

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
 Data File : BN025381.D
 Acq On : 10 May 2023 15:13
 Operator : CG/JU
 Sample : 02479-14RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW973RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 11 01:11:39 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 10 12:11:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	8922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	29231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	18394	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	41841	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.493	240	29062	0.400	ng/ul	# 0.00
23) Perylene-d12	23.925	264	25868	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	21938	2.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	6870	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	18000	0.235	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	12950	0.173	ng/ul	97
7) 2-Methylnaphthalene	12.370	142	10208	0.223	ng/ul	97
8) 1-Methylnaphthalene	12.590	142	7273	0.149	ng/ul	99
10) Acenaphthylene	14.269	152	27065	0.395	ng/ul#	95
11) Acenaphthene	14.607	153	7769	0.135	ng/ul	99
12) Fluorene	15.592	166	11094	0.172	ng/ul#	93
15) Phenanthrene	17.338	178	240647	2.038	ng/ul	99
16) Anthracene	17.427	178	69473	0.719	ng/ul	99
19) Fluoranthene	19.354	202	668509	6.361	ng/ul	98
20) Pyrene	19.721	202	640033	5.927	ng/ul	99
21) Benzo(a)anthracene	21.476	228	371894	4.247	ng/ul	98
22) Chrysene	21.531	228	375144	3.927	ng/ul	97
24) Benzo(b)fluoranthene	23.186	252	470314m	4.481	ng/ul	
25) Benzo(k)fluoranthene	23.227	252	166131m	1.646	ng/ul	
26) Benzo(a)pyrene	23.820	252	312912	3.604	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.460	276	222551	2.224	ng/ul	94
28) Dibenzo(a,h)anthracene	26.466	278	58372	0.747	ng/ul#	85
29) Benzo(g,h,i)perylene	27.241	276	239374	2.814	ng/ul	99

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

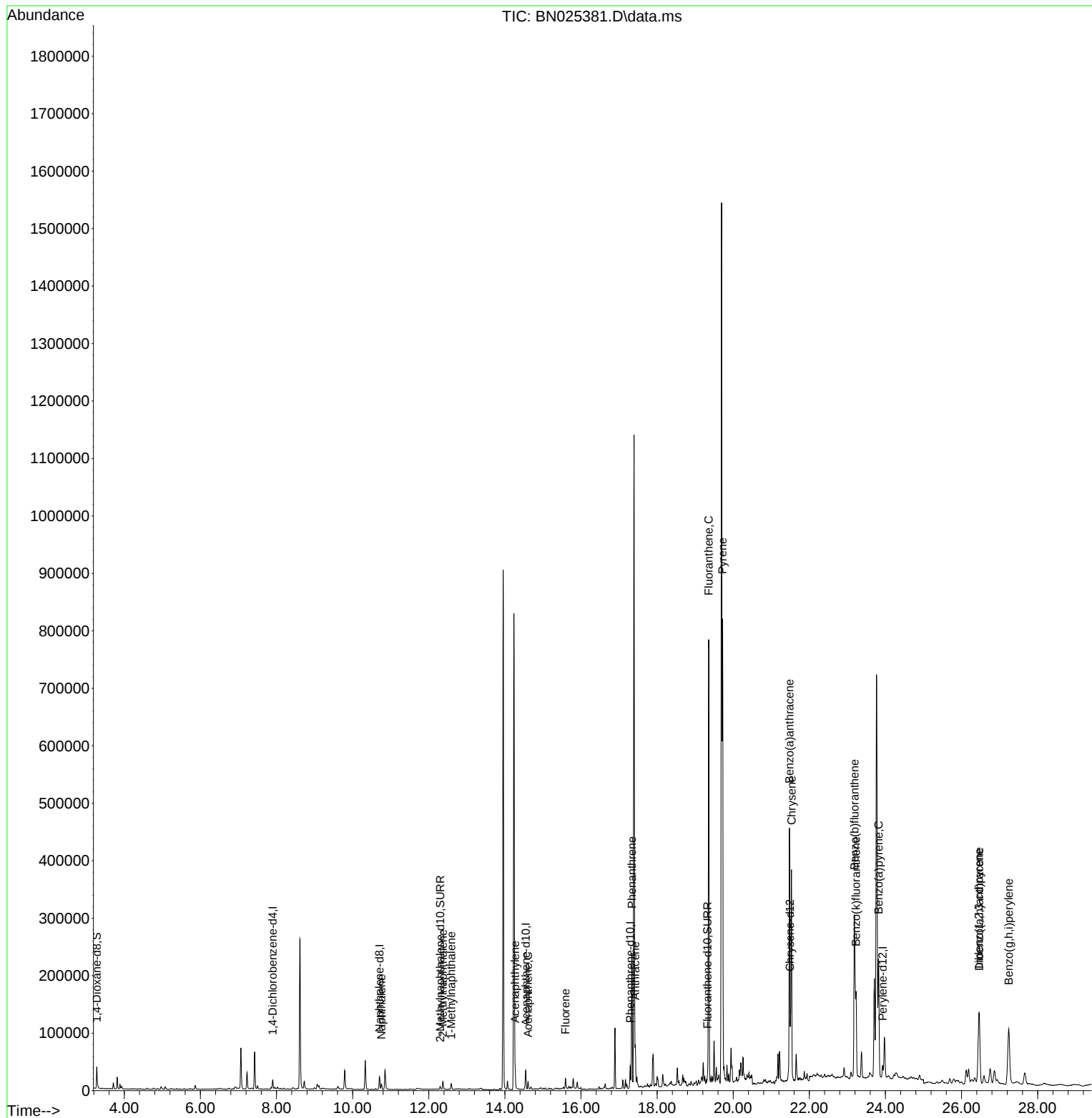
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051023\
Data File : BN025381.D
Acq On : 10 May 2023 15:13
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ALS Vial : 12 Sample Multiplier: 1

