

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026919.D
 Acq On : 16 Aug 2023 02:48
 Operator : MA/JU
 Sample : 03965-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L4

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 03:17:32 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	16621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	56633	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	34069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	75171	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	62021	0.400	ng/ul	-0.01
23) Perylene-d12	24.202	264	59204	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	68434	3.468	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	21546	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	54009	0.276	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.988	128	8874	0.055	ng/ul#	95
7) 2-Methylnaphthalene	12.583	142	2783	0.029	ng/ul	98
10) Acenaphthylene	14.467	152	27191	0.142	ng/ul	100
11) Acenaphthene	14.795	153	4573	0.035	ng/ul	99
12) Fluorene	15.781	166	7108	0.048	ng/ul	93
15) Phenanthrene	17.523	178	197711	0.801	ng/ul	100
16) Anthracene	17.616	178	42807	0.192	ng/ul	100
19) Fluoranthene	19.525	202	745487	2.894	ng/ul	98
20) Pyrene	19.892	202	642047m	2.336	ng/ul	
21) Benzo(a)anthracene	21.633	228	320555	1.300	ng/ul	98
22) Chrysene	21.688	228	378080	1.553	ng/ul	99
24) Benzo(b)fluoranthene	23.410	252	498268m	2.225	ng/ul	
25) Benzo(k)fluoranthene	23.459	252	181338m	0.821	ng/ul	
26) Benzo(a)pyrene	24.088	252	312175	1.545	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.891	276	225714	0.854	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.911	278	48195	0.229	ng/ul#	88
29) Benzo(g,h,i)perylene	27.733	276	197771	0.899	ng/ul	100

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

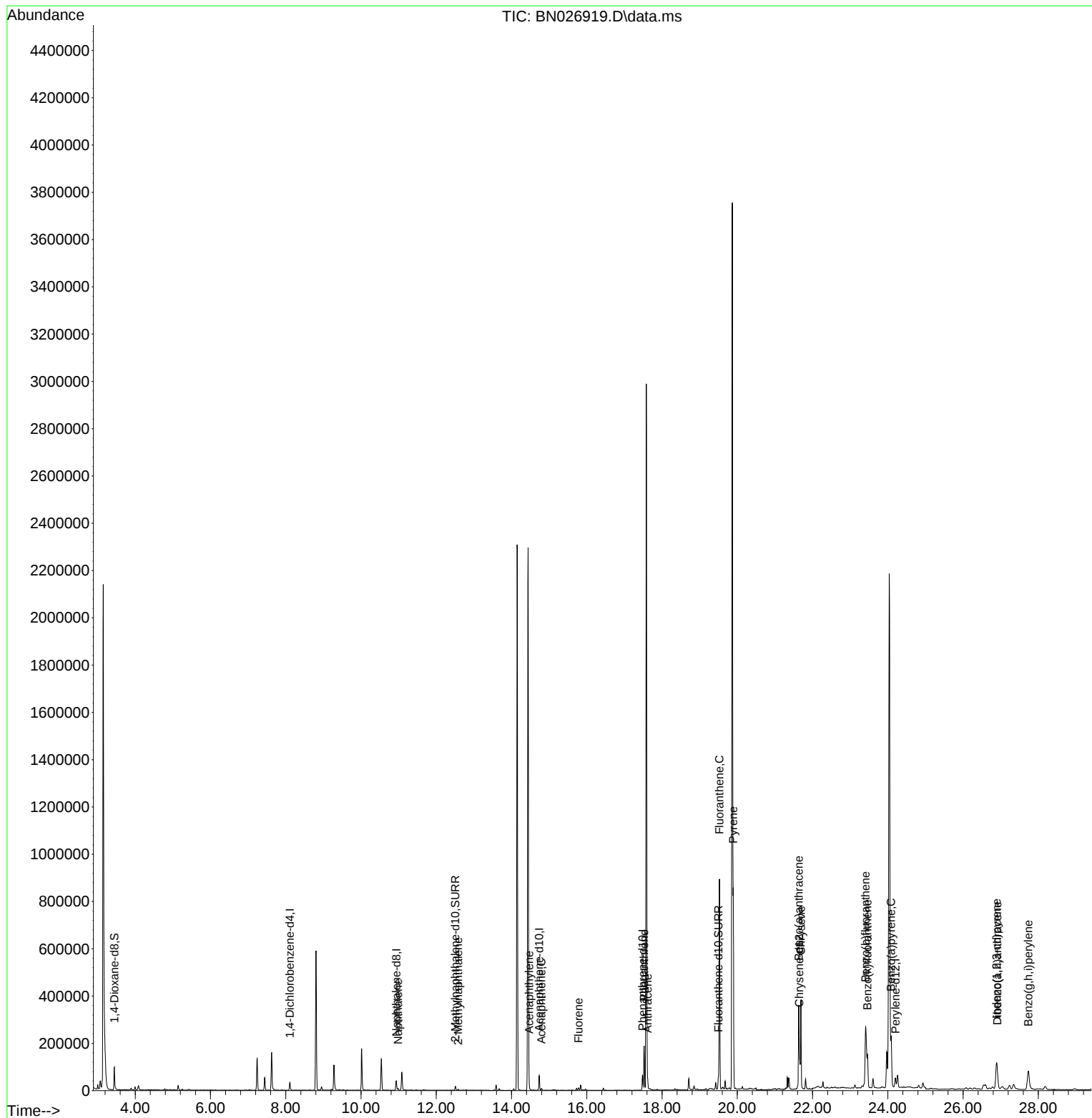
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026919.D
Acq On : 16 Aug 2023 02:48
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Sample : 03965-19
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ALS Vial : 30 Sample Multiplier: 1

