

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025243.D
 Acq On : 03 May 2023 17:19
 Operator : CG/JU
 Sample : 02447-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW911

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 04 04:30:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	28995	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	38610	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	31921	0.400	ng/ul	# 0.00
23) Perylene-d12	23.949	264	27082	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	21280	2.450	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6875	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	17887	0.212	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	5606	0.075	ng/ul#	93
7) 2-Methylnaphthalene	12.387	142	3548	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	3538	0.073	ng/ul	99
10) Acenaphthylene	14.283	152	17325	0.264	ng/ul	96
11) Acenaphthene	14.626	153	10296	0.186	ng/ul	99
12) Fluorene	15.611	166	12307	0.199	ng/ul	98
15) Phenanthrene	17.351	178	285345	2.618	ng/ul	100
16) Anthracene	17.444	178	63198	0.709	ng/ul	100
19) Fluoranthene	19.373	202	765252	6.629	ng/ul	100
20) Pyrene	19.735	202	725349	6.116	ng/ul	99
21) Benzo(a)anthracene	21.491	228	361039	3.753	ng/ul	98
22) Chrysene	21.544	228	362290	3.453	ng/ul	97
24) Benzo(b)fluoranthene	23.207	252	386549m	3.518	ng/ul	
25) Benzo(k)fluoranthene	23.251	252	148662m	1.407	ng/ul	
26) Benzo(a)pyrene	23.847	252	271835	2.990	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.504	276	172088	1.643	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.511	278	42890	0.524	ng/ul#	86
29) Benzo(g,h,i)perylene	27.289	276	157803	1.772	ng/ul	98

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

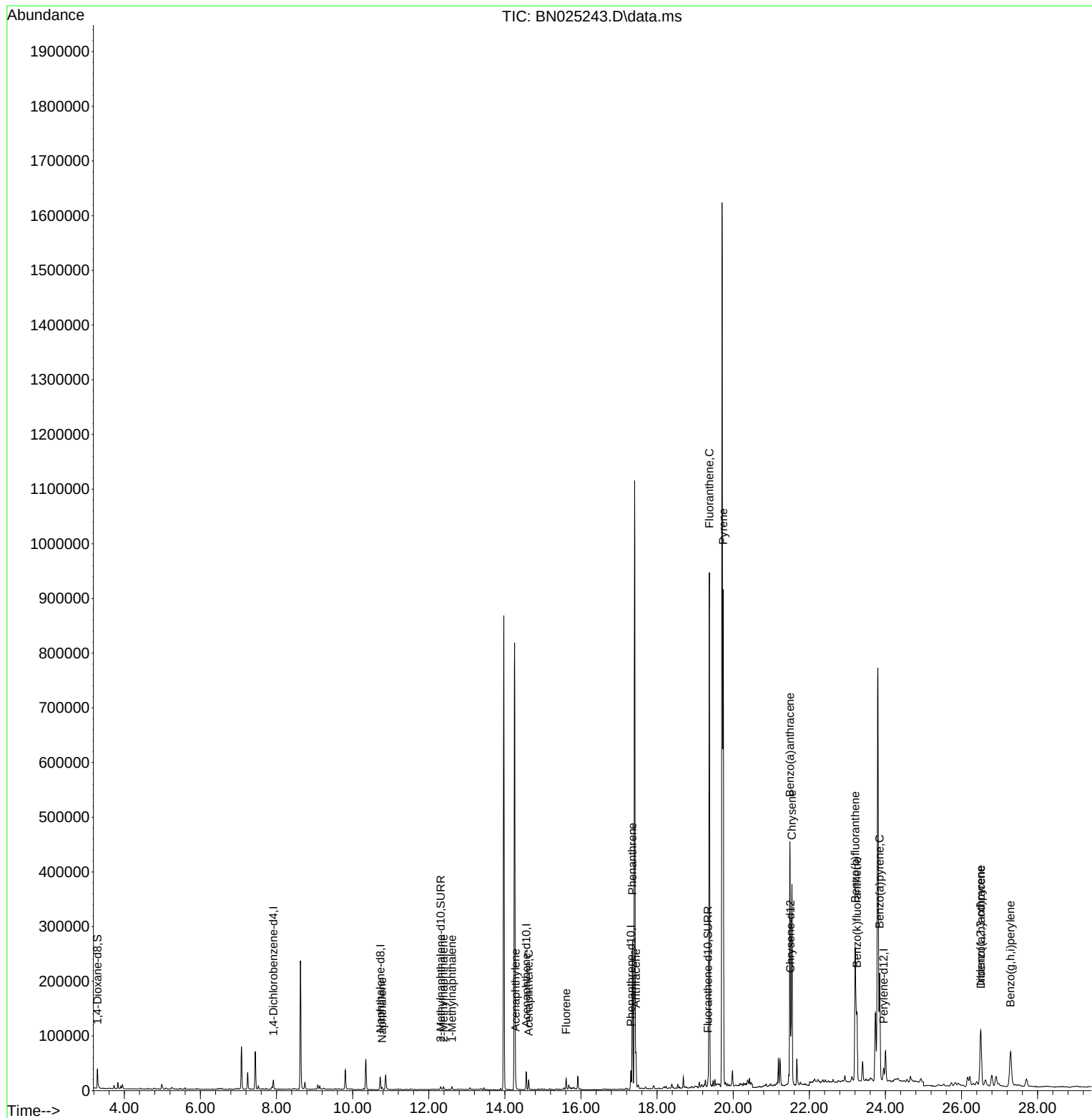
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025243.D
Acq On : 03 May 2023 17:19
Operator : CG/JU
Sample : 02447-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

