

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026467.D
 Acq On : 11 Jul 2023 17:45
 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 02:12:53 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	3729	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.726	136	12876	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.561	164	7182	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	12237	0.400	ng/ul	-0.01
17) Chrysene-d12	21.517	240	7724	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	7884	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1776	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	658	0.033	ng/ul	-0.01
18) Fluoranthene-d10	19.344	212	1362	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	8167	0.221	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	471	0.020	ng/ul	96
15) Phenanthrene	17.355	178	3812	0.094	ng/ul#	91
16) Anthracene	17.448	178	850	0.024	ng/ul#	47
19) Fluoranthene	19.377	202	9799	0.238	ng/ul	99
20) Pyrene	19.735	202	6839	0.159	ng/ul	96
21) Benzo(a)anthracene	21.499	228	3931	0.123	ng/ul#	90
22) Chrysene	21.552	228	4241	0.128	ng/ul#	92
24) Benzo(b)fluoranthene	23.224	252	6613m	0.197	ng/ul	
25) Benzo(k)fluoranthene	23.262	252	2367m	0.070	ng/ul	
26) Benzo(a)pyrene	23.861	252	1894	0.065	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	26.550	276	2417	0.076	ng/ul#	80

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

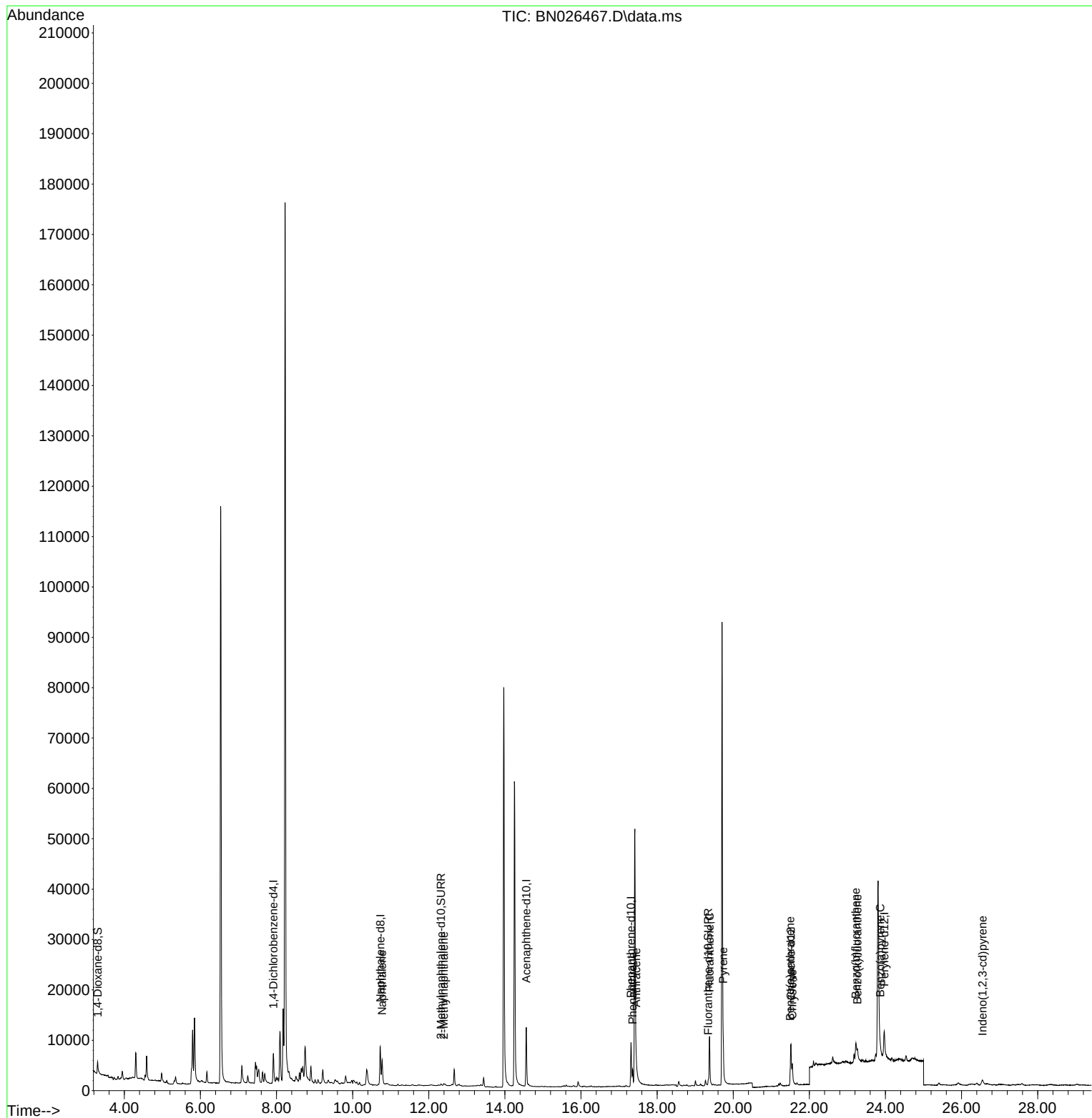
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026467.D
Acq On : 11 Jul 2023 17:45
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Sample : 03414-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