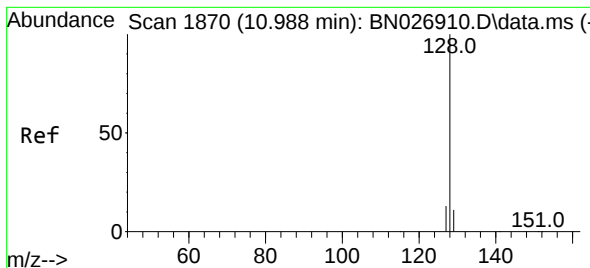
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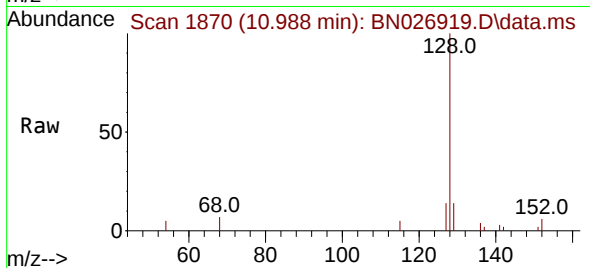
Quant Time: Aug 16 03:17:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

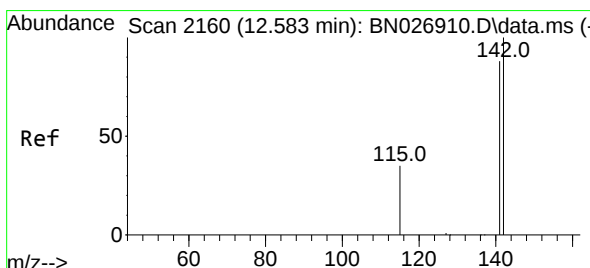
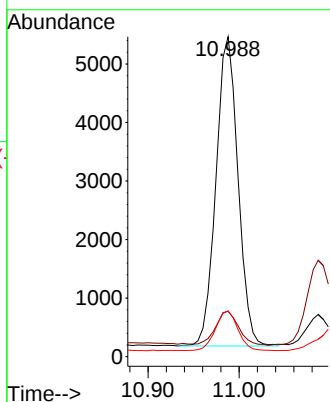
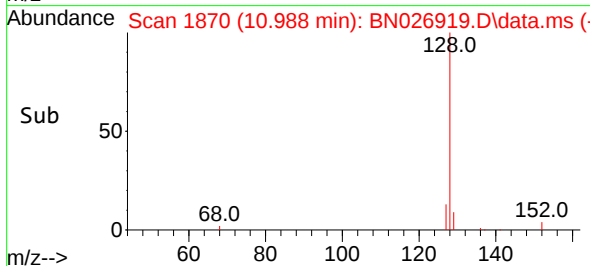
Instrument :
BNA_N
ClientSampleId :
A48L4



Tgt Ion:128 Resp: 8874
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 14.3 10.5 15.7

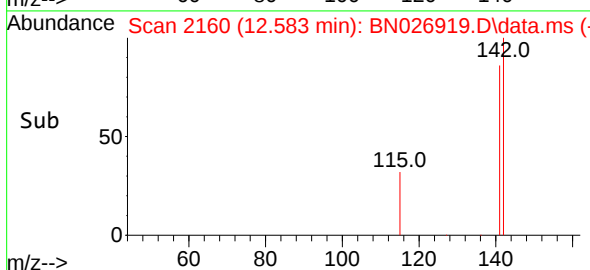
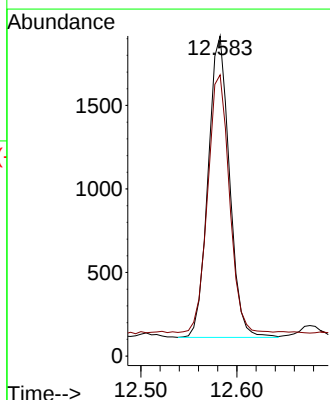
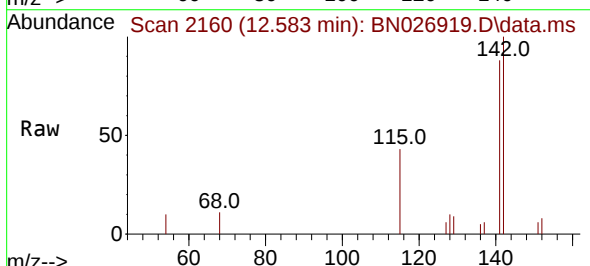
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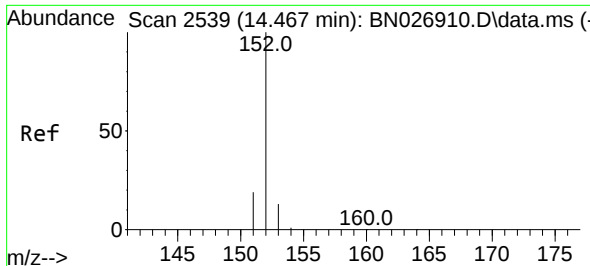
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

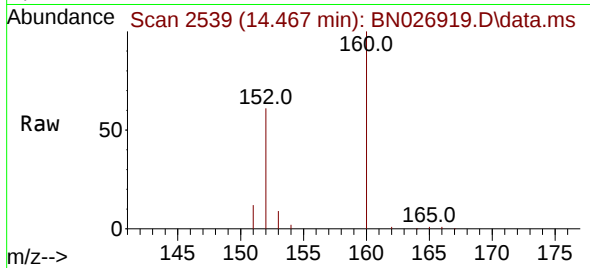
Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3





