

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019586.D
 Acq On : 29 Apr 2022 11:42
 Operator : CG/JU
 Sample : N2470-05DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 30 03:17:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 13:24:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	5567	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	15623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	7973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	15425	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	13835	0.400	ng/ul	0.00
23) Perylene-d12	23.767	264	12711	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	4135	0.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	965	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	2145	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.547	142	814	0.029	ng/ul#	100
10) Acenaphthylene	14.215	152	2171	0.055	ng/ul#	93
11) Acenaphthene	14.557	153	850	0.027	ng/ul	94
12) Fluorene	15.543	166	1683	0.048	ng/ul#	98
15) Phenanthrene	17.272	178	52618	0.927	ng/ul	99
16) Anthracene	17.365	178	5060	0.109	ng/ul	98
19) Fluoranthene	19.290	202	142304	2.247	ng/ul	100
20) Pyrene	19.653	202	89910	1.422	ng/ul	100
21) Benzo(a)anthracene	21.400	228	50508	0.977	ng/ul	98
22) Chrysene	21.452	228	65172	1.070	ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	84660m	1.313	ng/ul	
25) Benzo(k)fluoranthene	23.095	252	30555m	0.492	ng/ul	
26) Benzo(a)pyrene	23.662	252	23314	0.424	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.185	276	25620	0.374	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.195	278	8921	0.156	ng/ul#	78
29) Benzo(g,h,i)perylene	26.929	276	1521	0.024	ng/ul#	46

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

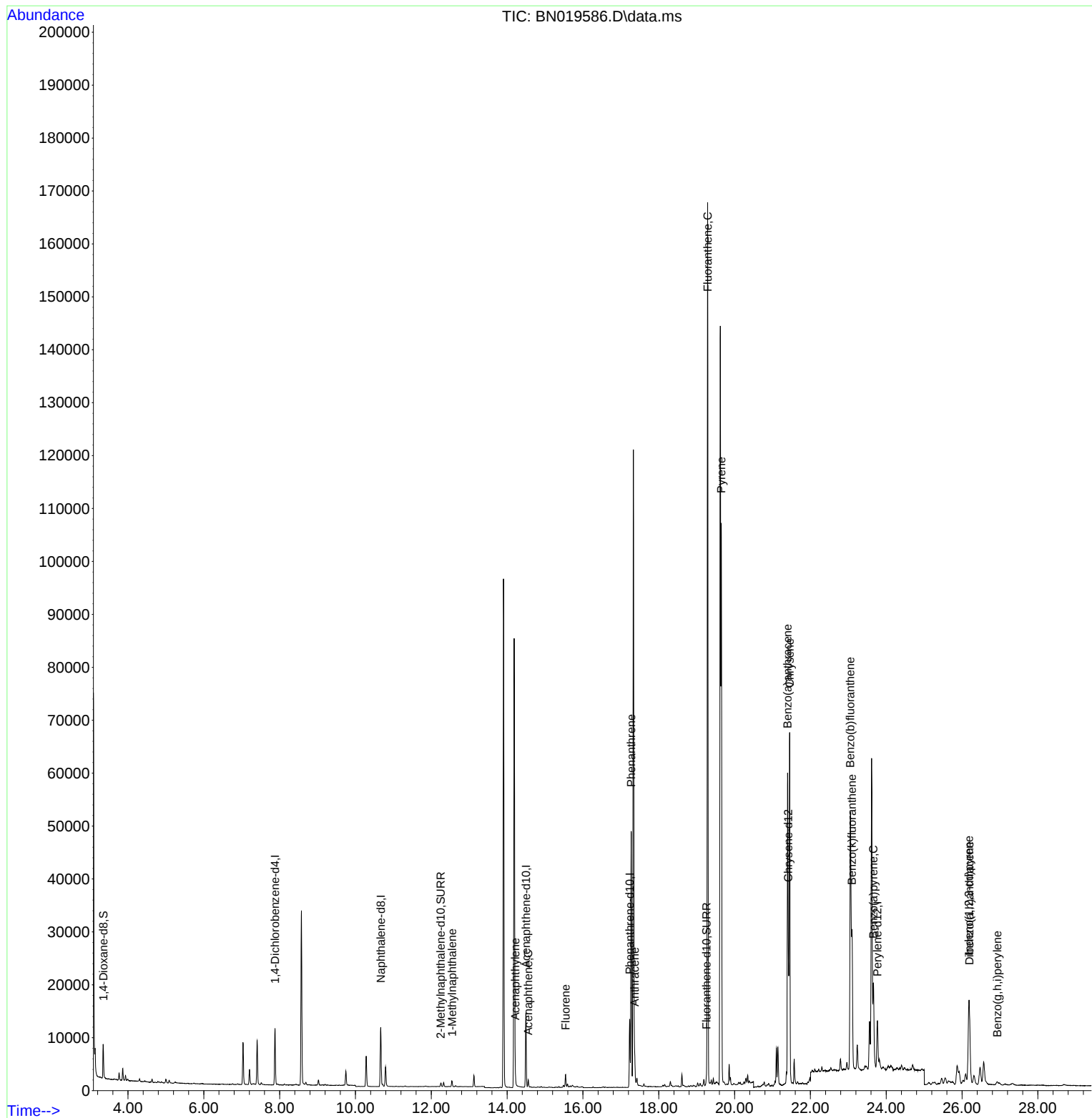
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019586.D
Acq On : 29 Apr 2022 11:42
Operator : CG/JU
Sample : N2470-05DL 5X
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ALS Vial : 5 Sample Multiplier: 1

