

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019491.D
 Acq On : 18 Apr 2022 23:08
 Operator : CG/JU
 Sample : PB144173BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS173

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
 Supervised By :Yogesh Patel 04/25/2022

Quant Time: Apr 19 03:07:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 15:28:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	4315	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	13622	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	8297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	14646	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	8924	0.400	ng/ul	0.00
23) Perylene-d12	23.745	264	6245	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	3564	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	6846	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	14920	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	9568m	1.789	ng/ul	
5) Naphthalene	10.666	128	13844	0.358	ng/ul	100
7) 2-Methylnaphthalene	12.289	142	8357	0.347	ng/ul#	100
8) 1-Methylnaphthalene	12.503	142	8954	0.345	ng/ul#	100
10) Acenaphthylene	14.178	152	12033	0.394	ng/ul	100
11) Acenaphthene	14.520	153	10275	0.341	ng/ul	99
12) Fluorene	15.510	166	10894	0.352	ng/ul	100
14) Pentachlorophenol	16.866	266	1430	0.732	ng/ul	89
15) Phenanthrene	17.242	178	17037	0.341	ng/ul	100
16) Anthracene	17.339	178	12701	0.354	ng/ul	100
19) Fluoranthene	19.261	202	18578	0.375	ng/ul	98
20) Pyrene	19.624	202	19672	0.367	ng/ul	99
21) Benzo(a)anthracene	21.377	228	9970	0.391	ng/ul	99
22) Chrysene	21.430	228	13019	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.026	252	10708m	0.362	ng/ul	
25) Benzo(k)fluoranthene	23.072	252	12415	0.384	ng/ul	98
26) Benzo(a)pyrene	23.640	252	10707	0.417	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.176	276	9783	0.373	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.196	278	7034	0.404	ng/ul#	89
29) Benzo(g,h,i)perylene	26.910	276	10587	0.382	ng/ul	98