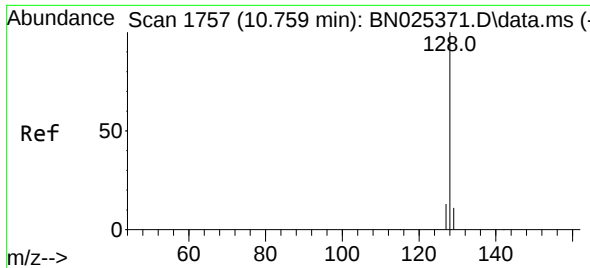
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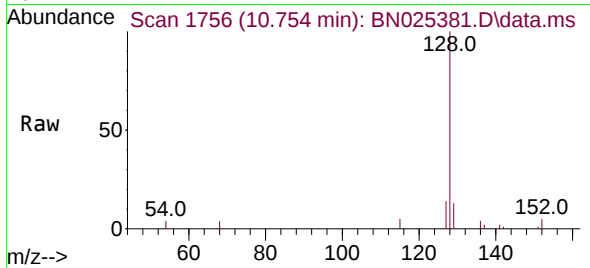
Quant Time: May 11 01:11:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 12:11:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.754 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

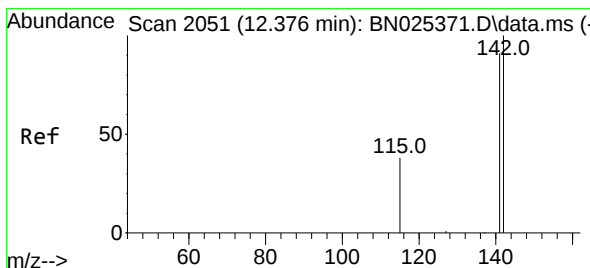
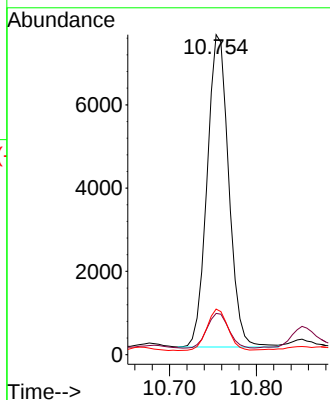
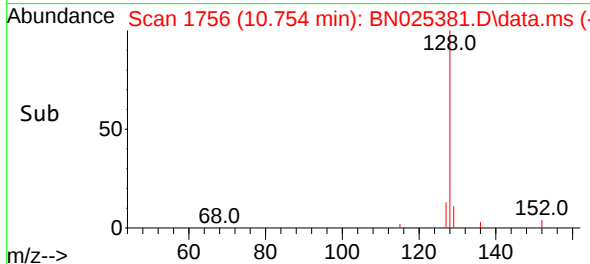
Instrument :
BNA_N
ClientSampleId :
EW973RE



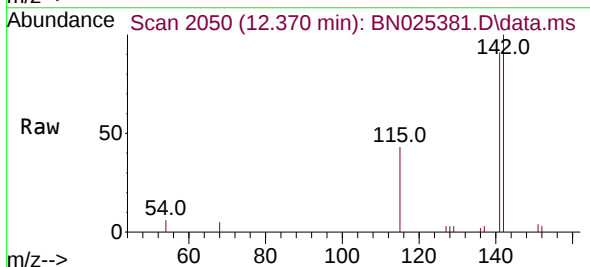
Tgt Ion:128 Resp: 12950
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.6
127 14.2 10.7 16.1

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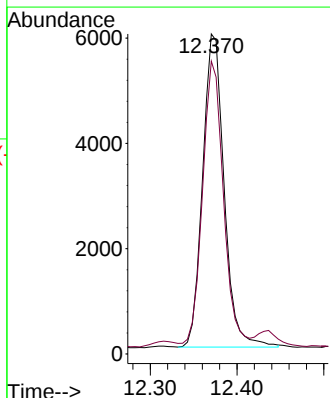
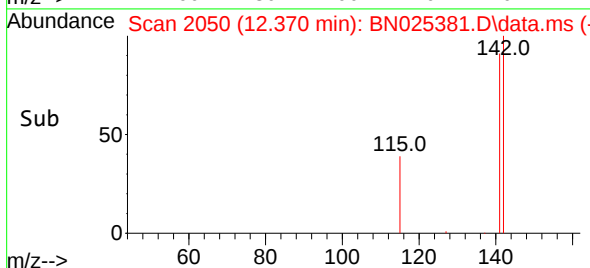
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

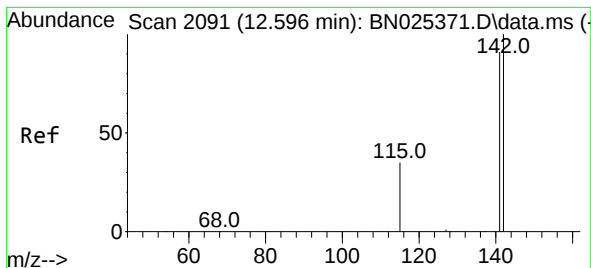


#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.370 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13



Tgt Ion:142 Resp: 10208
Ion Ratio Lower Upper
142 100
141 86.7 71.4 107.0





#8

1-Methylnaphthalene

Concen: 0.149 ng/ul

RT: 12.590 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

Instrument :

BNA_N

ClientSampleId :