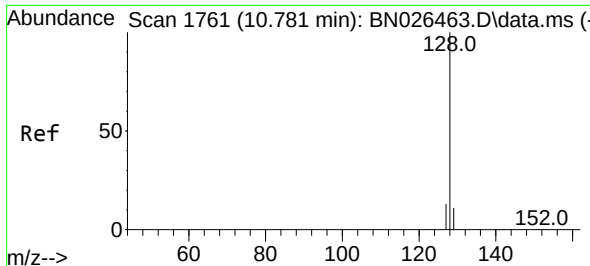
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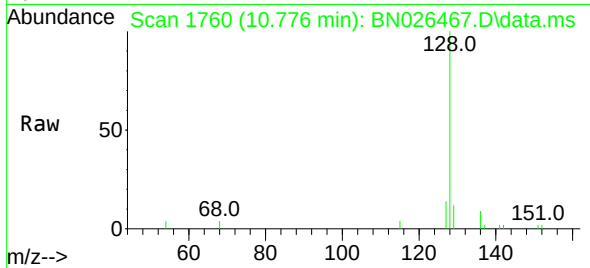
Quant Time: Jul 12 02:12:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
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#5
Naphthalene
Concen: 0.221 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. -0.011 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

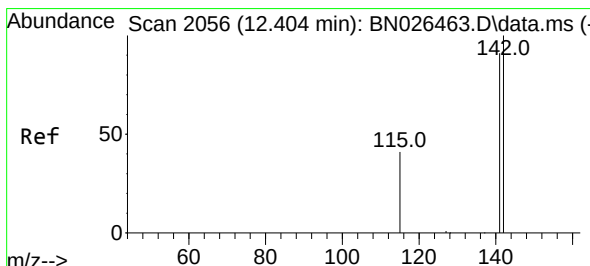
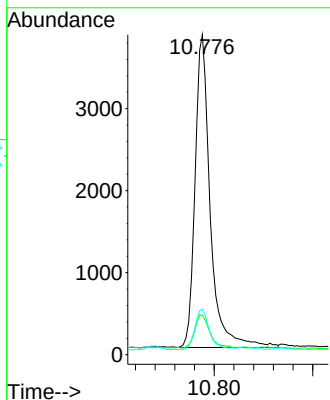
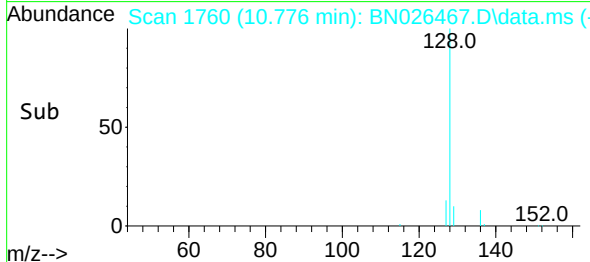
Instrument :
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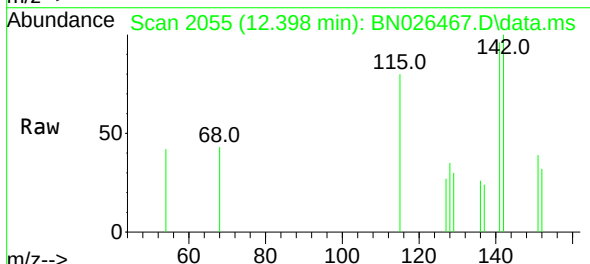
Tgt Ion:128 Resp: 816
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.2 10.7 16.1