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

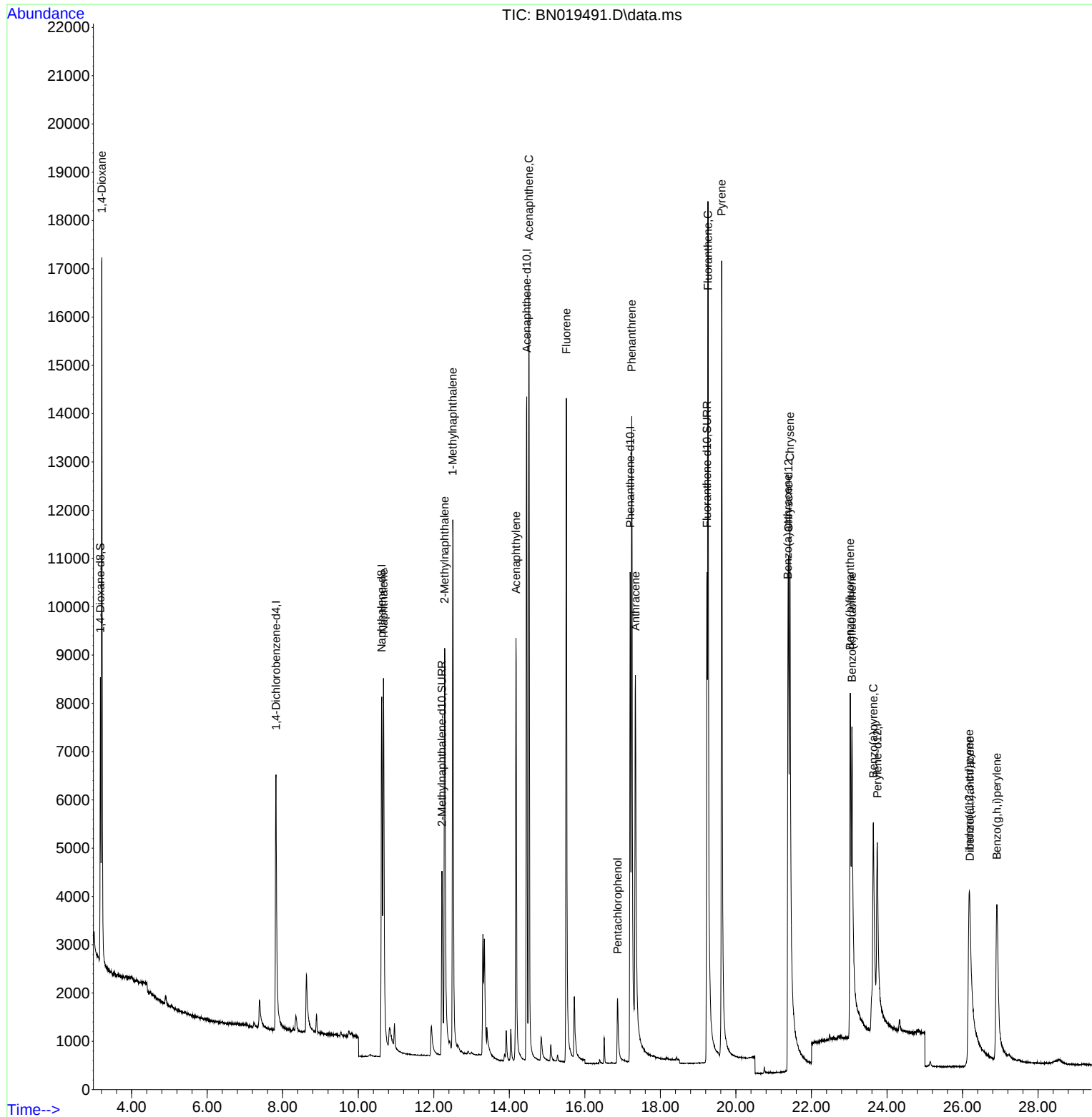
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
Data File : BN019491.D
Acq On : 18 Apr 2022 23:08
Operator : CG/JU
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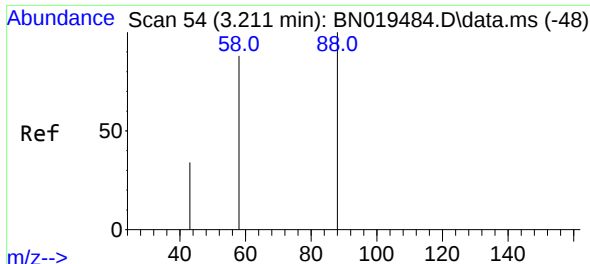
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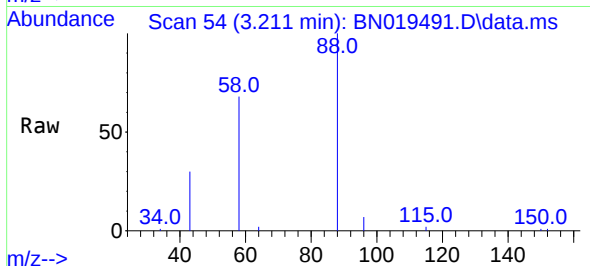
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022





#2
1,4-Dioxane
Concen: 1.789 ng/ul m
RT: 3.211 min Scan# 54
Delta R.T. 0.004 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

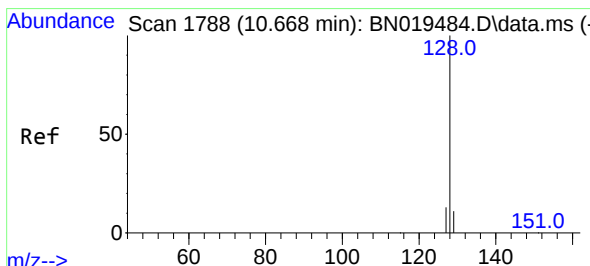
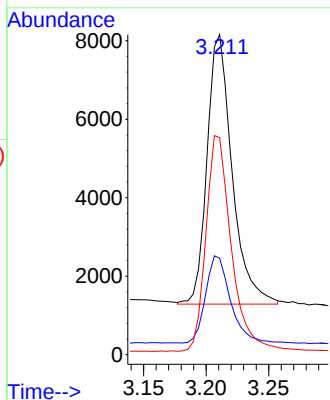
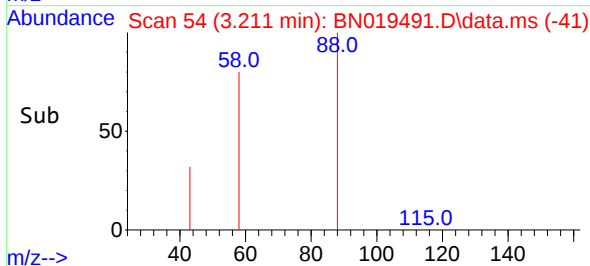
Instrument :
BNA_N
ClientSampleId :
SLCS173