#10
Acenaphthylene
Concen: 0.142 ng/u1
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

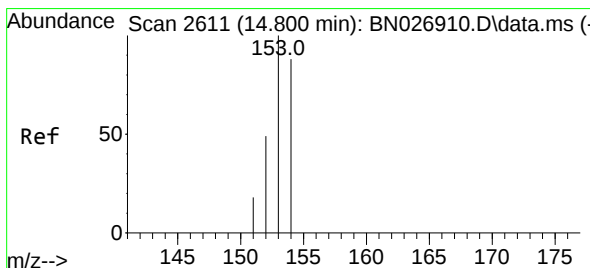
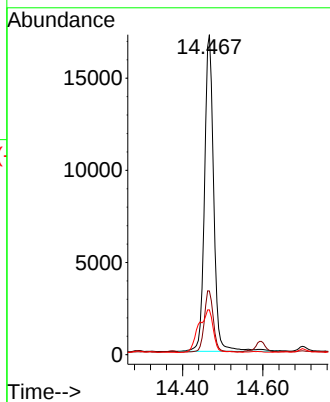
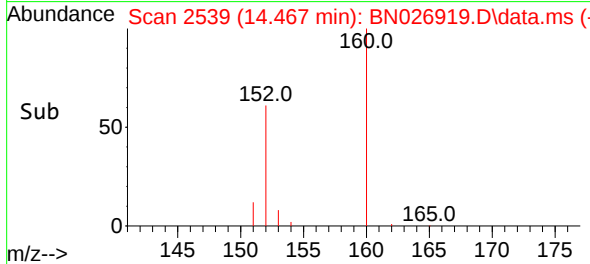
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Tgt Ion:152 Resp: 2719
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.0 11.0 16.6

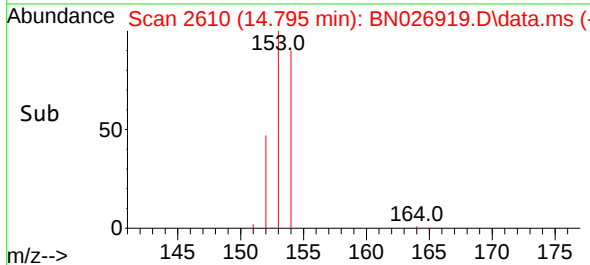
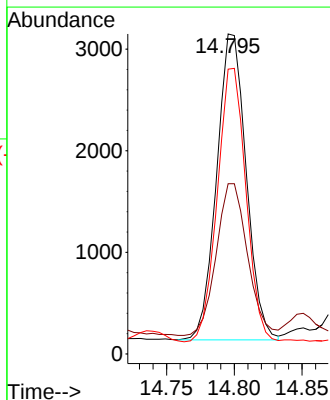
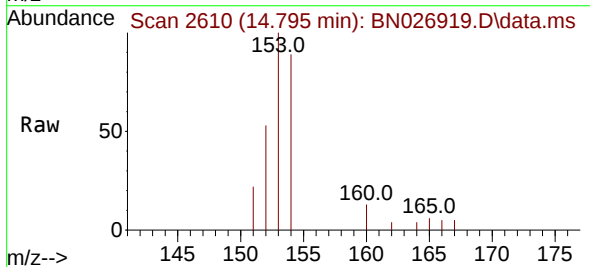
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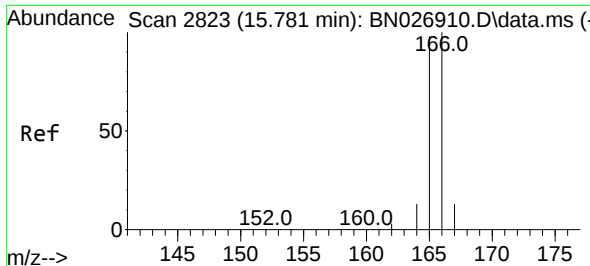
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.795 min Scan# 2610
Delta R.T. -0.005 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

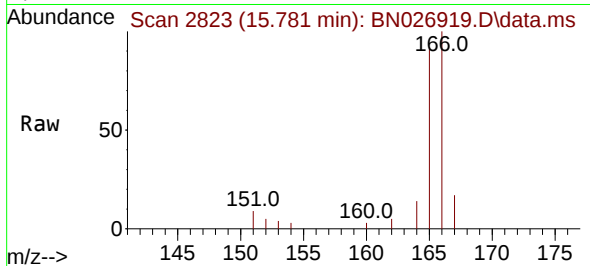
Tgt Ion:153 Resp: 4573
Ion Ratio Lower Upper
153 100
152 53.2 41.1 61.7
154 89.0 71.6 107.4





