

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019460.D
 Acq On : 15 Apr 2022 13:39
 Operator : CG/JU
 Sample : N2280-01DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFC0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 05:02:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	15038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	9201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	17851	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	12933	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	9162m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	1955	0.315	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.224	152	451	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	1225	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.668	128	894	0.021	ng/ul#	74
7) 2-Methylnaphthalene	12.296	142	597	0.021	ng/ul#	100
8) 1-Methylnaphthalene	12.510	142	629	0.022	ng/ul#	100
10) Acenaphthylene	14.179	152	1389	0.042	ng/ul#	83
12) Fluorene	15.507	166	1008	0.027	ng/ul#	91
15) Phenanthrene	17.239	178	20875	0.352	ng/ul	100
16) Anthracene	17.332	178	1411	0.031	ng/ul#	83
19) Fluoranthene	19.259	202	25011	0.389	ng/ul	99
20) Pyrene	19.621	202	38786	0.566	ng/ul	99
21) Benzo(a)anthracene	21.377	228	7885m	0.198	ng/ul	
22) Chrysene	21.427	228	15985	0.307	ng/ul	95
24) Benzo(b)fluoranthene	23.032	252	13978m	0.330	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	4145m	0.085	ng/ul	
26) Benzo(a)pyrene	23.637	252	7865	0.217	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.169	276	5136	0.127	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.179	278	1037	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	26.910	276	6158	0.158	ng/ul	92

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

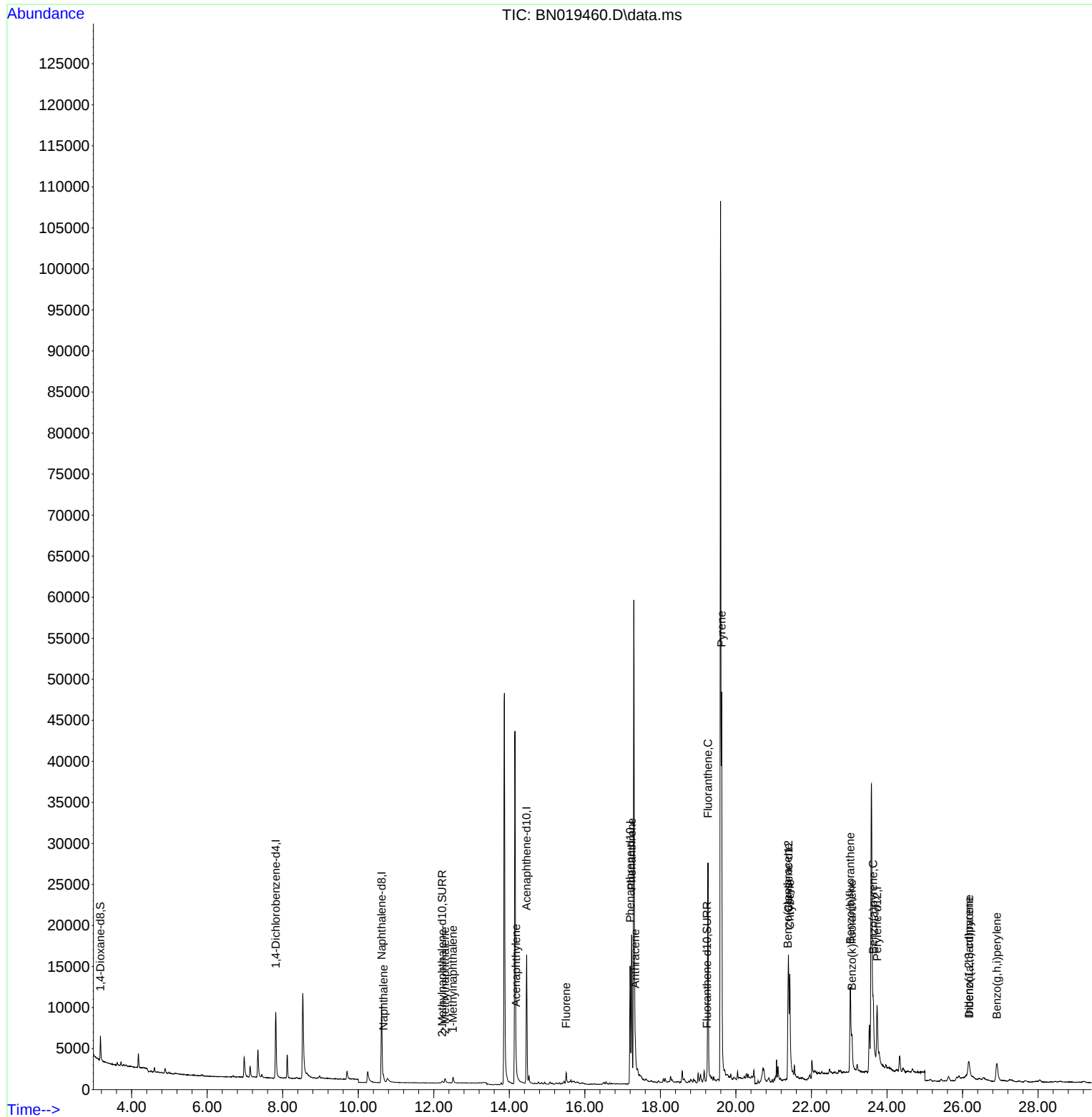
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019460.D
Acq On : 15 Apr 2022 13:39
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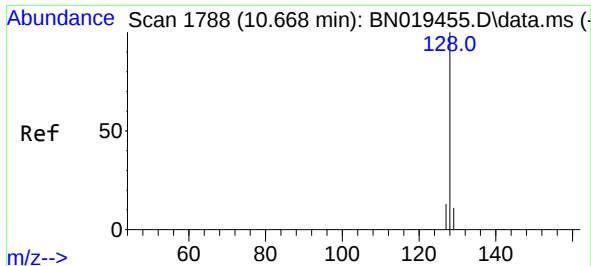
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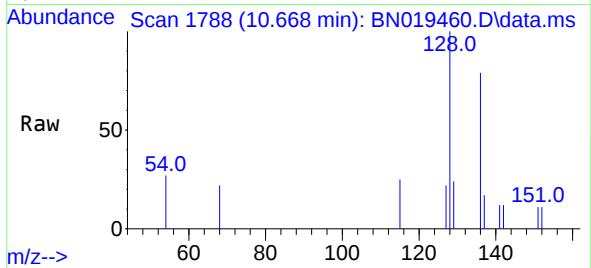
Quant Time: Apr 18 05:02:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.668 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