Tgt Ion: 88 Resp: 956
Ion Ratio Lower Upper
88 100
43 30.1 39.0 58.4
58 67.8 39.8 59.8

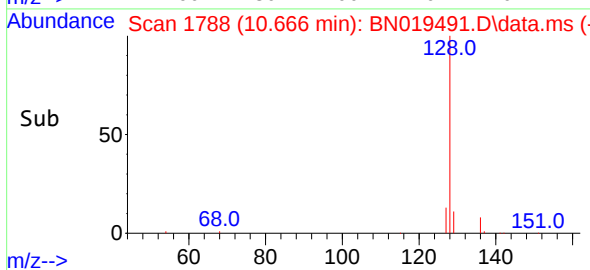
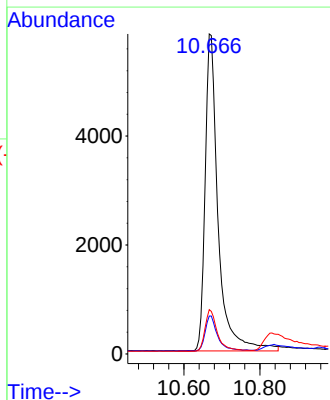
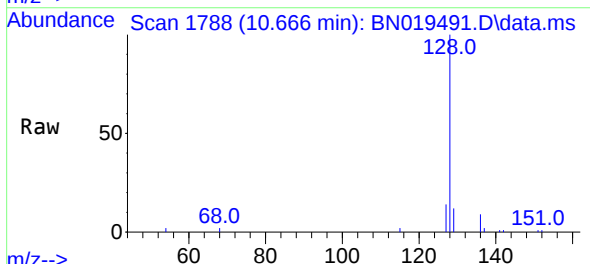
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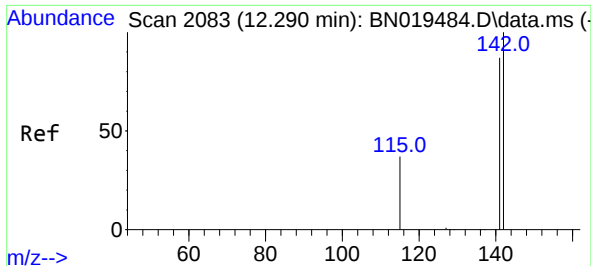
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.666 min Scan# 1788
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

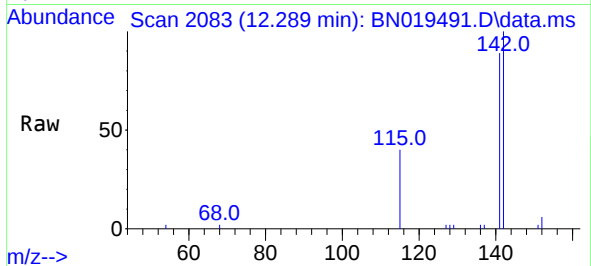
Tgt Ion:128 Resp: 13844
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.8 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