#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

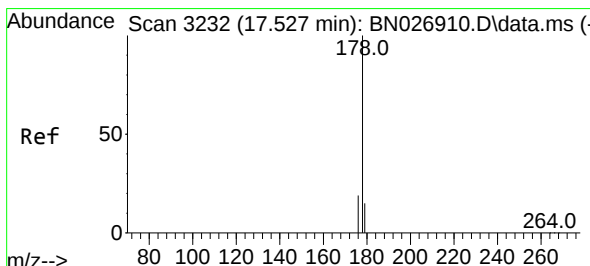
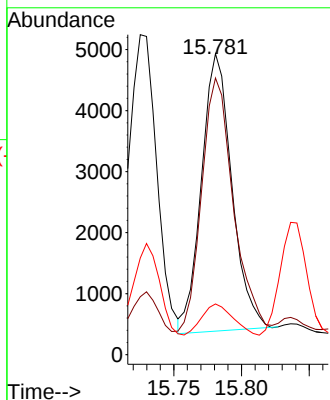
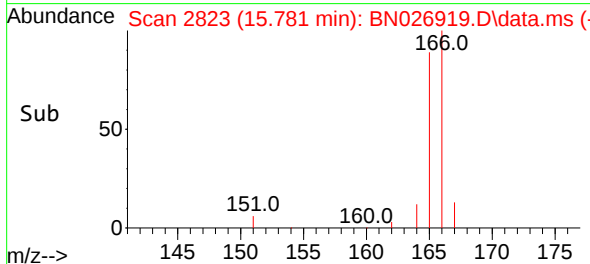
Instrument :
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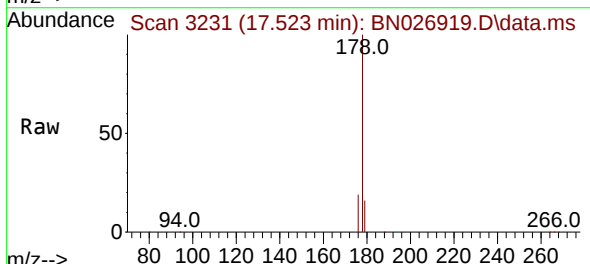
Tgt Ion:166 Resp: 7108
Ion Ratio Lower Upper
166 100
165 91.9 79.1 118.7
167 16.8 11.4 17.0

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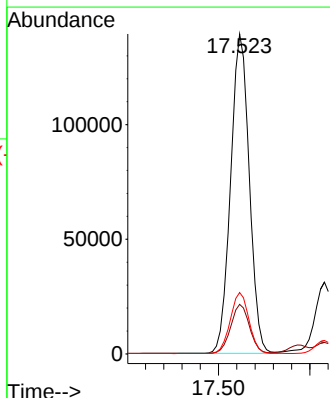
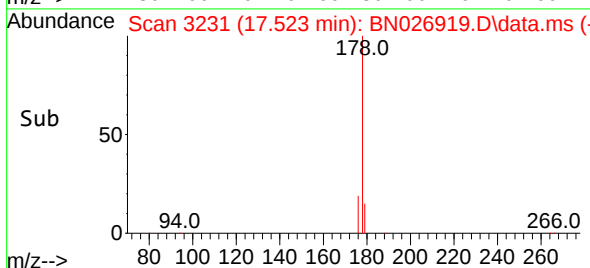
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

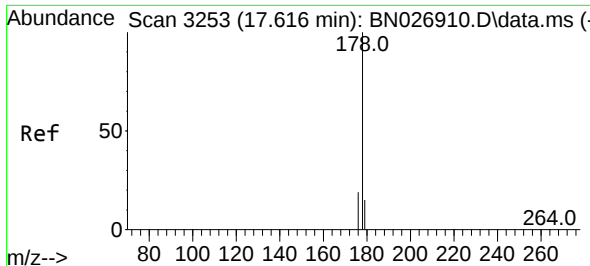


#15
Phenanthrene
Concen: 0.801 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. 0.000 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48



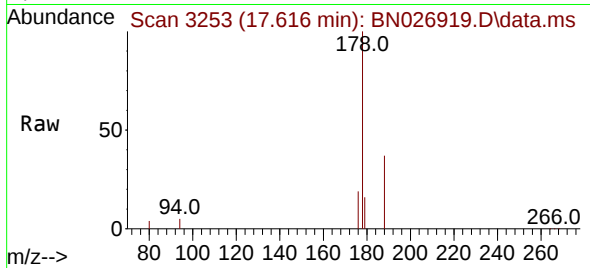
Tgt Ion:178 Resp: 197711
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.4 23.2





#16
 Anthracene
 Concen: 0.192 ng/ul
 RT: 17.616 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN026919.D
 Acq: 16 Aug 2023 02:48

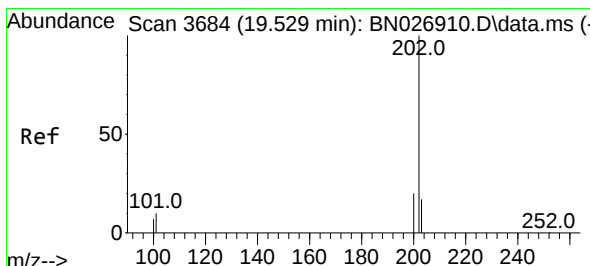
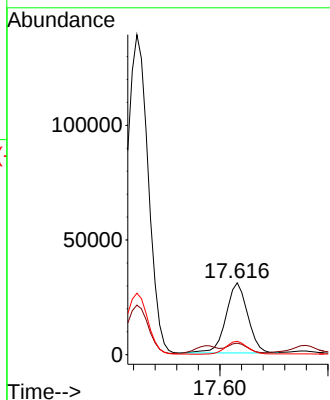
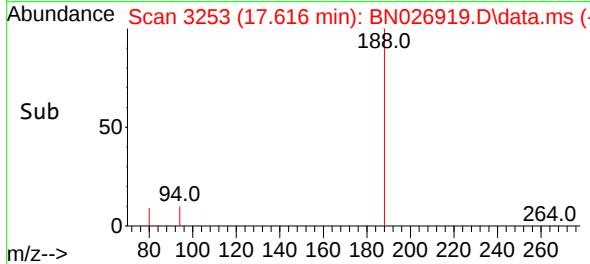
Instrument :
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 ClientSampleId :
 A48L4



