

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026472.D
 Acq On : 11 Jul 2023 22:04
 Operator : MA/JU
 Sample : 03414-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46E5

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 02:13:56 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	4655	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	13811	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.557	164	7801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	13271	0.400	ng/ul	-0.02
17) Chrysene-d12	21.503	240	8156	0.400	ng/ul	#-0.01
23) Perylene-d12	23.938	264	9150	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2408	0.459	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	5211	0.245	ng/ul	-0.02
18) Fluoranthene-d10	19.341	212	9406	0.303	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.770	128	6786	0.171	ng/ul	96
7) 2-Methylnaphthalene	12.392	142	510	0.020	ng/ul	98
15) Phenanthrene	17.352	178	4248	0.097	ng/ul#	91
16) Anthracene	17.445	178	938	0.024	ng/ul#	52
19) Fluoranthene	19.374	202	12160	0.279	ng/ul	100
20) Pyrene	19.731	202	10244	0.226	ng/ul#	97
21) Benzo(a)anthracene	21.489	228	4004	0.119	ng/ul#	90
22) Chrysene	21.541	228	4248	0.121	ng/ul#	92
24) Benzo(b)fluoranthene	23.196	252	6740m	0.173	ng/ul	
25) Benzo(k)fluoranthene	23.234	252	2463m	0.063	ng/ul	
26) Benzo(a)pyrene	23.827	252	2288	0.067	ng/ul#	25
27) Indeno(1,2,3-cd)pyrene	26.488	276	2941	0.079	ng/ul#	73

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

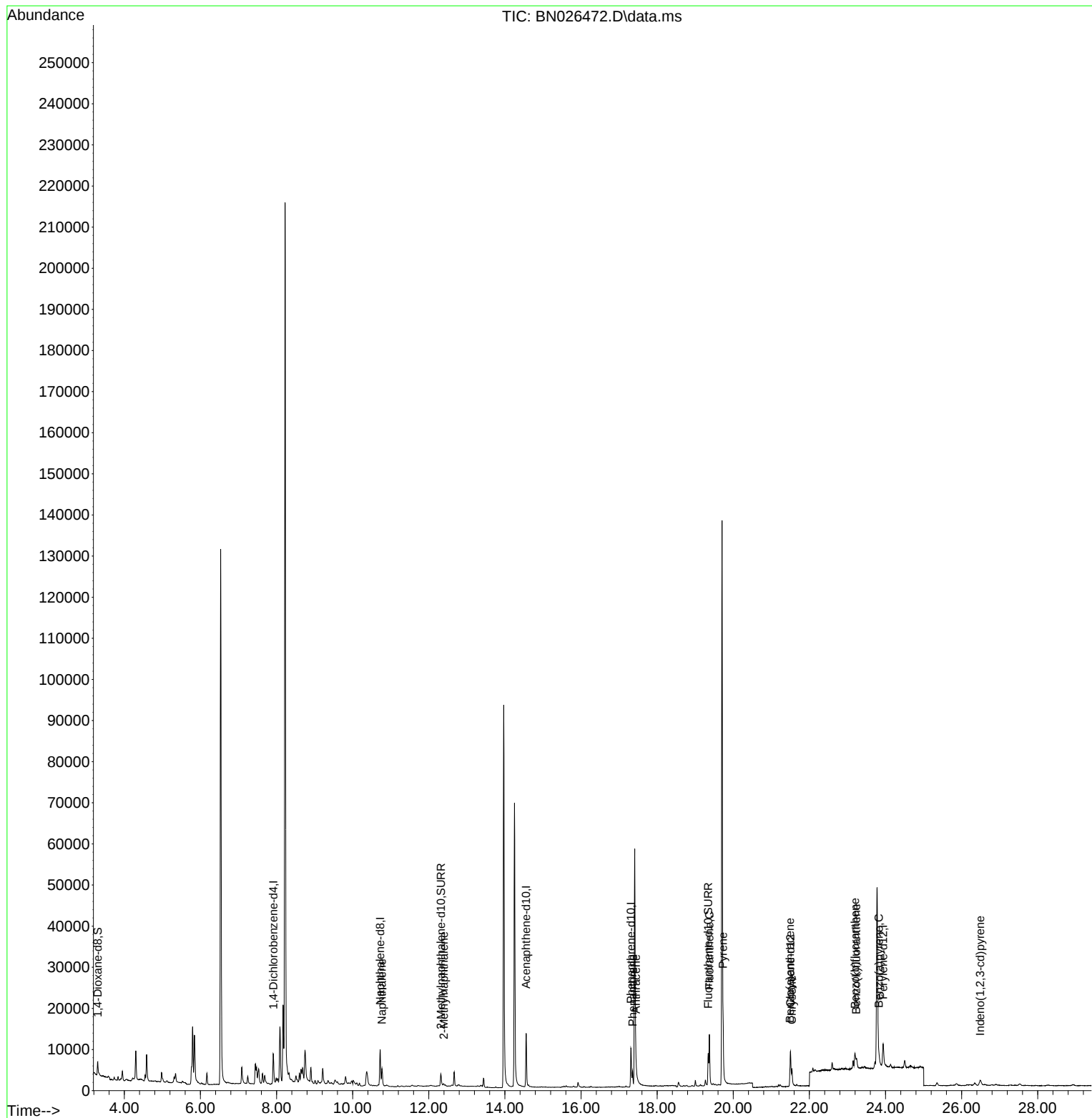
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026472.D
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Sample : 03414-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