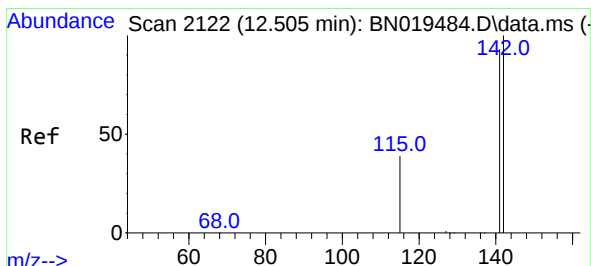
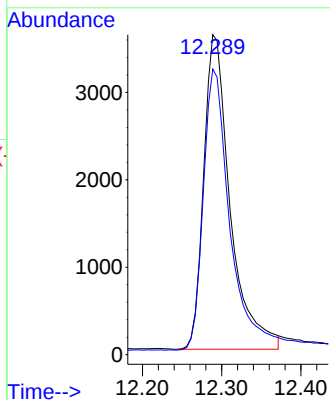
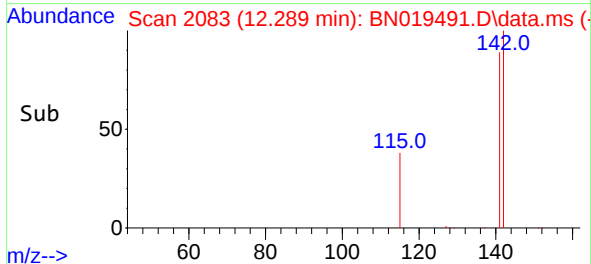
Instrument :
BNA_N
ClientSampleId :
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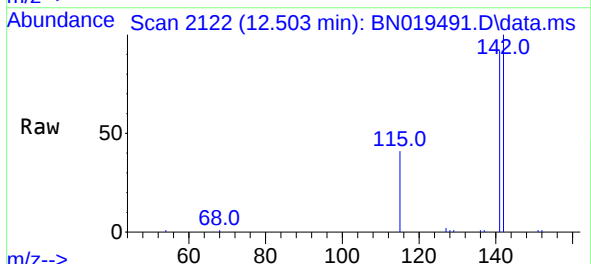
Tgt Ion:142 Resp: 835
Ion Ratio Lower Upper
142 100
141 89.5 0.0 0.0

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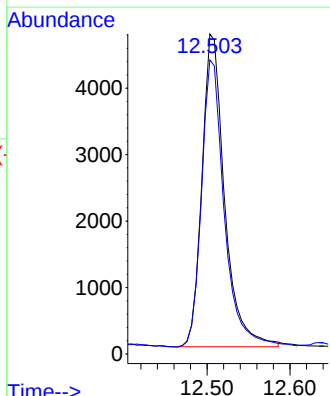
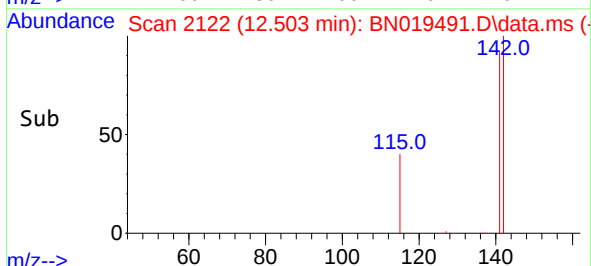
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

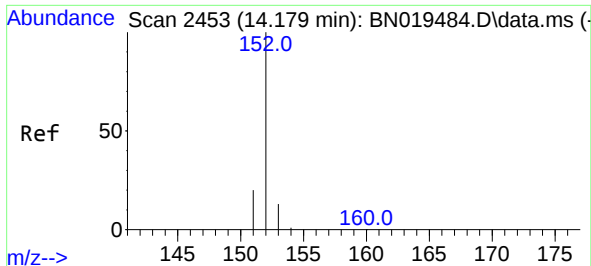


#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.503 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08



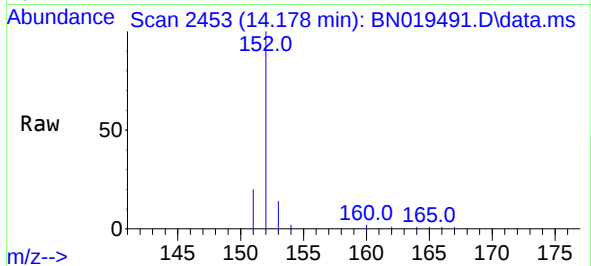
Tgt Ion:142 Resp: 8954
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0





