

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026920.D
 Acq On : 16 Aug 2023 03:24
 Operator : MA/JU
 Sample : 03965-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 04:18:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	14387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	49310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	29389	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	65135	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	54005	0.400	ng/ul	0.00
23) Perylene-d12	24.202	264	51391	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	46886	2.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	14803	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	38619	0.226	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.988	128	15888	0.114	ng/ul	98
7) 2-Methylnaphthalene	12.583	142	8758	0.104	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	7137	0.081	ng/ul	100
10) Acenaphthylene	14.467	152	27167	0.165	ng/ul	100
11) Acenaphthene	14.800	153	4345	0.038	ng/ul	97
12) Fluorene	15.781	166	10201	0.079	ng/ul	99
15) Phenanthrene	17.523	178	257110	1.202	ng/ul	99
16) Anthracene	17.616	178	70748	0.366	ng/ul	100
19) Fluoranthene	19.529	202	651008	2.902	ng/ul	100
20) Pyrene	19.896	202	553519m	2.313	ng/ul	
21) Benzo(a)anthracene	21.635	228	336743	1.568	ng/ul	98
22) Chrysene	21.694	228	266727	1.258	ng/ul	97
24) Benzo(b)fluoranthene	23.415	252	328078m	1.688	ng/ul	
25) Benzo(k)fluoranthene	23.462	252	133840m	0.698	ng/ul	
26) Benzo(a)pyrene	24.091	252	239909	1.368	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.894	276	144178	0.628	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.921	278	34206	0.187	ng/ul#	85
29) Benzo(g,h,i)perylene	27.736	276	115128	0.603	ng/ul	99

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

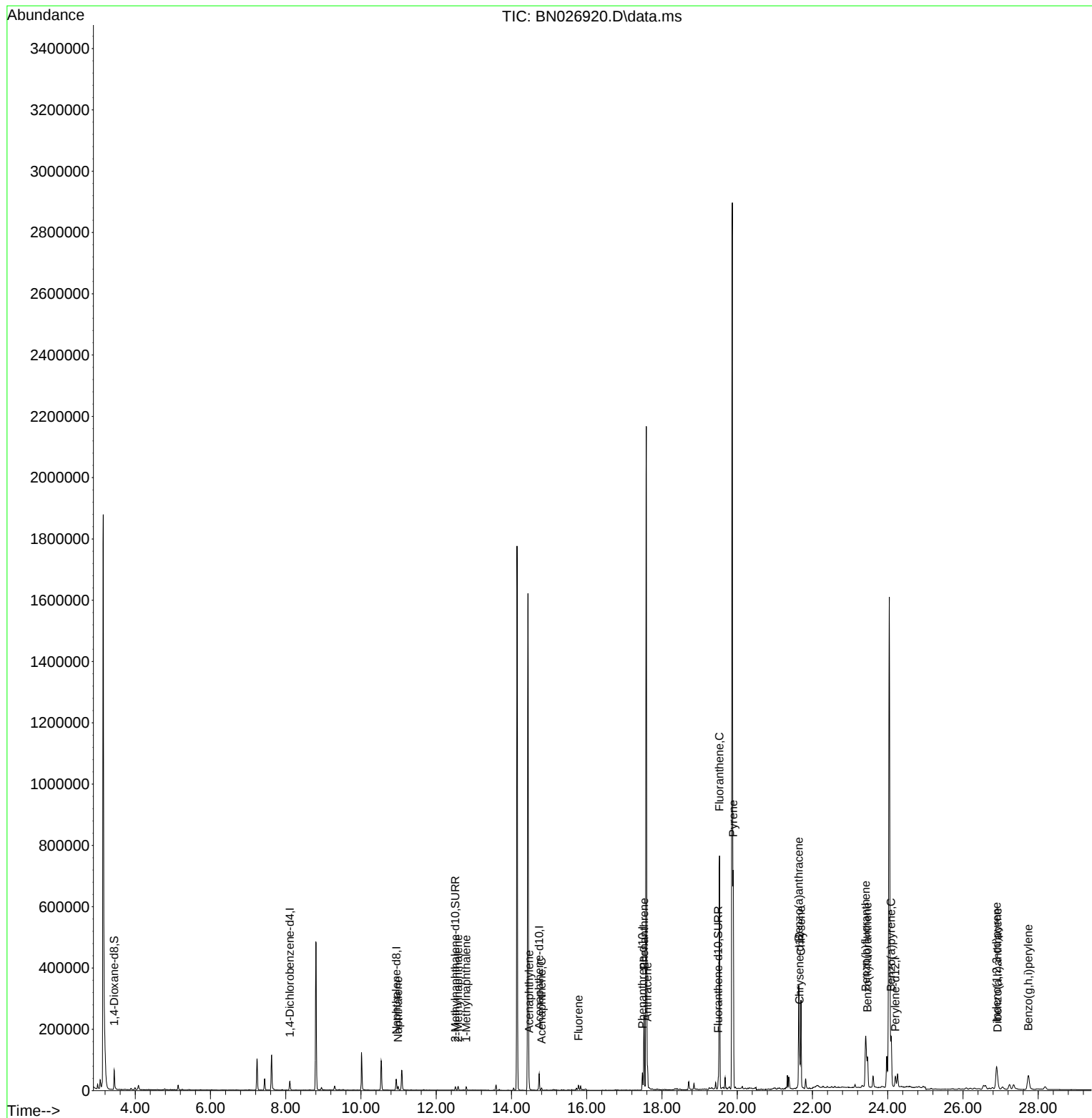
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026920.D
Acq On : 16 Aug 2023 03:24
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Sample : 03965-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