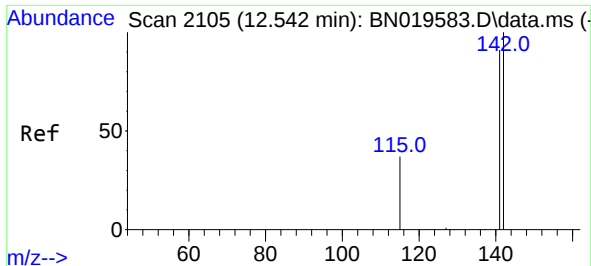
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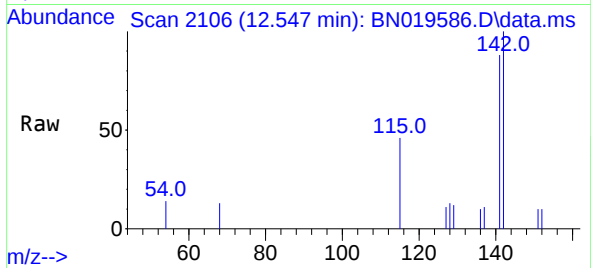
Quant Time: Apr 30 03:17:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

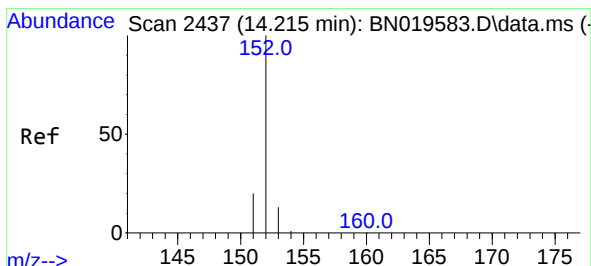
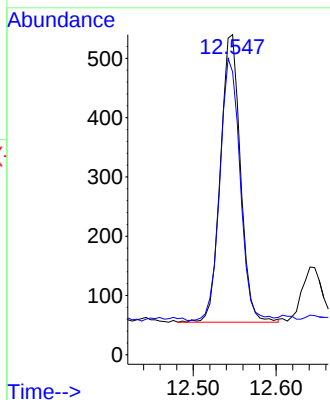
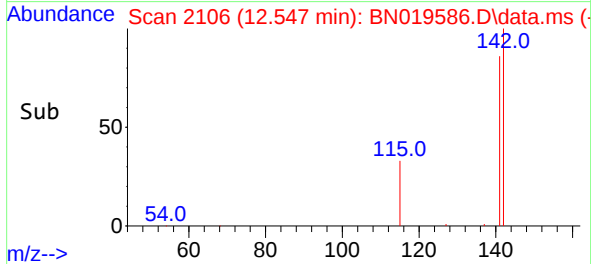
Instrument :
BNA_N
ClientSampleId :
BFFG5DL



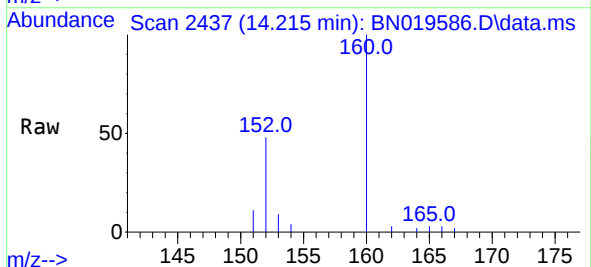
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Ion Ratio Lower Upper
142 100
141 91.5 0.0 0.0

Manual Integrations
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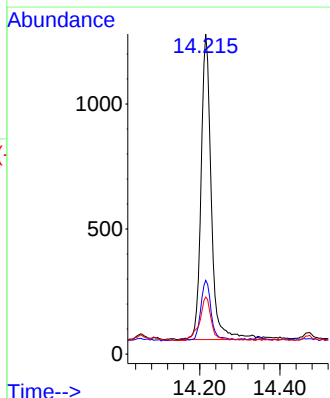
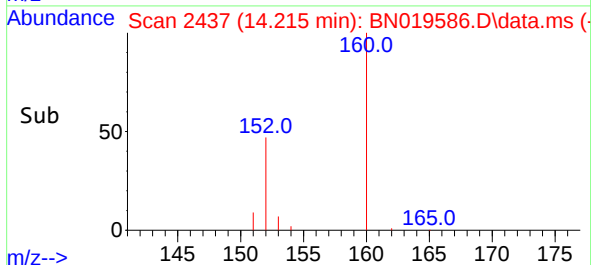
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