EW973RE

Tgt Ion:142 Resp: 727

Ion Ratio Lower Upper

142 100

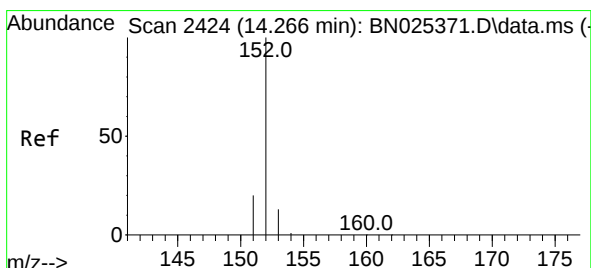
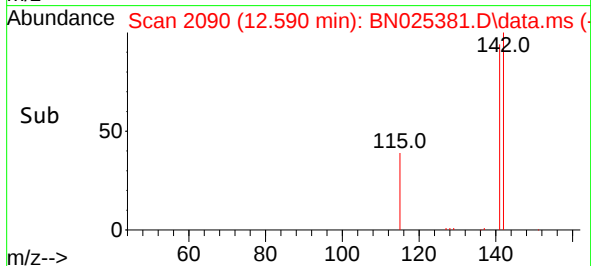
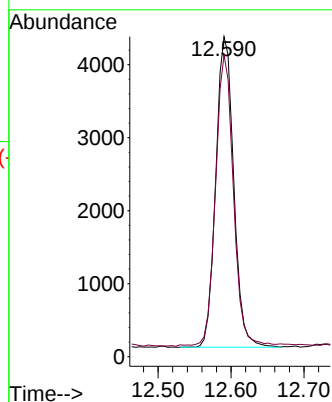
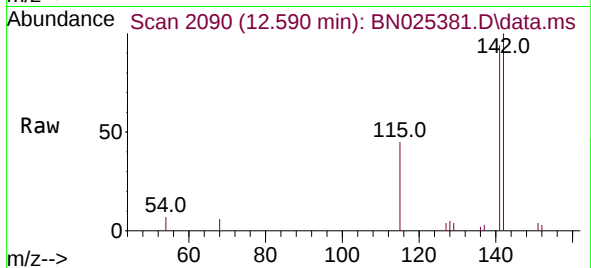
141 93.6 73.8 110.6

Manual Integrations

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#10

Acenaphthylene

Concen: 0.395 ng/ul

RT: 14.269 min Scan# 2425

Delta R.T. 0.004 min

Lab File: BN025381.D

Acq: 10 May 2023 15:13

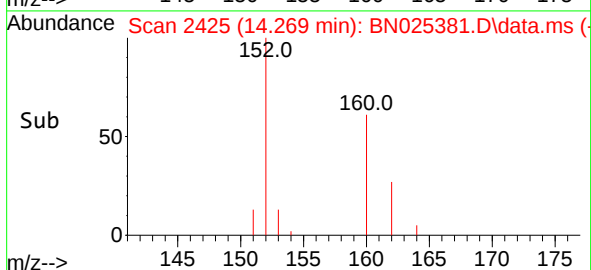
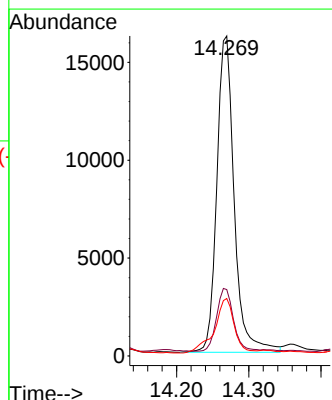
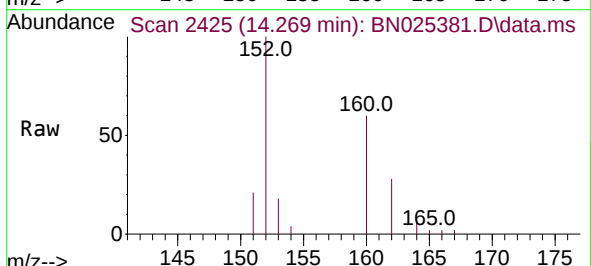
Tgt Ion:152 Resp: 27065

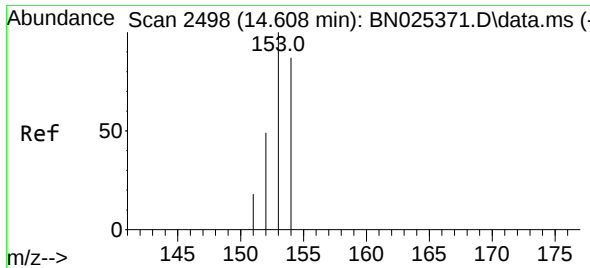
Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

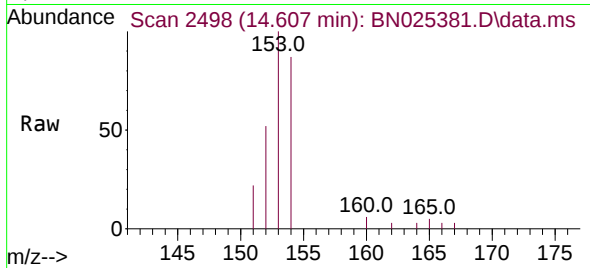
153 18.0 10.8 16.2#





#11
Acenaphthene
Concen: 0.135 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

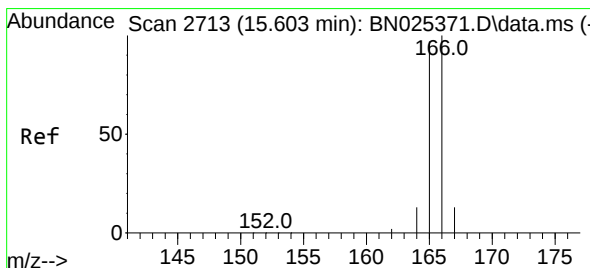
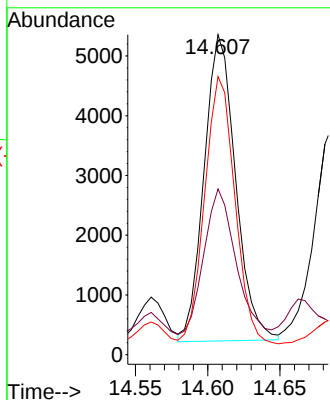
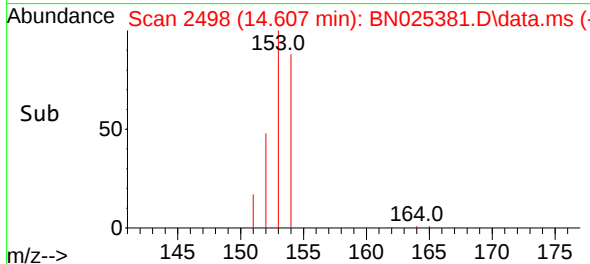
Instrument :
BNA_N
ClientSampleId :
EW973RE