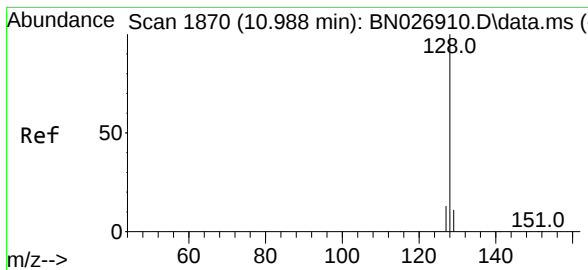
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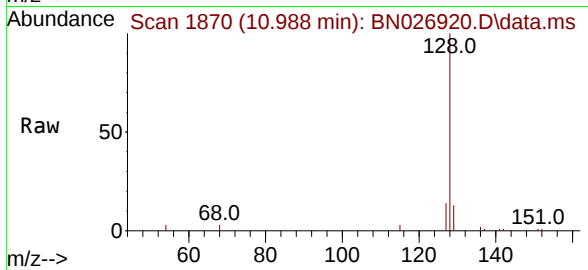
Quant Time: Aug 16 04:18:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

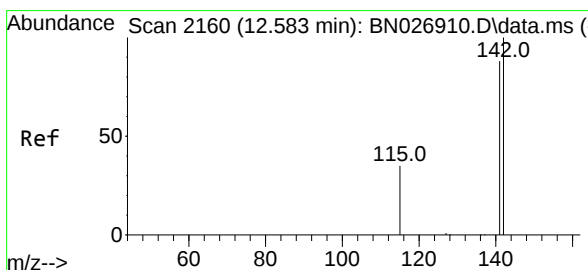
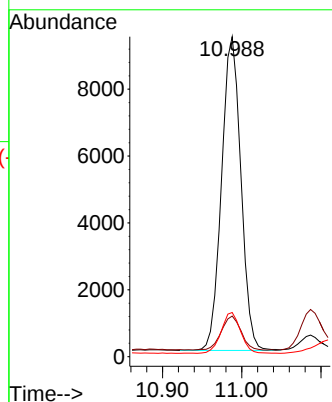
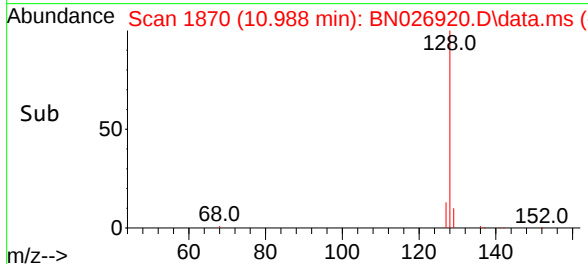
Instrument :
BNA_N
ClientSampleId :
A48L5



Tgt Ion:128 Resp: 1588
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.8 10.5 15.7

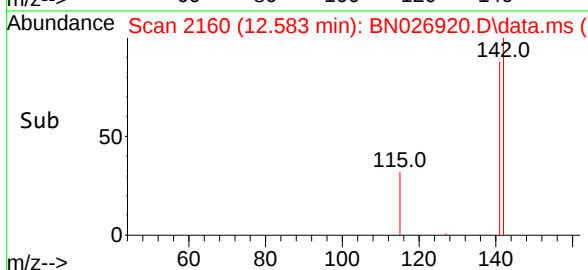
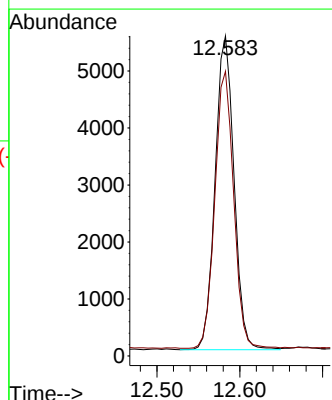
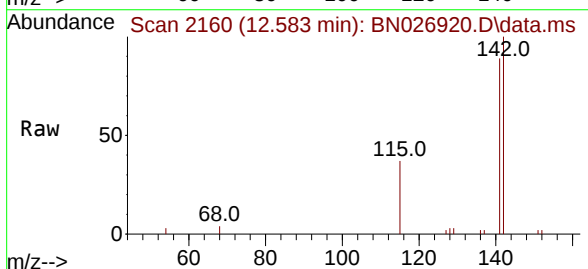
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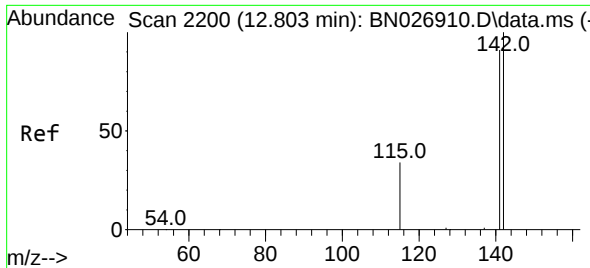
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

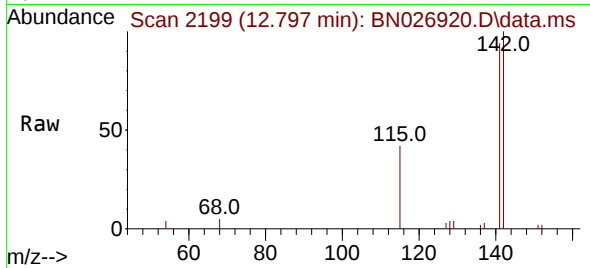
Tgt Ion:142 Resp: 8758
Ion Ratio Lower Upper
142 100
141 88.0 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

