

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024683.D
 Acq On : 31 Mar 2023 17:29
 Operator : CG/JU
 Sample : 02006-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB946

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 01:02:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	29197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	16482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	35015	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	27895	0.400	ng/ul	0.00
23) Perylene-d12	24.059	264	24671	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	32609	3.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	8125	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	18085	0.265	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.861	128	2270	0.032	ng/ul#	87
10) Acenaphthylene	14.356	152	1271	0.022	ng/ul#	73
15) Phenanthrene	17.422	178	18764	0.195	ng/ul	98
16) Anthracene	17.515	178	2452	0.031	ng/ul#	83
19) Fluoranthene	19.436	202	54961	0.559	ng/ul	98
20) Pyrene	19.799	202	48928m	0.489	ng/ul	
21) Benzo(a)anthracene	21.554	228	18318	0.219	ng/ul	97
22) Chrysene	21.612	228	29084	0.316	ng/ul	98
24) Benzo(b)fluoranthene	23.296	252	36238m	0.354	ng/ul	
25) Benzo(k)fluoranthene	23.345	252	11837m	0.120	ng/ul	
26) Benzo(a)pyrene	23.942	252	20389	0.253	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.643	276	13466	0.140	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.663	278	3193	0.042	ng/ul#	43
29) Benzo(g,h,i)perylene	27.444	276	13395	0.162	ng/ul	94

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

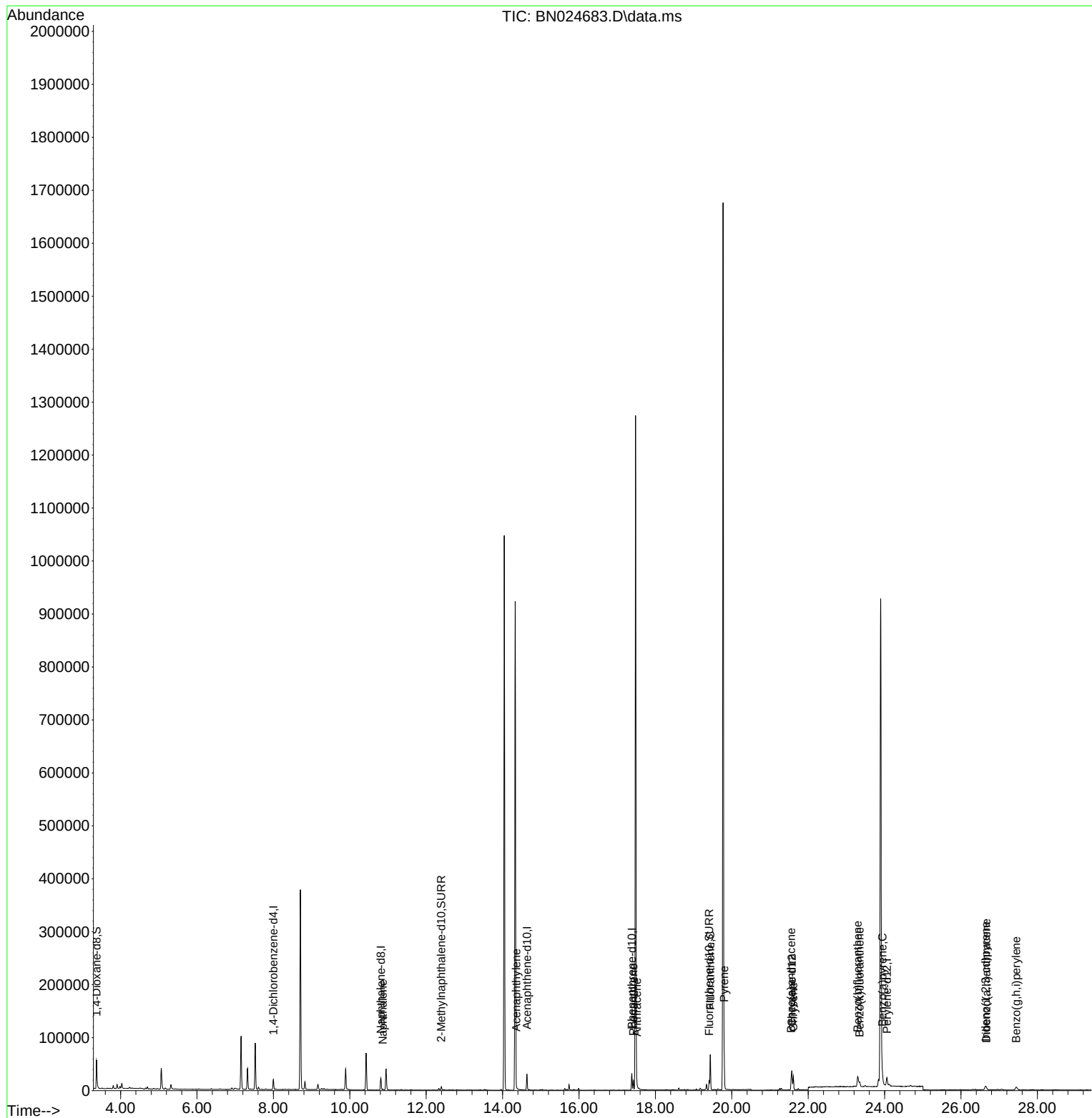
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024683.D
Acq On : 31 Mar 2023 17:29
Operator : CG/JU
Sample : 02006-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