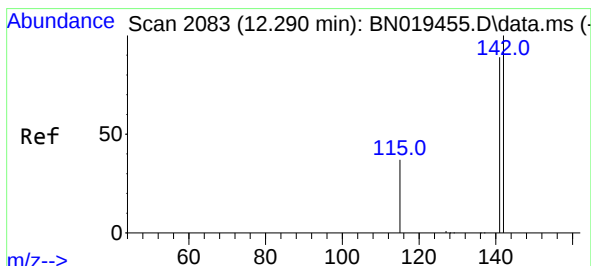
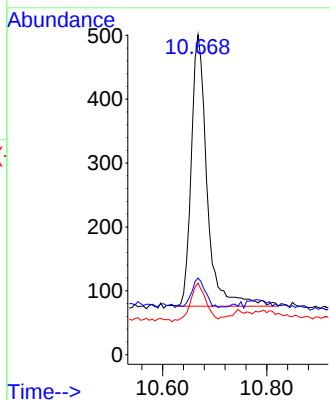
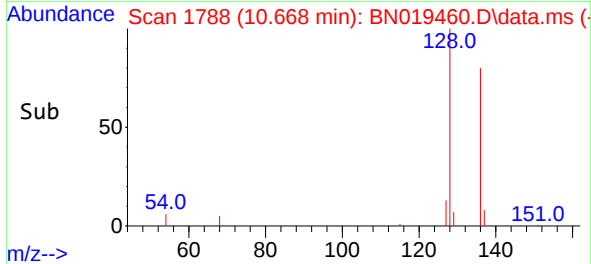
Instrument :
BNA_N
ClientSampleId :
BFFC0DL



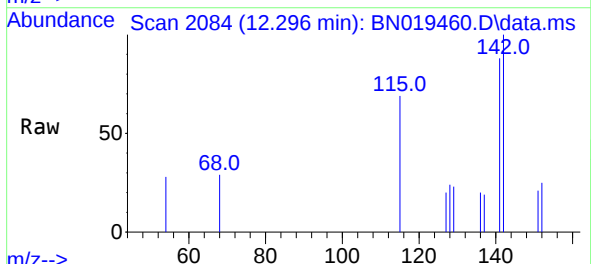
Tgt Ion:128 Resp: 894
Ion Ratio Lower Upper
128 100
129 24.0 9.5 14.3
127 22.4 11.0 16.4

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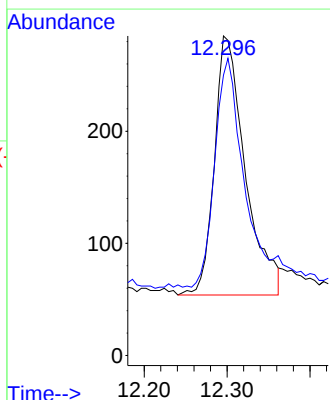
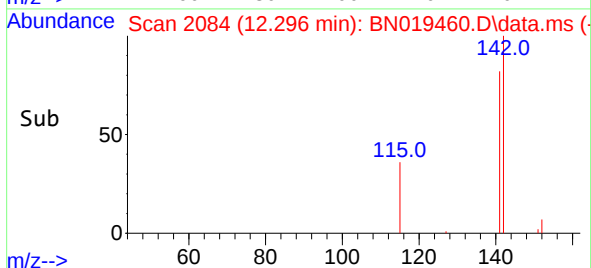
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

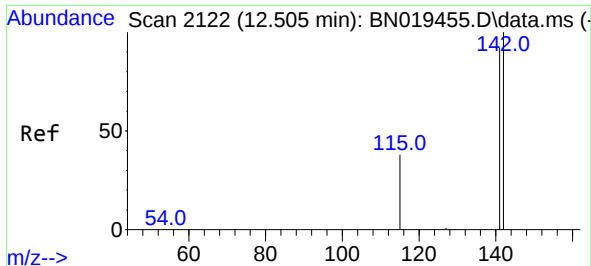


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.296 min Scan# 2084
Delta R.T. 0.006 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39