Tgt Ion:178 Resp: 42807
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.6 19.0
 176 18.8 15.0 22.6

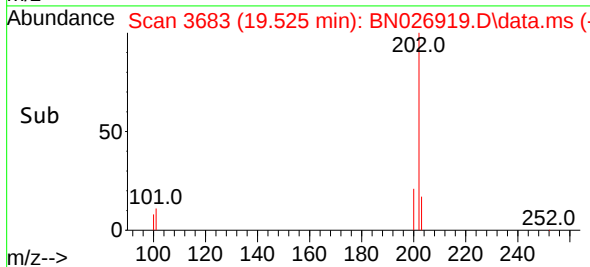
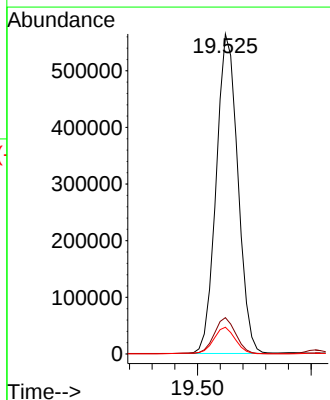
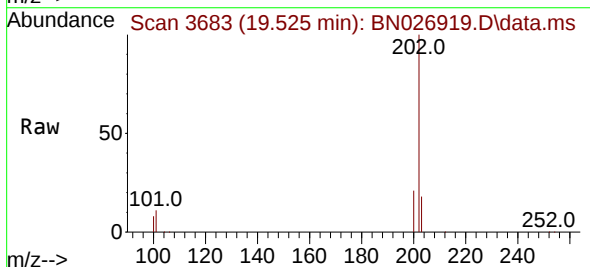
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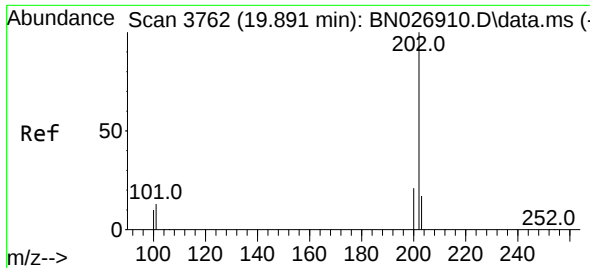
Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023



#19
 Fluoranthene
 Concen: 2.894 ng/ul
 RT: 19.525 min Scan# 3683
 Delta R.T. -0.005 min
 Lab File: BN026919.D
 Acq: 16 Aug 2023 02:48

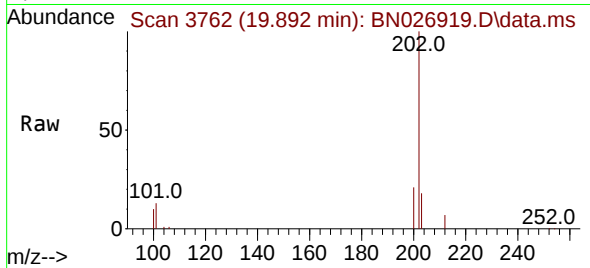
Tgt Ion:202 Resp: 745487
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.3 12.5
 100 8.3 6.2 9.2





#20
Pyrene
Concen: 2.336 ng/ul m
RT: 19.892 min Scan# 3762
Delta R.T. -0.005 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

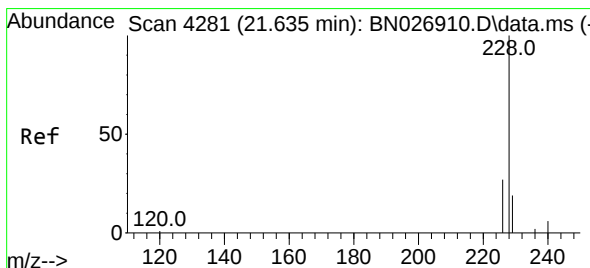
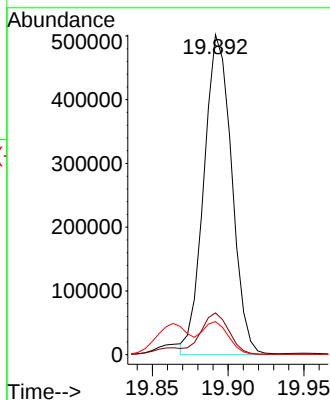
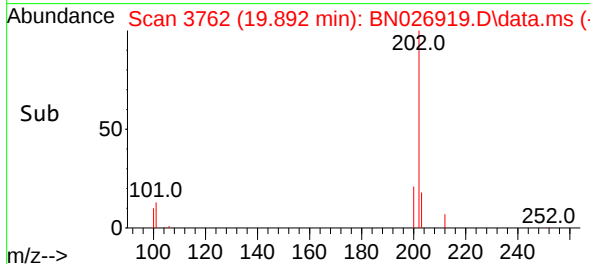
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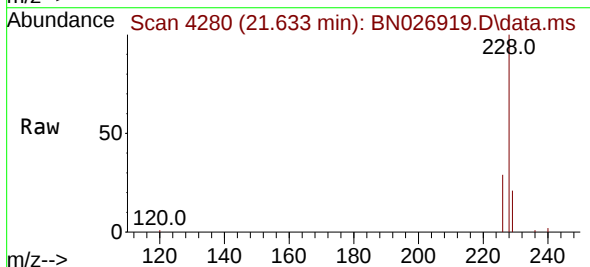
Tgt Ion:202 Resp: 64204
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.4 8.5 12.7