#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

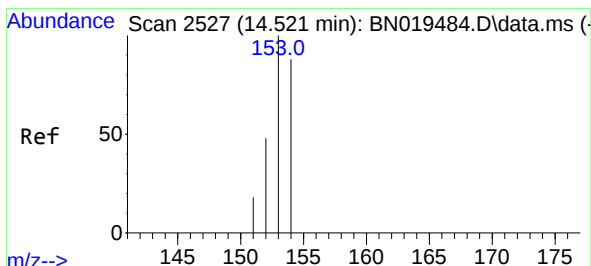
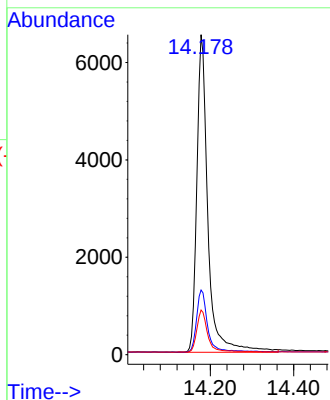
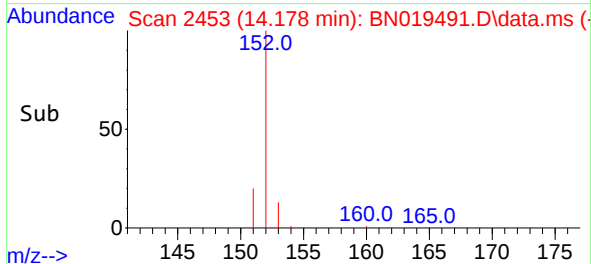
Instrument :
BNA_N
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Tgt Ion:152 Resp: 12033
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.0 11.1 16.7

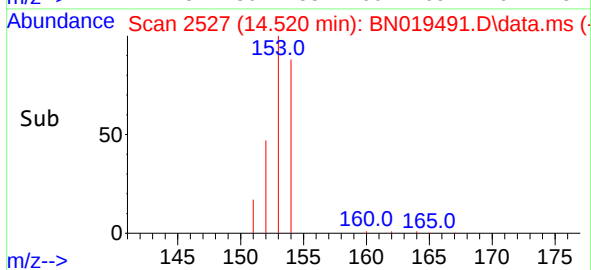
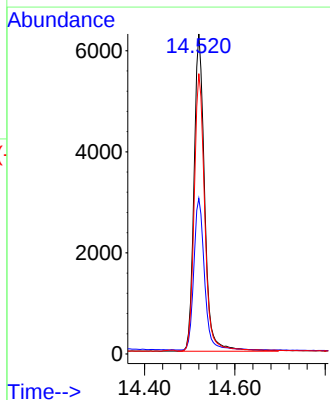
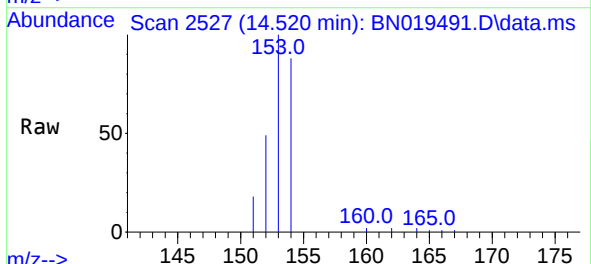
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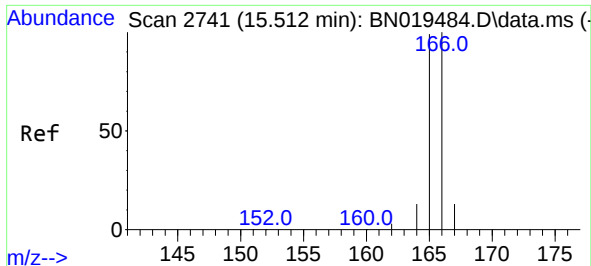
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

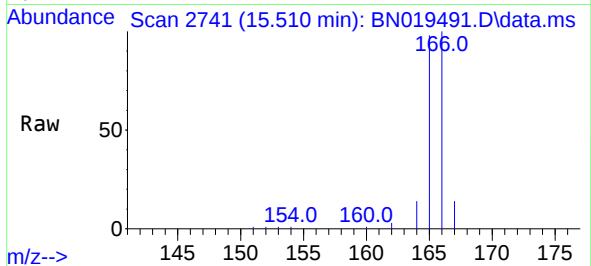
Tgt Ion:153 Resp: 10275
Ion Ratio Lower Upper
153 100
152 48.6 38.6 57.8
154 87.6 71.2 106.8





