

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
 Data File : BN019570.D
 Acq On : 28 Apr 2022 17:39
 Operator : CG/JU
 Sample : N2470-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFG5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 29 02:13:53 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	7.880	152	4836	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	13639	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.497	164	7259	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	14650	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	12863	0.400	ng/ul	# 0.00
23) Perylene-d12	23.770	264	11545	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	17960	3.138	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	4073	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	10111	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2351	0.053	ng/ul#	93
7) 2-Methylnaphthalene	12.328	142	2455	0.091	ng/ul#	100
8) 1-Methylnaphthalene	12.547	142	3419	0.137	ng/ul#	100
10) Acenaphthylene	14.215	152	8852	0.247	ng/ul	98
11) Acenaphthene	14.557	153	3501	0.121	ng/ul	98
12) Fluorene	15.543	166	7226	0.228	ng/ul	98
15) Phenanthrene	17.276	178	233407	4.331	ng/ul	99
16) Anthracene	17.365	178	21659	0.493	ng/ul	100
19) Fluoranthene	19.290	202	618667	10.508	ng/ul	99
20) Pyrene	19.653	202	373982	6.364	ng/ul	98
21) Benzo(a)anthracene	21.400	228	224260	4.665	ng/ul	99
22) Chrysene	21.452	228	272066	4.802	ng/ul	99
24) Benzo(b)fluoranthene	23.057	252	365654m	6.242	ng/ul	
25) Benzo(k)fluoranthene	23.101	252	129803m	2.300	ng/ul	
26) Benzo(a)pyrene	23.665	252	102144	2.047	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.185	276	112134	1.801	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.198	278	39190	0.753	ng/ul#	81
29) Benzo(g,h,i)perylene	26.929	276	6472	0.114	ng/ul#	65

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

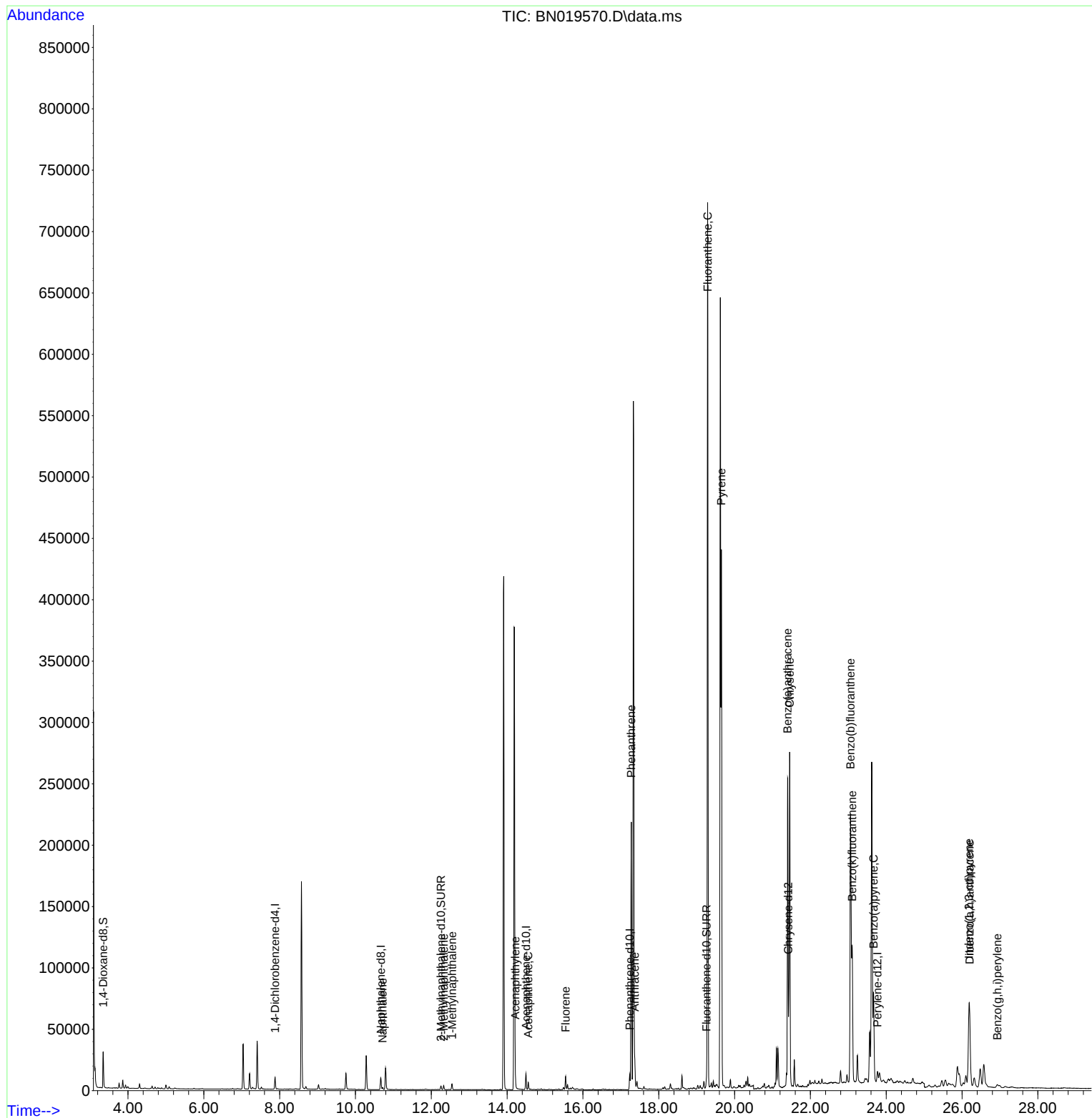
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042922\
Data File : BN019570.D
Acq On : 28 Apr 2022 17:39
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ALS Vial : 15 Sample Multiplier: 1