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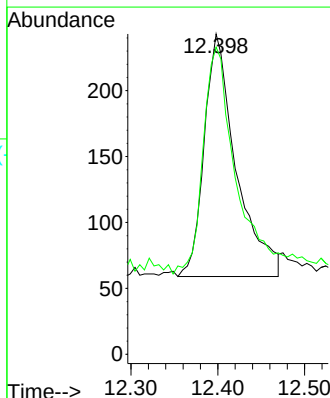
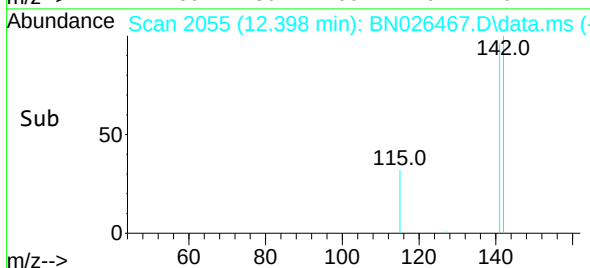
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

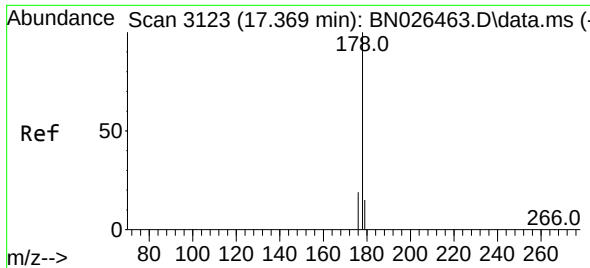


#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45



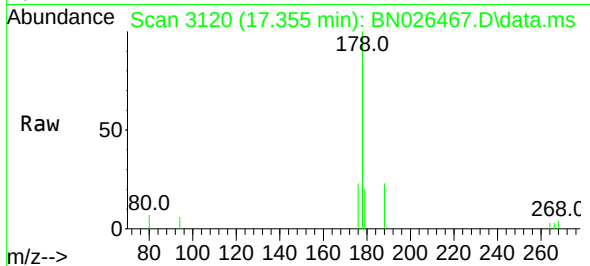
Tgt Ion:142 Resp: 471
Ion Ratio Lower Upper
142 100
141 93.2 71.9 107.9





#15
Phenanthrene
Concen: 0.094 ng/ul
RT: 17.355 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

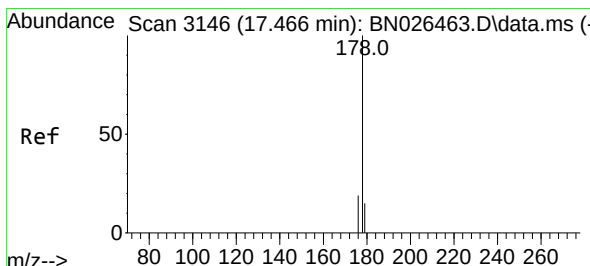
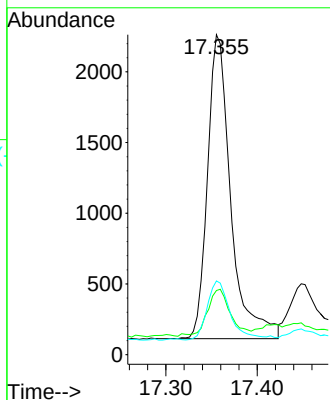
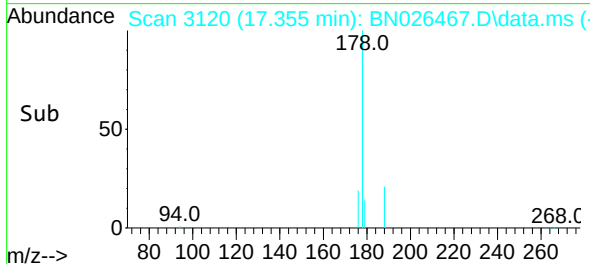
Instrument :
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Tgt Ion:178 Resp: 3812
Ion Ratio Lower Upper
178 100
179 20.1 12.6 19.0#
176 23.1 15.8 23.6