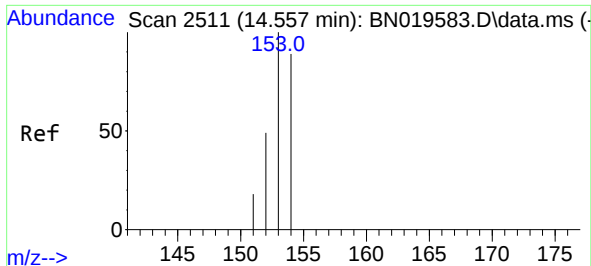


#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42



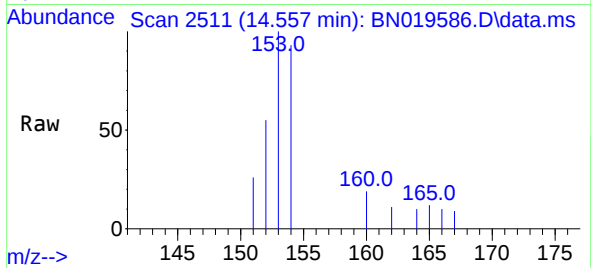
Tgt Ion:152 Resp: 2171
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 17.8 11.1 16.7





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

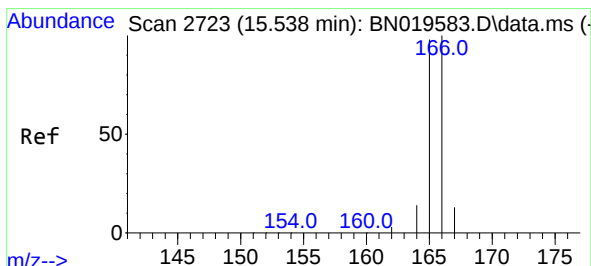
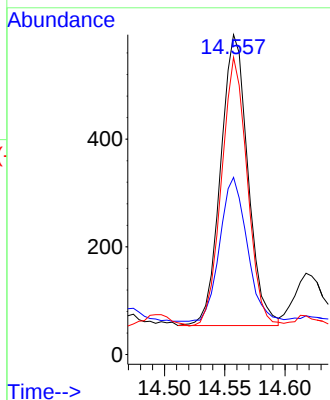
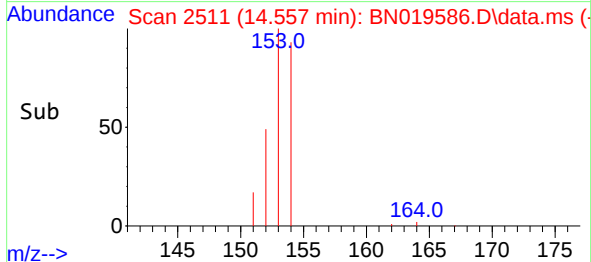
Instrument :
BNA_N
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Tgt Ion:153 Resp: 850
Ion Ratio Lower Upper
153 100
152 55.4 38.6 57.8
154 92.9 71.2 106.8

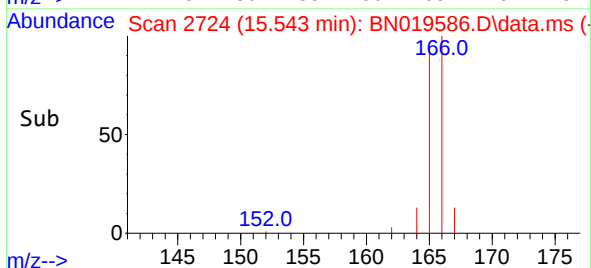
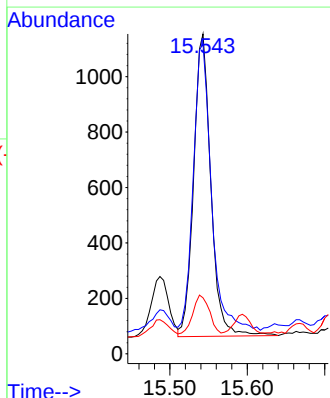
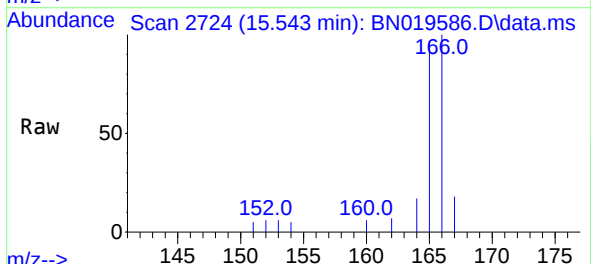
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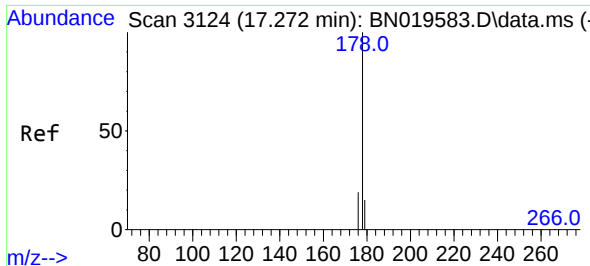
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