Tgt Ion:142 Resp: 597
Ion Ratio Lower Upper
142 100
141 82.9 0.0 0.0#





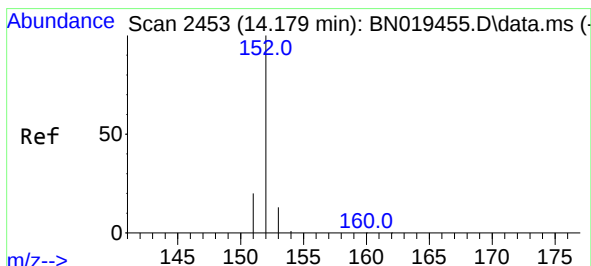
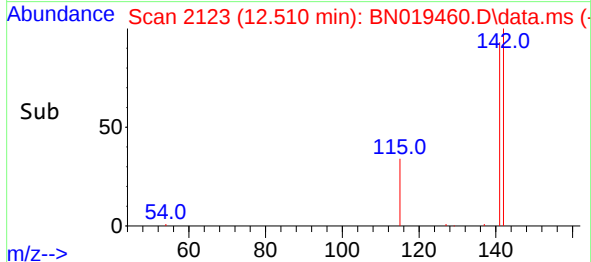
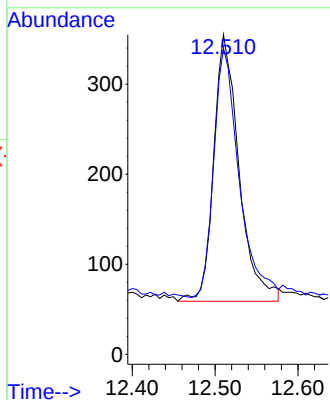
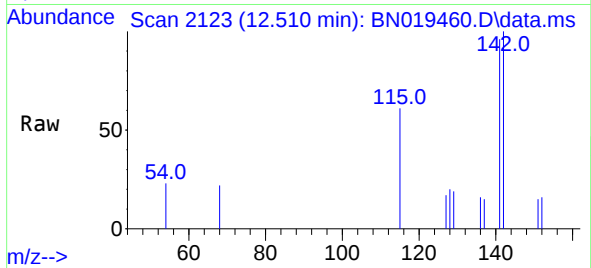
#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.510 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

Instrument :
BNA_N
ClientSampleId :
BFFC0DL

Tgt Ion:142 Resp: 629
Ion Ratio Lower Upper
142 100
141 93.2 0.0 0.0

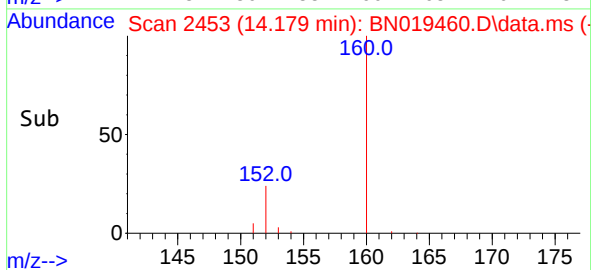
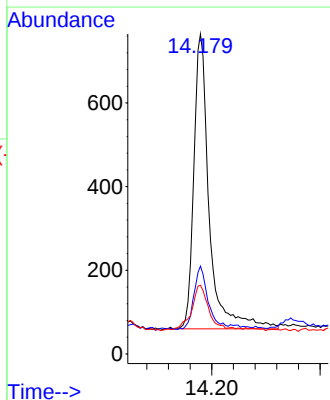
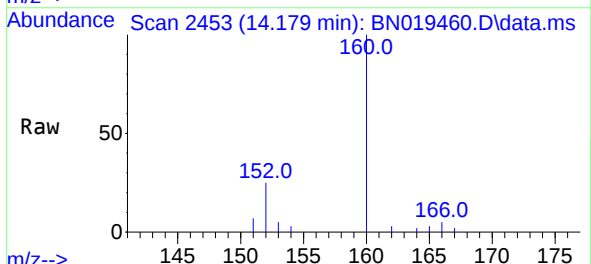
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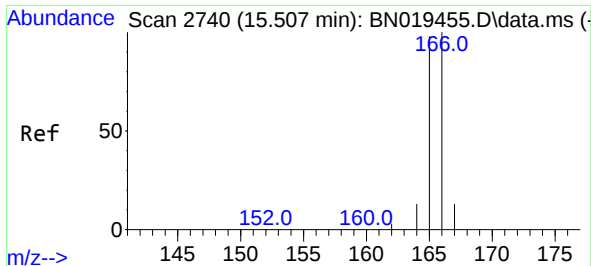
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

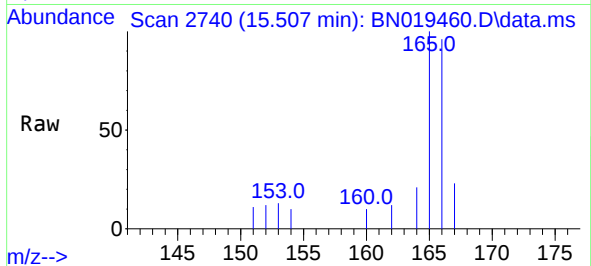
Tgt Ion:152 Resp: 1389
Ion Ratio Lower Upper
152 100
151 27.5 16.3 24.5#
153 21.4 11.1 16.7#





#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.507 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