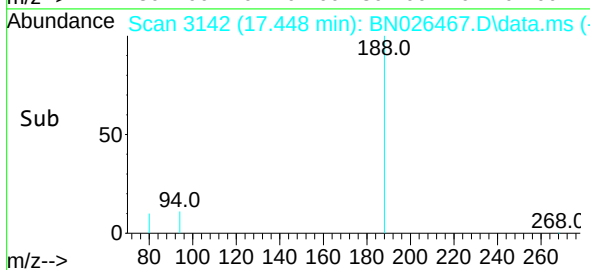
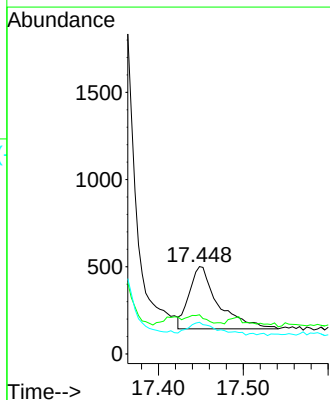
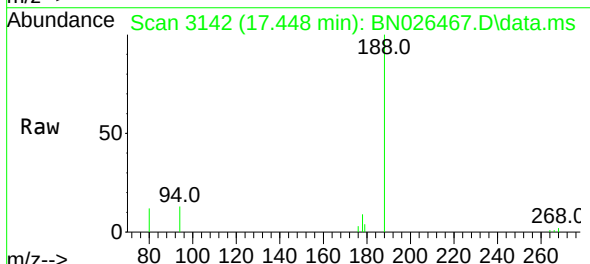
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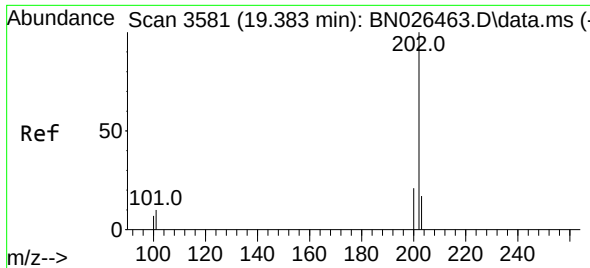
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.024 ng/ul
RT: 17.448 min Scan# 3142
Delta R.T. -0.017 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

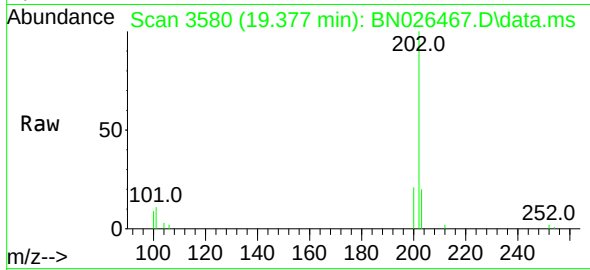
Tgt Ion:178 Resp: 850
Ion Ratio Lower Upper
178 100
179 44.9 12.6 18.8#
176 36.3 15.1 22.7#





#19
Fluoranthene
Concen: 0.238 ng/u1
RT: 19.377 min Scan# 3580
Delta R.T. -0.010 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