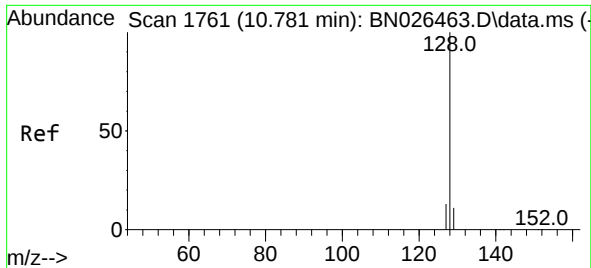
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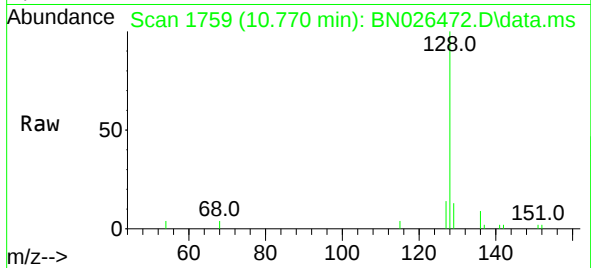
Quant Time: Jul 12 02:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
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#5
Naphthalene
Concen: 0.171 ng/ul
RT: 10.770 min Scan# 1761
Delta R.T. -0.016 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

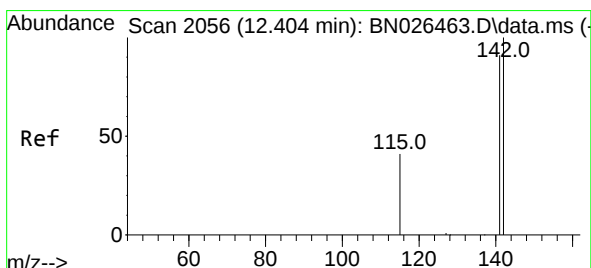
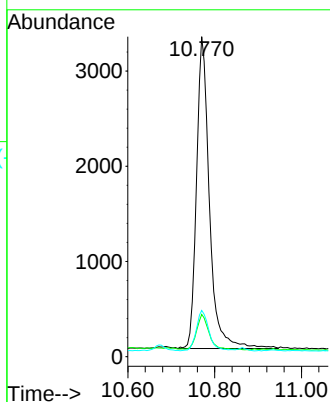
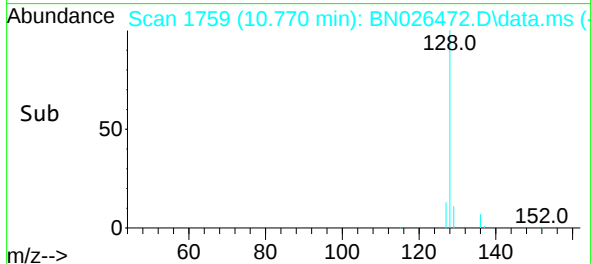
Instrument :
BNA_N
ClientSampleId :
A46E5