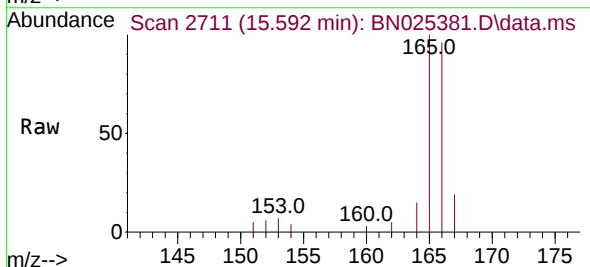
Tgt Ion:153 Resp: 7769
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 86.9 69.4 104.2

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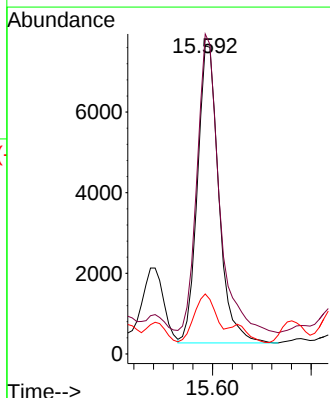
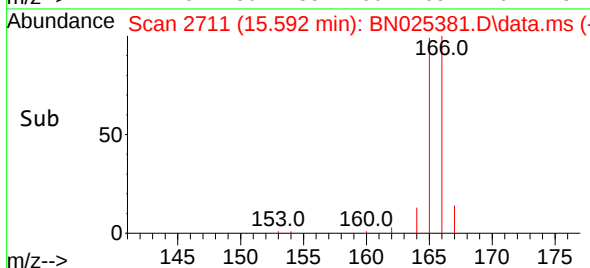
Reviewed By :Christian Giraldo 05/11/2023
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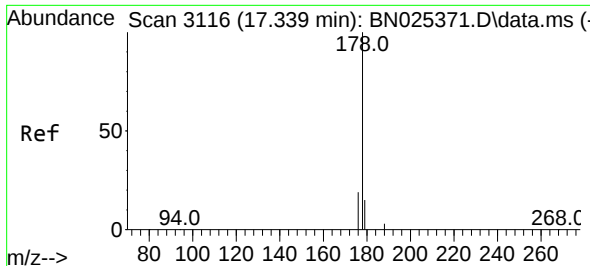


#12
Fluorene
Concen: 0.172 ng/ul
RT: 15.592 min Scan# 2711
Delta R.T. -0.010 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13



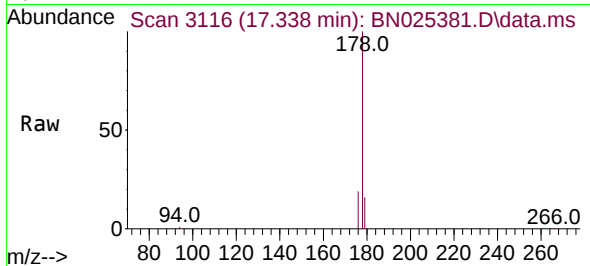
Tgt Ion:166 Resp: 11094
Ion Ratio Lower Upper
166 100
165 103.9 78.1 117.1
167 19.5 11.0 16.6





#15
Phenanthrene
Concen: 2.038 ng/ul
RT: 17.338 min Scan# 3116
Delta R.T. -0.001 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

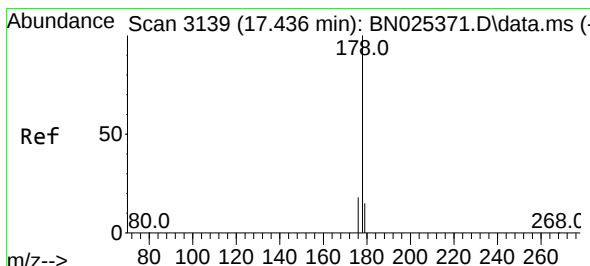
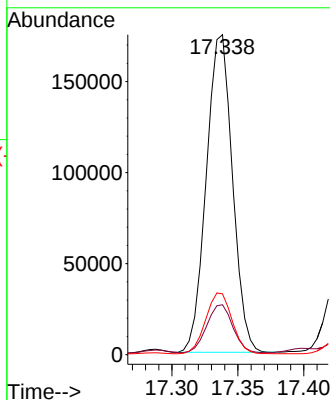
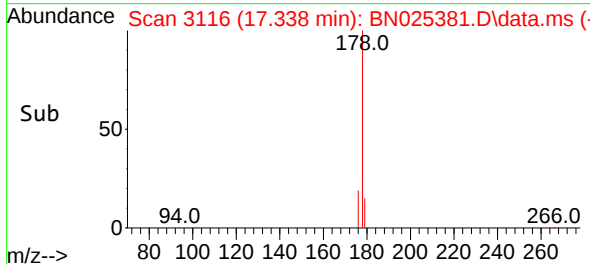
Instrument :
BNA_N
ClientSampleId :
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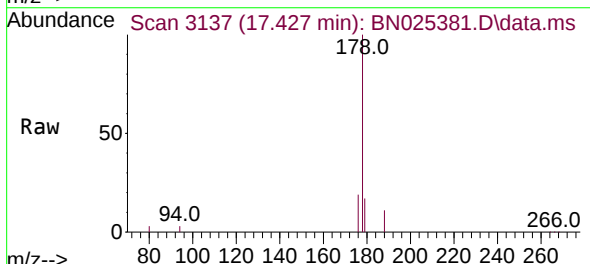
Tgt Ion:178 Resp: 24064
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 19.0 15.6 23.4