#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

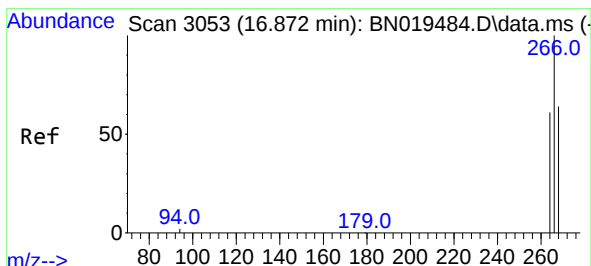
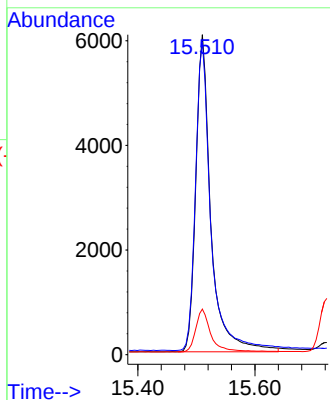
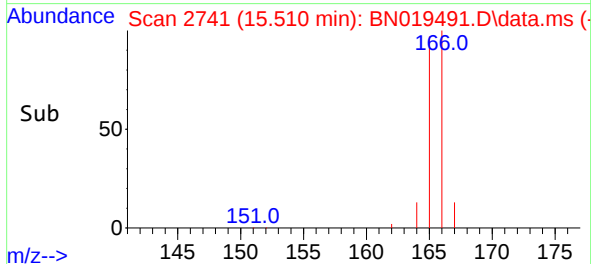
Instrument :
BNA_N
ClientSampleId :
SLCS173



Tgt Ion:166 Resp: 10894
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 14.3 11.3 16.9

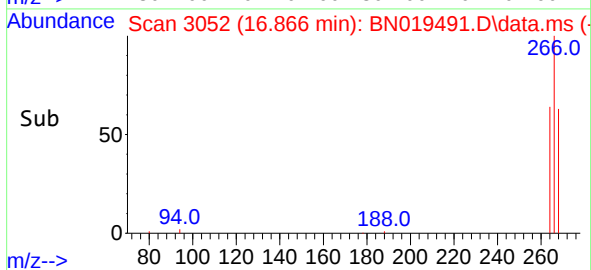
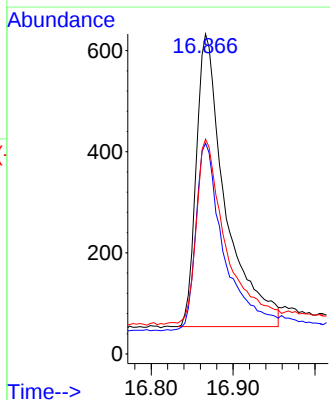
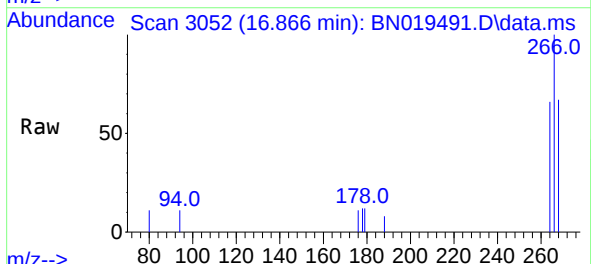
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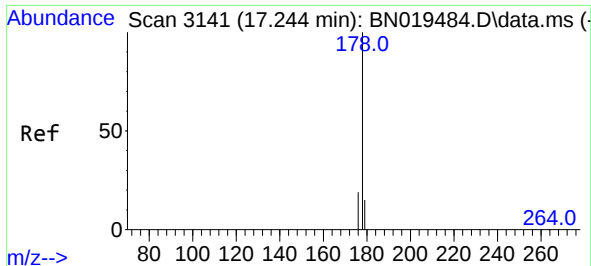
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#14
Pentachlorophenol
Concen: 0.732 ng/ul
RT: 16.866 min Scan# 3052
Delta R.T. -0.005 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