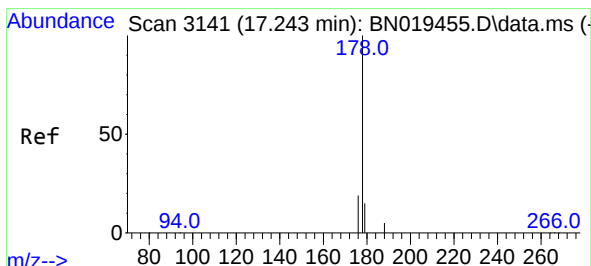
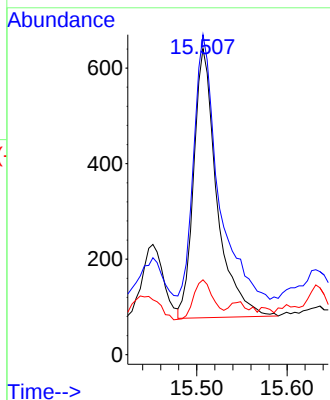
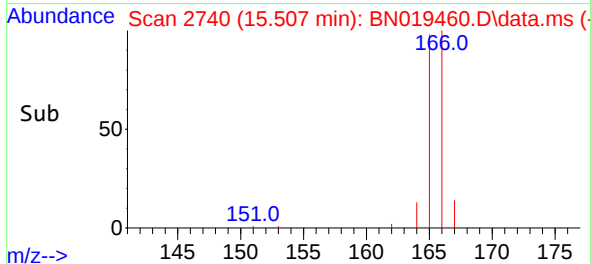
Instrument :
BNA_N
ClientSampleId :
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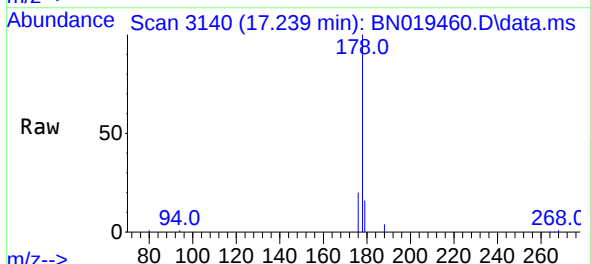
Tgt Ion:166 Resp: 1000
Ion Ratio Lower Upper
166 100
165 104.5 78.2 117.2
167 24.5 11.3 16.9

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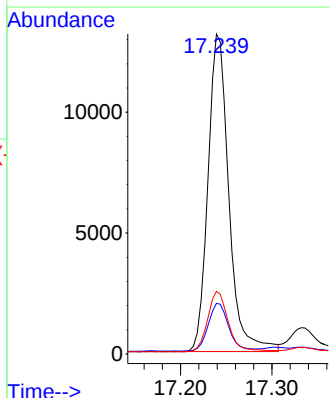
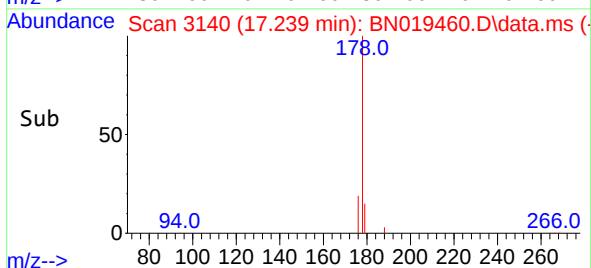
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

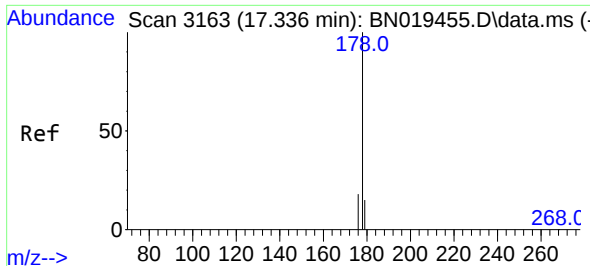


#15
Phenanthrene
Concen: 0.352 ng/u1
RT: 17.239 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39



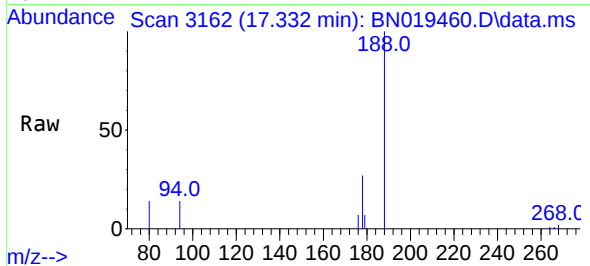
Tgt Ion:178 Resp: 20875
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.5 15.5 23.3





#16
 Anthracene
 Concen: 0.031 ng/u1
 RT: 17.332 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BN019460.D
 Acq: 15 Apr 2022 13:39

Instrument :
 BNA_N
 ClientSampleId :
 BFFC0DL

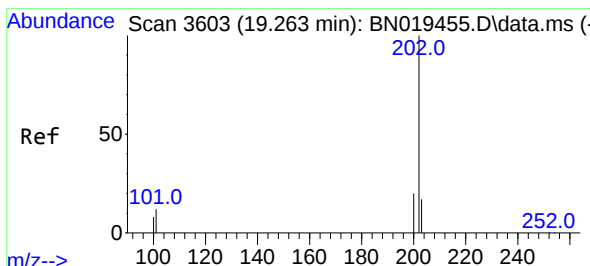
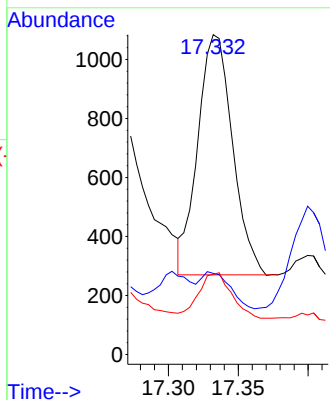
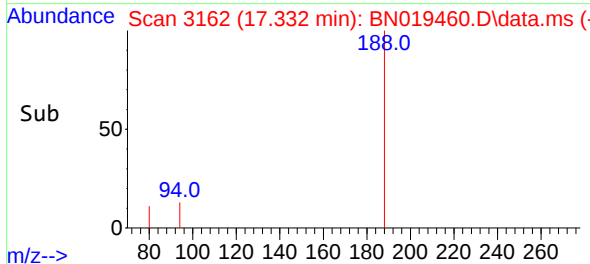