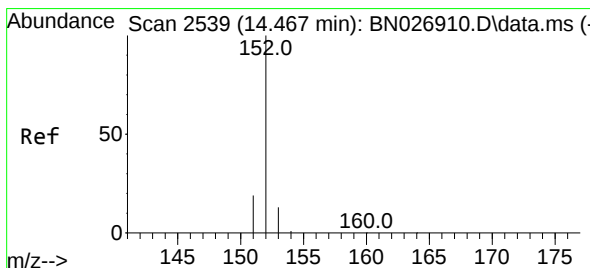
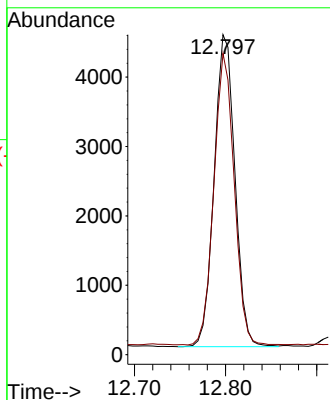
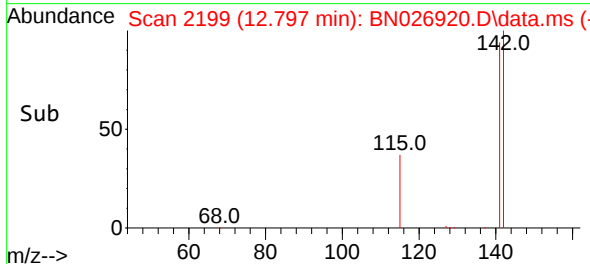
Instrument :
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Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
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141 91.2 73.2 109.8

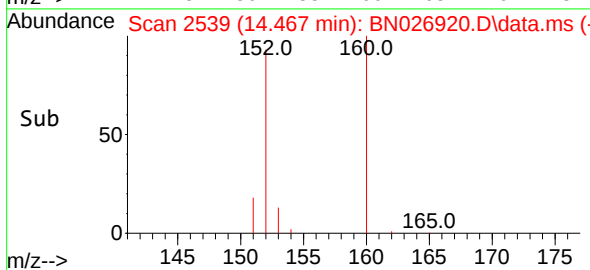
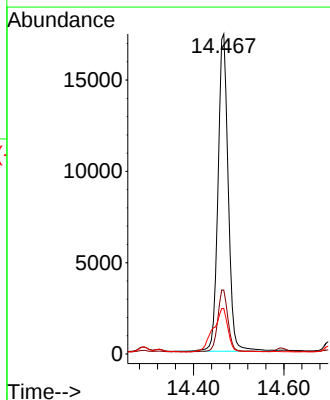
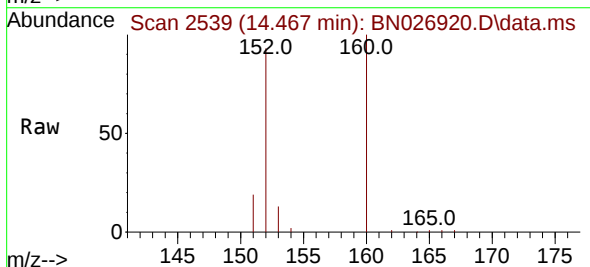
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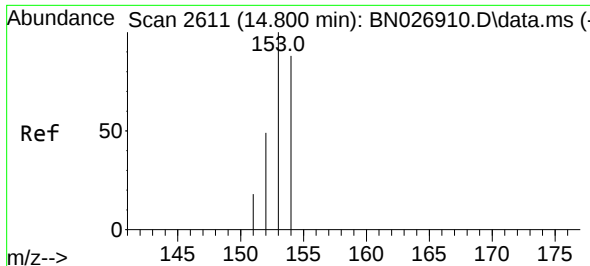
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

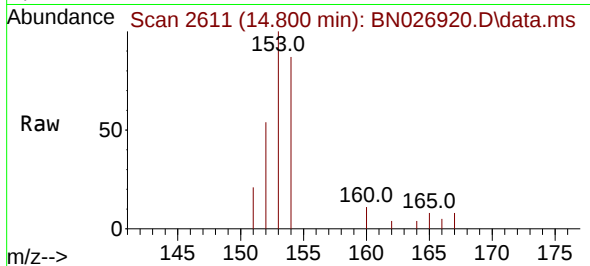
Tgt Ion:152 Resp: 27167
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.2 11.0 16.6





#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

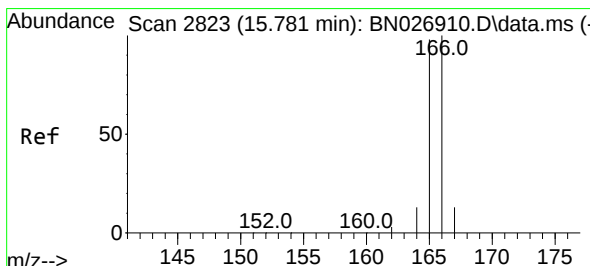
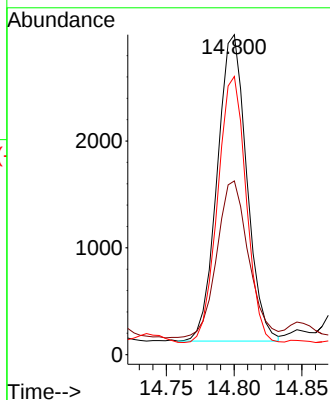
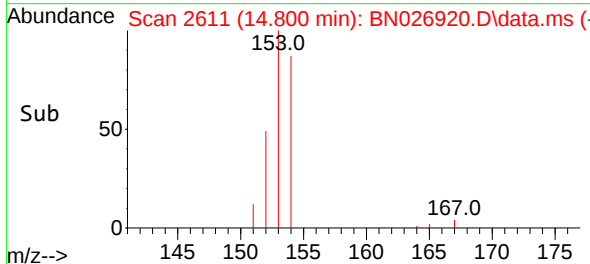
Instrument :
BNA_N
ClientSampleId :
A48L5



Tgt Ion:153 Resp: 4349
Ion Ratio Lower Upper
153 100
152 54.3 41.1 61.7
154 86.9 71.6 107.4