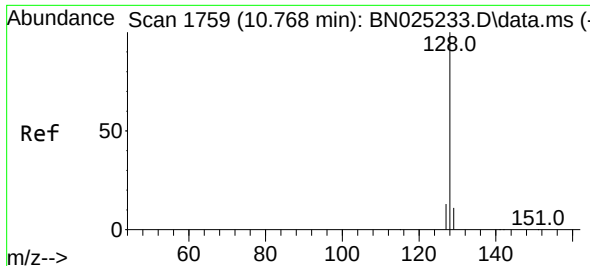
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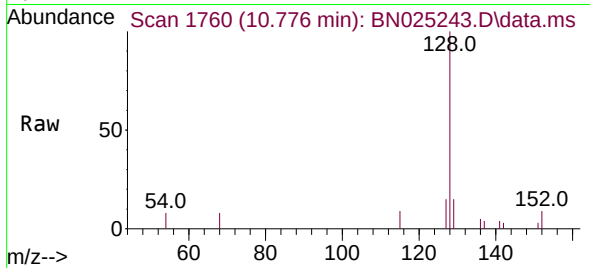
Quant Time: May 04 04:30:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.776 min Scan# 1759
Delta R.T. 0.007 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

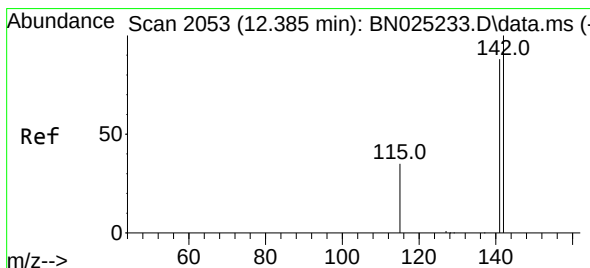
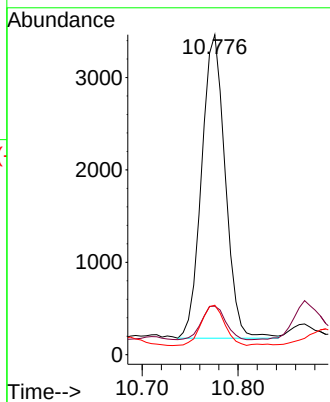
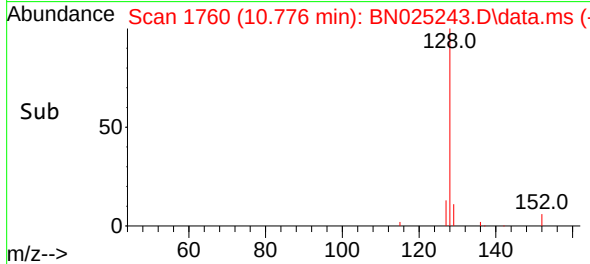
Instrument :
BNA_N
ClientSampleId :
EW911



Tgt Ion:128 Resp: 5600
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.6
127 15.4 10.7 16.1

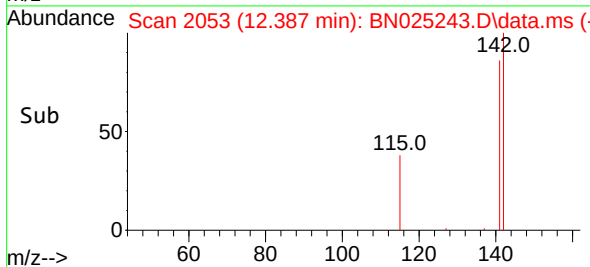
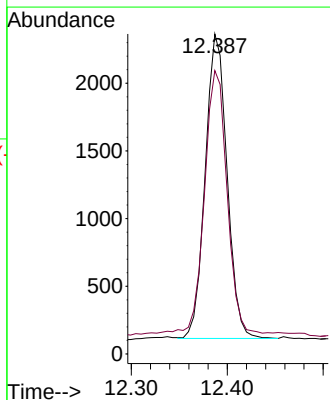
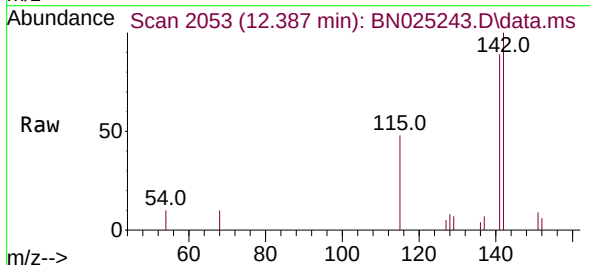
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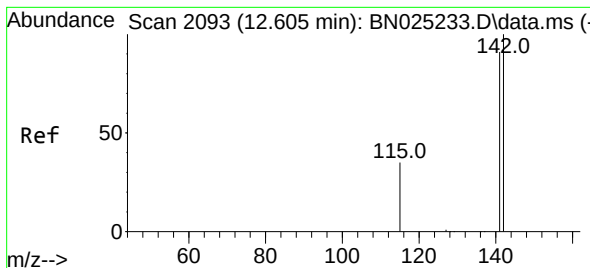
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:142 Resp: 3548
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.073 ng/ul

RT: 12.607 min Scan# 2093

Delta R.T. 0.002 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

Instrument :

BNA_N

ClientSampleId :