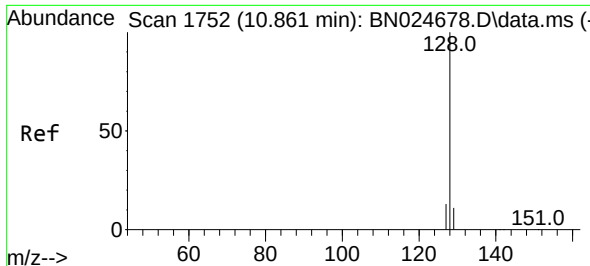
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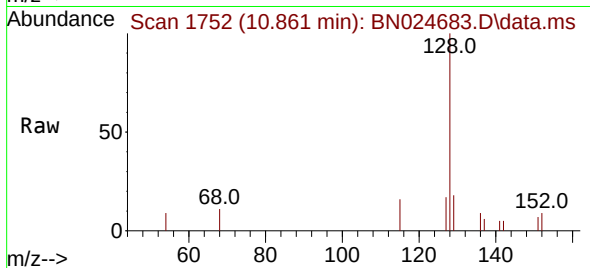
Quant Time: Apr 01 01:02:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 01 01:00:20 2023
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#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

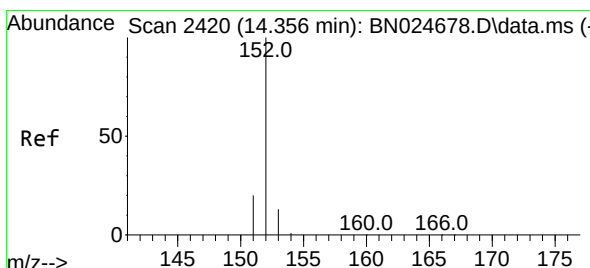
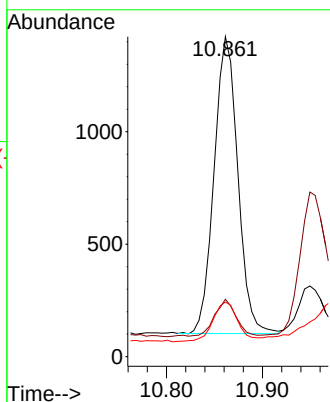
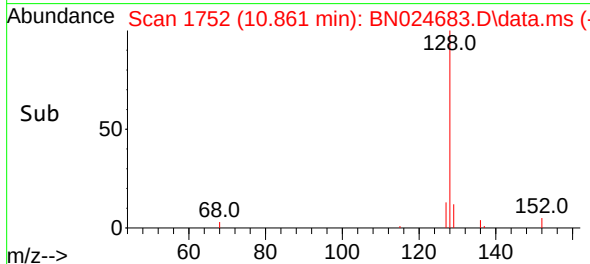
Instrument :
BNA_N
ClientSampleId :
CB946



Tgt Ion:128 Resp: 2270
Ion Ratio Lower Upper
128 100
129 17.9 9.0 13.6
127 17.1 10.5 15.7