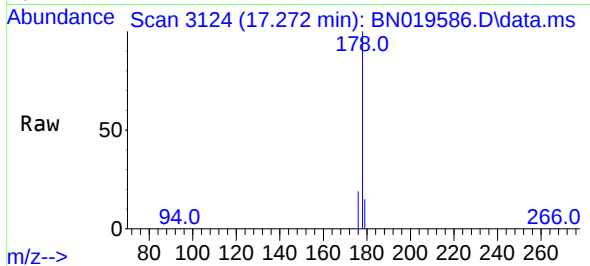
Tgt Ion:166 Resp: 1683
Ion Ratio Lower Upper
166 100
165 96.9 78.2 117.2
167 17.5 11.3 16.9#





#15
Phenanthrene
Concen: 0.927 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

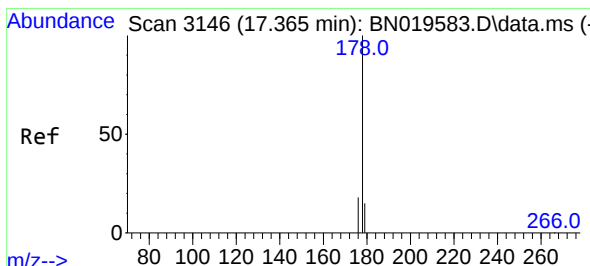
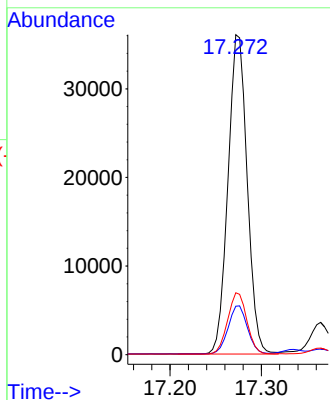
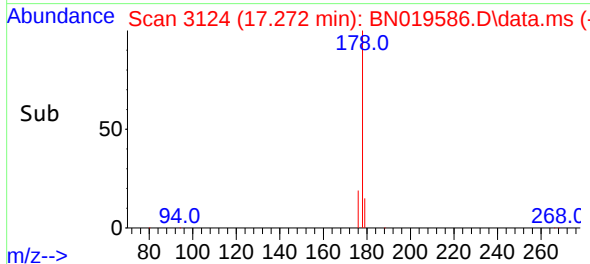
Instrument :
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ClientSampleId :
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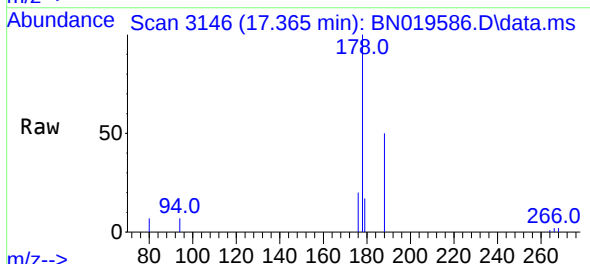
Tgt Ion:178 Resp: 52618
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.3 15.5 23.3

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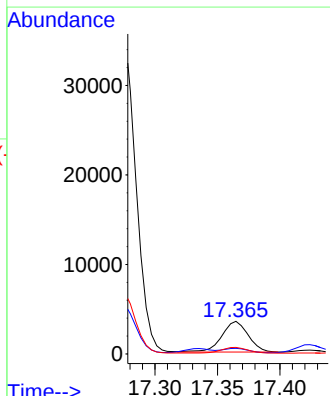
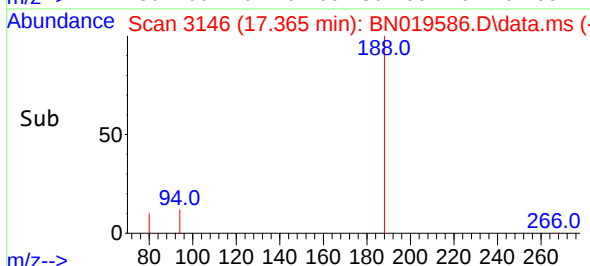
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

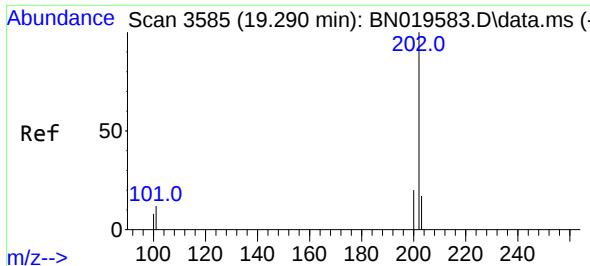


#16
Anthracene
Concen: 0.109 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42



Tgt Ion:178 Resp: 5060
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 20.2 15.3 22.9