EW911

Tgt Ion:142 Resp: 3538

Ion Ratio Lower Upper

142 100

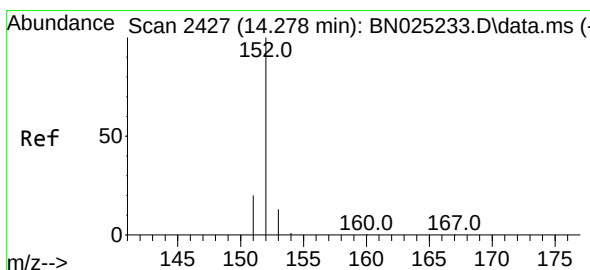
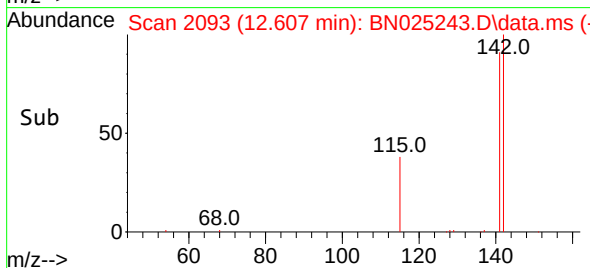
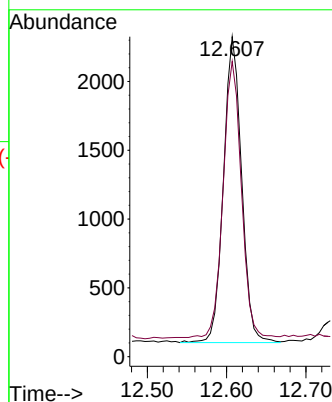
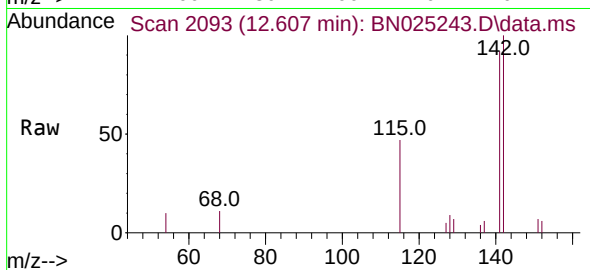
141 91.1 73.8 110.6

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#10

Acenaphthylene

Concen: 0.264 ng/ul

RT: 14.283 min Scan# 2428

Delta R.T. 0.006 min

Lab File: BN025243.D

Acq: 03 May 2023 17:19

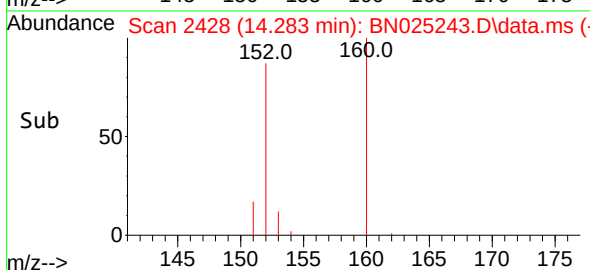
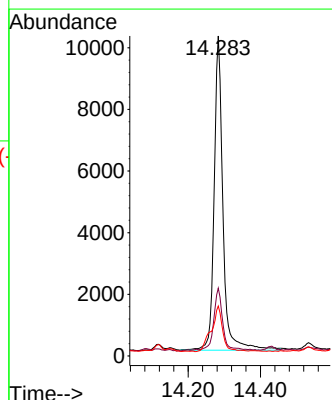
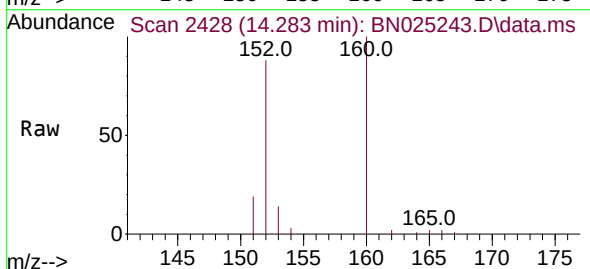
Tgt Ion:152 Resp: 17325

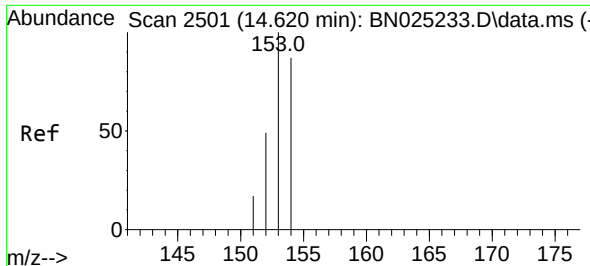
Ion Ratio Lower Upper

152 100

151 21.2 16.0 24.0

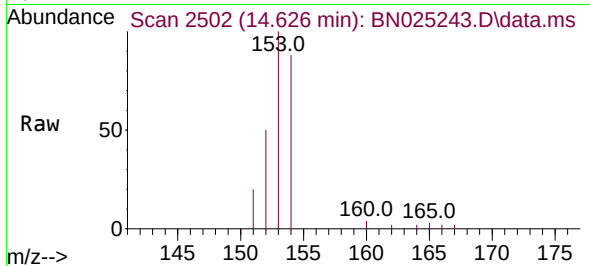
153 15.6 10.8 16.2





#11
Acenaphthene
Concen: 0.186 ng/u1
RT: 14.626 min Scan# 2502
Delta R.T. 0.006 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