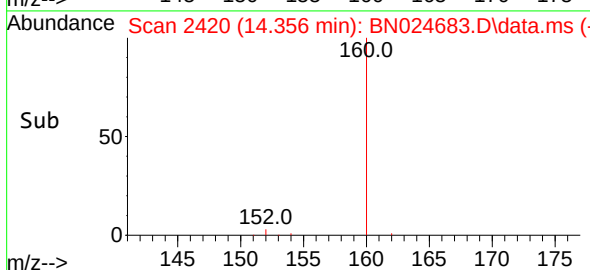
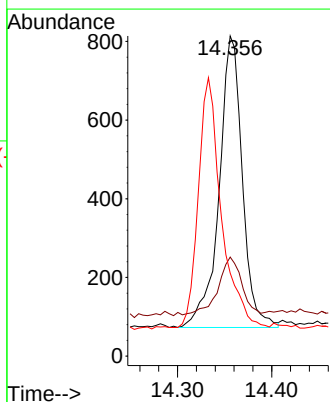
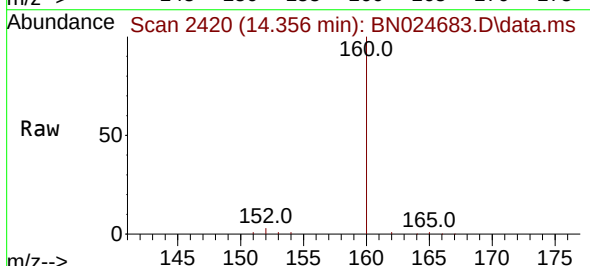
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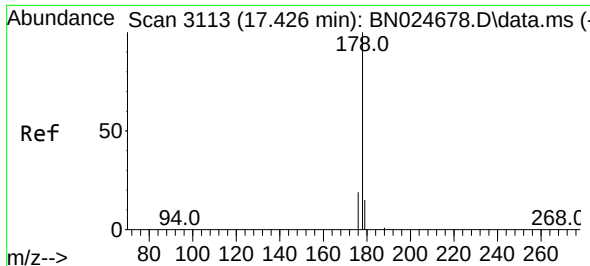
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

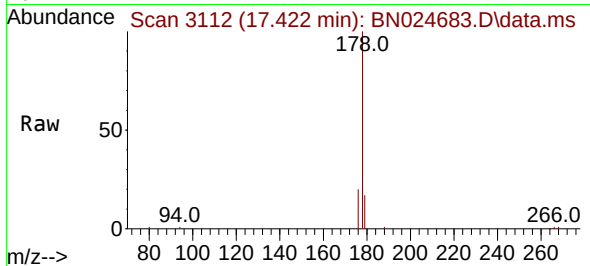
Tgt Ion:152 Resp: 1271
Ion Ratio Lower Upper
152 100
151 31.0 16.1 24.1#
153 25.9 10.6 16.0#





#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

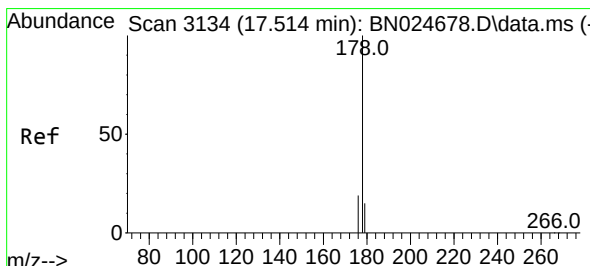
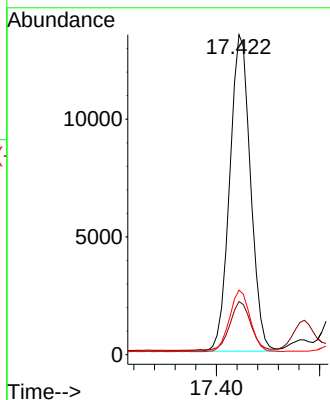
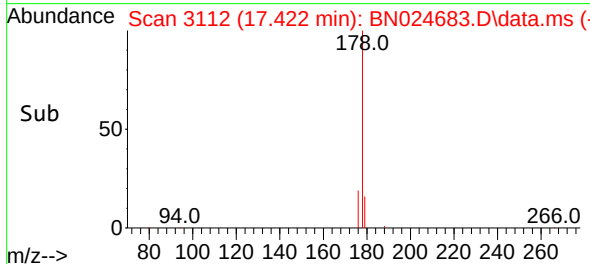
Instrument :
BNA_N
ClientSampleId :
CB946



Tgt Ion:178 Resp: 18764
Ion Ratio Lower Upper
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179 16.6 12.3 18.5
176 20.1 15.5 23.3