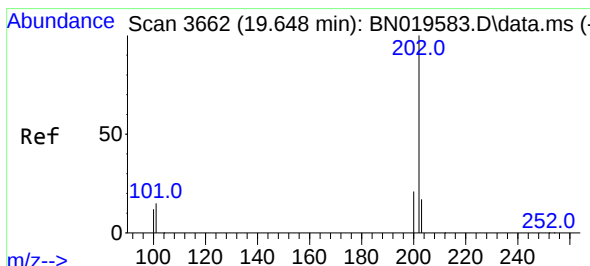
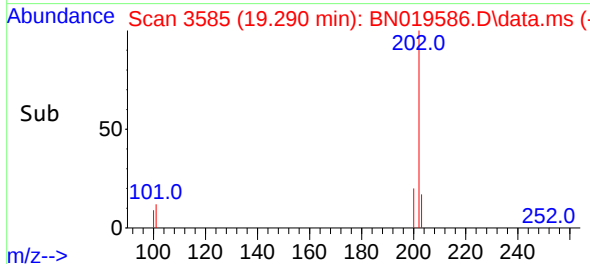
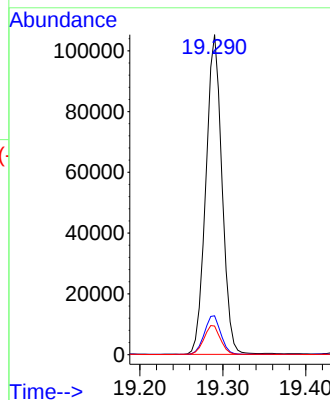
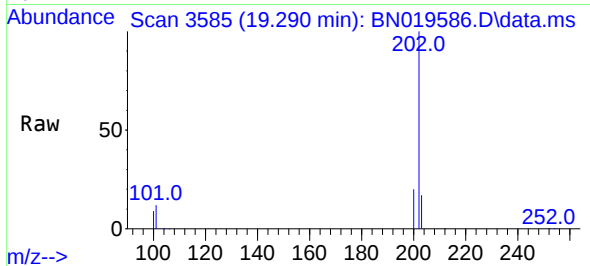
#19
Fluoranthene
Concen: 2.247 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

Instrument :
BNA_N
ClientSampleId :
BFFG5DL

Tgt Ion:202 Resp: 142304
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 8.9 7.4 11.2

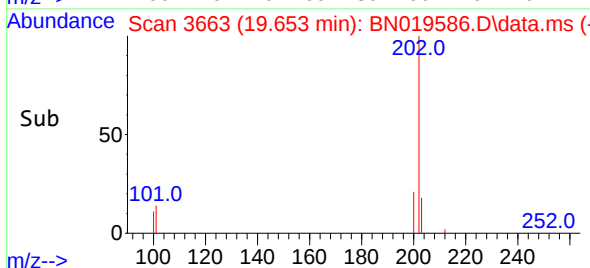
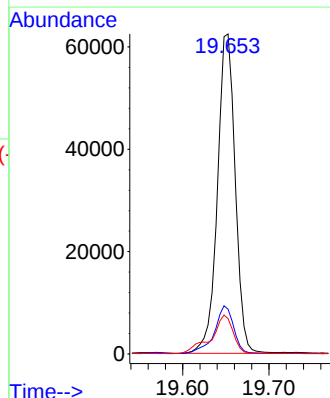
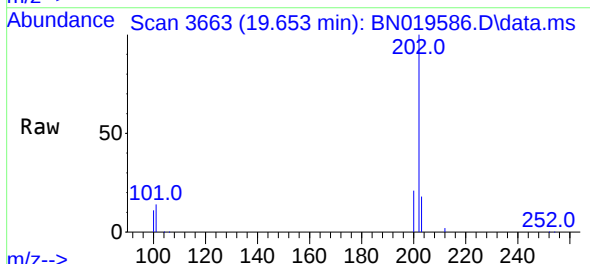
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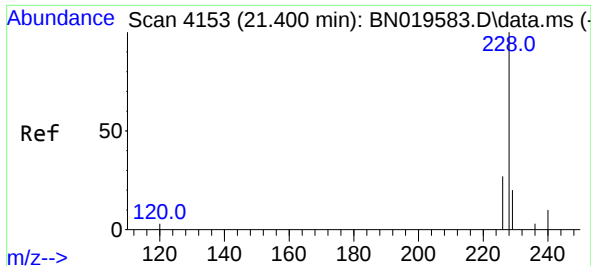
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 1.422 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

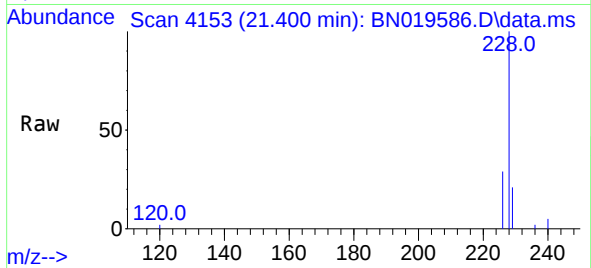
Tgt Ion:202 Resp: 89910
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 11.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.977 ng/ul
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