Tgt Ion:178 Resp: 141

Ion	Ratio	Lower	Upper
178	100		
179	25.4	13.1	19.7
176	25.1	15.3	22.9

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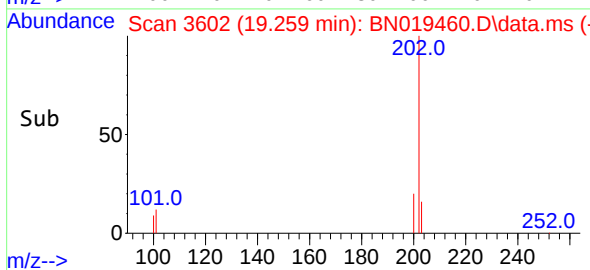
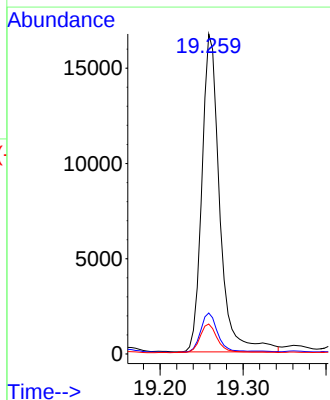
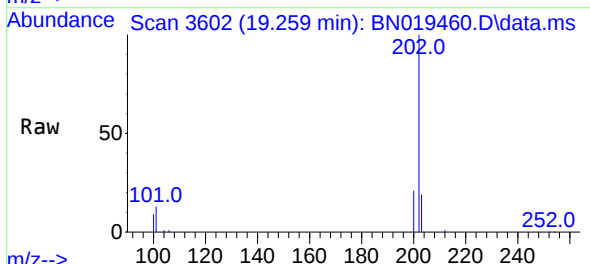
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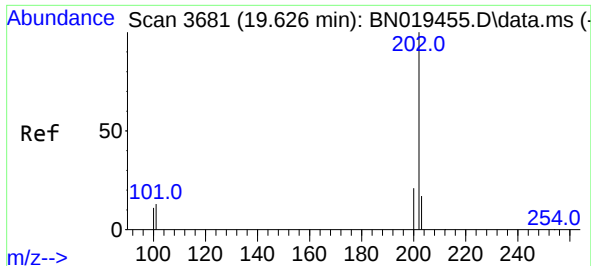


#19
 Fluoranthene
 Concen: 0.389 ng/u1
 RT: 19.259 min Scan# 3602
 Delta R.T. -0.005 min
 Lab File: BN019460.D
 Acq: 15 Apr 2022 13:39

Tgt Ion:202 Resp: 25011

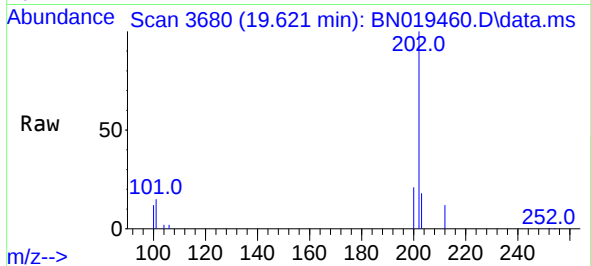
Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.4	7.4	11.2





#20
Pyrene
Concen: 0.566 ng/u1
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

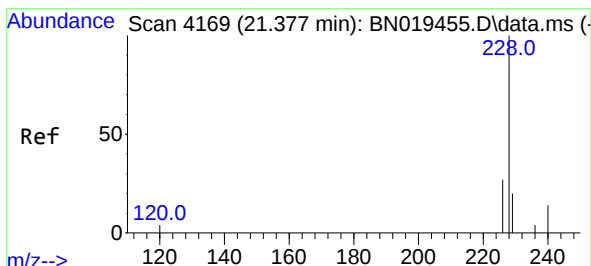
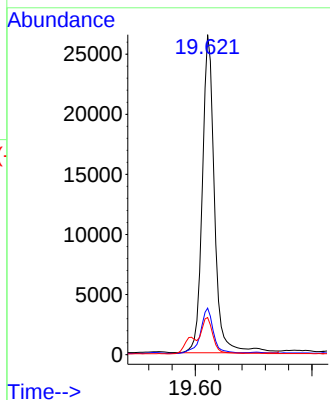
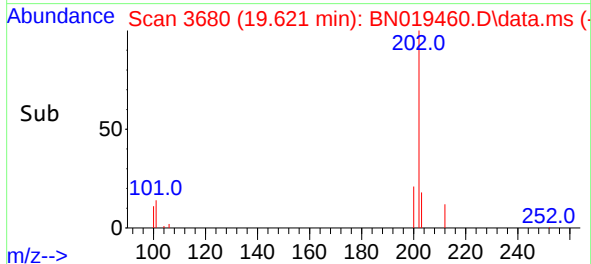
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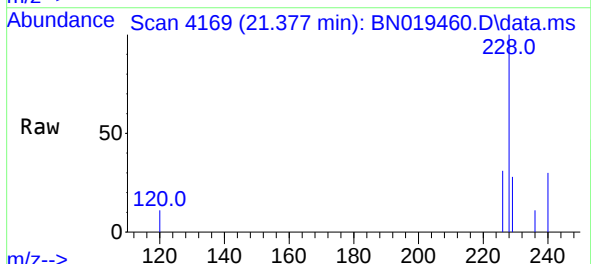
Tgt Ion:202 Resp: 38780
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.6 9.0 13.4