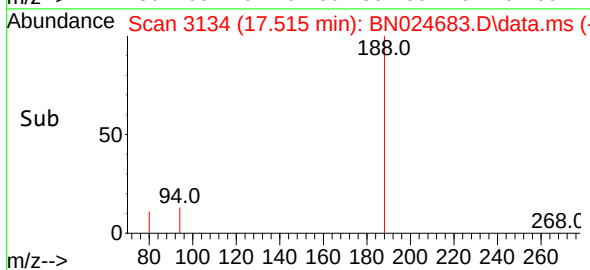
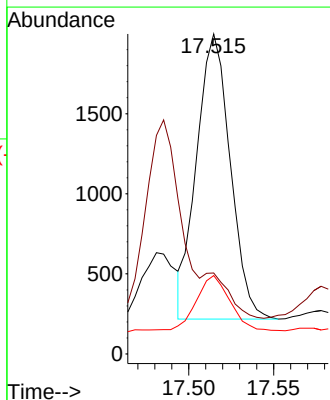
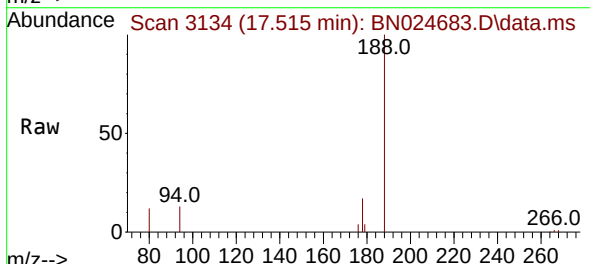
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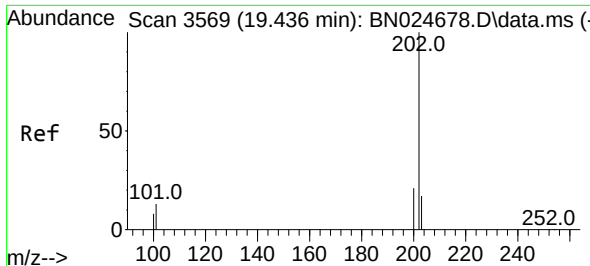
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#16
Anthracene
Concen: 0.031 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

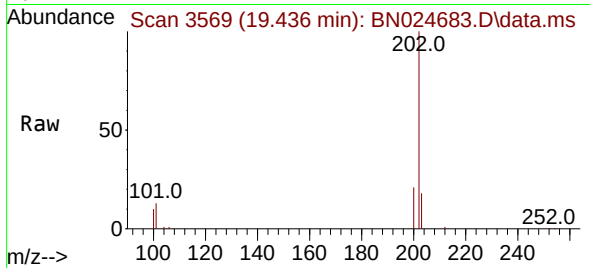
Tgt Ion:178 Resp: 2452
Ion Ratio Lower Upper
178 100
179 25.3 12.7 19.1#
176 24.5 15.2 22.8#





#19
Fluoranthene
Concen: 0.559 ng/u1
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

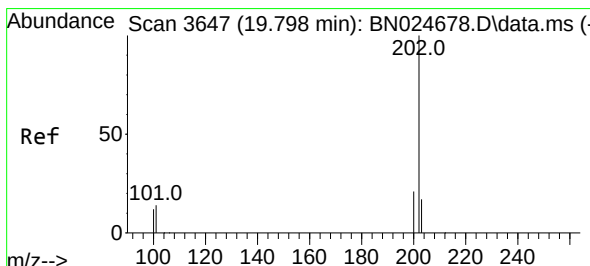
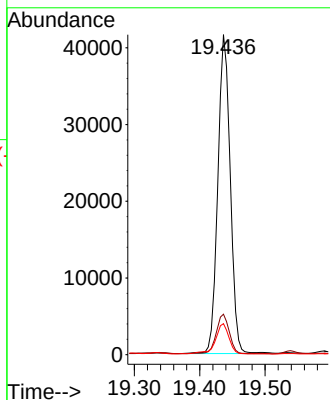
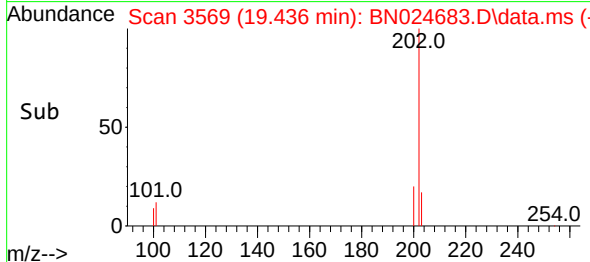
Instrument :
BNA_N
ClientSampleId :
CB946



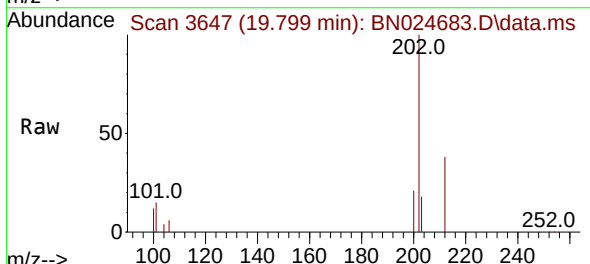
Tgt Ion:202 Resp: 5496
Ion Ratio Lower Upper
202 100
101 12.7 9.6 14.4
100 9.7 7.0 10.6