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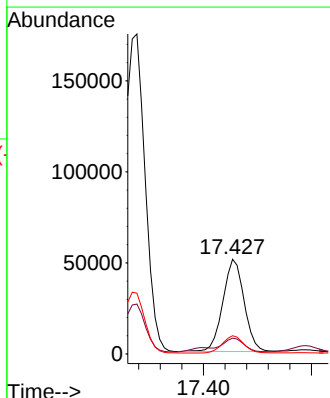
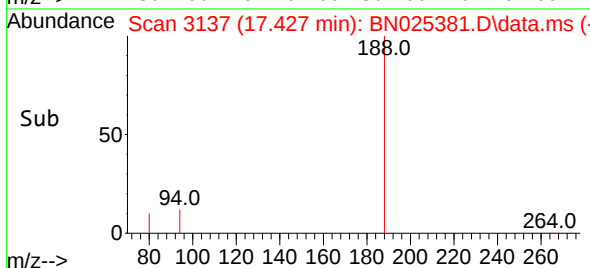
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

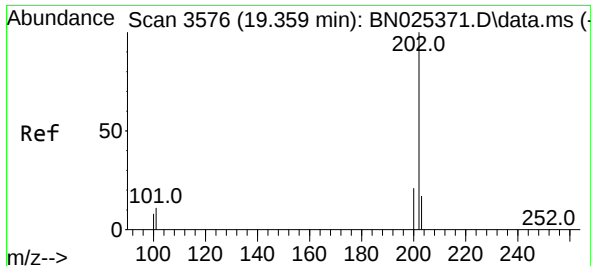


#16
Anthracene
Concen: 0.719 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13



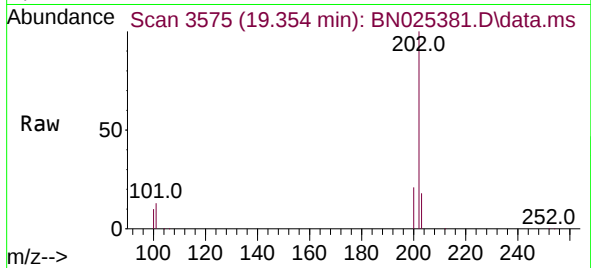
Tgt Ion:178 Resp: 69473
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 19.3 15.3 22.9





#19
Fluoranthene
Concen: 6.361 ng/u1
RT: 19.354 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

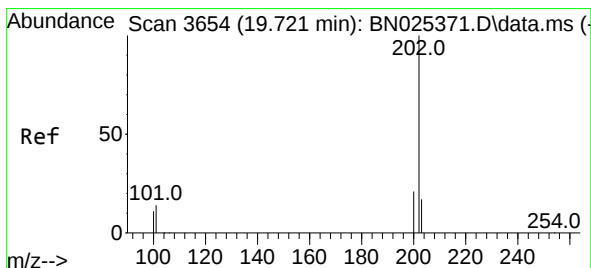
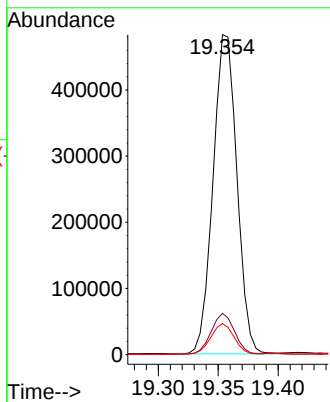
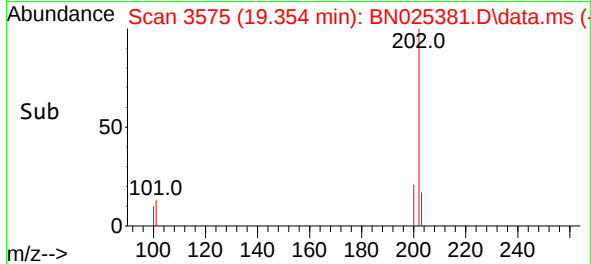
Instrument :
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Tgt Ion:202 Resp: 668509
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 9.7 7.3 10.9

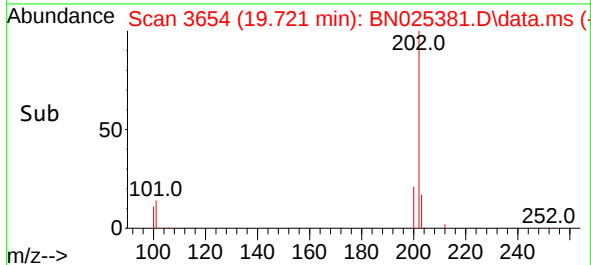
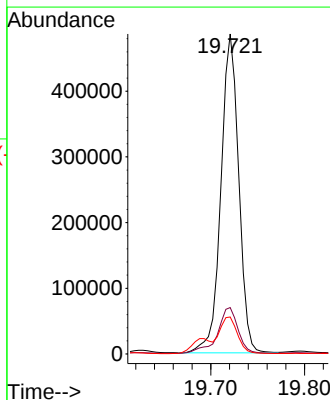
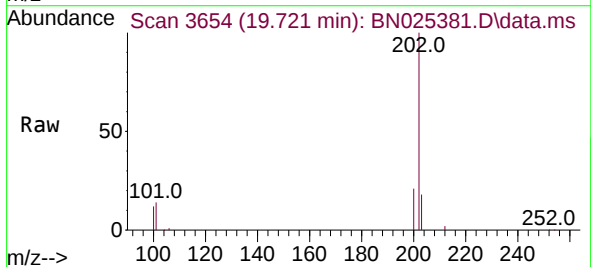
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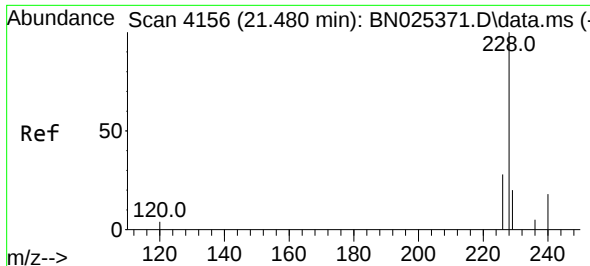
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
Pyrene
Concen: 5.927 ng/u1
RT: 19.721 min Scan# 3654
Delta R.T. -0.001 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