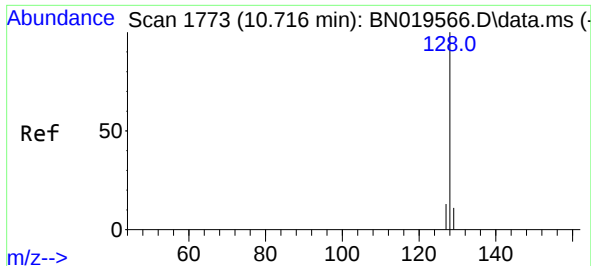
Instrument :
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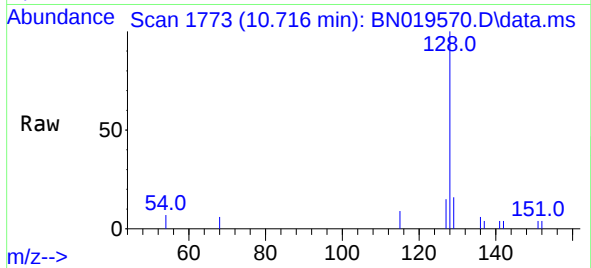
Quant Time: Apr 29 02:13:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 13:24:26 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

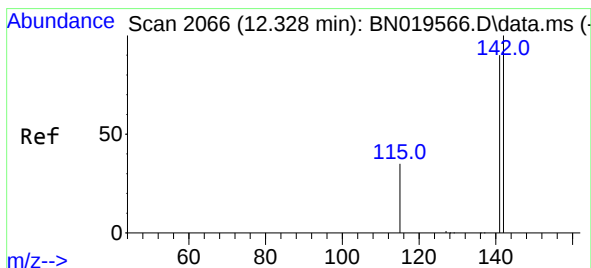
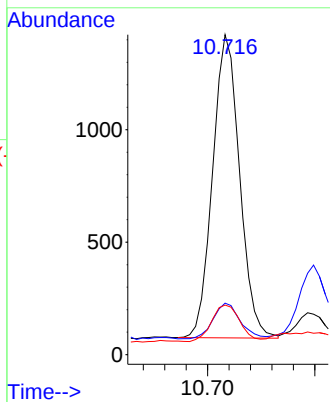
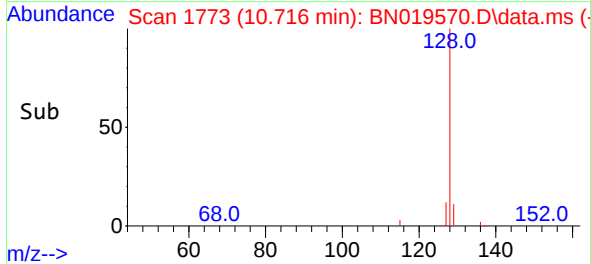
Instrument :
BNA_N
ClientSampleId :
BFFG5



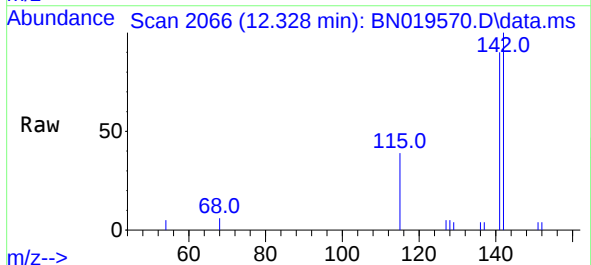
Tgt Ion:128 Resp: 235
Ion Ratio Lower Upper
128 100
129 16.1 9.5 14.3
127 15.5 11.0 16.4

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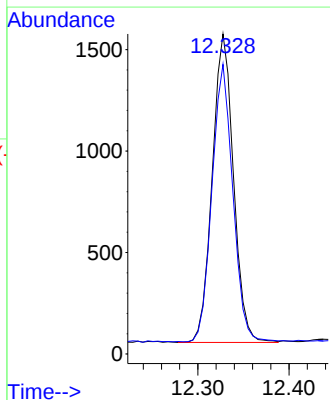
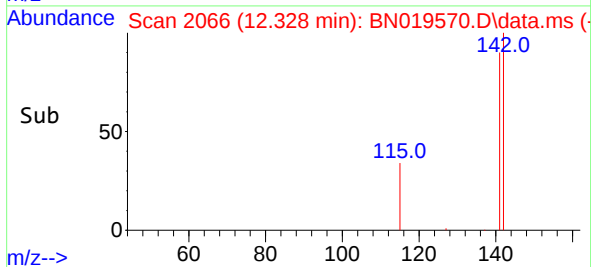
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

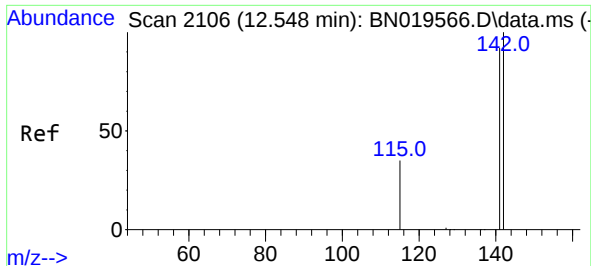


#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.328 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



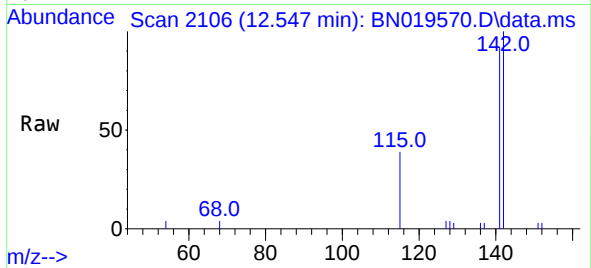
Tgt Ion:142 Resp: 2455
Ion Ratio Lower Upper
142 100
141 88.8 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