Tgt Ion:128 Resp: 6780
Ion Ratio Lower Upper
128 100
129 13.2 9.1 13.7
127 14.5 10.7 16.1

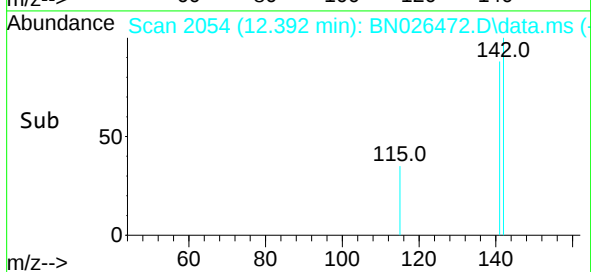
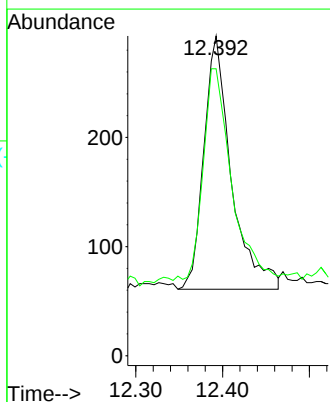
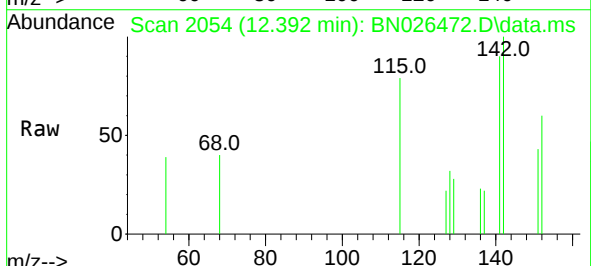
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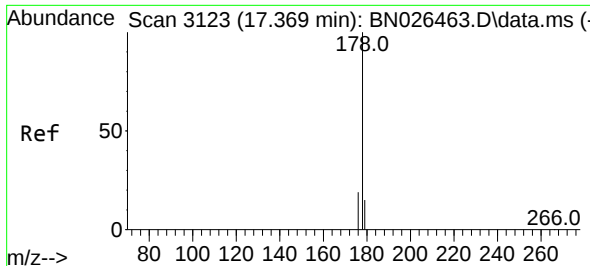
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

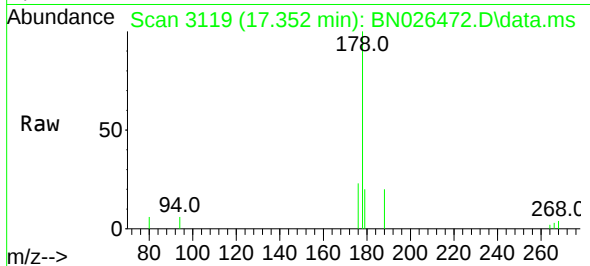
Tgt Ion:142 Resp: 510
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#15
Phenanthrene
Concen: 0.097 ng/u1
RT: 17.352 min Scan# 3119
Delta R.T. -0.016 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

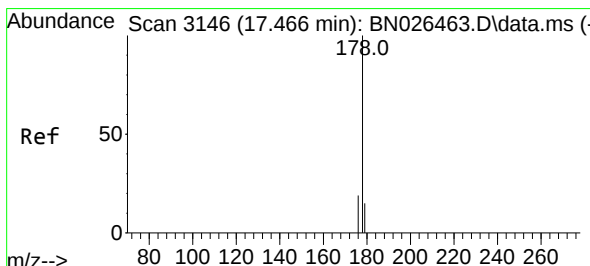
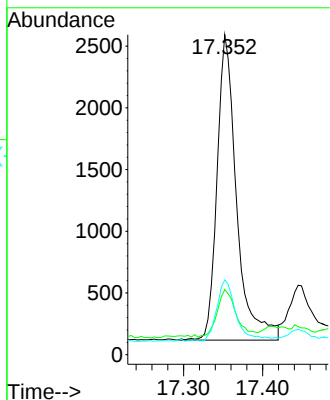
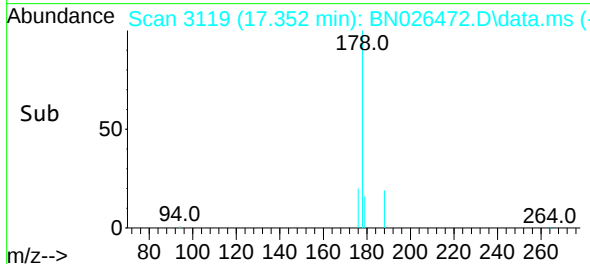
Instrument :
BNA_N
ClientSampleId :
A46E5