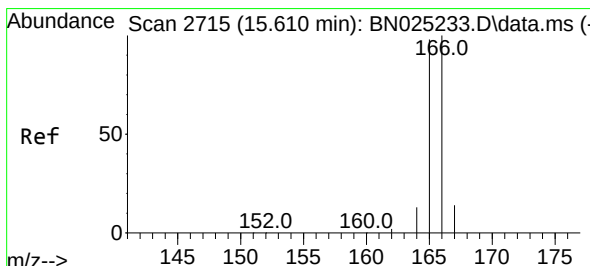
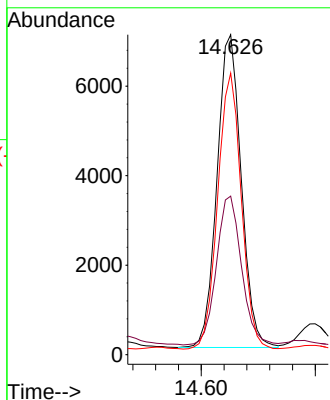
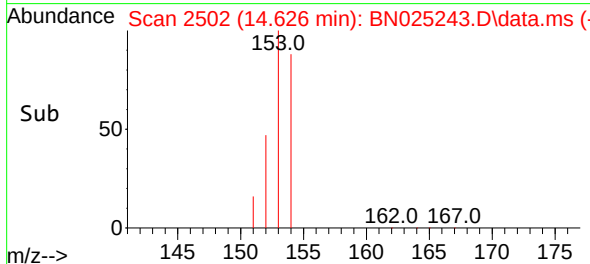
Instrument :
BNA_N
ClientSampleId :
EW911



Tgt Ion:153 Resp: 10290
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 88.0 69.4 104.2

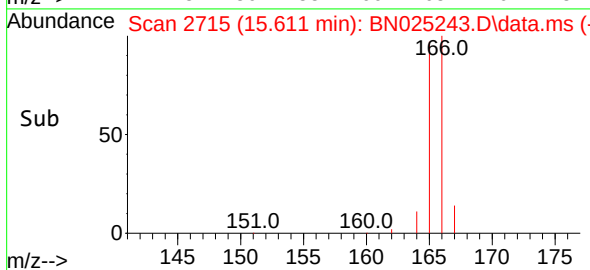
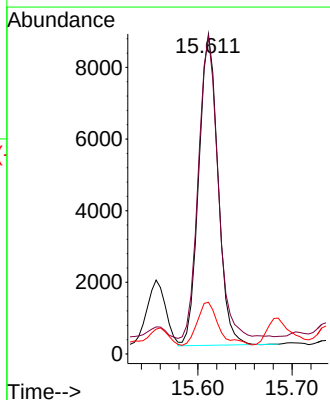
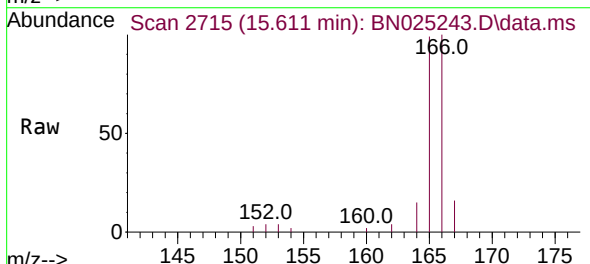
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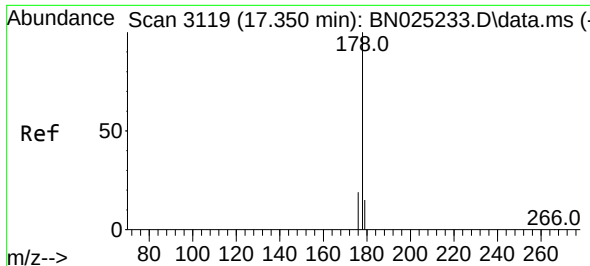
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 0.199 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

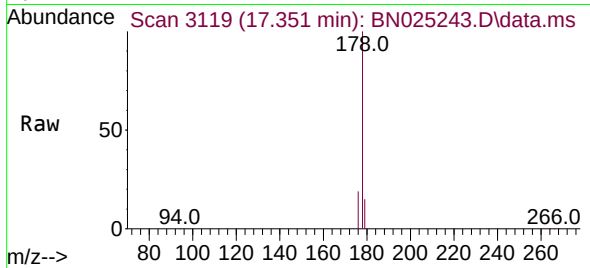
Tgt Ion:166 Resp: 12307
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 16.1 11.0 16.6





#15
Phenanthrene
Concen: 2.618 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

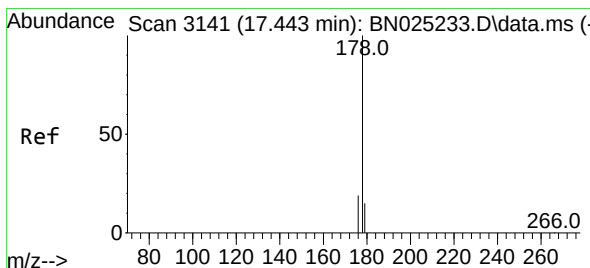
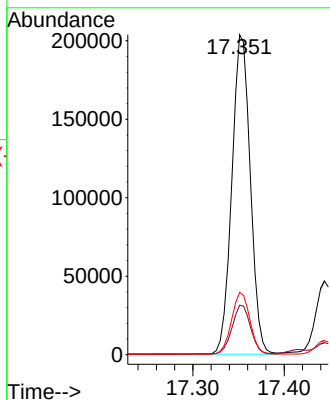
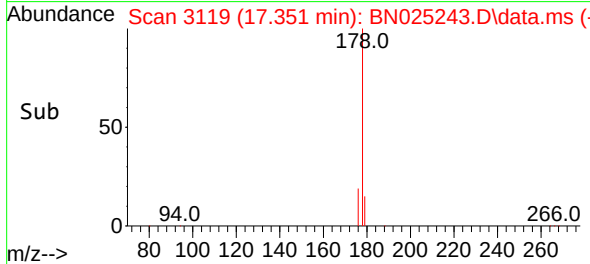
Instrument :
BNA_N
ClientSampleId :
EW911



Tgt Ion:178 Resp: 285349
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.6 23.4