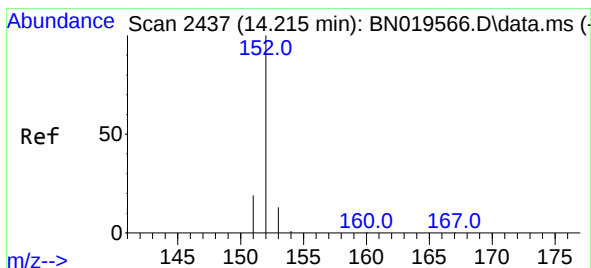
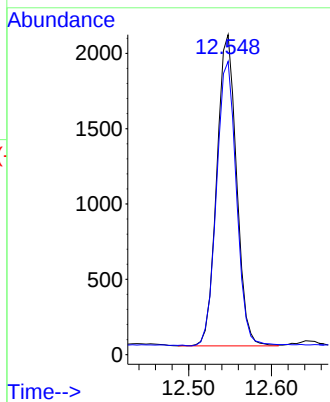
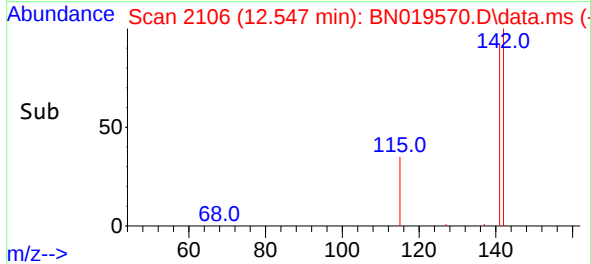
Instrument :
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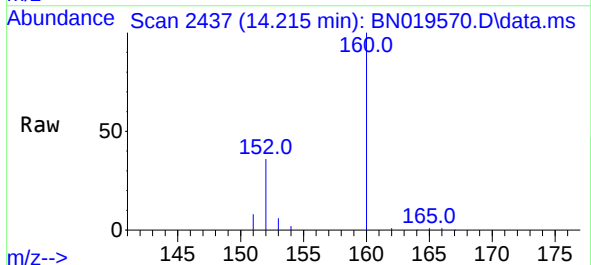
Tgt Ion:142 Resp: 3419
Ion Ratio Lower Upper
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141 92.3 0.0 0.0

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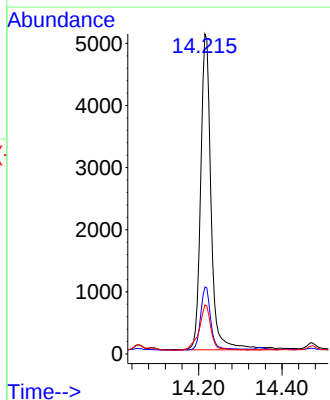
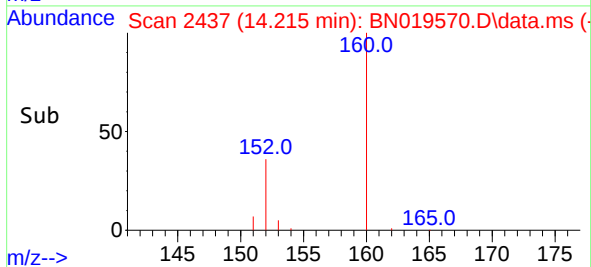
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

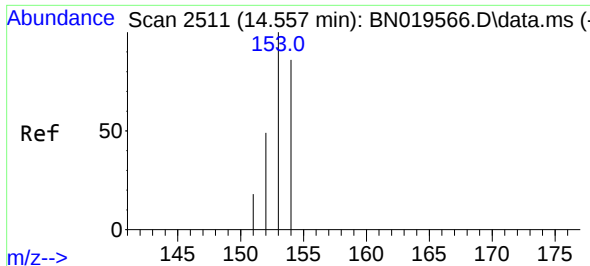


#10
Acenaphthylene
Concen: 0.247 ng/ul
RT: 14.215 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



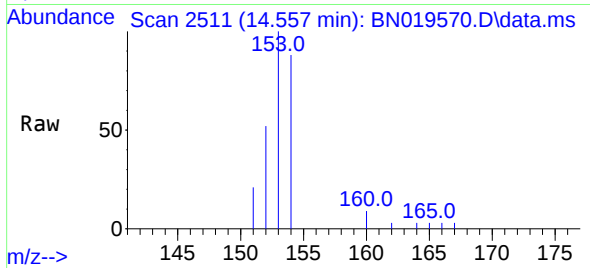
Tgt Ion:152 Resp: 8852
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 15.3 11.1 16.7





#11
Acenaphthene
Concen: 0.121 ng/u1
RT: 14.557 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

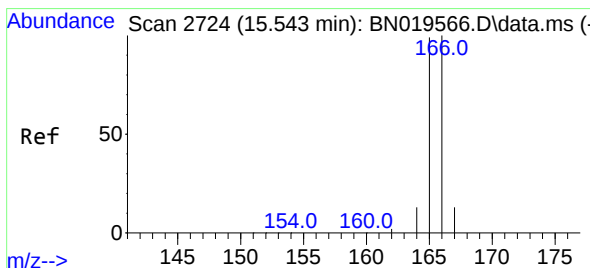
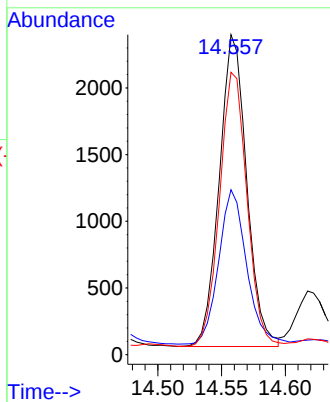
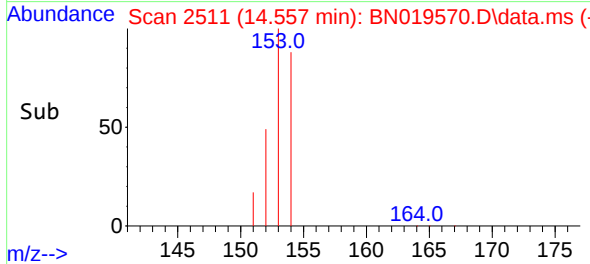
Instrument :
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ClientSampleId :
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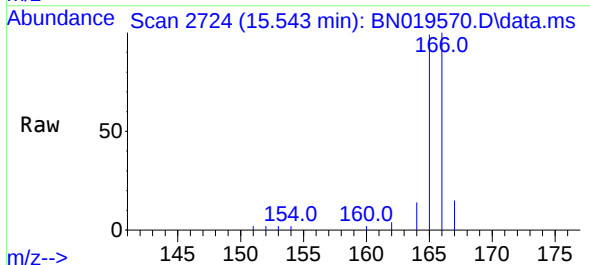
Tgt Ion:153 Resp: 350
Ion Ratio Lower Upper
153 100
152 51.6 38.6 57.8
154 88.2 71.2 106.8