Tgt Ion:178 Resp: 4248
Ion Ratio Lower Upper
178 100
179 20.4 12.6 19.0#
176 23.4 15.8 23.6

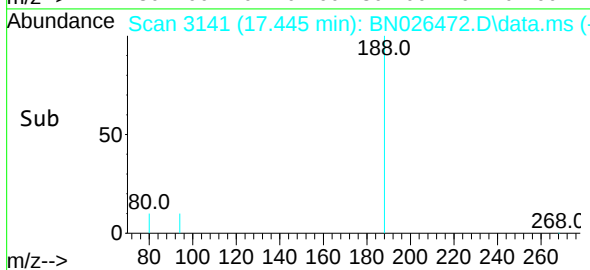
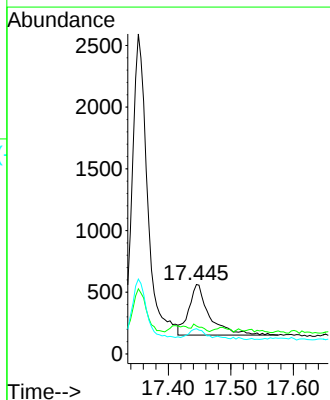
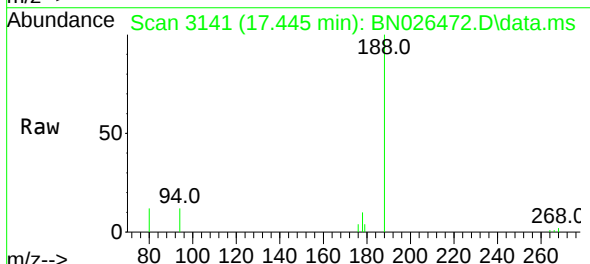
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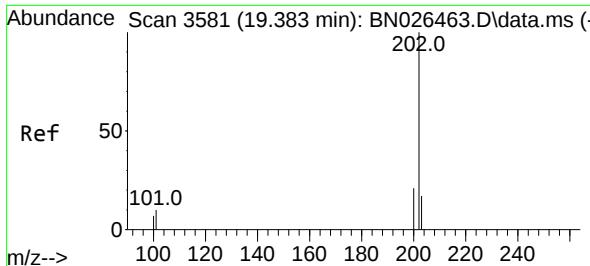
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.024 ng/u1
RT: 17.445 min Scan# 3141
Delta R.T. -0.020 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

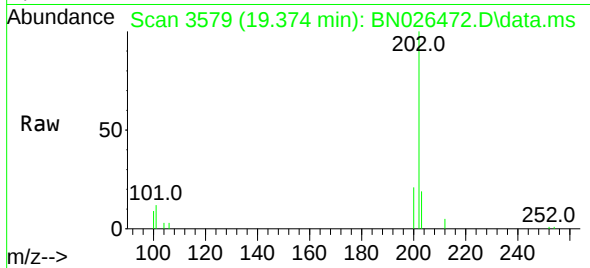
Tgt Ion:178 Resp: 938
Ion Ratio Lower Upper
178 100
179 40.4 12.6 18.8#
176 36.5 15.1 22.7#





#19
Fluoranthene
Concen: 0.279 ng/u1
RT: 19.374 min Scan# 3579
Delta R.T. -0.013 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