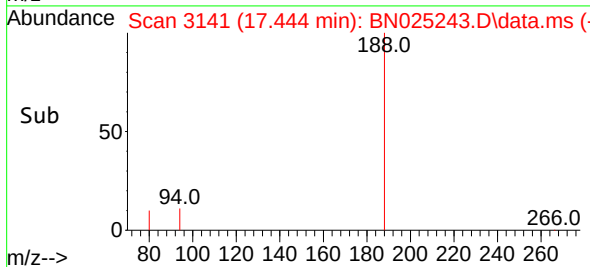
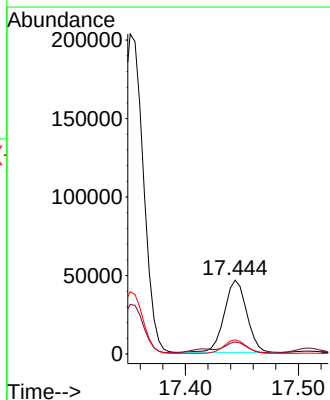
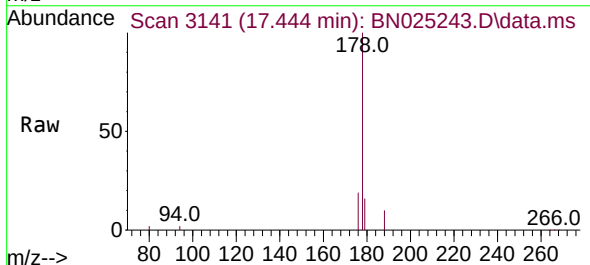
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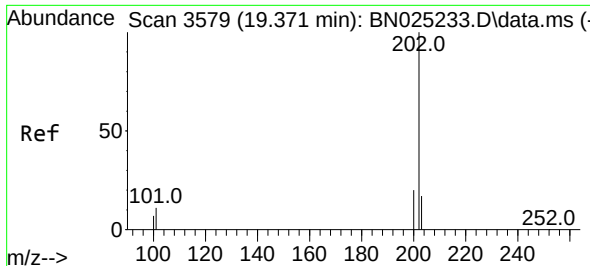
Reviewed By :Christian Giraldo 05/04/2023
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#16
Anthracene
Concen: 0.709 ng/u1
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

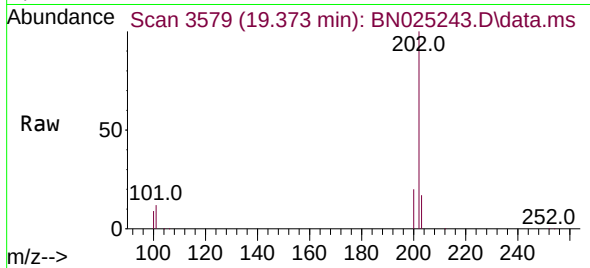
Tgt Ion:178 Resp: 63198
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 6.629 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

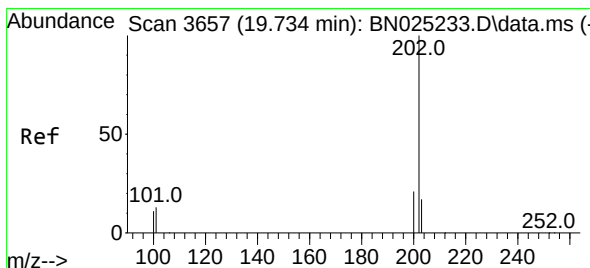
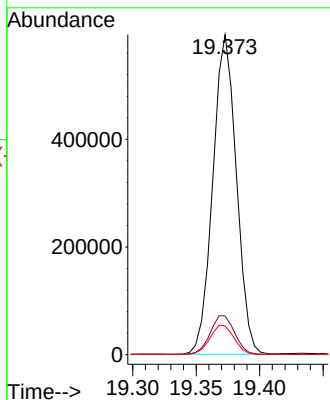
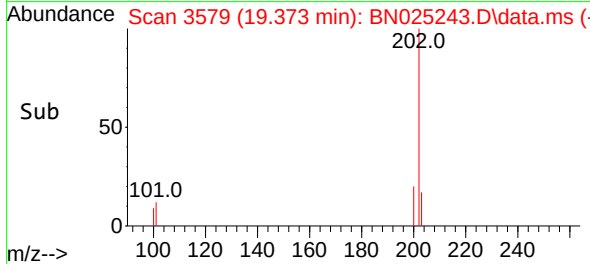
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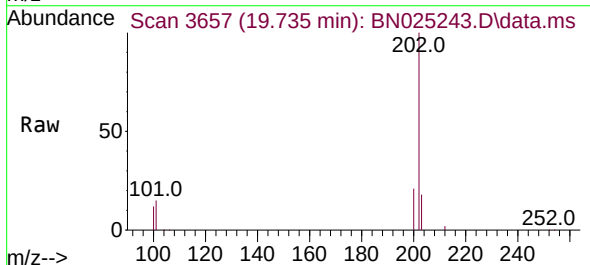
Tgt Ion:202 Resp: 765252
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 8.9 7.3 10.9

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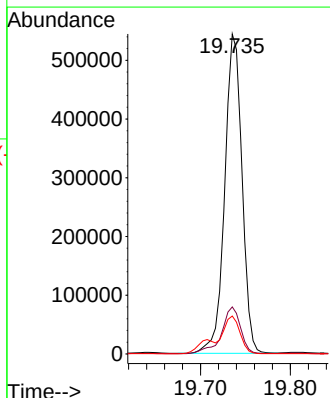
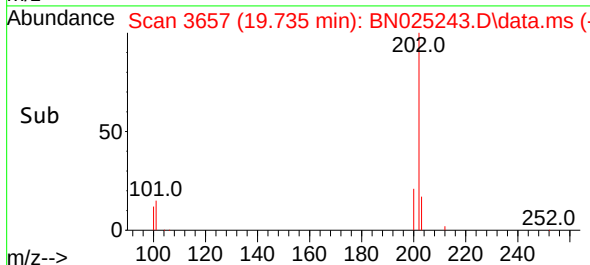
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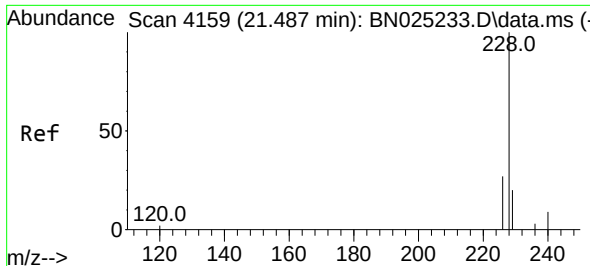