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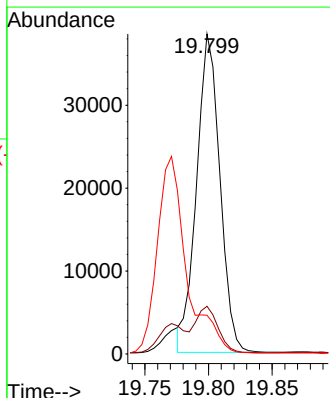
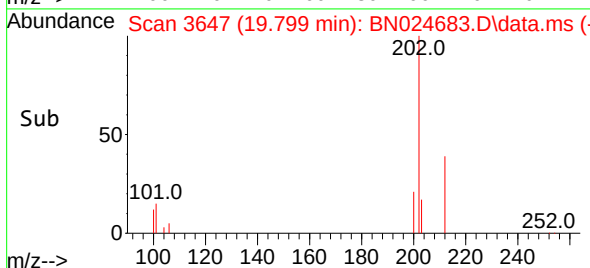
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

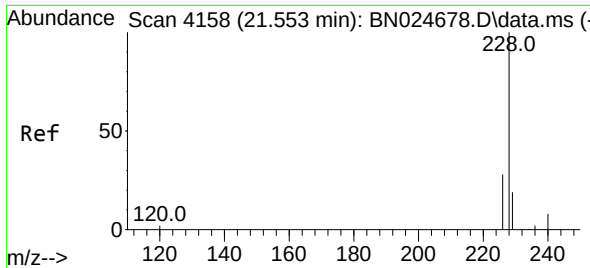


#20
Pyrene
Concen: 0.489 ng/u1 m
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29



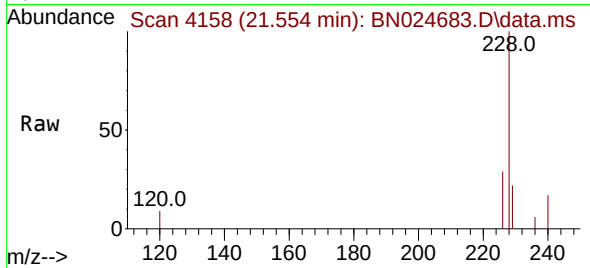
Tgt Ion:202 Resp: 48928
Ion Ratio Lower Upper
202 100
101 14.9 10.9 16.3
100 12.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.554 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

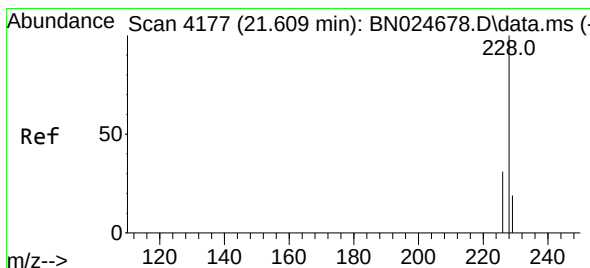
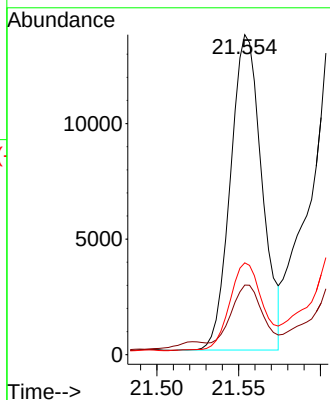
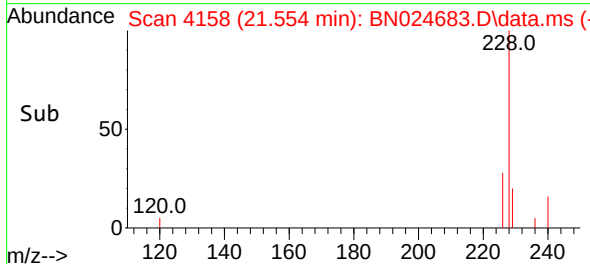
Instrument :
BNA_N
ClientSampleId :
CB946



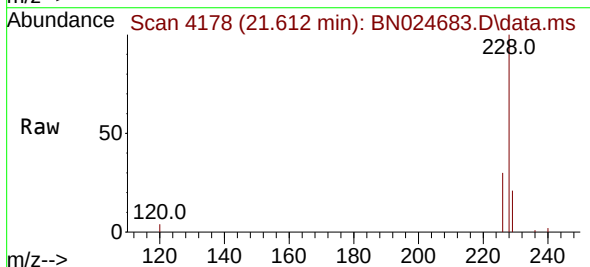
Tgt Ion:228 Resp: 18318
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 28.7 22.5 33.7