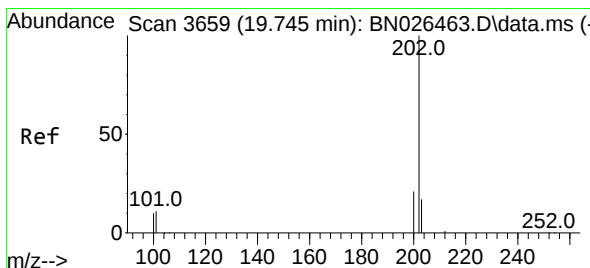
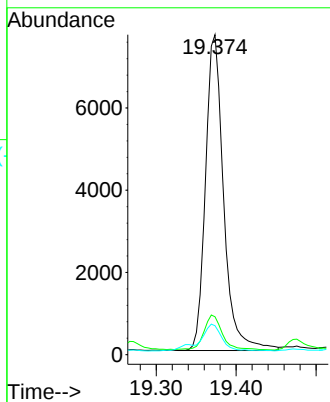
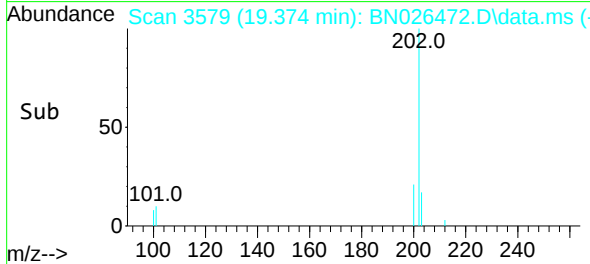
Instrument :
BNA_N
ClientSampleId :
A46E5



Tgt Ion:202 Resp: 12160
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.1 7.3 10.9

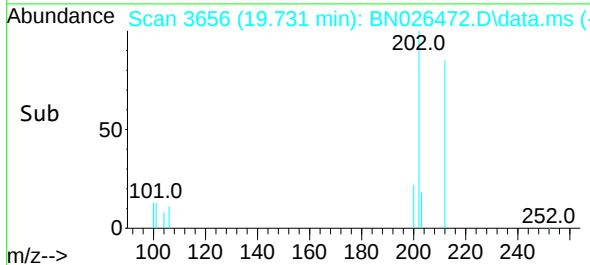
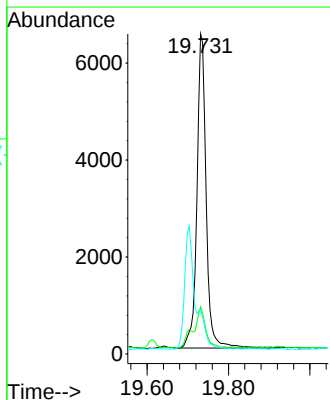
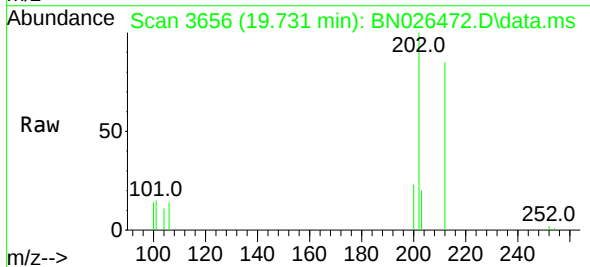
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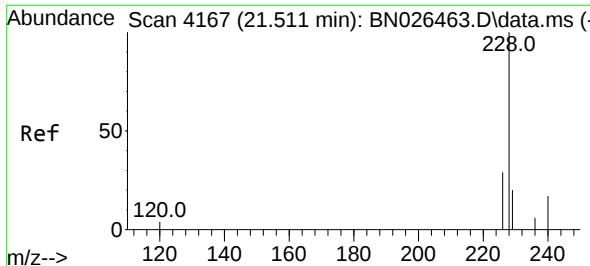
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 0.226 ng/u1
RT: 19.731 min Scan# 3656
Delta R.T. -0.018 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

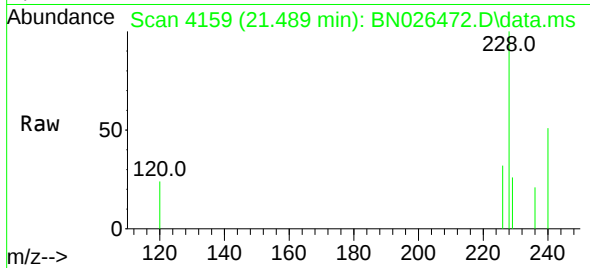
Tgt Ion:202 Resp: 10244
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 13.7 9.1 13.7#