#20
Pyrene
Concen: 6.116 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19



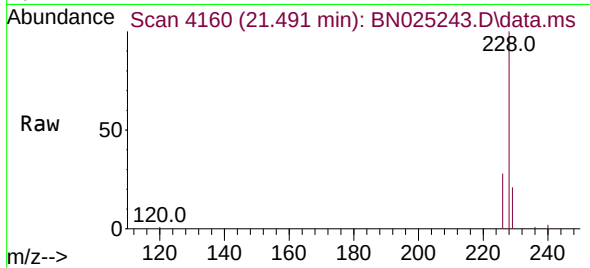
Tgt Ion:202 Resp: 725349
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.2 13.8





#21
Benzo(a)anthracene
Concen: 3.753 ng/ul
RT: 21.491 min Scan# 4159
Delta R.T. 0.004 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

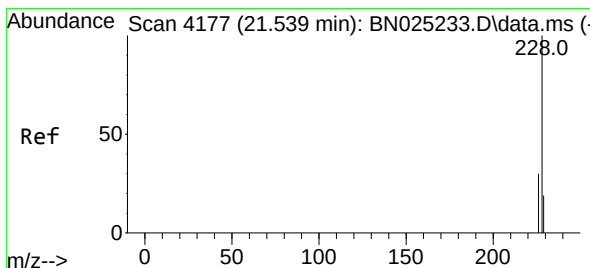
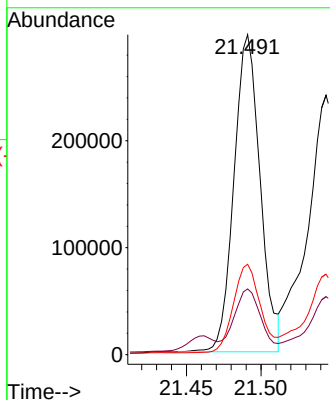
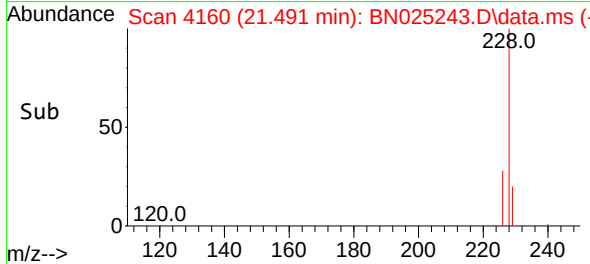
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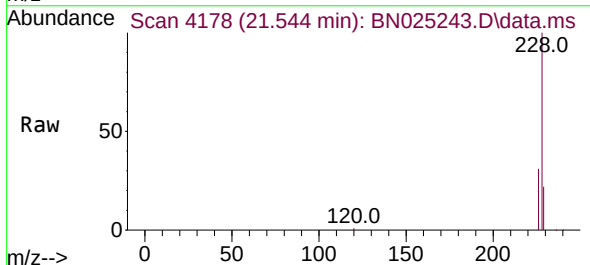
Tgt Ion:228 Resp: 361039
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.3 22.1 33.1

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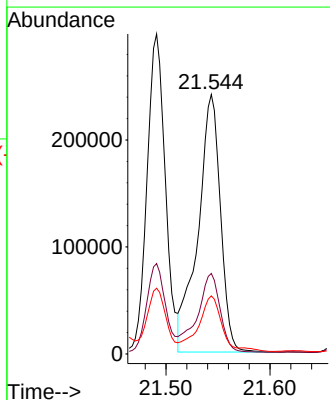
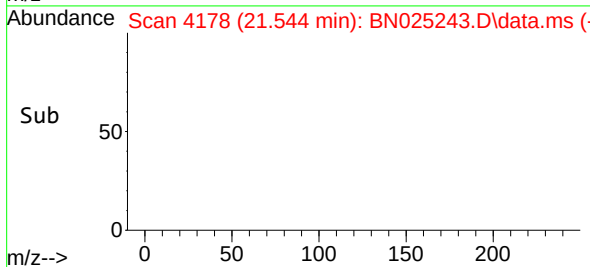
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Supervised By :Jagrut Upadhyay 05/04/2023

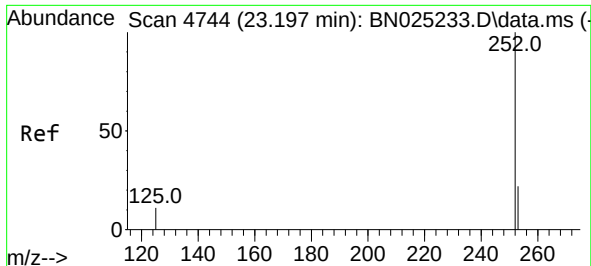


#22
Chrysene
Concen: 3.453 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. 0.004 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19