Manual Integrations
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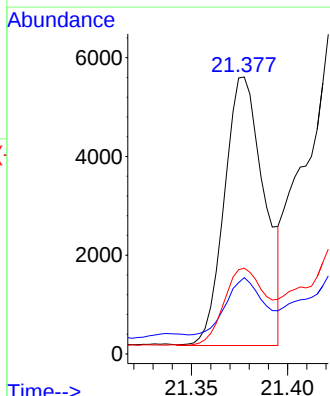
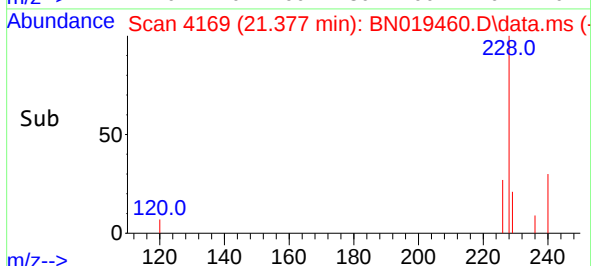
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

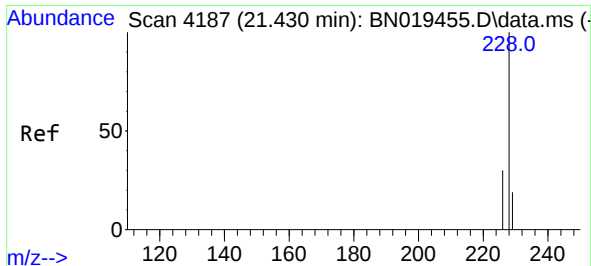


#21
Benzo(a)anthracene
Concen: 0.198 ng/u1 m
RT: 21.377 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39



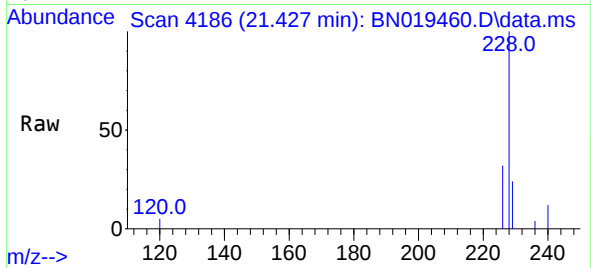
Tgt Ion:228 Resp: 7885
Ion Ratio Lower Upper
228 100
229 27.5 16.1 24.1#
226 31.0 22.1 33.1





#22
Chrysene
Concen: 0.307 ng/ul
RT: 21.427 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

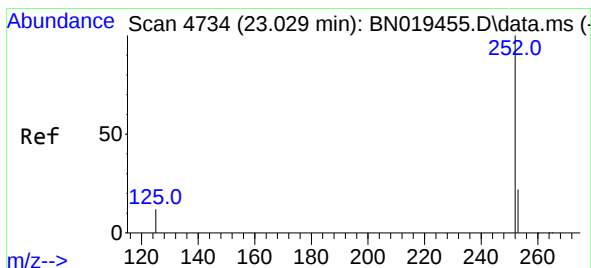
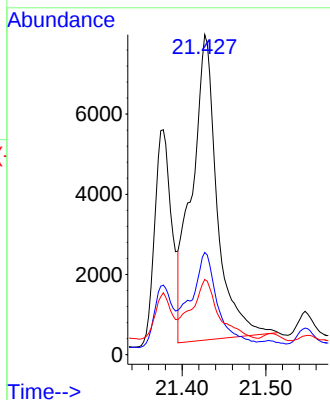
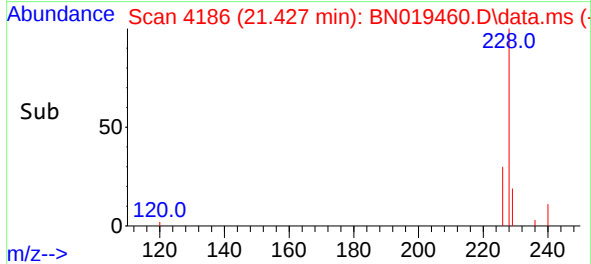
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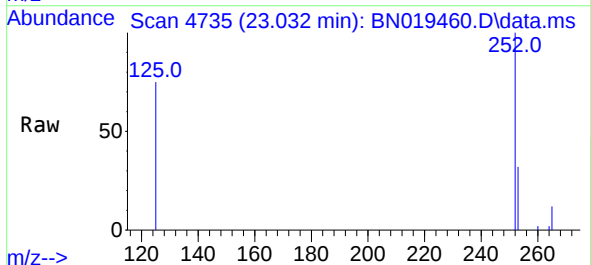
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Ion Ratio Lower Upper
228 100
226 32.0 24.2 36.2
229 23.5 16.0 24.0

Manual Integrations
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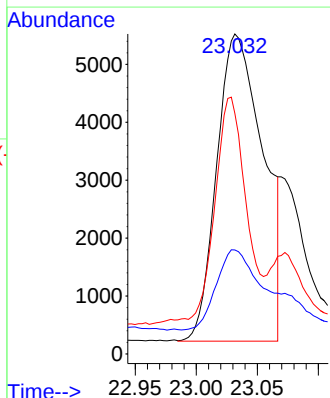
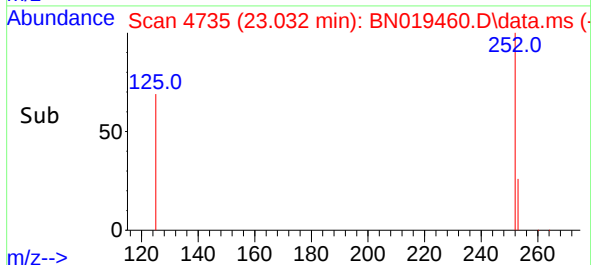
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