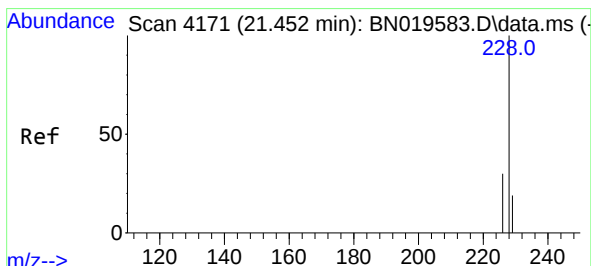
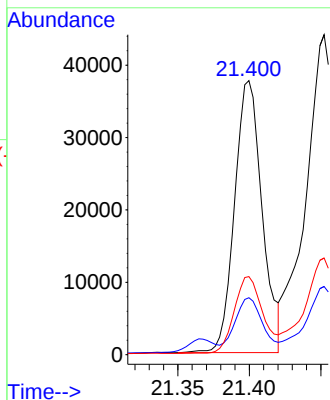
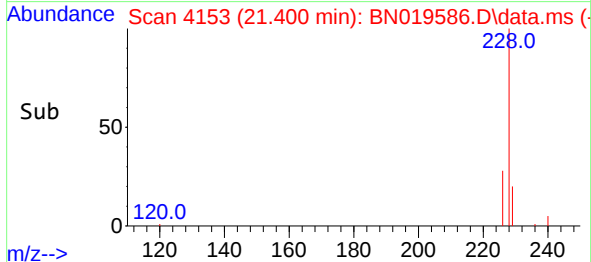
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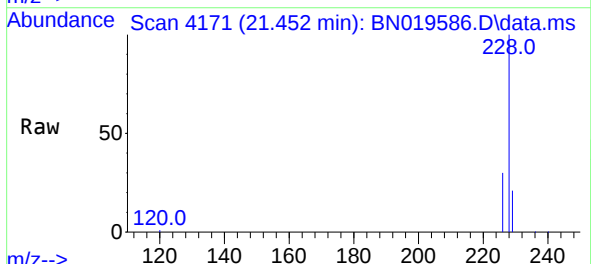
Tgt Ion:228 Resp: 50508
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.5 22.1 33.1

Manual Integrations
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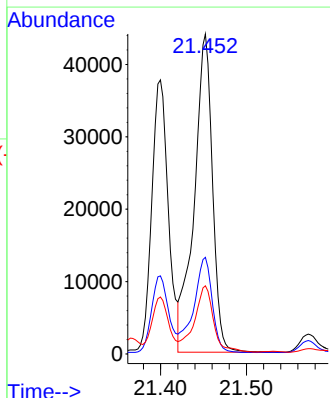
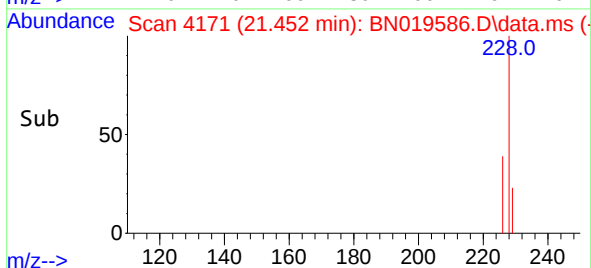
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

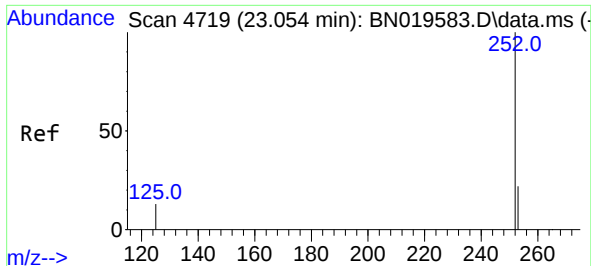


#22
Chrysene
Concen: 1.070 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42



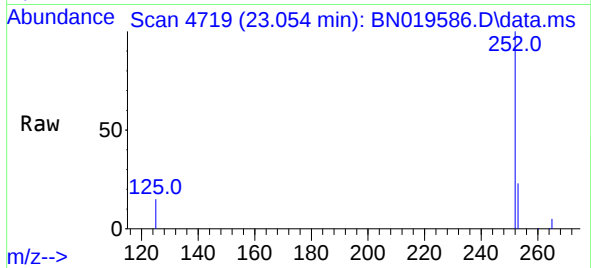
Tgt Ion:228 Resp: 65172
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 21.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.313 ng/ul m
RT: 23.054 min Scan# 4719
Delta R.T. -0.000 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

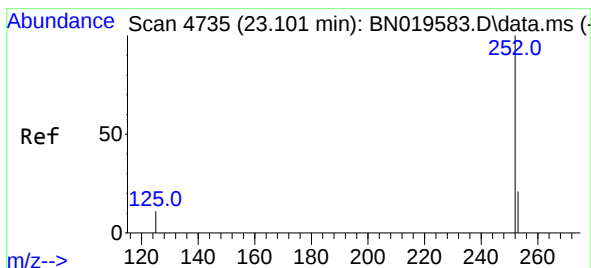
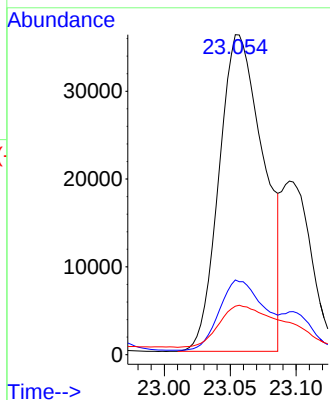
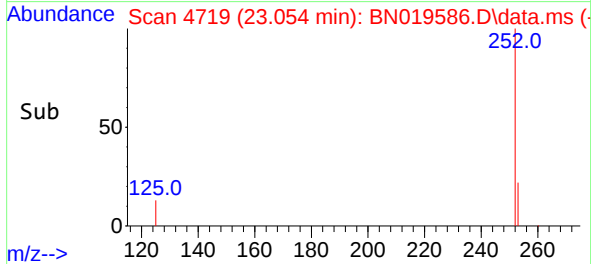
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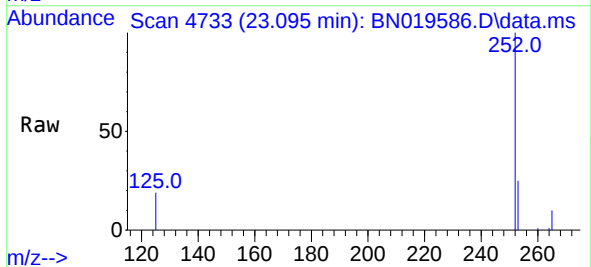
Tgt Ion:252 Resp: 84660
Ion Ratio Lower Upper
252 100
253 23.3 0.0 52.0
125 15.1 0.0 40.2