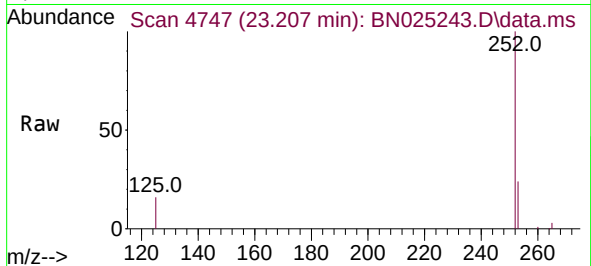
Tgt Ion:228 Resp: 362290
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.518 ng/ul m
RT: 23.207 min Scan# 4747
Delta R.T. 0.010 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

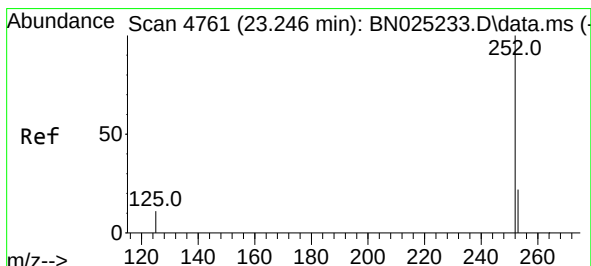
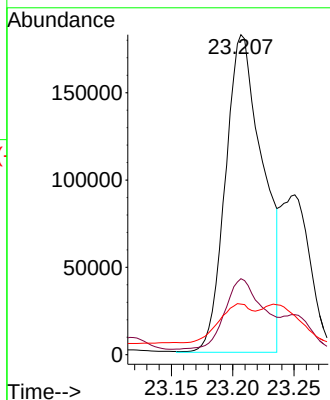
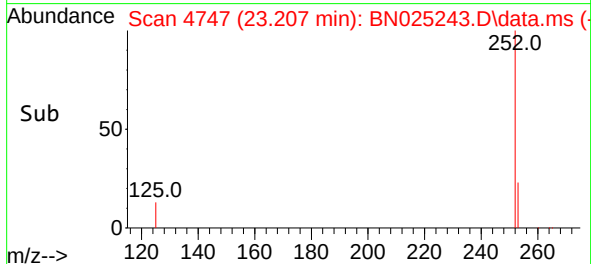
Instrument :
BNA_N
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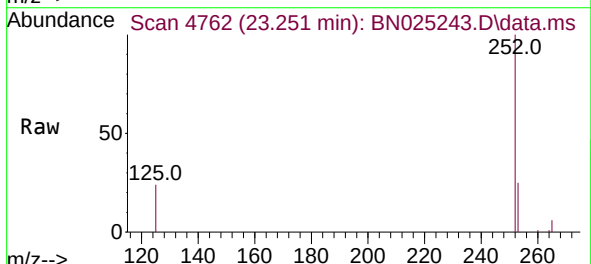
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Ion Ratio Lower Upper
252 100
253 23.8 0.0 50.2
125 15.8 0.0 30.4

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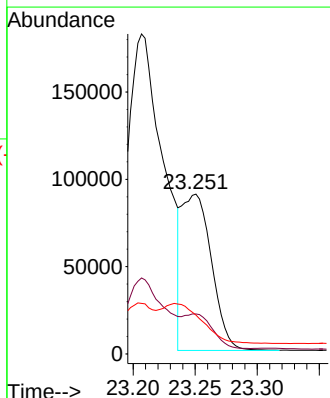
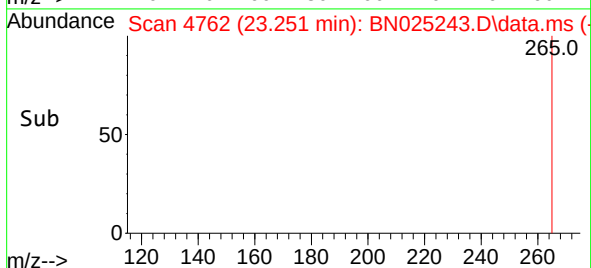
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

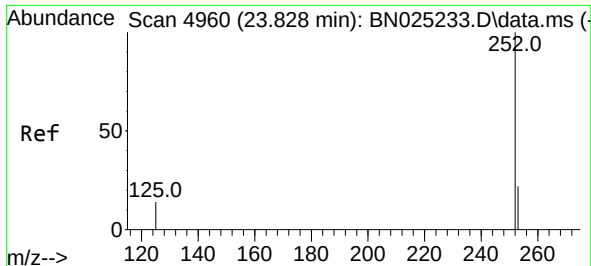


#25
Benzo(k)fluoranthene
Concen: 1.407 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. 0.004 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19



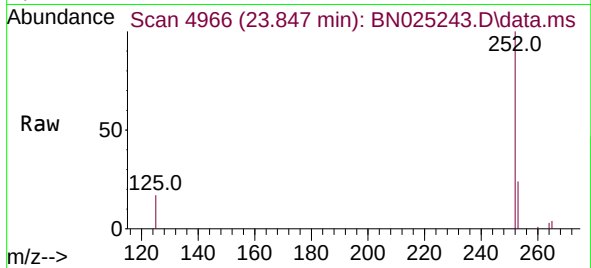
Tgt Ion:252 Resp: 148662
Ion Ratio Lower Upper
252 100
253 25.0 20.2 30.4
125 24.3 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 2.990 ng/ul
RT: 23.847 min Scan# 4966
Delta R.T. 0.019 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