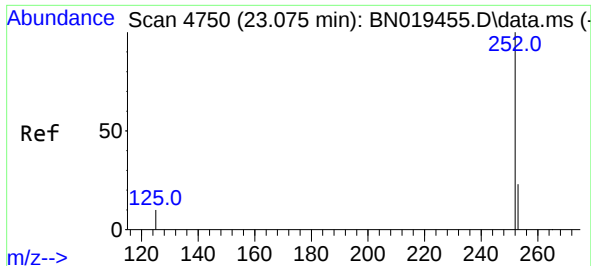


#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul m
RT: 23.032 min Scan# 4735
Delta R.T. 0.000 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39



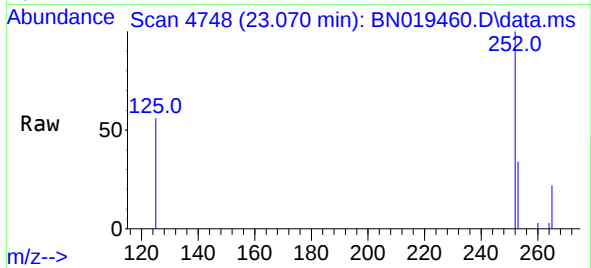
Tgt Ion:252 Resp: 13978
Ion Ratio Lower Upper
252 100
253 32.5 0.0 52.0
125 75.2 0.0 40.2#





#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.070 min Scan# 4750
Delta R.T. -0.009 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

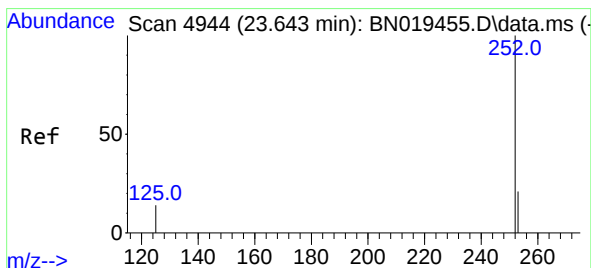
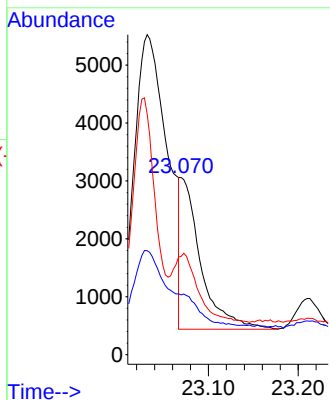
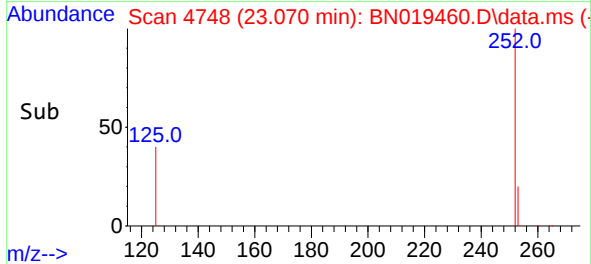
Instrument :
BNA_N
ClientSampleId :
BFFC0DL



Tgt Ion:252 Resp: 4145
Ion Ratio Lower Upper
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253 33.8 20.2 30.2
125 55.6 11.0 16.6

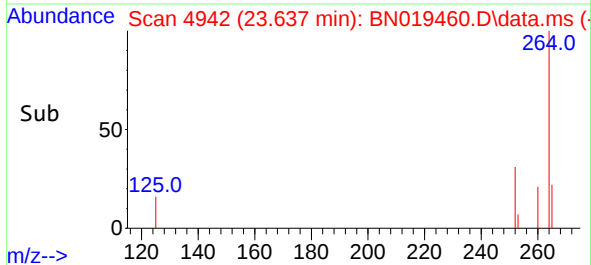
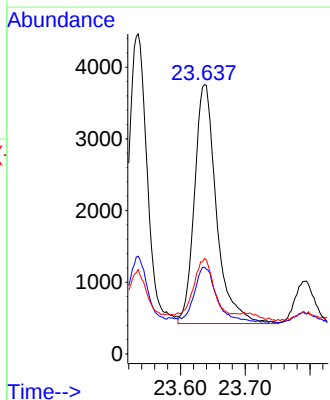
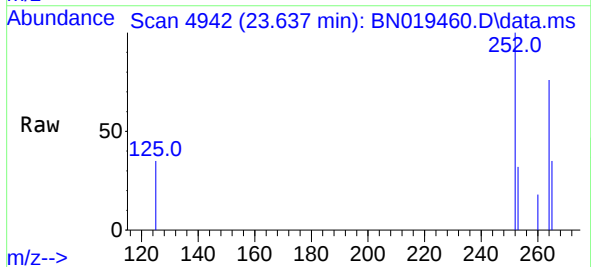
Manual Integrations
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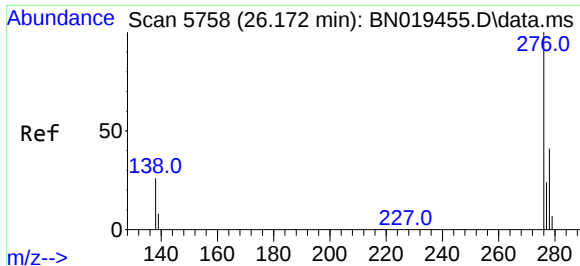
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.637 min Scan# 4942
Delta R.T. -0.009 min
Lab File: BN019460.D
Acq: 15 Apr 2022 13:39

Tgt Ion:252 Resp: 7865
Ion Ratio Lower Upper
252 100
253 32.2 23.4 35.0
125 35.5 28.3 42.5





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.127 ng/ul

RT: 26.169 min Scan# 5130

Delta R.T. -0.010 min

Lab File: BN019460.D

Acq: 15 Apr 2022 13:39

Instrument :