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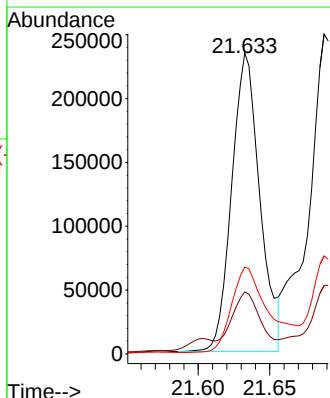
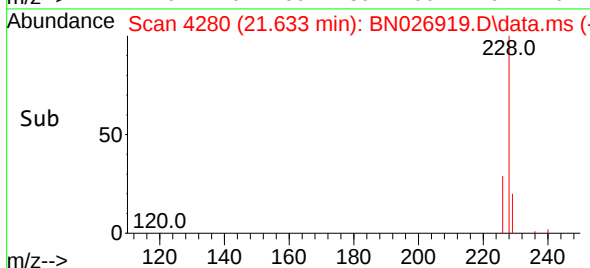
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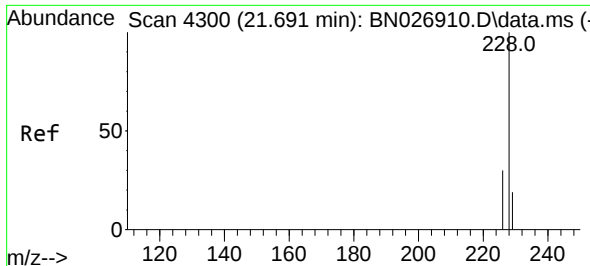


#21
Benzo(a)anthracene
Concen: 1.300 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. -0.009 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48



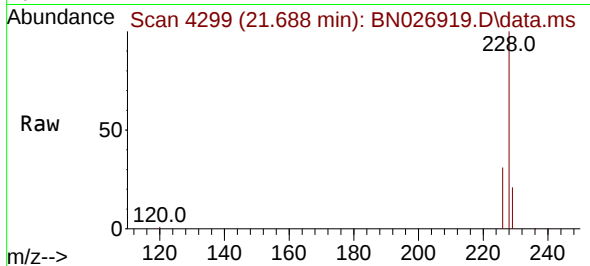
Tgt Ion:228 Resp: 320555
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 28.9 22.2 33.2





#22
Chrysene
Concen: 1.553 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.012 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

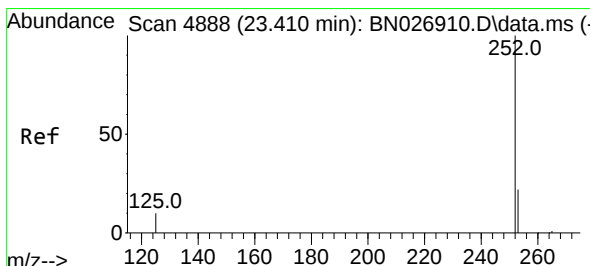
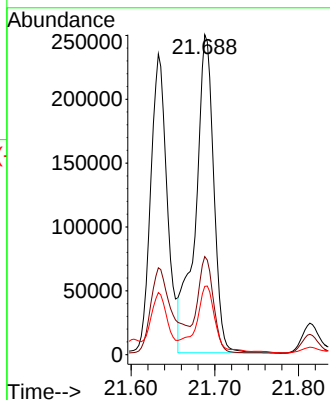
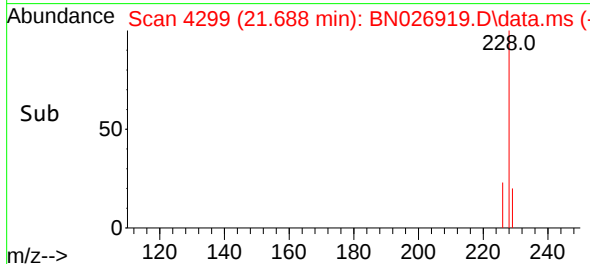
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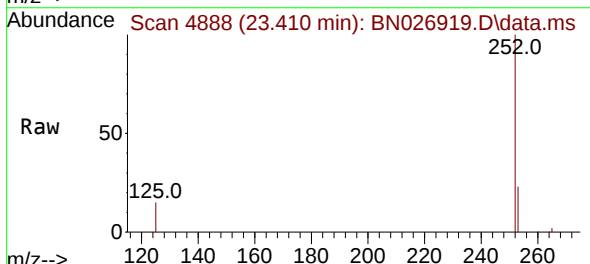
Tgt Ion:228 Resp: 378080
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 21.3 15.8 23.6

Manual Integrations
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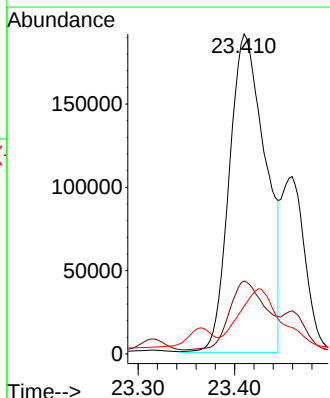
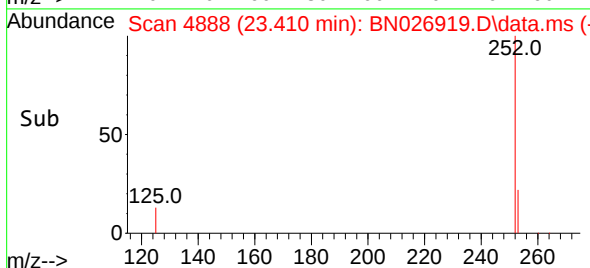
Reviewed By :Yogesh Patel 08/16/2023
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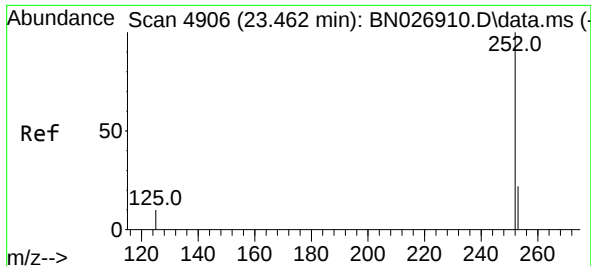