#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.489 min Scan# 4167
Delta R.T. -0.011 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

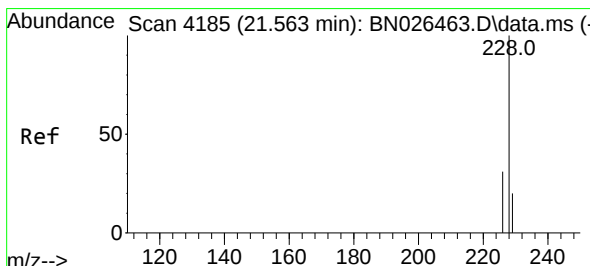
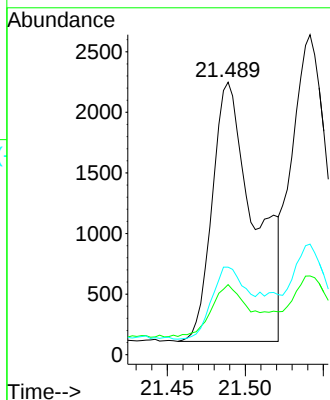
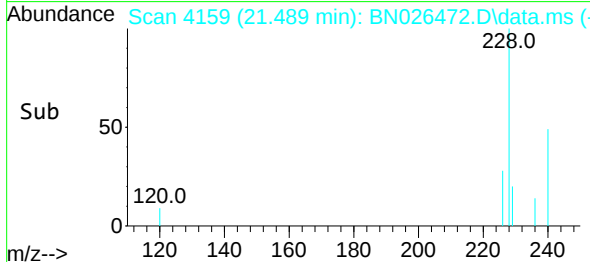
Instrument :
BNA_N
ClientSampleId :
A46E5



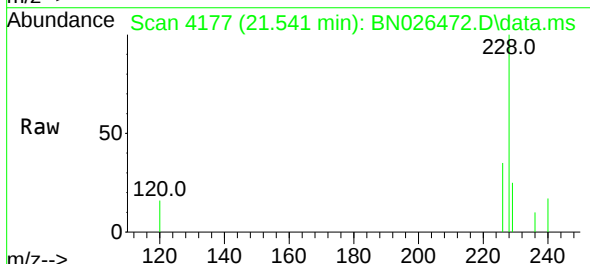
Tgt Ion:228 Resp: 4004
Ion Ratio Lower Upper
228 100
229 25.7 15.8 23.6
226 32.1 22.5 33.7

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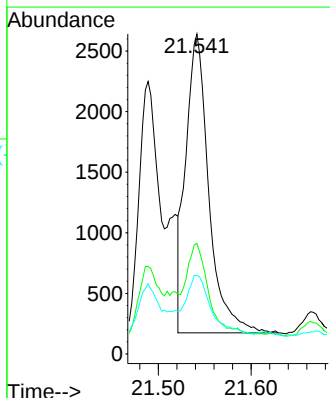
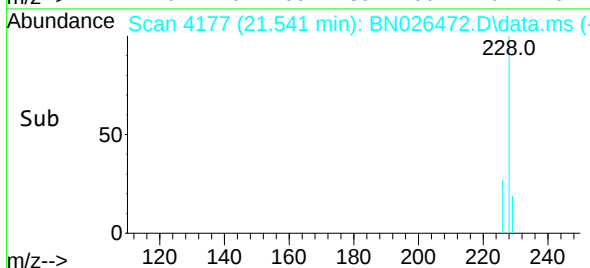
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

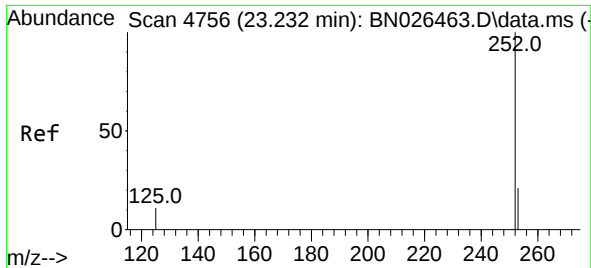


#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.011 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04