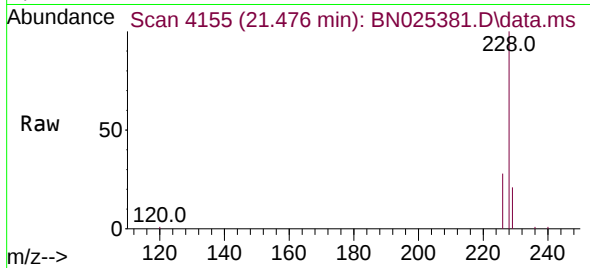
Tgt Ion:202 Resp: 640033
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.6 9.2 13.8





#21
Benzo(a)anthracene
Concen: 4.247 ng/ul
RT: 21.476 min Scan# 4155
Delta R.T. -0.004 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

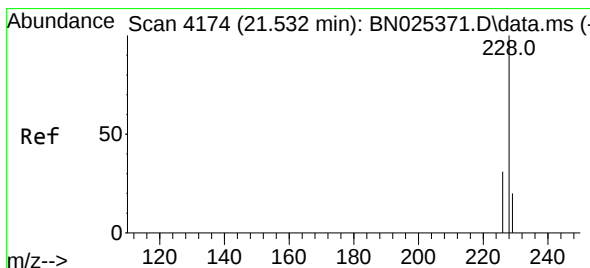
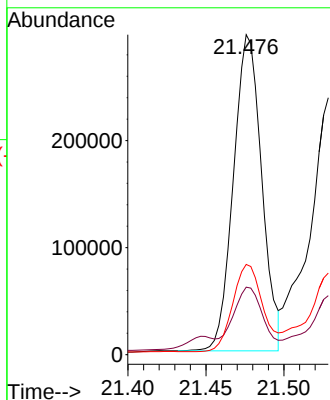
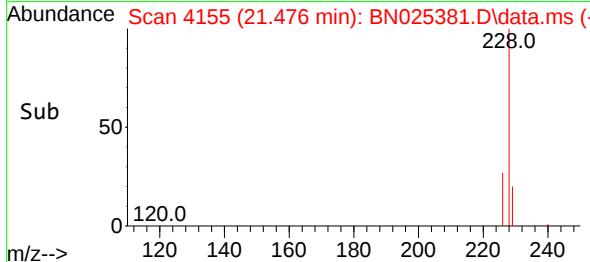
Instrument :
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Tgt Ion:228 Resp: 371894
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.2 22.1 33.1

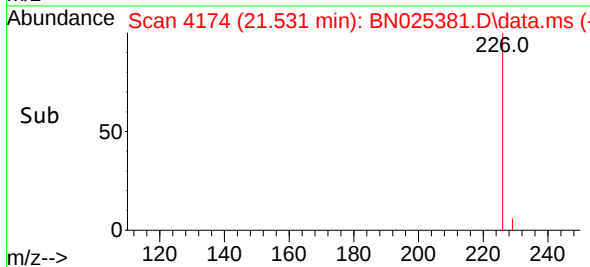
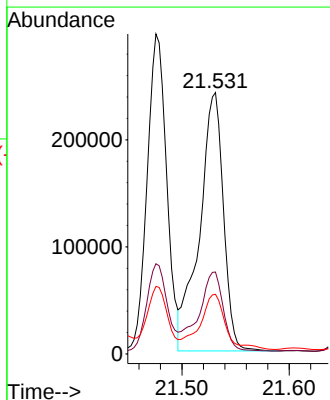
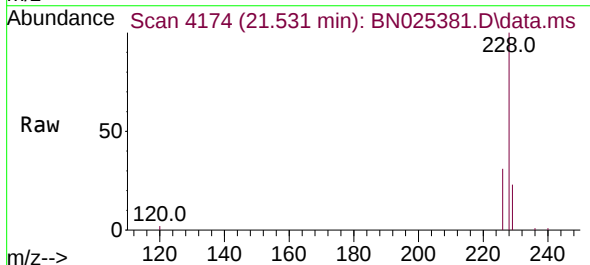
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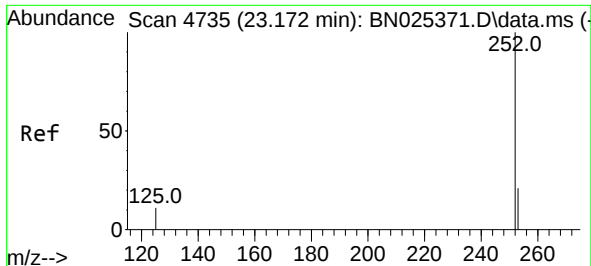
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#22
Chrysene
Concen: 3.927 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

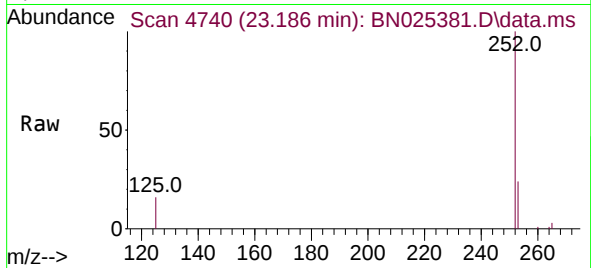
Tgt Ion:228 Resp: 375144
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.481 ng/ul m
RT: 23.186 min Scan# 4735
Delta R.T. 0.014 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