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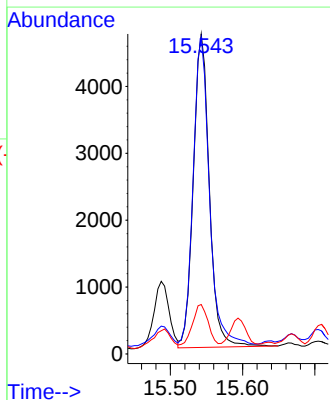
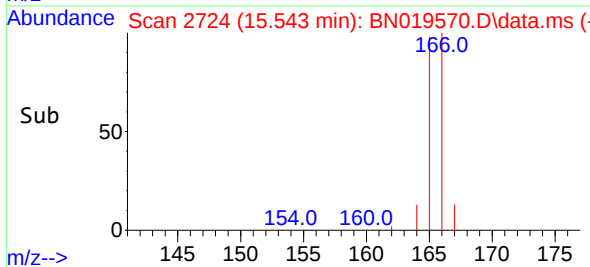
Reviewed By :Jagrut Upadhyay 04/29/2022
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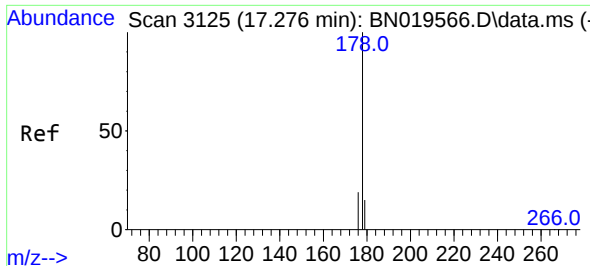


#12
Fluorene
Concen: 0.228 ng/u1
RT: 15.543 min Scan# 2724
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



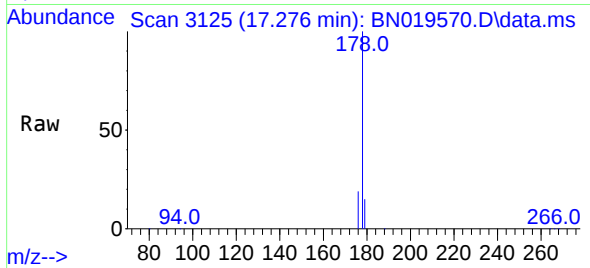
Tgt Ion:166 Resp: 7226
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 15.5 11.3 16.9





#15
Phenanthrene
Concen: 4.331 ng/u1
RT: 17.276 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

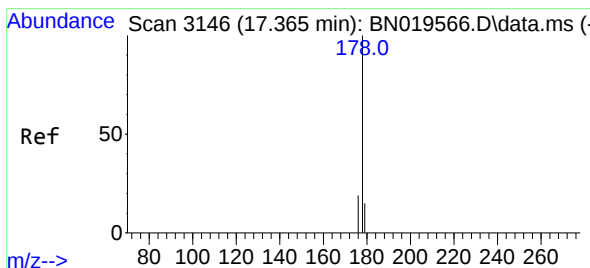
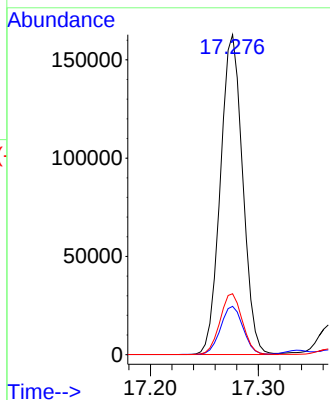
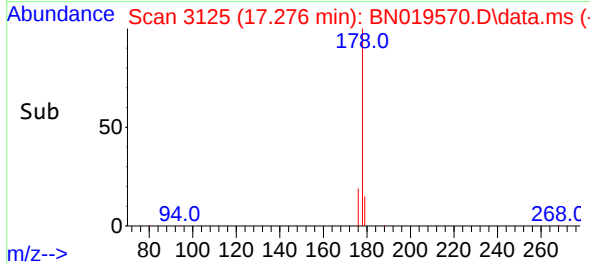
Instrument :
BNA_N
ClientSampleId :
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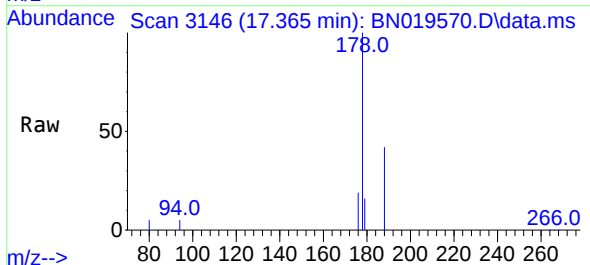
Tgt Ion:178 Resp: 23340
Ion Ratio Lower Upper
178 100
179 15.1 12.9 19.3
176 19.0 15.5 23.3