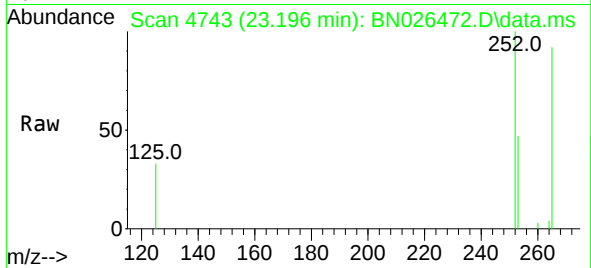
Tgt Ion:228 Resp: 4248
Ion Ratio Lower Upper
228 100
226 34.5 24.8 37.2
229 24.6 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.173 ng/ul m
RT: 23.196 min Scan# 4756
Delta R.T. -0.022 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

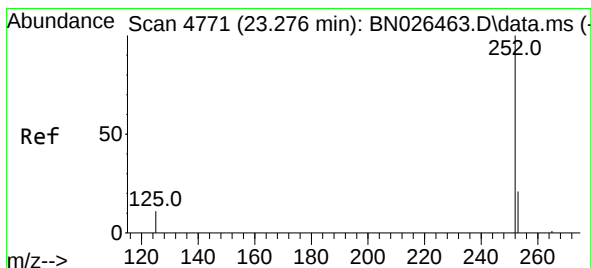
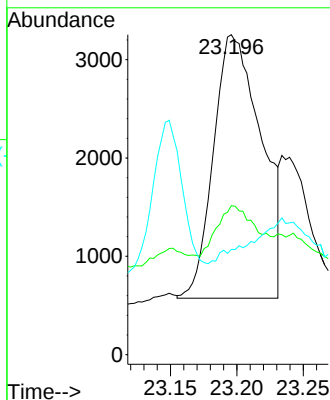
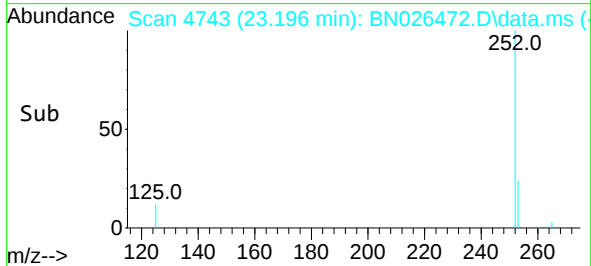
Instrument :
BNA_N
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A46E5



Tgt Ion:252 Resp: 6740
Ion Ratio Lower Upper
252 100
253 46.5 0.0 55.6
125 32.9 0.0 35.8

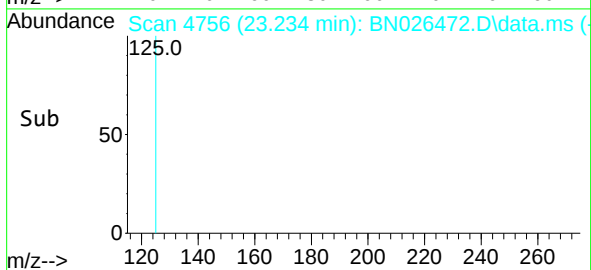
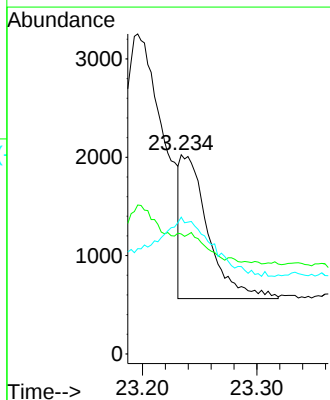
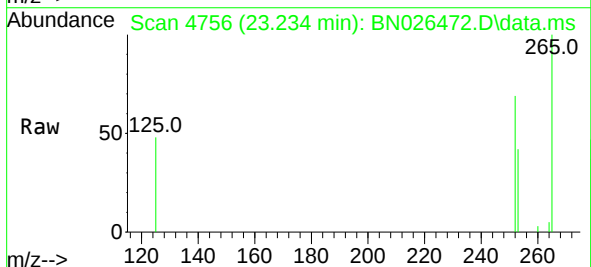
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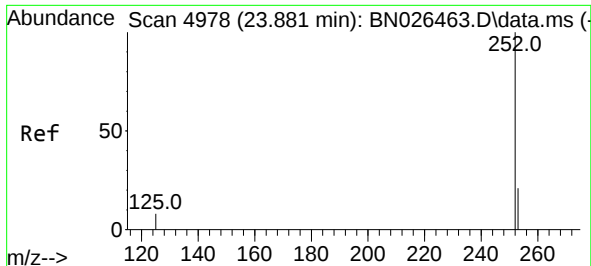
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.063 ng/ul m
RT: 23.234 min Scan# 4756
Delta R.T. -0.028 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