#24
Benzo(b)fluoranthene
Concen: 2.225 ng/ul m
RT: 23.410 min Scan# 4888
Delta R.T. -0.012 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48



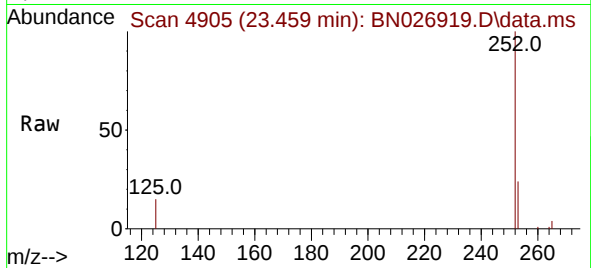
Tgt Ion:252 Resp: 498268
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 14.9 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.821 ng/ul m
RT: 23.459 min Scan# 4906
Delta R.T. -0.015 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

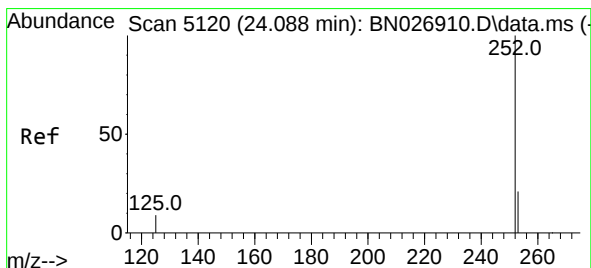
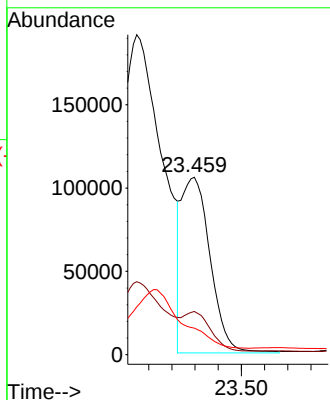
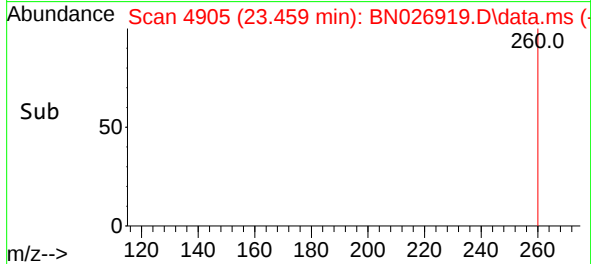
Instrument :
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Tgt Ion:252 Resp: 181338
Ion Ratio Lower Upper
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253 24.3 18.2 27.4
125 15.0 9.9 14.9

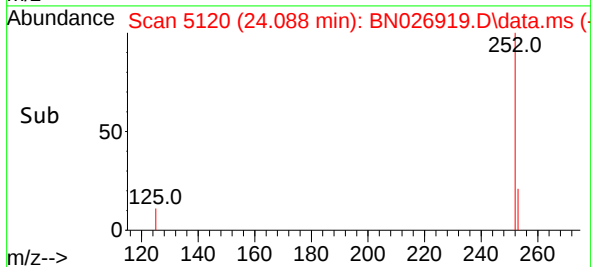
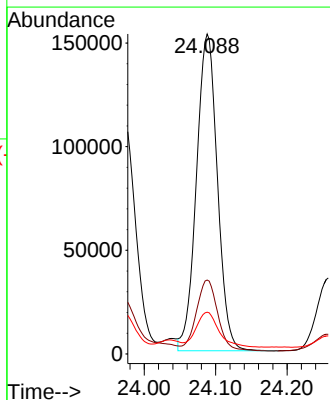
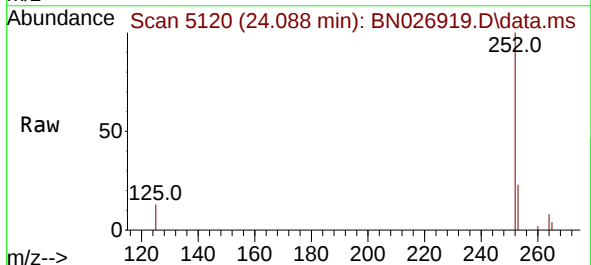
Manual Integrations
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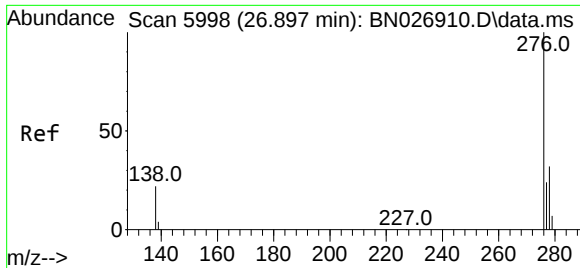
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#26
Benzo(a)pyrene
Concen: 1.545 ng/ul
RT: 24.088 min Scan# 5120
Delta R.T. -0.012 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