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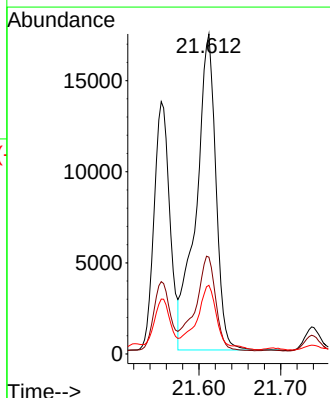
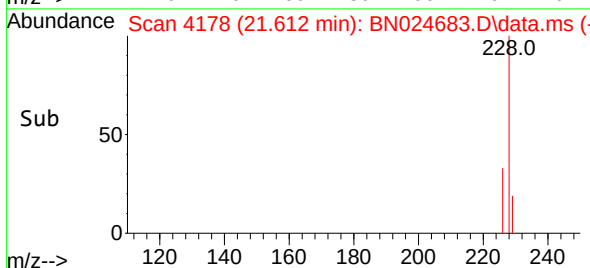
Reviewed By :Christian Giraldo 04/03/2023
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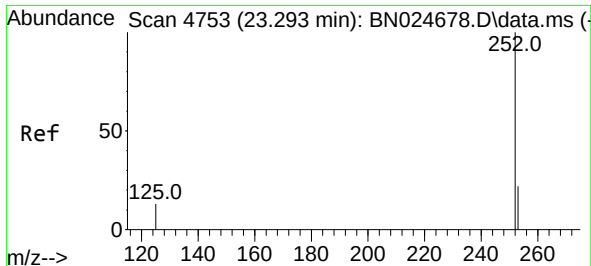


#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29



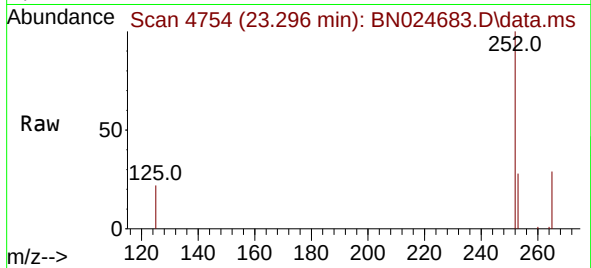
Tgt Ion:228 Resp: 29084
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 21.4 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.354 ng/ul m
RT: 23.296 min Scan# 4753
Delta R.T. 0.003 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

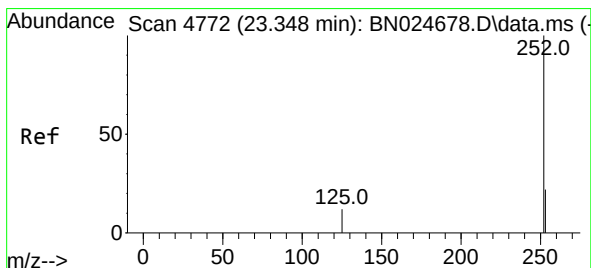
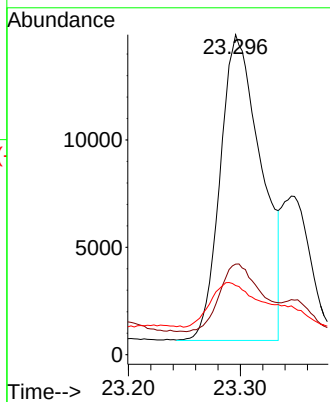
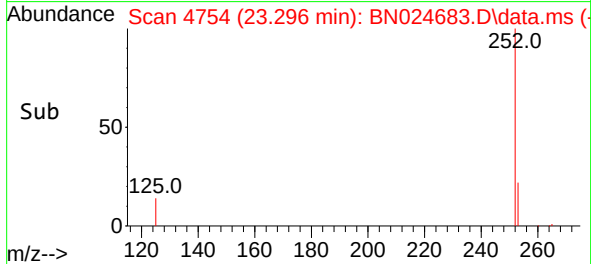
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Tgt Ion:252 Resp: 36238
Ion Ratio Lower Upper
252 100
253 28.3 0.0 49.6
125 21.6 0.0 32.4