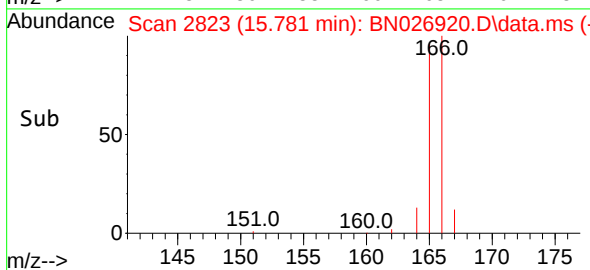
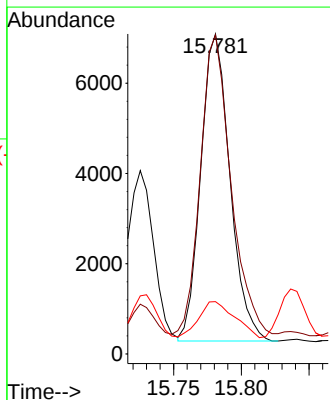
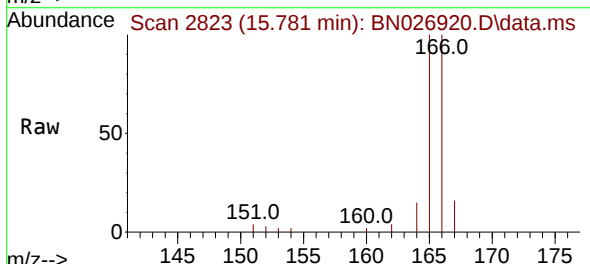
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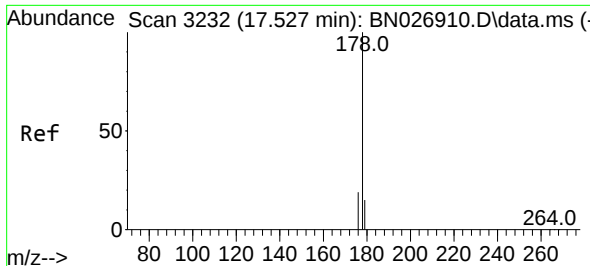
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

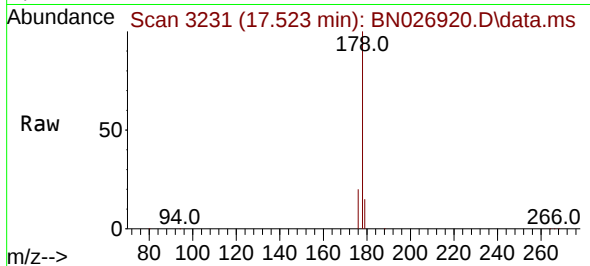
Tgt Ion:166 Resp: 10201
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 16.4 11.4 17.0





#15
Phenanthrene
Concen: 1.202 ng/u1
RT: 17.523 min Scan# 3211
Delta R.T. -0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

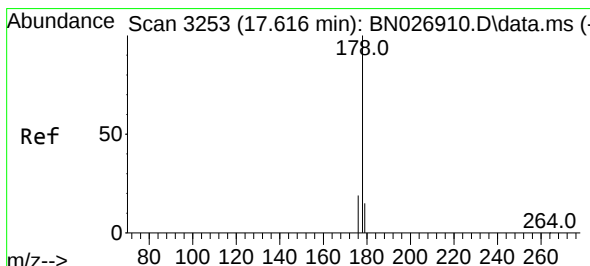
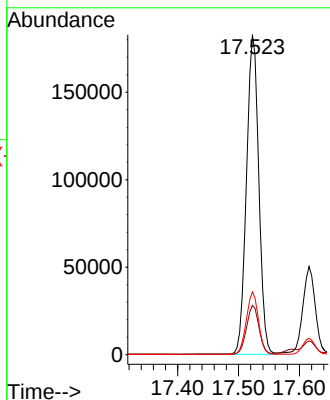
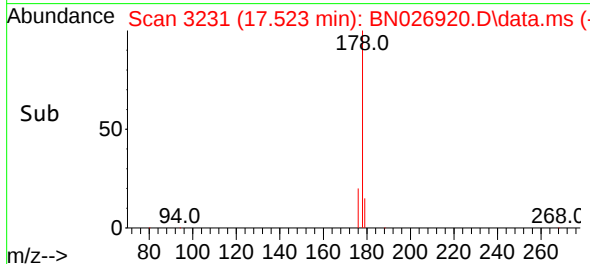
Instrument :
BNA_N
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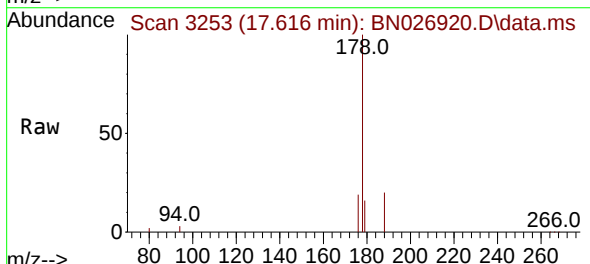
Tgt Ion:178 Resp: 257110
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.6 15.4 23.2

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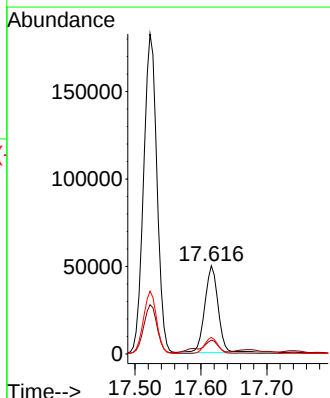
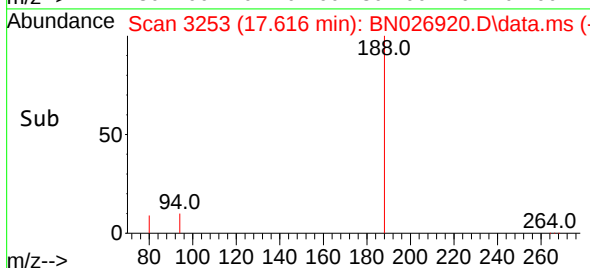
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

