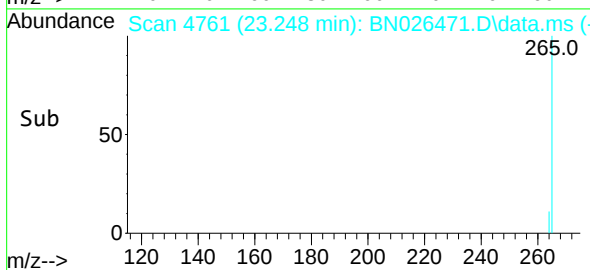
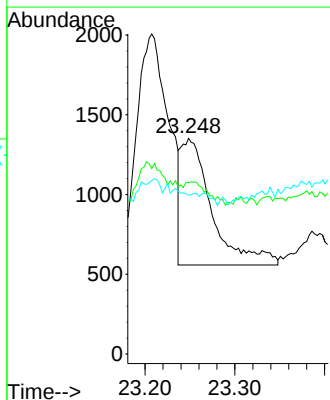
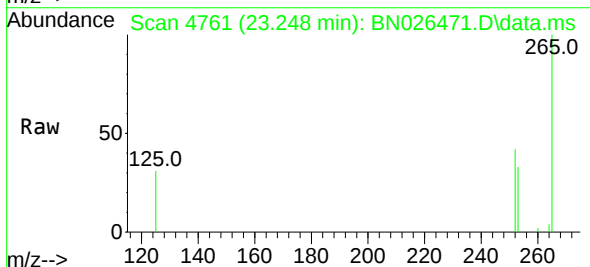
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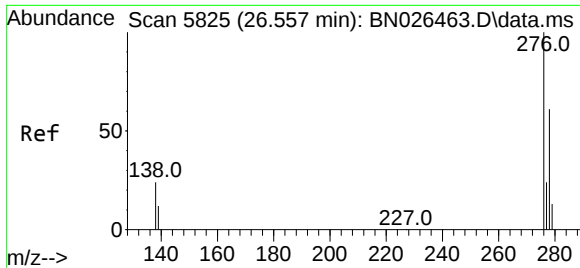
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. -0.014 min
Lab File: BN026471.D
Acq: 11 Jul 2023 21:27

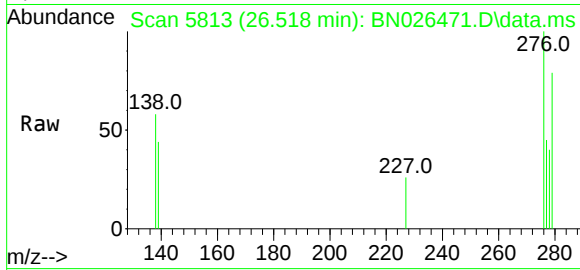
Tgt Ion:252 Resp: 1903
Ion Ratio Lower Upper
252 100
253 79.4 23.2 34.8#
125 73.6 15.0 22.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.042 ng/ul
 RT: 26.518 min Scan# 5813
 Delta R.T. -0.023 min
 Lab File: BN026471.D
 Acq: 11 Jul 2023 21:27

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 1700

Ion	Ratio	Lower	Upper
276	100		
138	20.5	24.5	36.7
227	0.4	0.0	0.0

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