BNA_N

ClientSampleId :

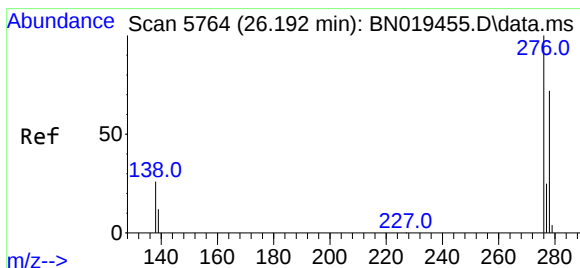
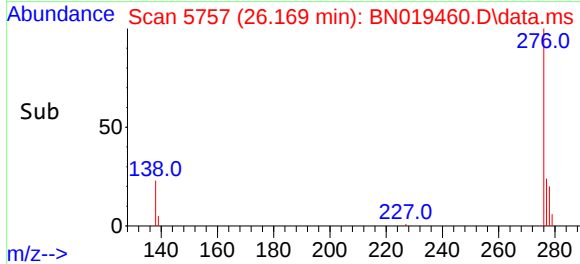
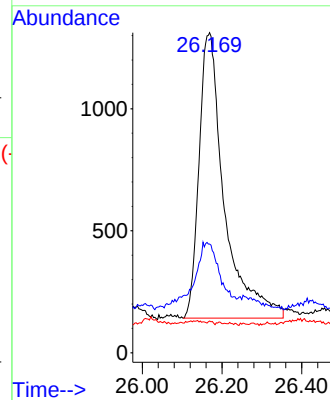
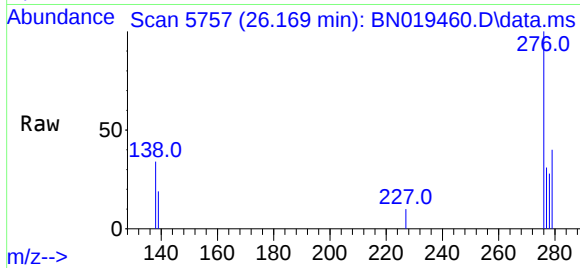
BFFC0DL

Tgt Ion:	276	Resp:	5130
Ion Ratio	Lower	Upper	
276	100		
138	0.0	23.6	35.4#
227	0.2	0.0	0.0#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

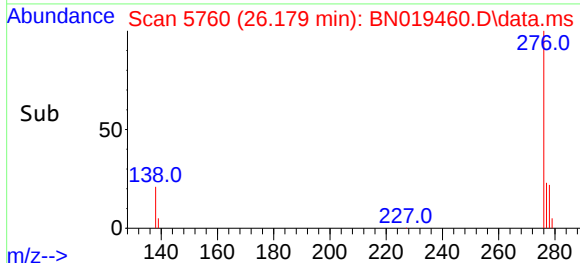
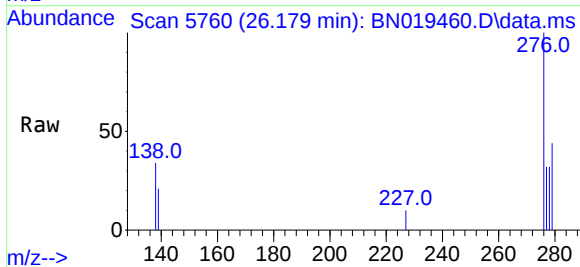
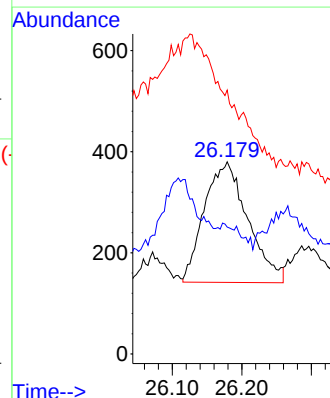
RT: 26.179 min Scan# 5760

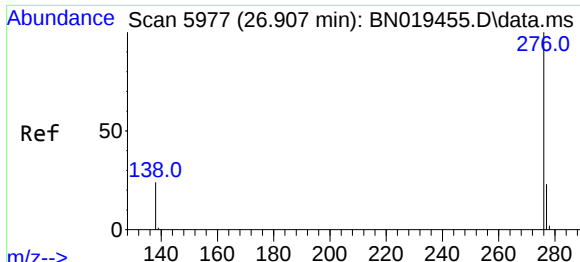
Delta R.T. -0.020 min

Lab File: BN019460.D

Acq: 15 Apr 2022 13:39

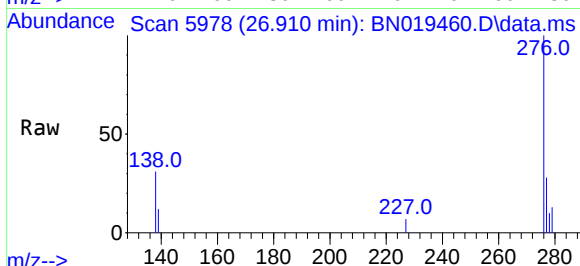
Tgt Ion:	278	Resp:	1037
Ion Ratio	Lower	Upper	
278	100		
139	66.1	18.6	28.0#
279	137.4	35.1	52.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.158 ng/ul
 RT: 26.910 min Scan# 5978
 Delta R.T. -0.010 min
 Lab File: BN019460.D
 Acq: 15 Apr 2022 13:39

Instrument :
 BNA_N
 ClientSampleId :
 BFFC0DL



Tgt Ion: 276 Resp: 6158
 Ion Ratio Lower Upper
 276 100
 138 31.1 20.9 31.3
 277 28.2 20.4 30.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