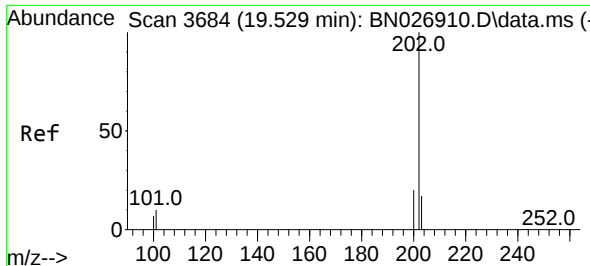


#16
Anthracene
Concen: 0.366 ng/u1
RT: 17.616 min Scan# 3253
Delta R.T. -0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24



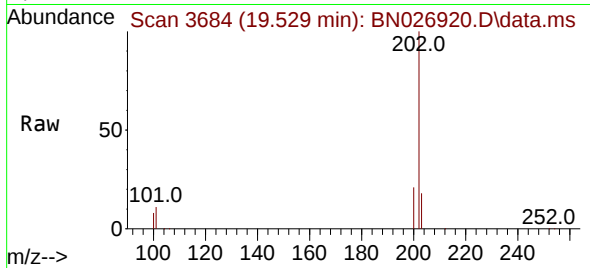
Tgt Ion:178 Resp: 70748
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 2.902 ng/ul
RT: 19.529 min Scan# 3684
Delta R.T. -0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

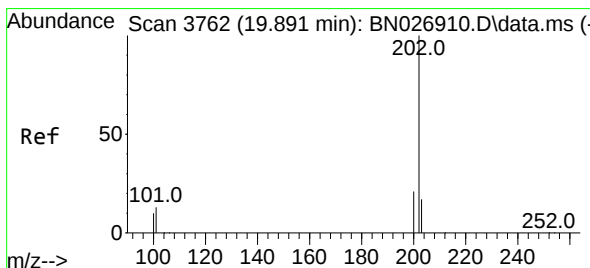
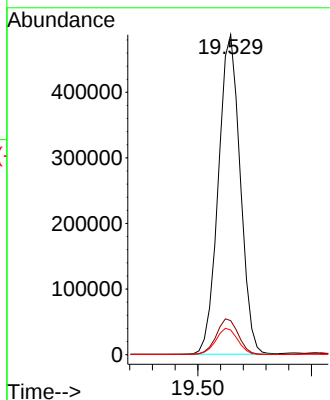
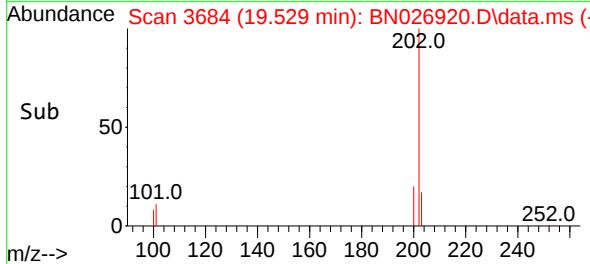
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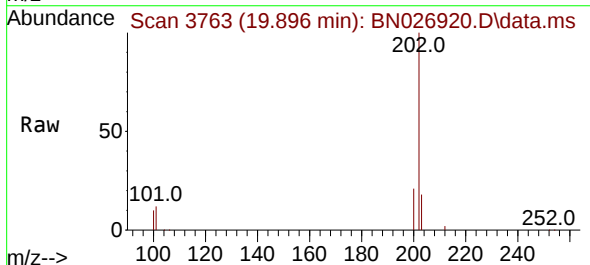
Tgt Ion:202 Resp: 651008
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 7.7 6.2 9.2

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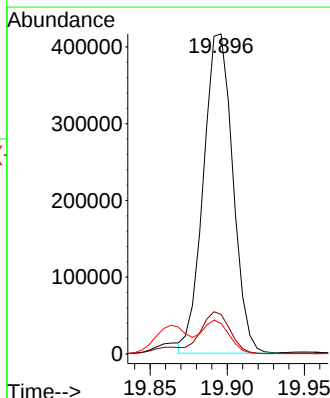
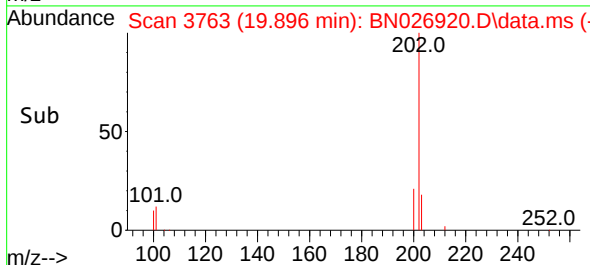
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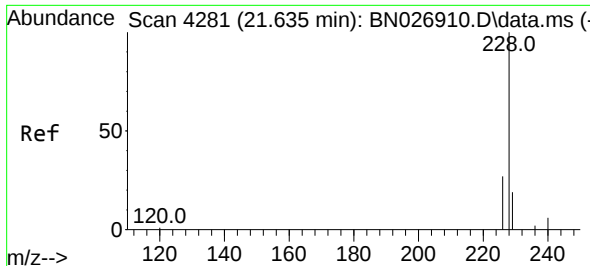


#20
Pyrene
Concen: 2.313 ng/ul m
RT: 19.896 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24