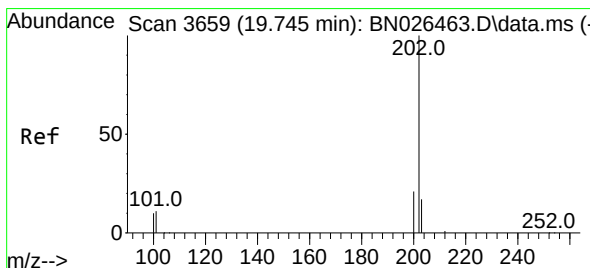
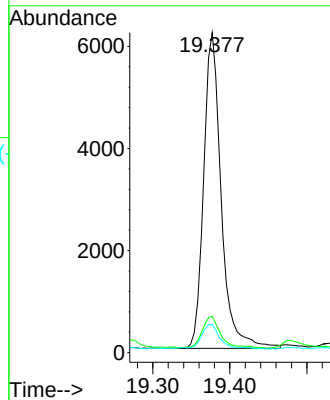
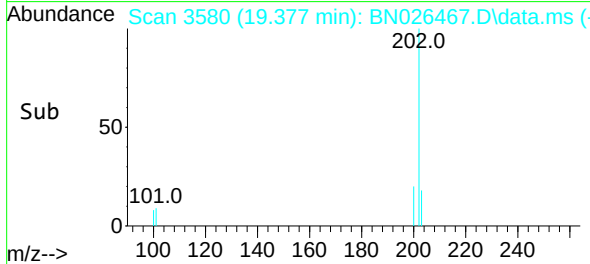
Instrument :
BNA_N
ClientSampleId :
A46E5



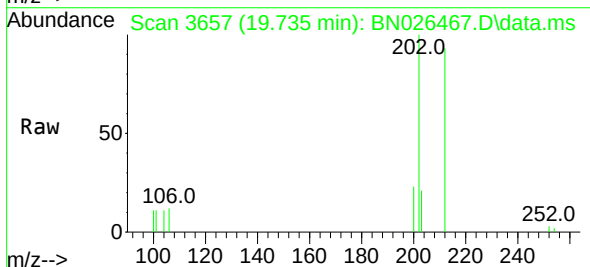
Tgt Ion:202 Resp: 9799
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.8 7.3 10.9

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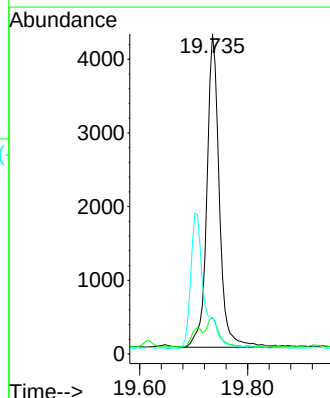
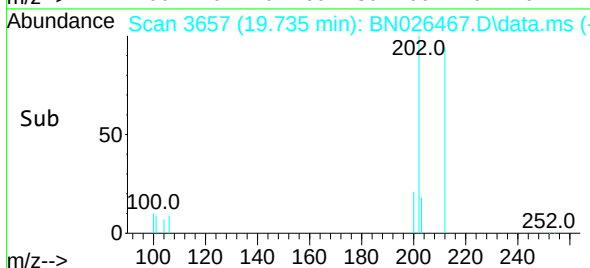
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

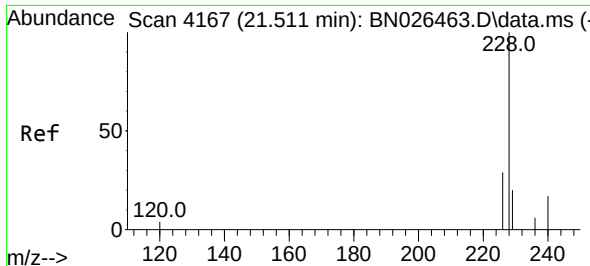


#20
Pyrene
Concen: 0.159 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. -0.014 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45