Manual Integrations
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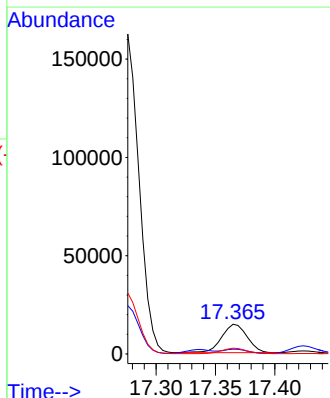
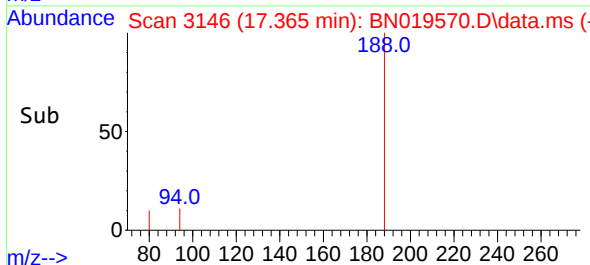
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

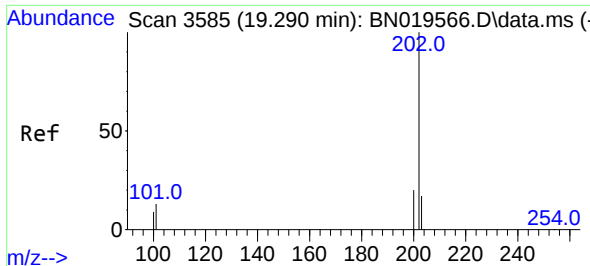


#16
Anthracene
Concen: 0.493 ng/u1
RT: 17.365 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



Tgt Ion:178 Resp: 21659
Ion Ratio Lower Upper
178 100
179 16.3 13.1 19.7
176 19.2 15.3 22.9





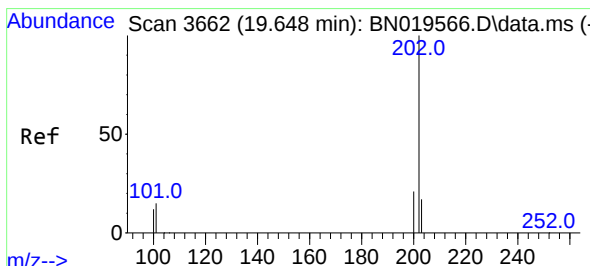
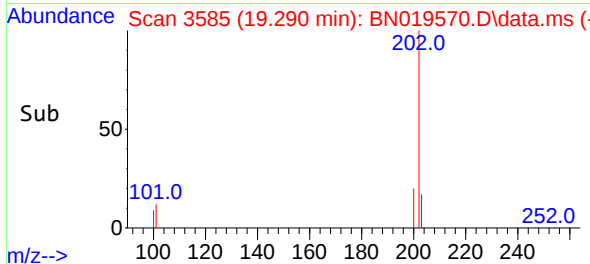
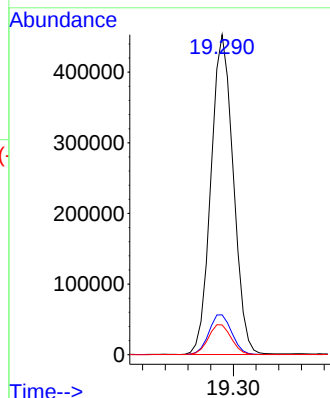
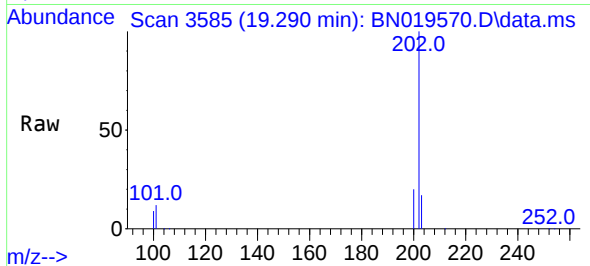
#19
Fluoranthene
Concen: 10.508 ng/u1
RT: 19.290 min Scan# 3585
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

Instrument :
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ClientSampleId :
BFFG5

Tgt Ion:202 Resp: 61866
Ion Ratio Lower Upper
202 100
101 12.5 9.7 14.5
100 9.3 7.4 11.2

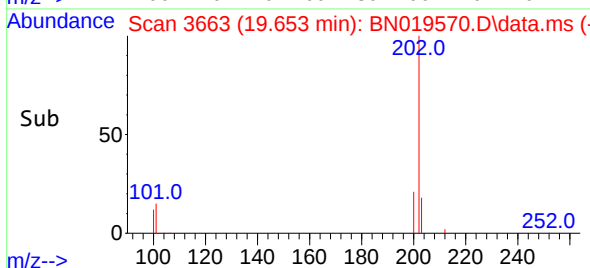
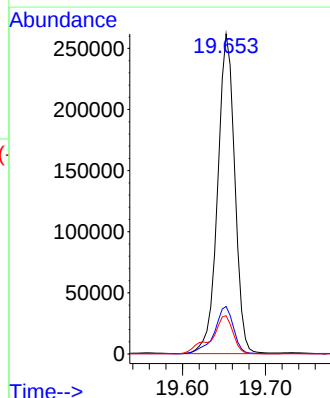
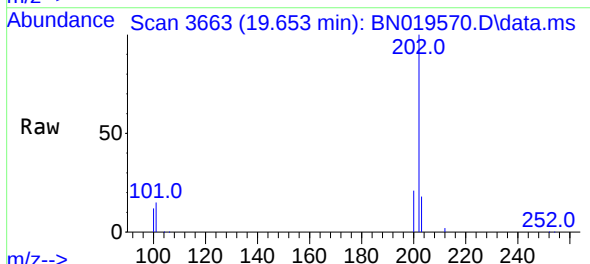
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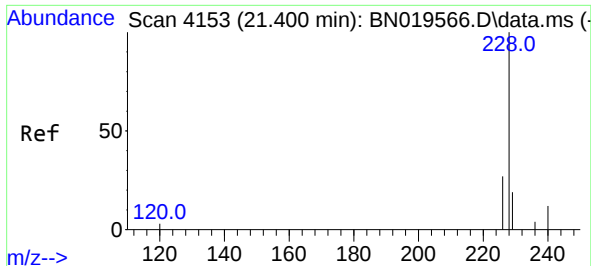
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022