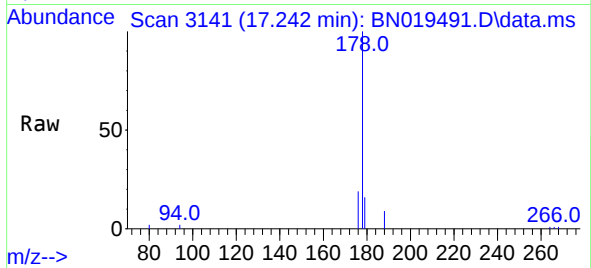
Tgt Ion:266 Resp: 1430
Ion Ratio Lower Upper
266 100
264 63.4 44.9 67.3
268 64.6 44.6 67.0





#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.242 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

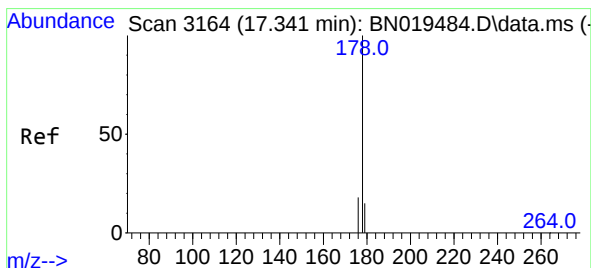
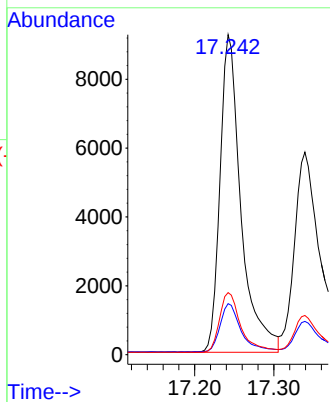
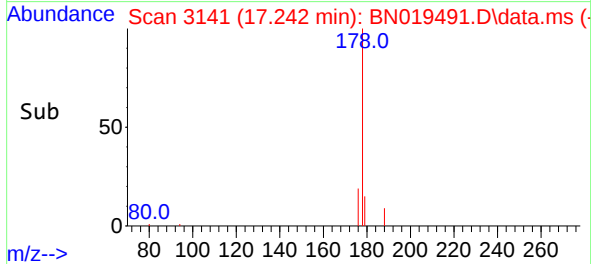
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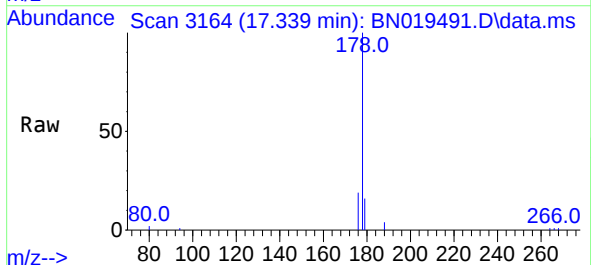
Tgt Ion:178 Resp: 1703
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.4 15.5 23.3

Manual Integrations
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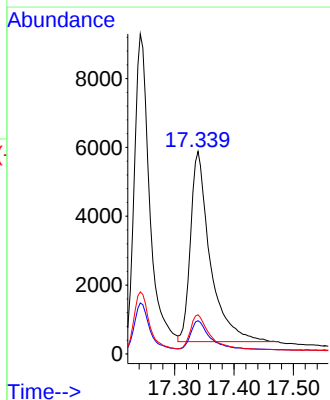
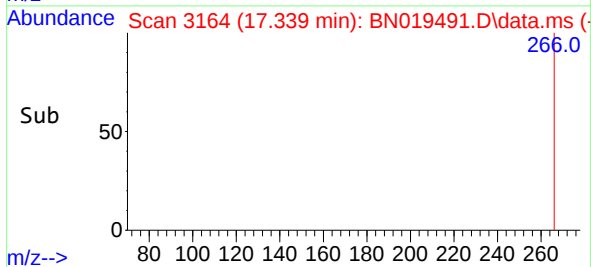
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