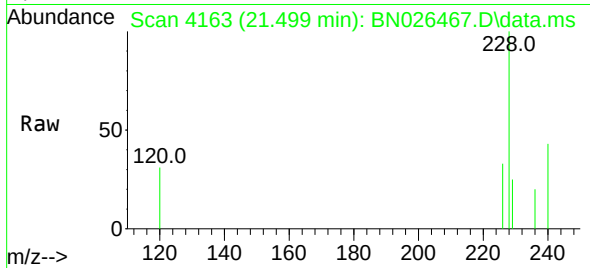
Tgt Ion:202 Resp: 6839
Ion Ratio Lower Upper
202 100
101 11.4 11.4 17.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.123 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

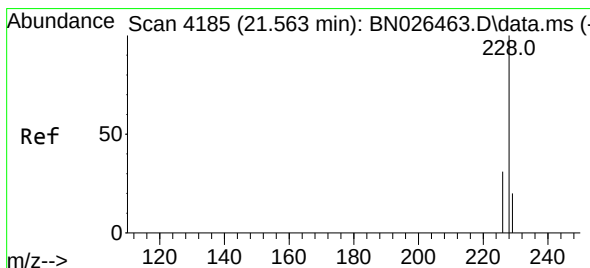
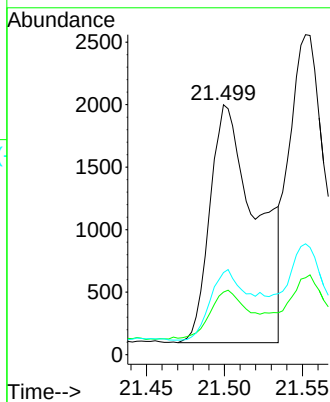
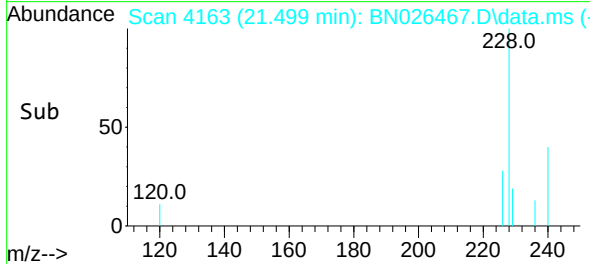
Instrument :
BNA_N
ClientSampleId :
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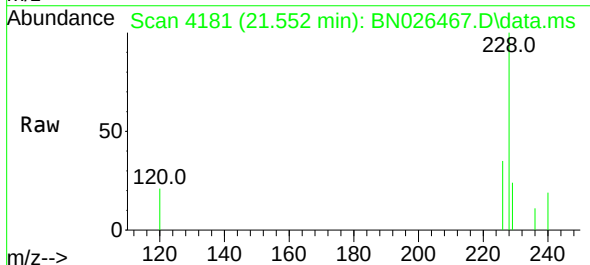
Tgt Ion:228 Resp: 393
Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.6
226 32.8 22.5 33.7

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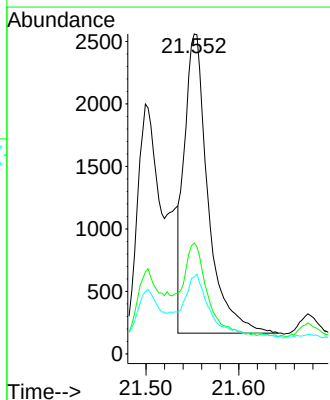
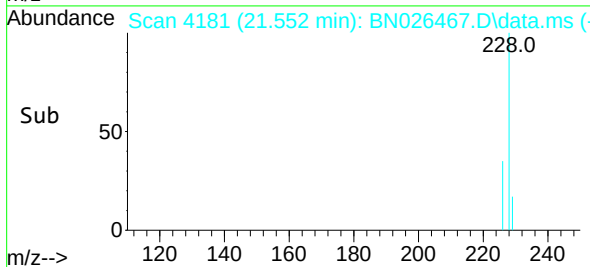
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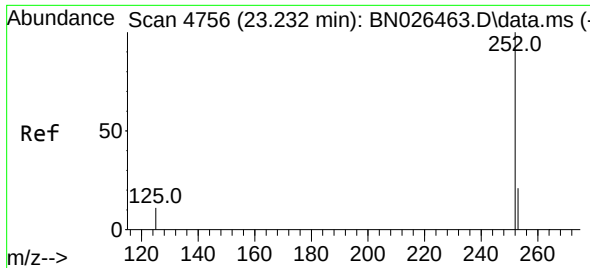