#20
Pyrene
Concen: 6.364 ng/u1
RT: 19.653 min Scan# 3663
Delta R.T. 0.001 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

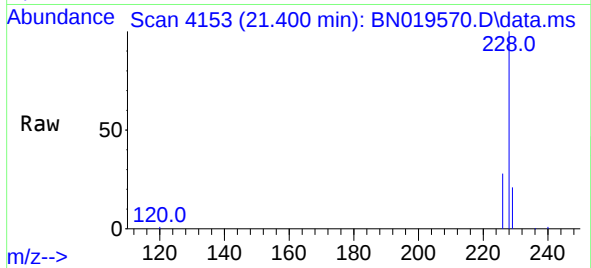
Tgt Ion:202 Resp: 373982
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 4.665 ng/u1
RT: 21.400 min Scan# 4153
Delta R.T. -0.000 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

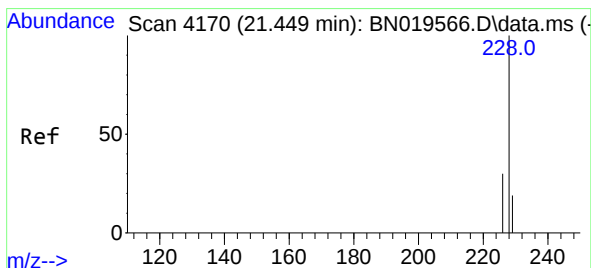
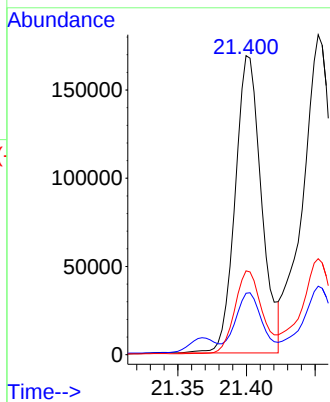
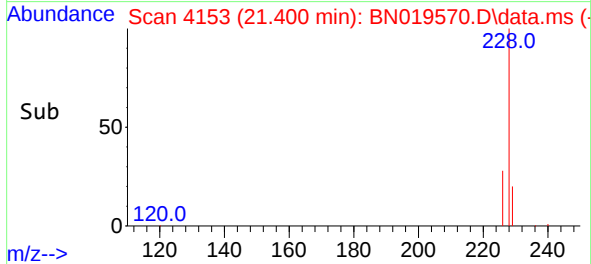
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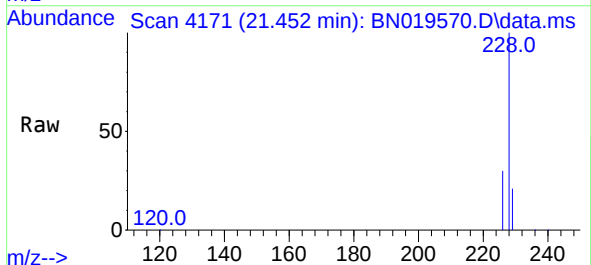
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Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 28.0 22.1 33.1

Manual Integrations
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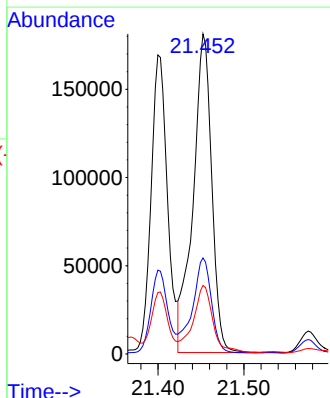
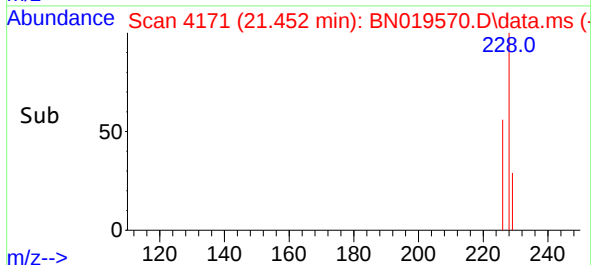
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Supervised By :Yogesh Patel 05/05/2022

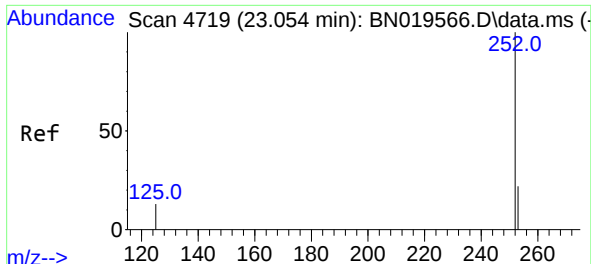


#22
Chrysene
Concen: 4.802 ng/u1
RT: 21.452 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



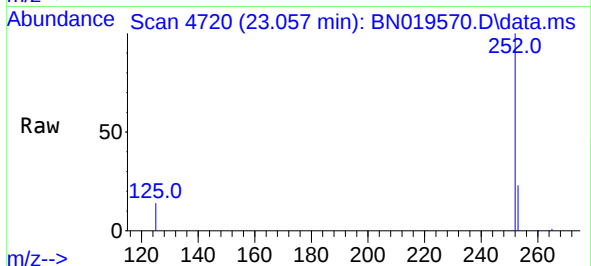
Tgt Ion:228 Resp: 272066
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 21.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 6.242 ng/ul m
RT: 23.057 min Scan# 4720
Delta R.T. 0.003 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