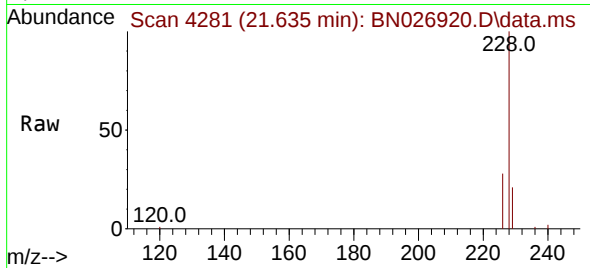
Tgt Ion:202 Resp: 553519
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.5 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.568 ng/ul
RT: 21.635 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

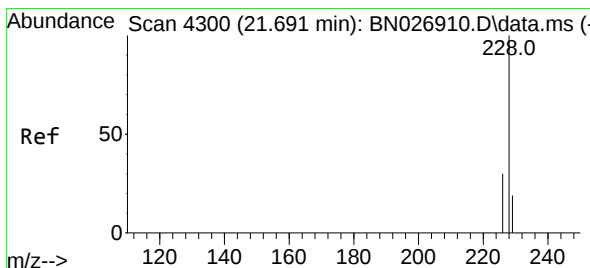
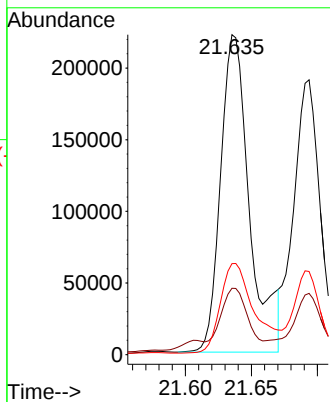
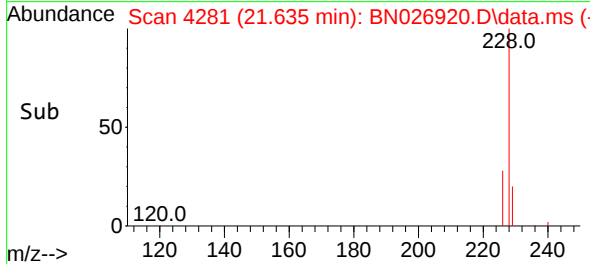
Instrument :
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A48L5



Tgt Ion:228 Resp: 33674
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.5 22.2 33.2

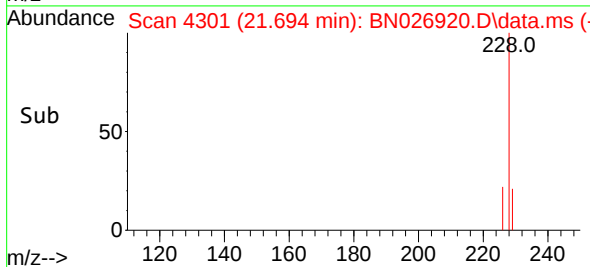
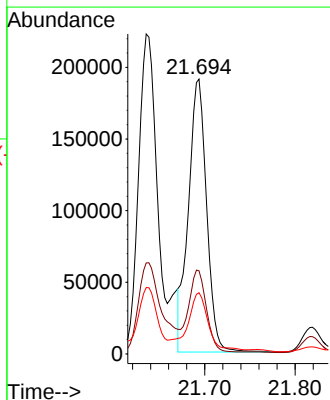
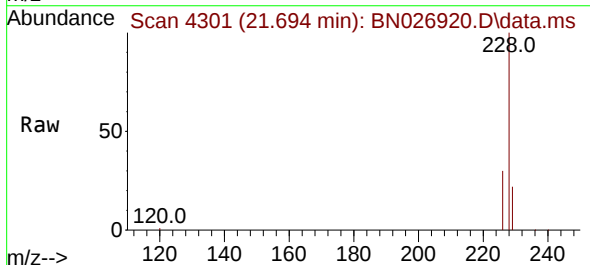
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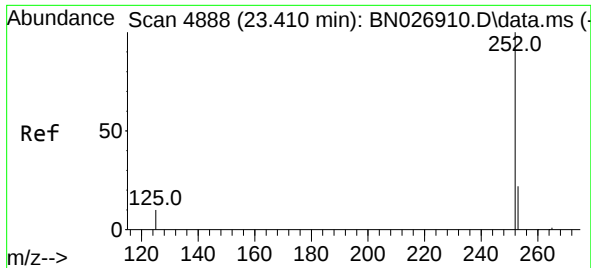
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#22
Chrysene
Concen: 1.258 ng/ul
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

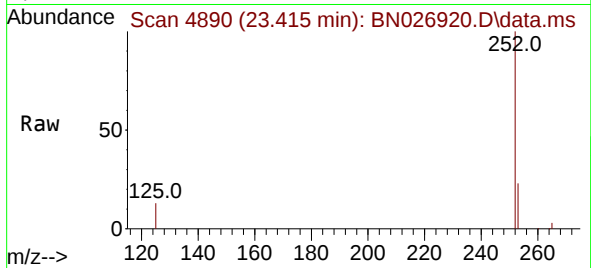
Tgt Ion:228 Resp: 266727
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.688 ng/ul m
RT: 23.415 min Scan# 4888
Delta R.T. -0.006 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