Manual Integrations
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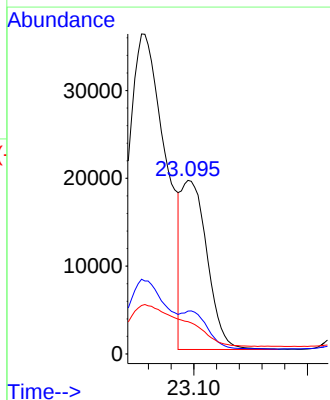
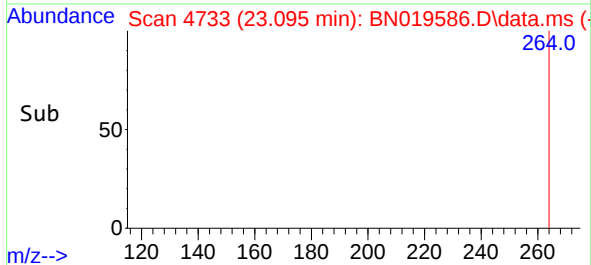
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

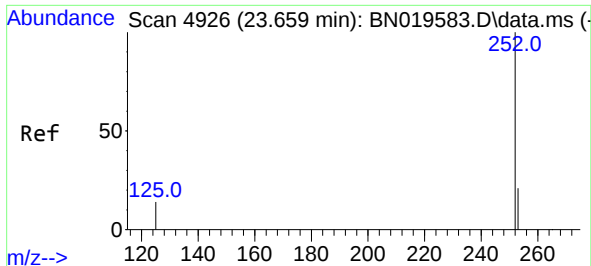


#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul m
RT: 23.095 min Scan# 4733
Delta R.T. -0.006 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42



Tgt Ion:252 Resp: 30555
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 18.6 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.662 min Scan# 4926
Delta R.T. -0.000 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

Instrument :

BNA_N

ClientSampleId :

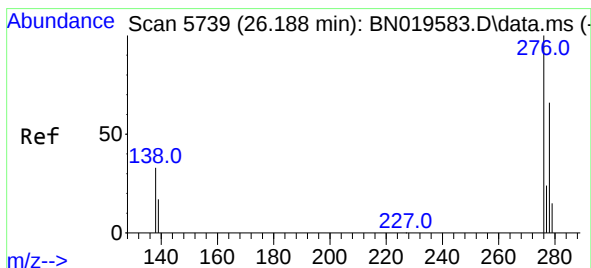
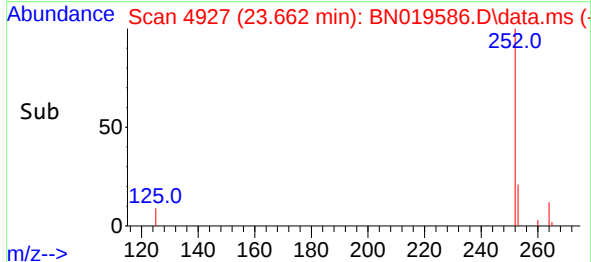
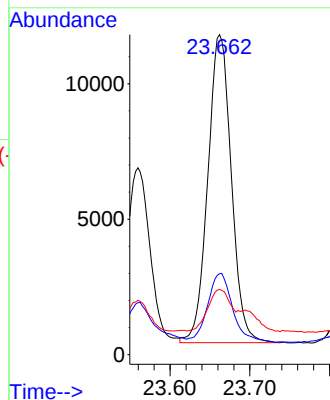
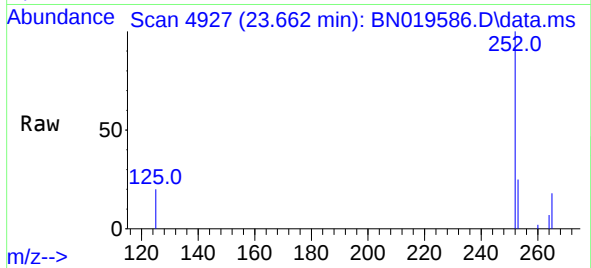
BFFG5DL

Tgt Ion:252 Resp: 23314
Ion Ratio Lower Upper
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253 25.3 23.4 35.0
125 20.4 28.3 42.5