#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45



Tgt Ion:228 Resp: 4241
Ion Ratio Lower Upper
228 100
226 34.6 24.8 37.2
229 24.0 15.7 23.5





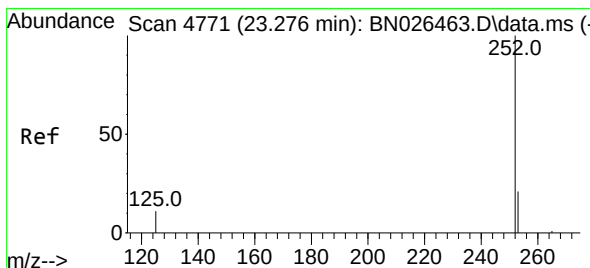
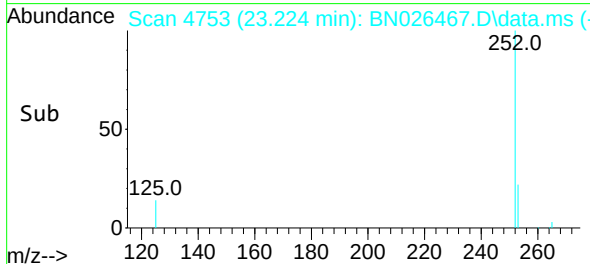
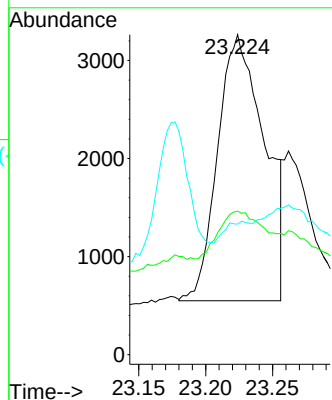
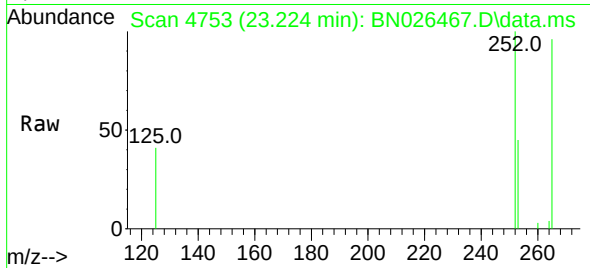
#24
Benzo(b)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.224 min Scan# 4753
Delta R.T. 0.006 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

Instrument :
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ClientSampleId :
A46E5

Tgt Ion:252 Resp: 661
Ion Ratio Lower Upper
252 100
253 44.9 0.0 55.6
125 40.8 0.0 35.8