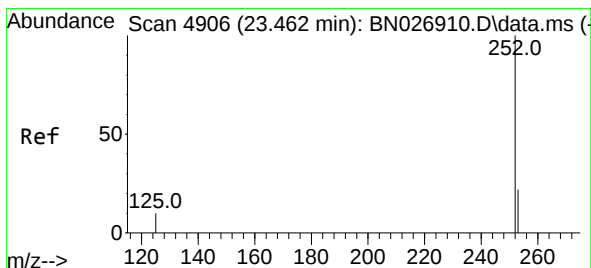
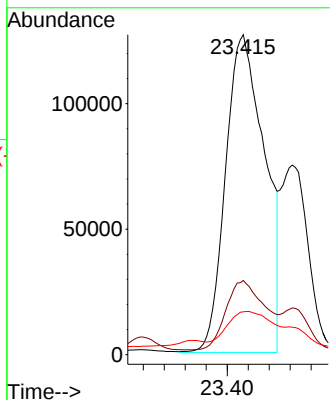
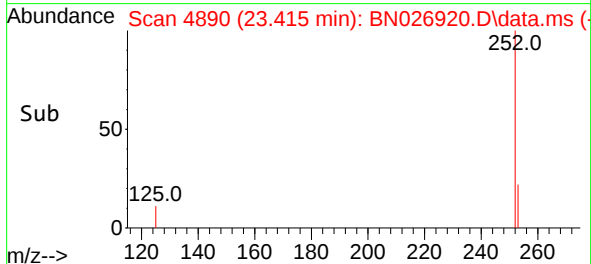
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 328078
Ion Ratio Lower Upper
252 100
253 23.2 0.0 46.8
125 13.4 0.0 25.2

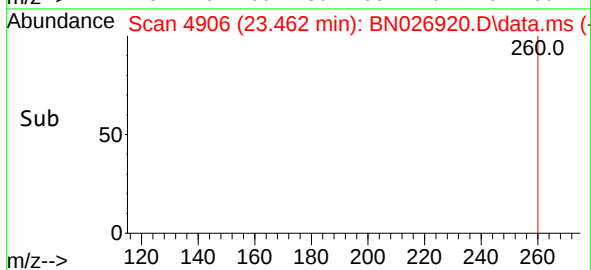
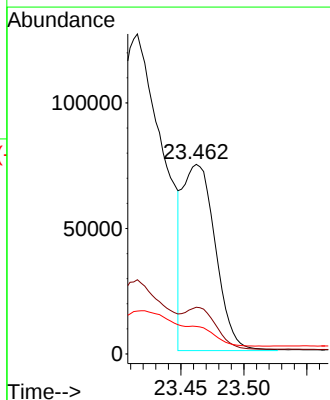
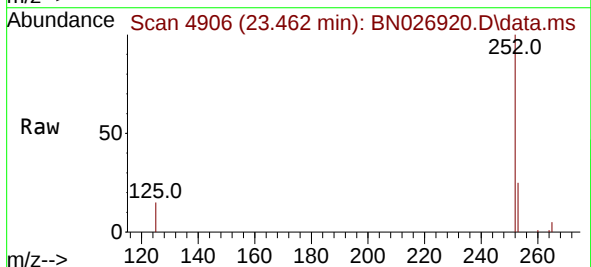
Manual Integrations
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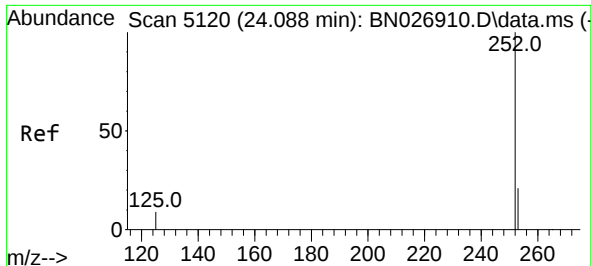
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.698 ng/ul m
RT: 23.462 min Scan# 4906
Delta R.T. -0.012 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

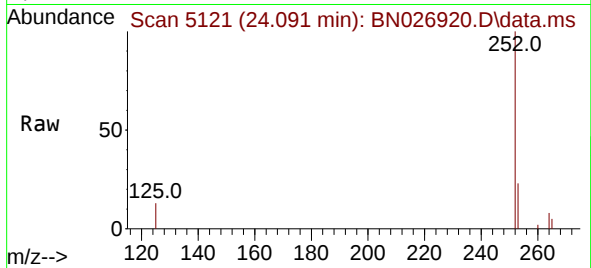
Tgt Ion:252 Resp: 133840
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.4
125 14.5 9.9 14.9





#26
Benzo(a)pyrene
Concen: 1.368 ng/ul
RT: 24.091 min Scan# 5121
Delta R.T. -0.009 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

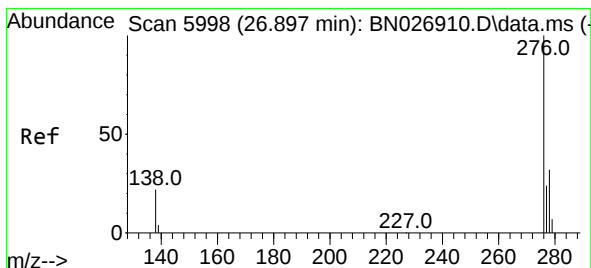
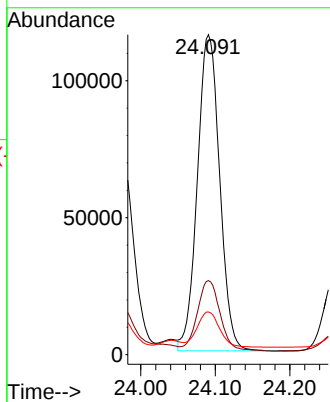
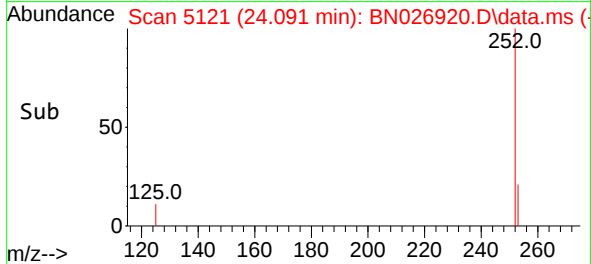
Instrument :
BNA_N
ClientSampleId :
A48L5