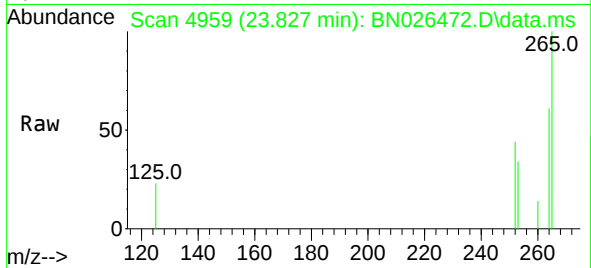
Tgt Ion:252 Resp: 2463
Ion Ratio Lower Upper
252 100
253 60.2 23.2 34.8#
125 68.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.827 min Scan# 4959
Delta R.T. -0.043 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04

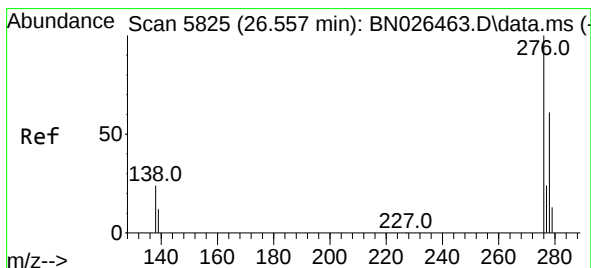
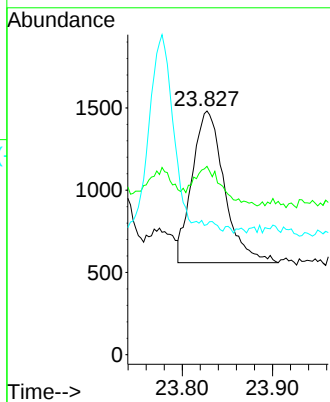
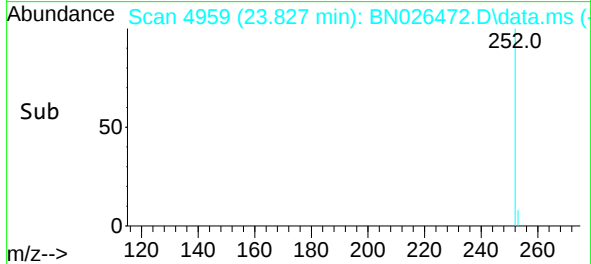
Instrument :
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A46E5



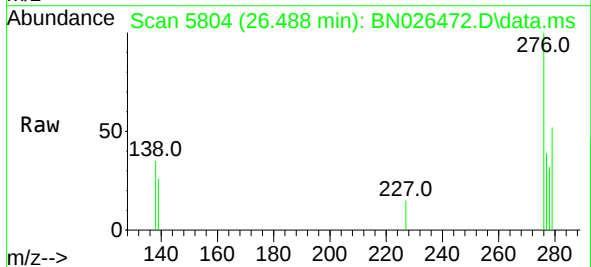
Tgt Ion:252 Resp: 2288
Ion Ratio Lower Upper
252 100
253 77.3 26.0 39.0#
125 53.4 17.3 25.9#

Manual Integrations
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Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.488 min Scan# 5804
Delta R.T. -0.053 min
Lab File: BN026472.D
Acq: 11 Jul 2023 22:04



Tgt Ion:276 Resp: 2941
Ion Ratio Lower Upper
276 100
138 16.0 24.5 36.7#
227 0.7 0.0 0.0#