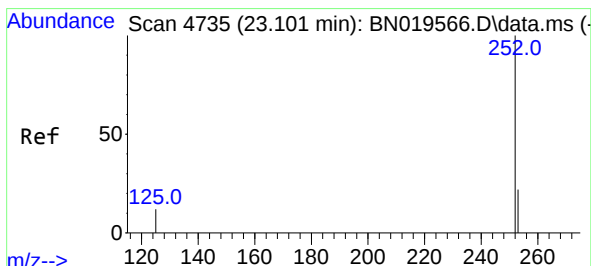
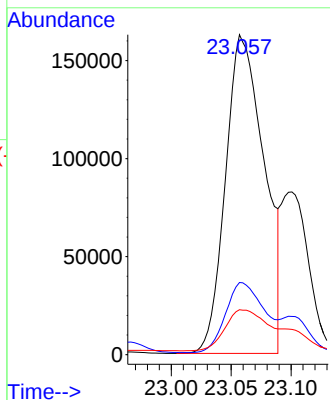
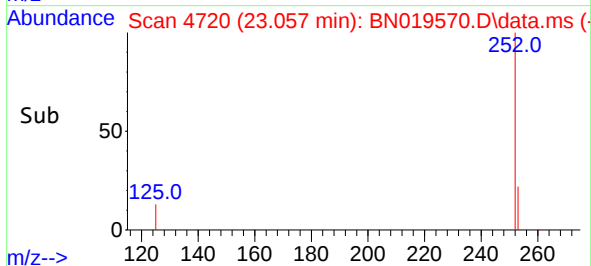
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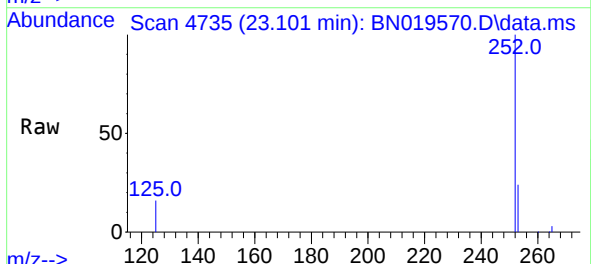
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Ion Ratio Lower Upper
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253 22.6 0.0 52.0
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Manual Integrations
APPROVED

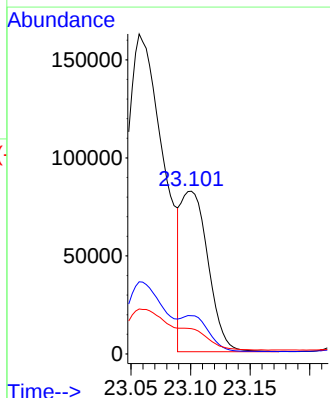
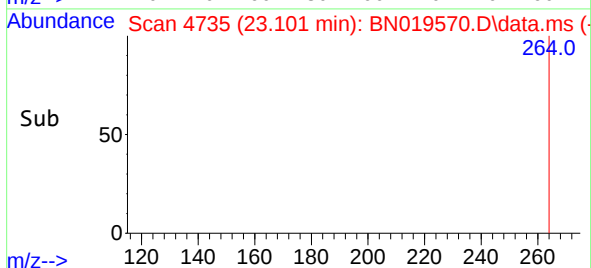
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

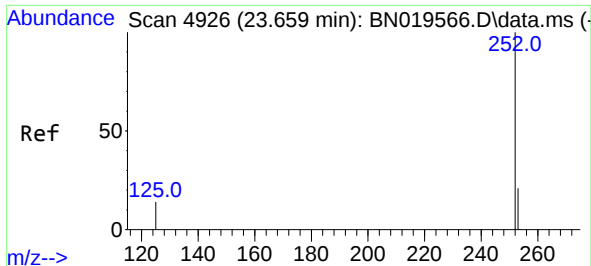


#25
Benzo(k)fluoranthene
Concen: 2.300 ng/ul m
RT: 23.101 min Scan# 4735
Delta R.T. -0.000 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



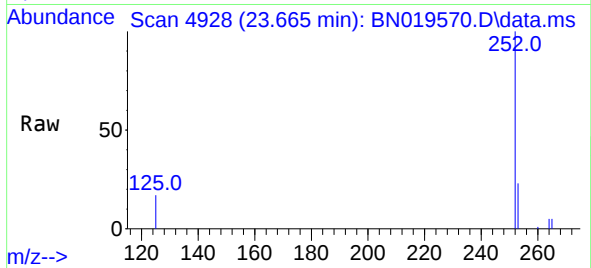
Tgt Ion:252 Resp: 129803
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.2
125 15.5 11.0 16.6





#26
Benzo(a)pyrene
Concen: 2.047 ng/ul
RT: 23.665 min Scan# 4926
Delta R.T. 0.003 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39

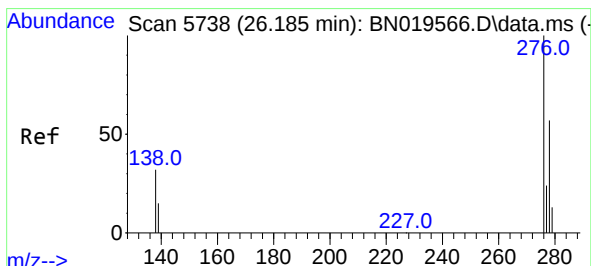
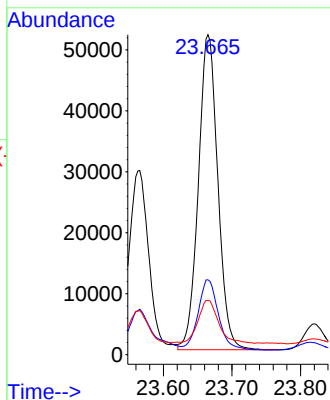
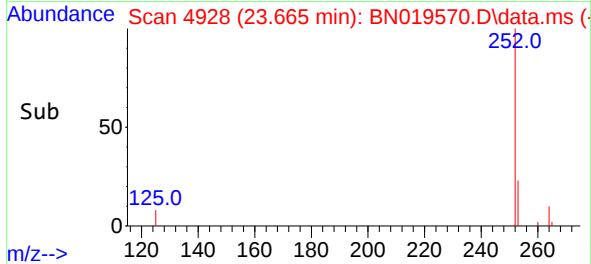
Instrument :
BNA_N
ClientSampleId :
BFFG5