Tgt Ion:252 Resp: 239909
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 13.4 11.4 17.0

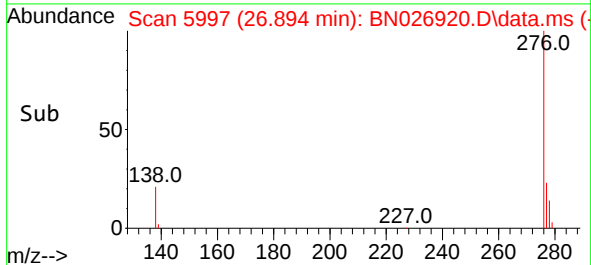
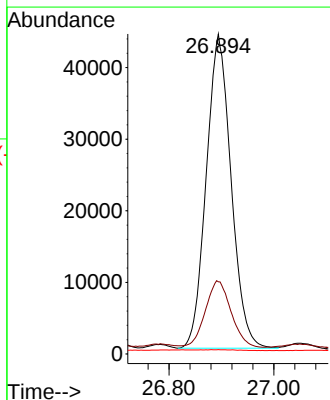
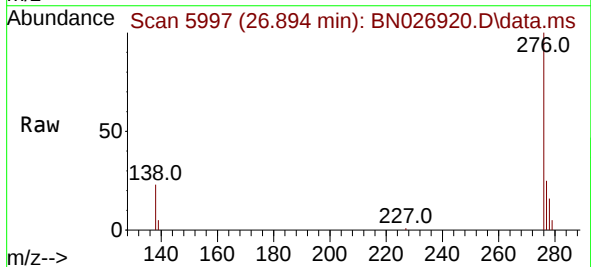
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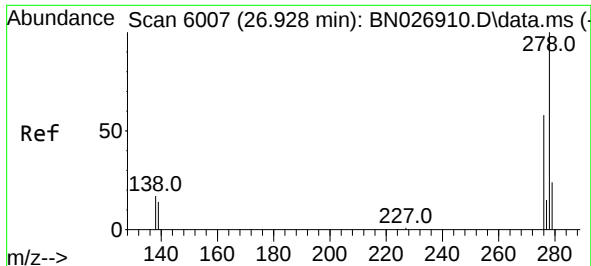
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.628 ng/ul
RT: 26.894 min Scan# 5997
Delta R.T. -0.014 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

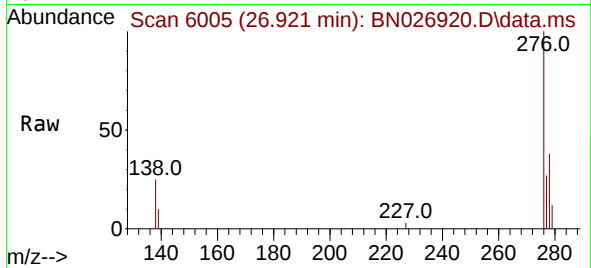
Tgt Ion:276 Resp: 144178
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.921 min Scan# 6005
Delta R.T. -0.017 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24

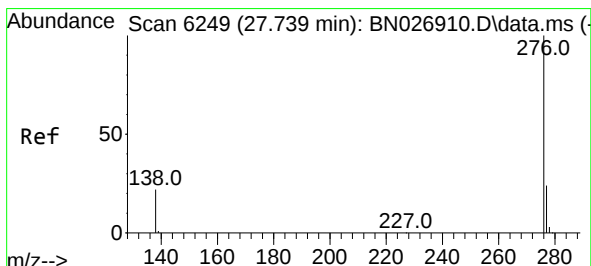
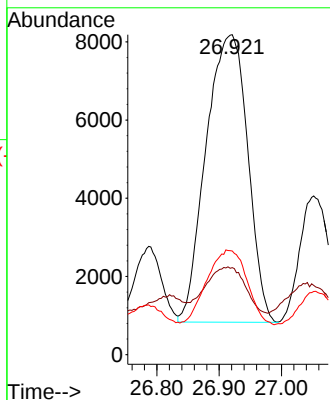
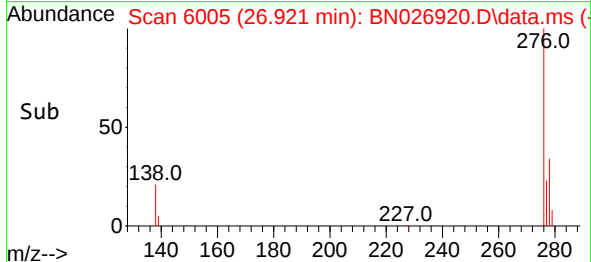
Instrument :
BNA_N
ClientSampleId :
A48L5



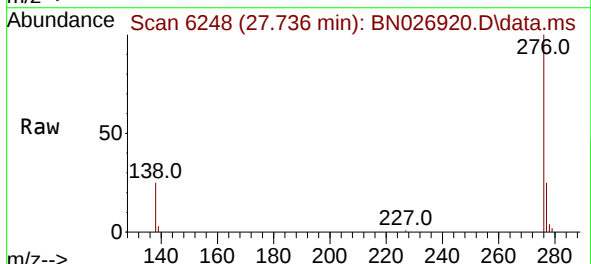
Tgt Ion:278 Resp: 34200
Ion Ratio Lower Upper
278 100
139 27.2 15.7 23.5
279 32.4 20.2 30.4

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Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#29
Benzo(g,h,i)perylene
Concen: 0.603 ng/ul
RT: 27.736 min Scan# 6248
Delta R.T. -0.010 min
Lab File: BN026920.D
Acq: 16 Aug 2023 03:24



Tgt Ion:276 Resp: 115128
Ion Ratio Lower Upper
276 100
138 24.6 19.3 28.9
277 25.1 19.8 29.8