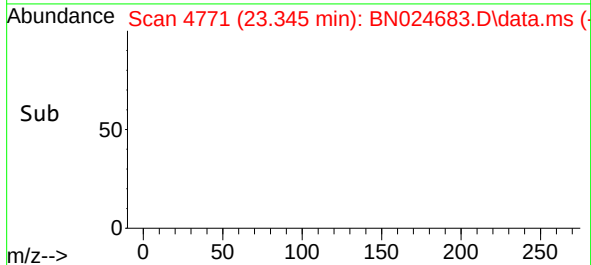
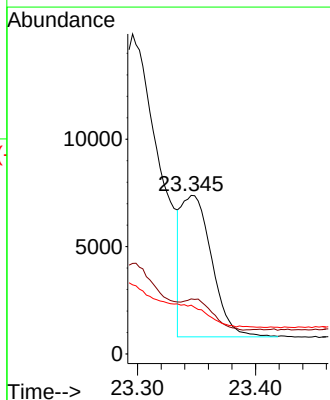
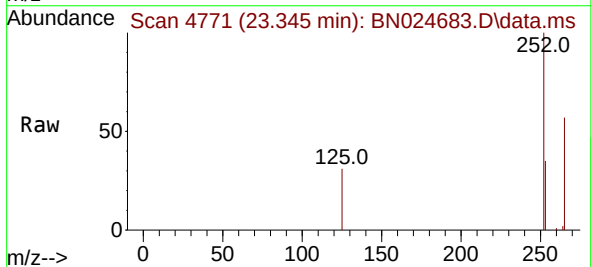
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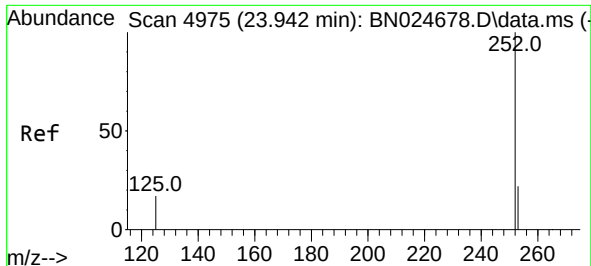
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Supervised By :Jagrut Upadhyay 04/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 23.345 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

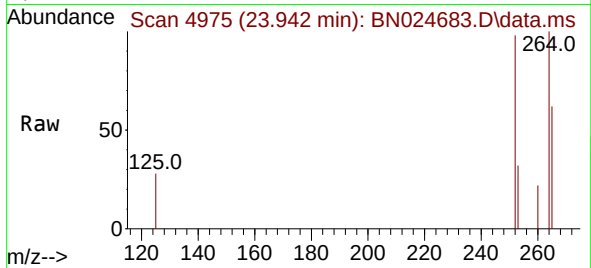
Tgt Ion:252 Resp: 11837
Ion Ratio Lower Upper
252 100
253 34.8 20.2 30.2#
125 30.8 13.1 19.7#





#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.942 min Scan# 4975
Delta R.T. 0.000 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29

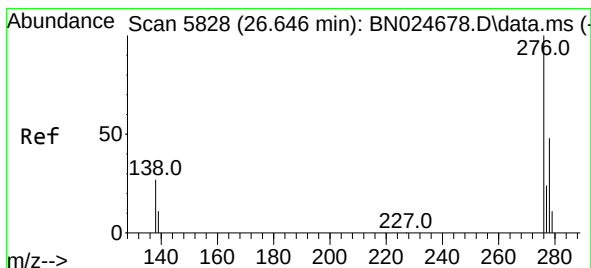
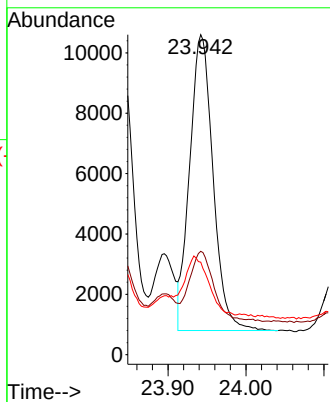
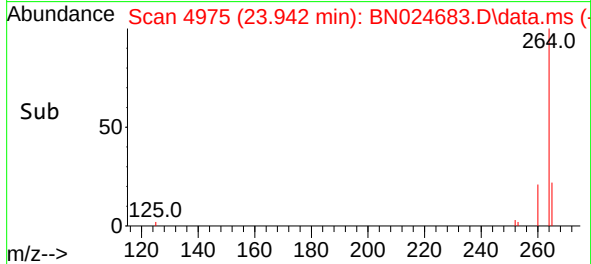
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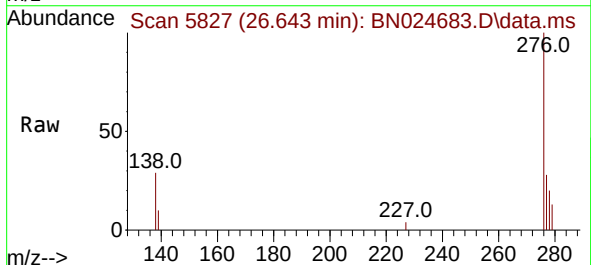
Tgt Ion:252 Resp: 20389
Ion Ratio Lower Upper
252 100
253 32.3 21.8 32.8
125 28.9 15.4 23.0