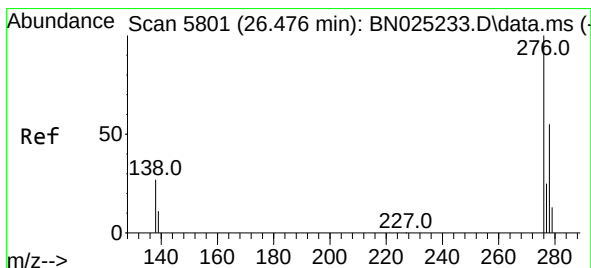
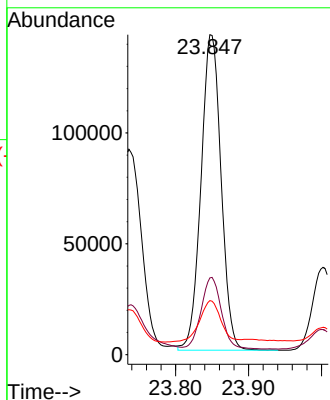
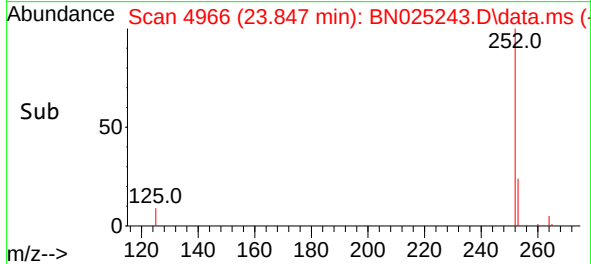
Instrument :
BNA_N
ClientSampleId :
EW911



Tgt Ion:252 Resp: 271835
Ion Ratio Lower Upper
252 100
253 24.0 21.4 32.2
125 16.9 14.6 22.0

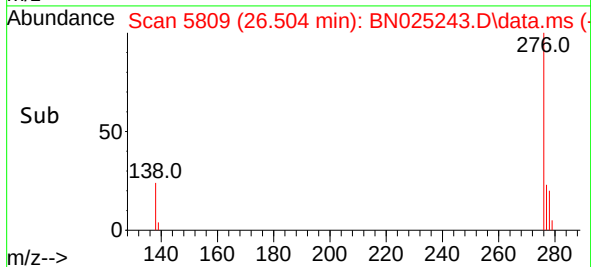
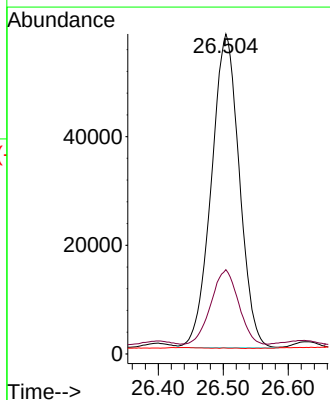
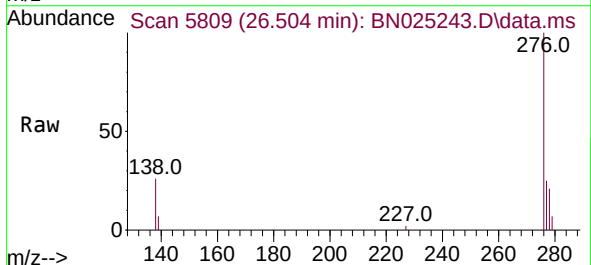
Manual Integrations
APPROVED

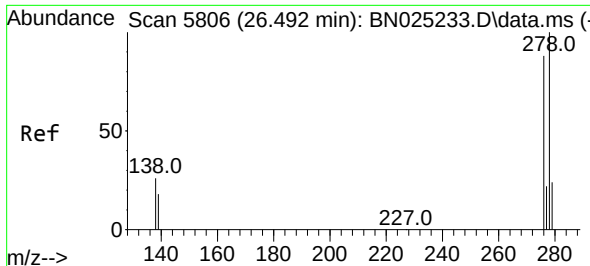
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.643 ng/ul
RT: 26.504 min Scan# 5809
Delta R.T. 0.028 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

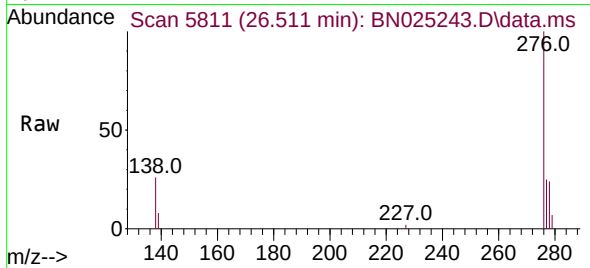
Tgt Ion:276 Resp: 172088
Ion Ratio Lower Upper
276 100
138 23.5 21.9 32.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. 0.018 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

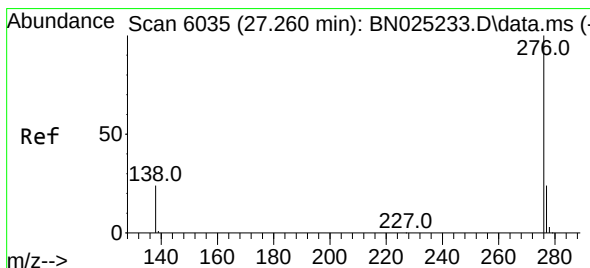
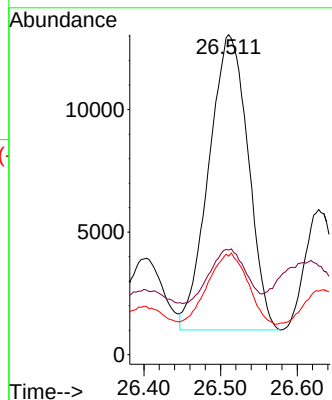
Instrument :
BNA_N
ClientSampleId :
EW911



Tgt Ion:278 Resp: 42890
Ion Ratio Lower Upper
278 100
139 32.7 17.0 25.6
279 30.8 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 1.772 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. 0.028 min
Lab File: BN025243.D
Acq: 03 May 2023 17:19

Tgt Ion:276 Resp: 157803
Ion Ratio Lower Upper
276 100
138 27.2 20.3 30.5
277 24.9 19.8 29.6