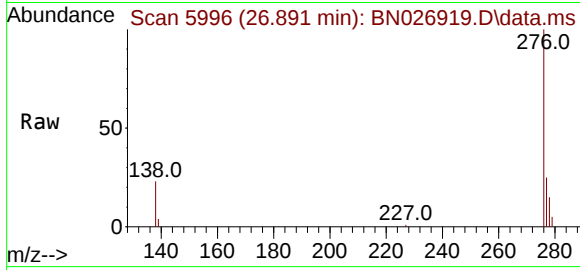
Tgt Ion:252 Resp: 312175
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 13.1 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.854 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.017 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48

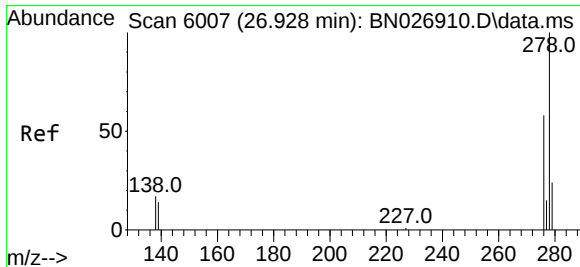
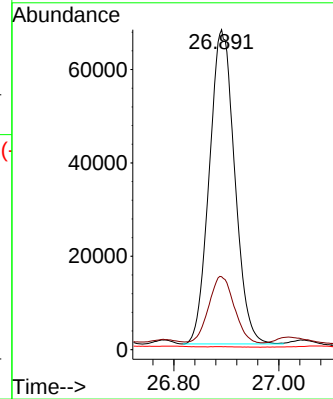
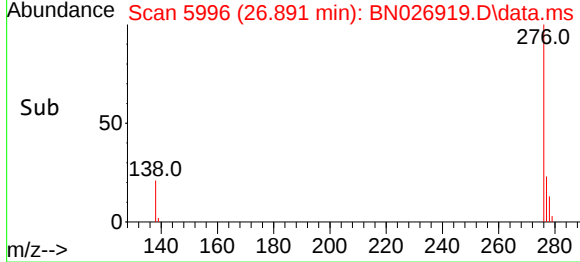
Instrument :
BNA_N
ClientSampleId :
A48L4



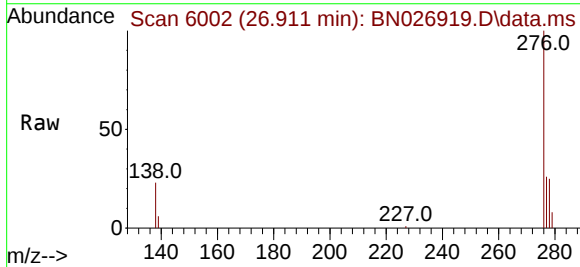
Tgt Ion:276 Resp: 225714
Ion Ratio Lower Upper
276 100
138 21.1 21.6 32.4#
227 0.2 0.0 0.0#

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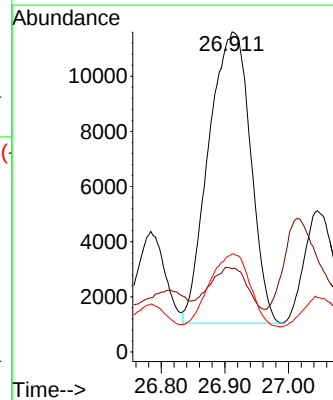
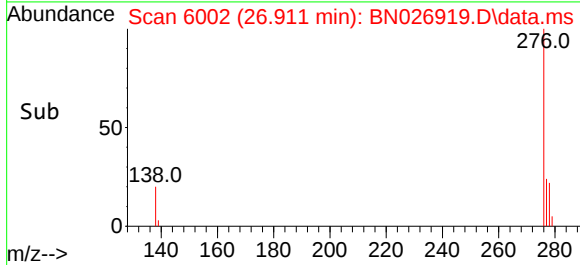
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

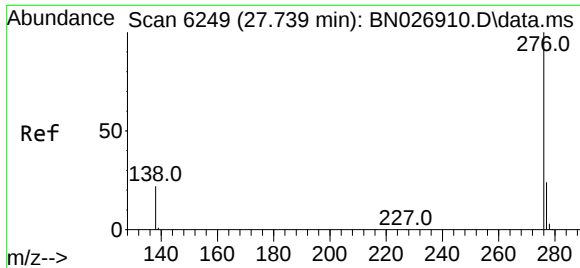


#28
Dibenzo(a,h)anthracene
Concen: 0.229 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.027 min
Lab File: BN026919.D
Acq: 16 Aug 2023 02:48



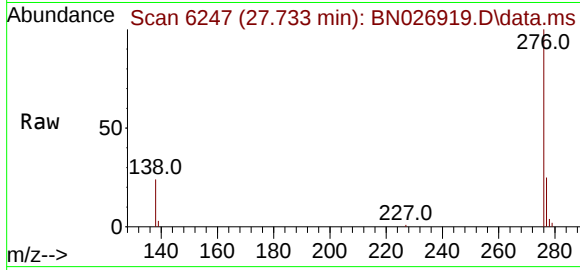
Tgt Ion:278 Resp: 48195
Ion Ratio Lower Upper
278 100
139 26.1 15.7 23.5#
279 30.6 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.899 ng/ul
 RT: 27.733 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: BN026919.D
 Acq: 16 Aug 2023 02:48

Instrument :
 BNA_N
 ClientSampleId :
 A48L4



Tgt Ion:276 Resp: 19777
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.3 28.9
 277 24.8 19.8 29.8

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