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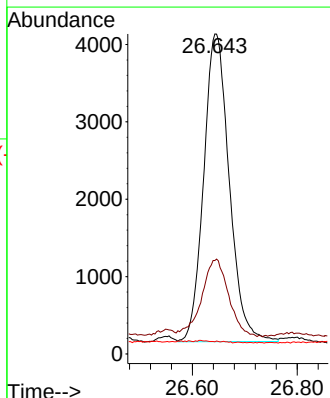
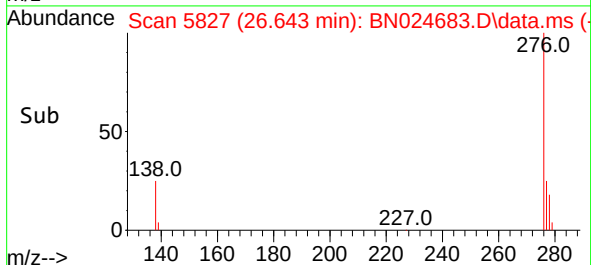
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

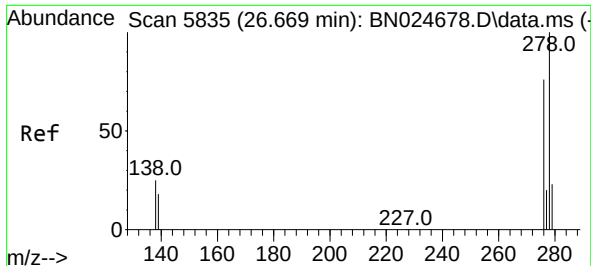


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 26.643 min Scan# 5827
Delta R.T. -0.003 min
Lab File: BN024683.D
Acq: 31 Mar 2023 17:29



Tgt Ion:276 Resp: 13466
Ion Ratio Lower Upper
276 100
138 26.5 24.6 36.8
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

RT: 26.663 min Scan# 5835

Delta R.T. -0.006 min

Lab File: BN024683.D

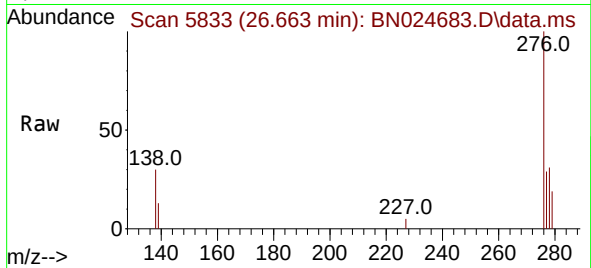
Acq: 31 Mar 2023 17:29

Instrument :

BNA_N

ClientSampleId :

CB946



Tgt Ion:278 Resp: 319

Ion Ratio Lower Upper

278 100

139 43.5 16.5 24.7

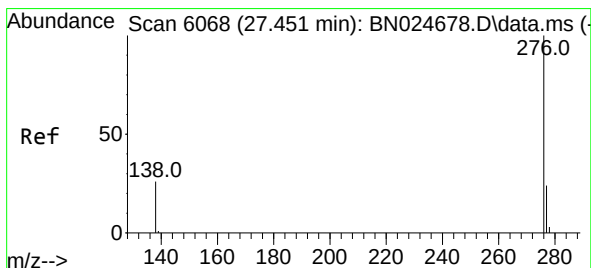
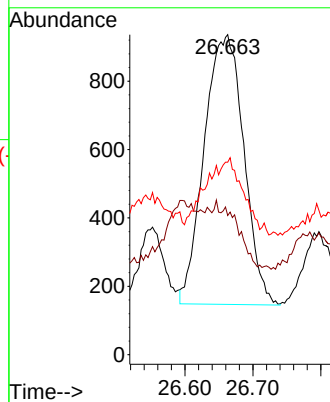
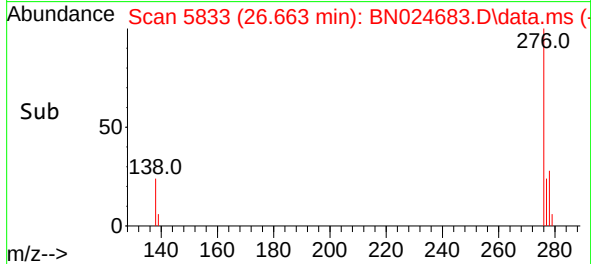
279 60.1 21.8 32.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#29

Benzo(g,h,i)perylene

Concen: 0.162 ng/ul

RT: 27.444 min Scan# 6066

Delta R.T. -0.006 min

Lab File: BN024683.D

Acq: 31 Mar 2023 17:29

Tgt Ion:276 Resp: 13395

Ion Ratio Lower Upper

276 100

138 29.9 21.4 32.2

277 27.6 19.8 29.6