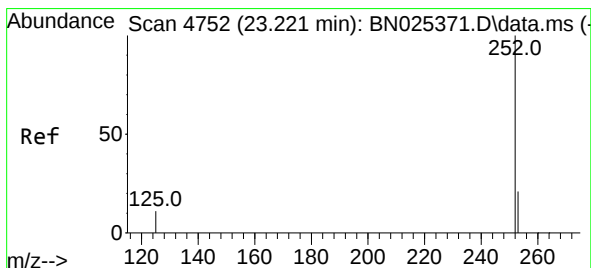
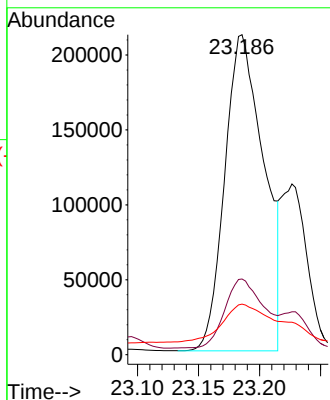
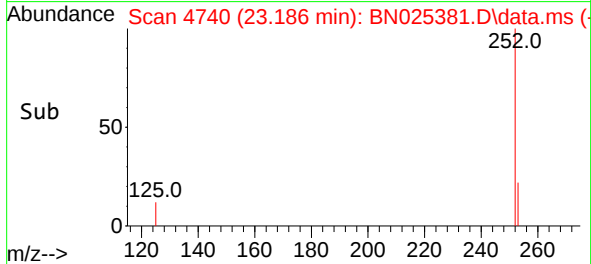
Instrument :
BNA_N
ClientSampleId :
EW973RE



Tgt Ion:252 Resp: 470314
Ion Ratio Lower Upper
252 100
253 23.7 0.0 50.2
125 15.8 0.0 30.4

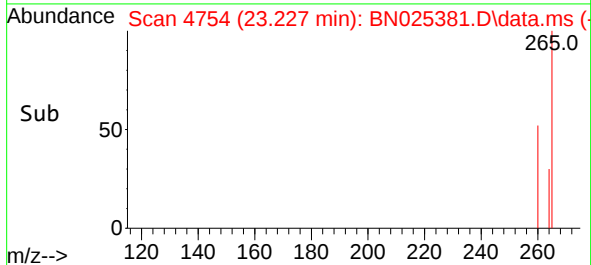
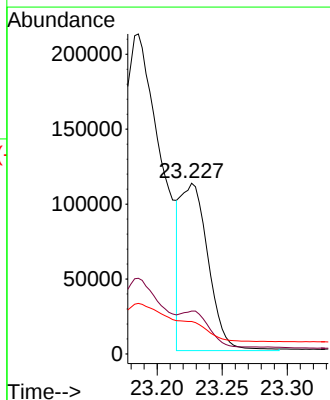
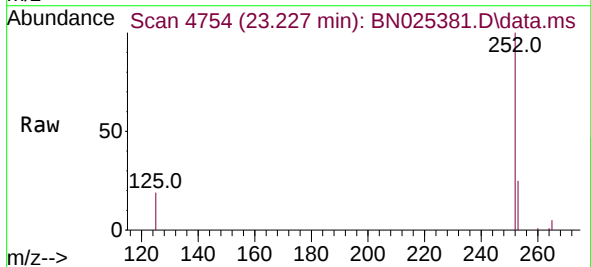
Manual Integrations
APPROVED

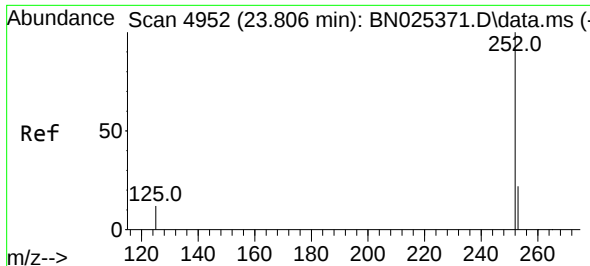
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#25
Benzo(k)fluoranthene
Concen: 1.646 ng/ul m
RT: 23.227 min Scan# 4754
Delta R.T. 0.005 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

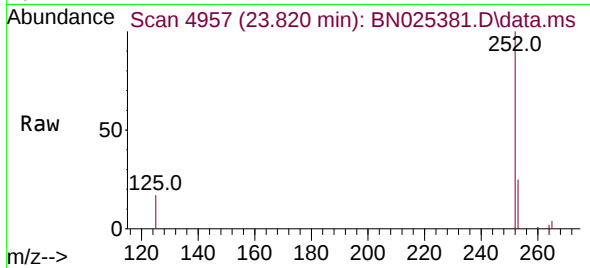
Tgt Ion:252 Resp: 166131
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 19.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 3.604 ng/ul
RT: 23.820 min Scan# 4952
Delta R.T. 0.014 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

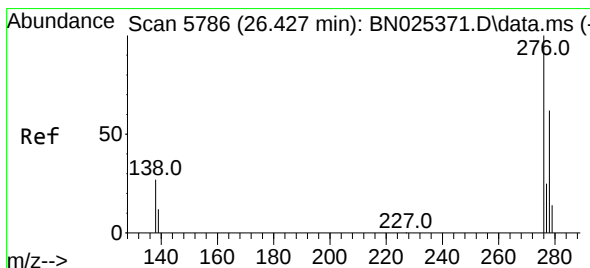
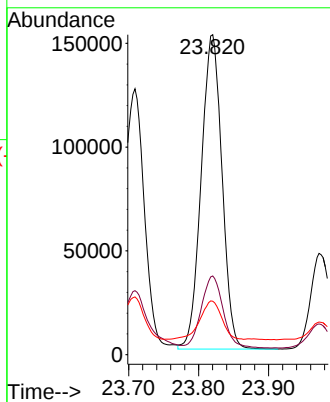
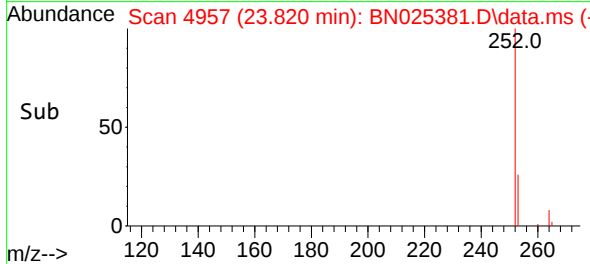
Instrument :
BNA_N
ClientSampleId :
EW973RE