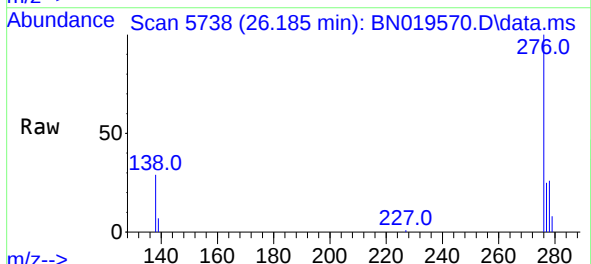
Tgt Ion:252 Resp: 102144
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 16.9 28.3 42.5

Manual Integrations
APPROVED

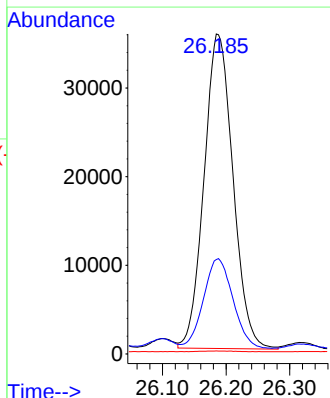
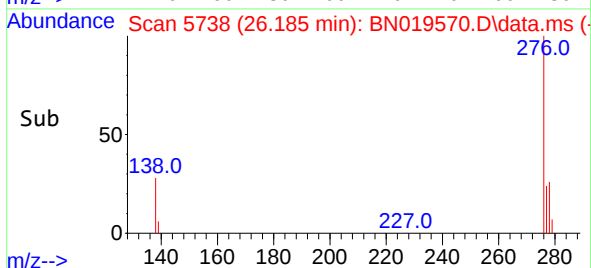
Reviewed By :Jagrut Upadhyay 04/29/2022
Supervised By :Yogesh Patel 05/05/2022

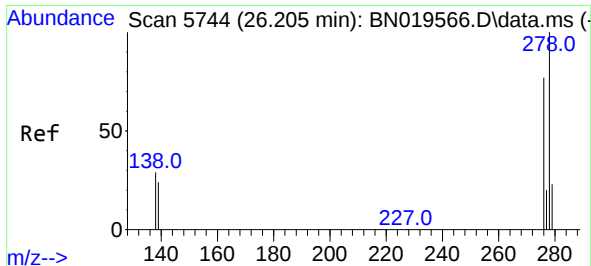


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.801 ng/ul
RT: 26.185 min Scan# 5738
Delta R.T. -0.000 min
Lab File: BN019570.D
Acq: 28 Apr 2022 17:39



Tgt Ion:276 Resp: 112134
Ion Ratio Lower Upper
276 100
138 29.1 23.6 35.4
227 0.3 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.753 ng/ul

RT: 26.198 min Scan# 5190

Delta R.T. -0.004 min

Lab File: BN019570.D

Acq: 28 Apr 2022 17:39

Instrument :

BNA_N

ClientSampleId :

BFFG5

Tgt Ion:278 Resp: 39190

Ion Ratio Lower Upper

278 100

139 26.9 18.6 28.0

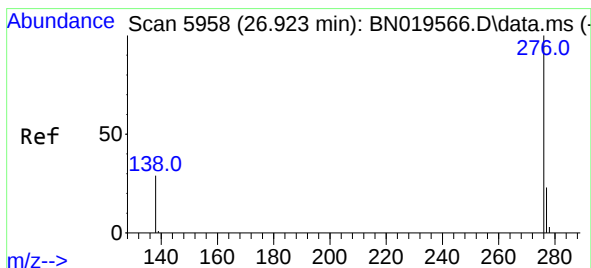
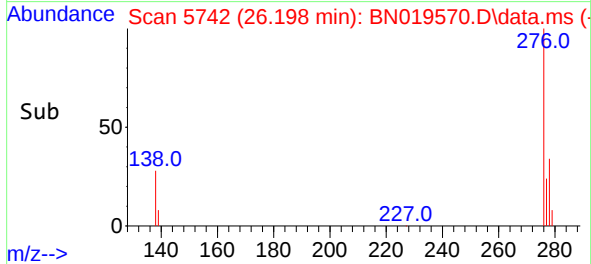
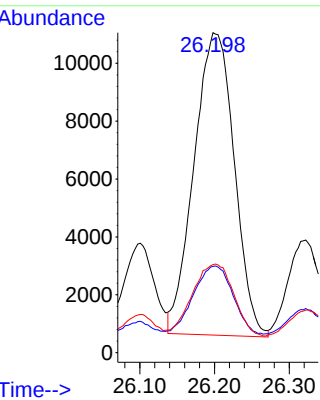
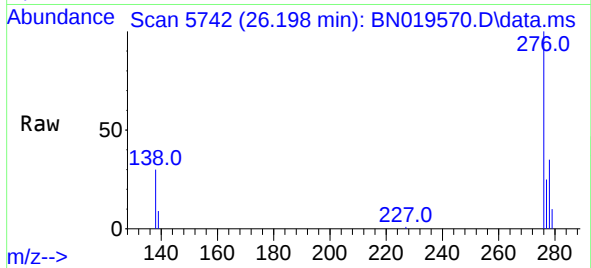
279 27.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022

Supervised By :Yogesh Patel 05/05/2022



#29

Benzo(g,h,i)perylene

Concen: 0.114 ng/ul

RT: 26.929 min Scan# 5960

Delta R.T. 0.006 min

Lab File: BN019570.D

Acq: 28 Apr 2022 17:39

Tgt Ion:276 Resp: 6472

Ion Ratio Lower Upper

276 100

138 47.9 20.9 31.3#

277 38.8 20.4 30.6#