Manual Integrations

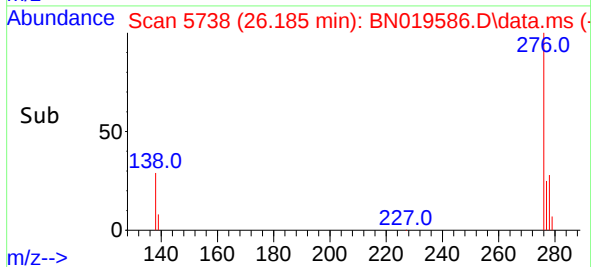
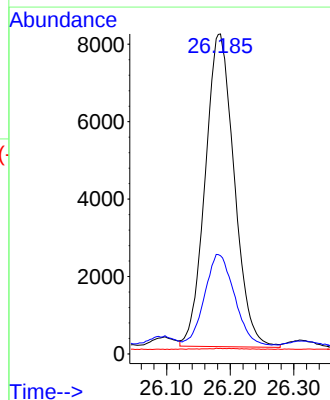
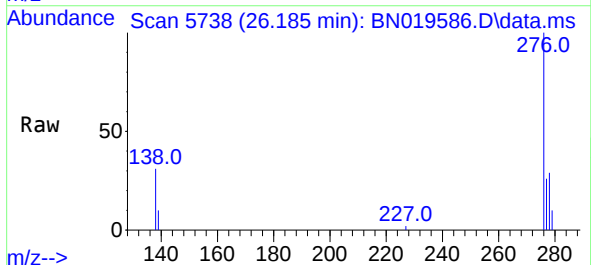
APPROVED

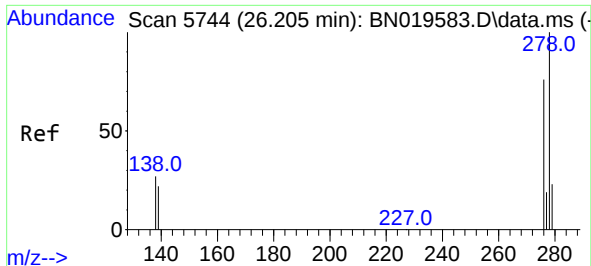
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. -0.000 min
Lab File: BN019586.D
Acq: 29 Apr 2022 11:42

Tgt Ion:276 Resp: 25620
Ion Ratio Lower Upper
276 100
138 29.8 23.6 35.4
227 0.3 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.156 ng/ul

RT: 26.195 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN019586.D

Acq: 29 Apr 2022 11:42

Instrument :

BNA_N

ClientSampleId :

BFFG5DL

Tgt Ion:278 Resp: 892

Ion Ratio Lower Upper

278 100

139 36.9 18.6 28.0

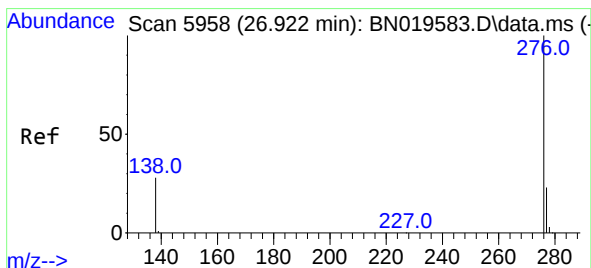
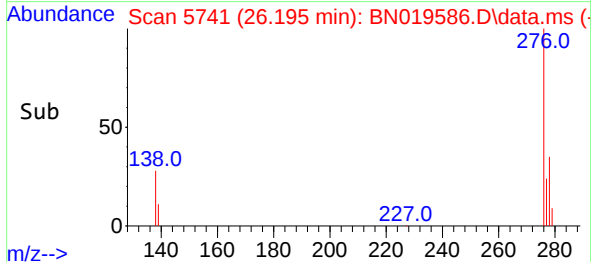
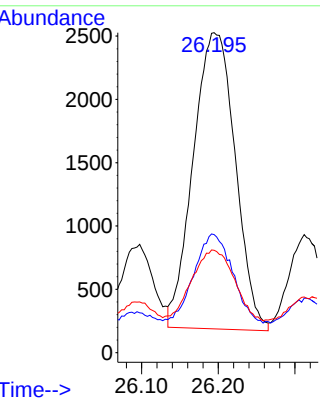
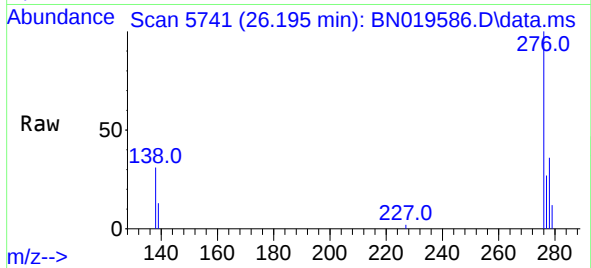
279 32.0 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022

Supervised By :Yogesh Patel 05/05/2022



#29

Benzo(g,h,i)perylene

Concen: 0.024 ng/ul

RT: 26.929 min Scan# 5960

Delta R.T. 0.006 min

Lab File: BN019586.D

Acq: 29 Apr 2022 11:42

Tgt Ion:276 Resp: 1521

Ion Ratio Lower Upper

276 100

138 58.7 20.9 31.3#

277 48.1 20.4 30.6#