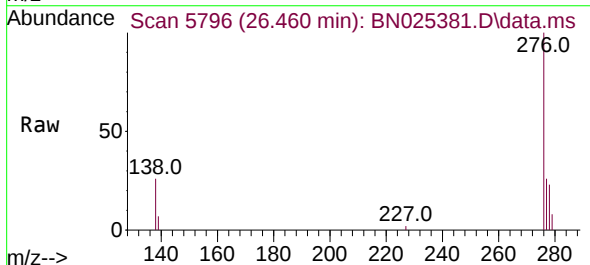
Tgt Ion:252 Resp: 31291
Ion Ratio Lower Upper
252 100
253 24.6 21.4 32.2
125 16.7 14.6 22.0

Manual Integrations
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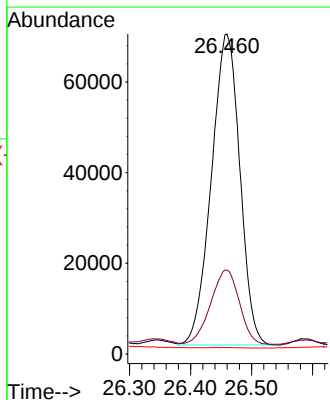
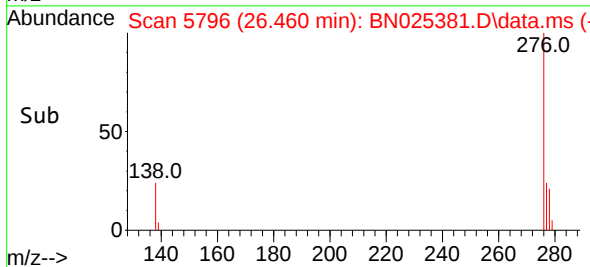
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

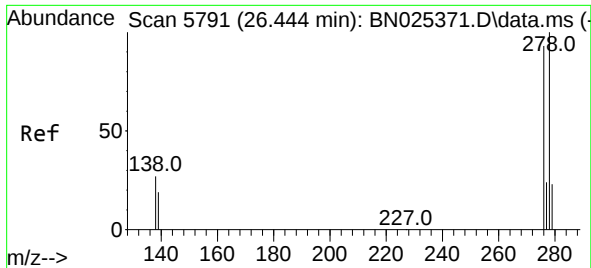


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.224 ng/ul
RT: 26.460 min Scan# 5796
Delta R.T. 0.033 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13



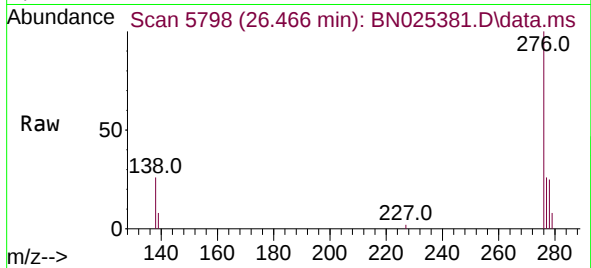
Tgt Ion:276 Resp: 222551
Ion Ratio Lower Upper
276 100
138 24.2 21.9 32.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.747 ng/ul
RT: 26.466 min Scan# 51
Delta R.T. 0.023 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13

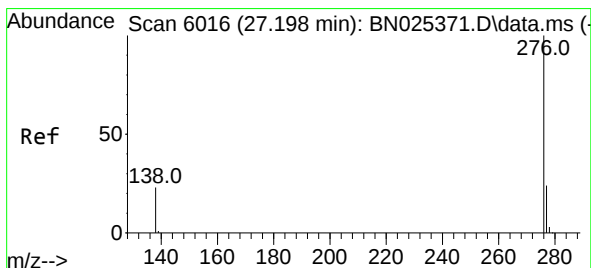
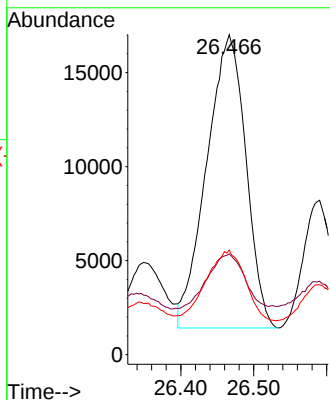
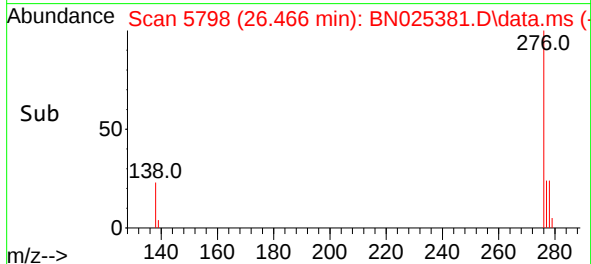
Instrument :
BNA_N
ClientSampleId :
EW973RE



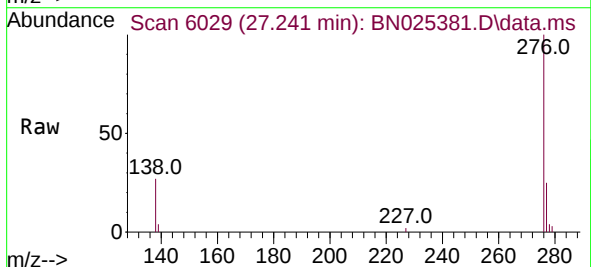
Tgt Ion:278 Resp: 58372
Ion Ratio Lower Upper
278 100
139 31.5 17.0 25.6
279 32.7 21.8 32.8

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Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#29
Benzo(g,h,i)perylene
Concen: 2.814 ng/ul
RT: 27.241 min Scan# 6029
Delta R.T. 0.043 min
Lab File: BN025381.D
Acq: 10 May 2023 15:13



Tgt Ion:276 Resp: 239374
Ion Ratio Lower Upper
276 100
138 26.5 20.3 30.5
277 25.0 19.8 29.6