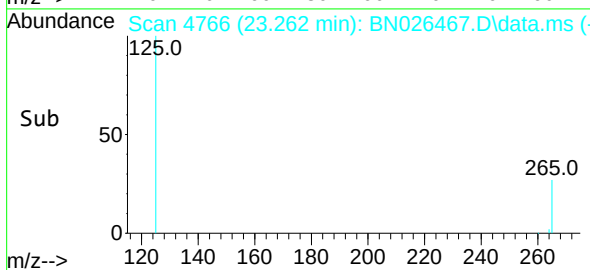
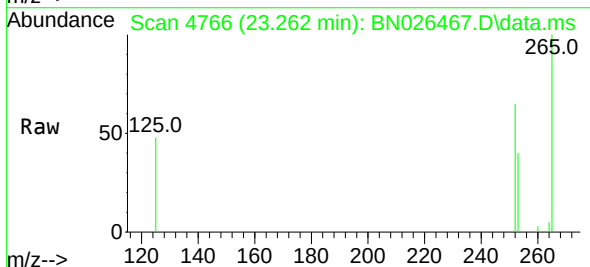
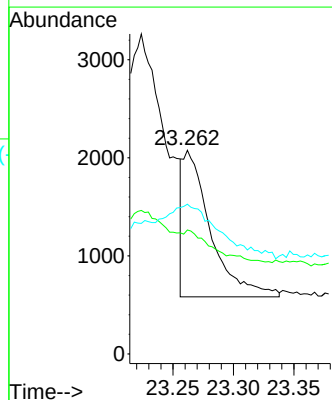
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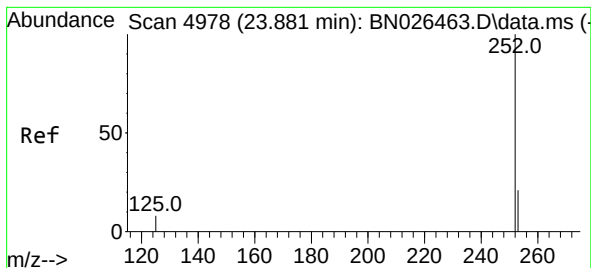
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.262 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

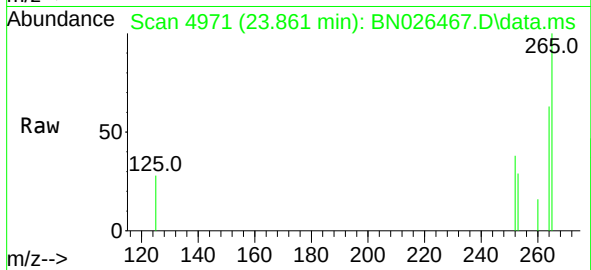
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Ion Ratio Lower Upper
252 100
253 60.9 23.2 34.8#
125 73.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.065 ng/ul
RT: 23.861 min Scan# 4978
Delta R.T. -0.009 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

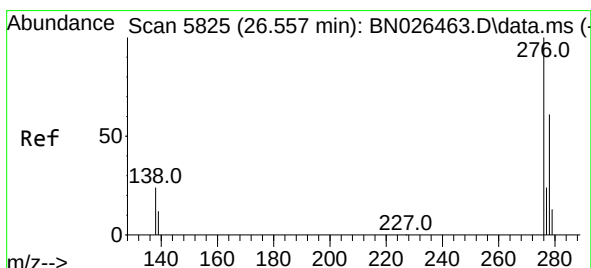
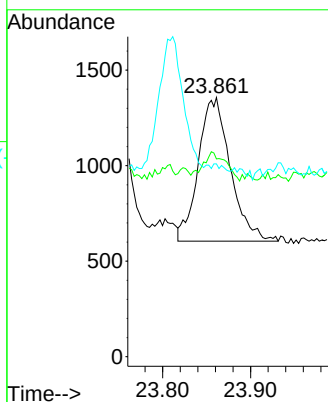
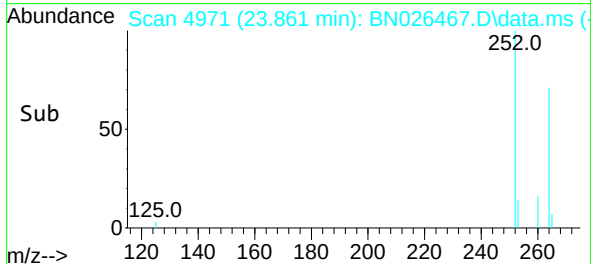
Instrument :
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Tgt Ion:252 Resp: 1894
Ion Ratio Lower Upper
252 100
253 76.3 26.0 39.0#
125 74.4 17.3 25.9#

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Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.550 min Scan# 5823
Delta R.T. 0.010 min
Lab File: BN026467.D
Acq: 11 Jul 2023 17:45

Tgt Ion:276 Resp: 2417
Ion Ratio Lower Upper
276 100
138 19.6 24.5 36.7#
227 0.5 0.0 0.0#