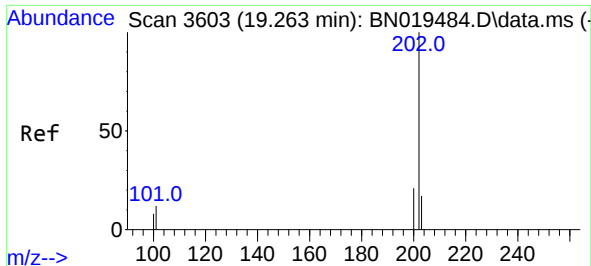


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.339 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08



Tgt Ion:178 Resp: 12701
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 19.4 15.3 22.9





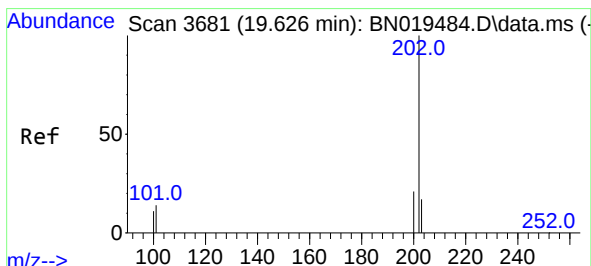
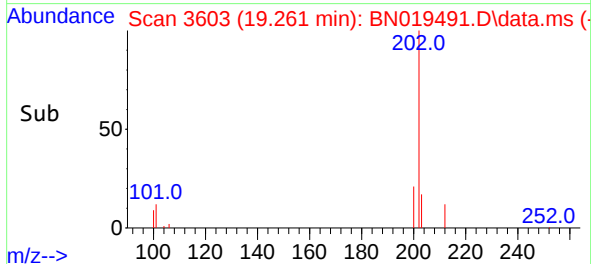
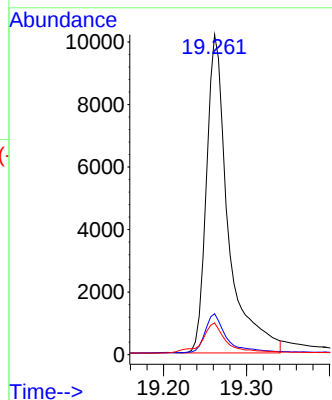
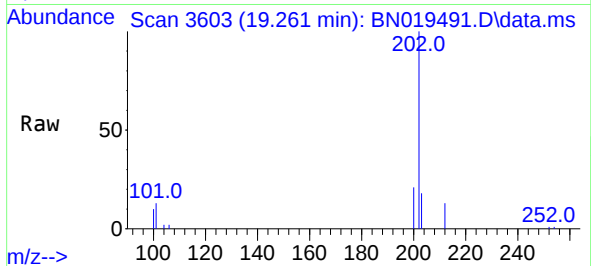
#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.261 min Scan# 3603
Delta R.T. -0.002 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

Instrument :
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ClientSampleId :
SLCS173

Tgt Ion:202 Resp: 18576
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
100 9.9 7.4 11.2

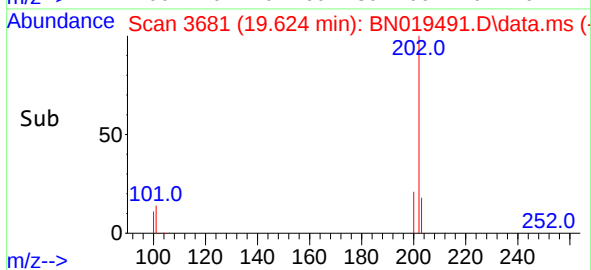
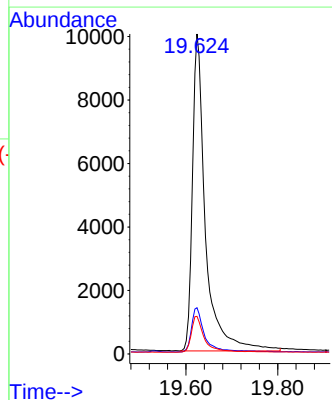
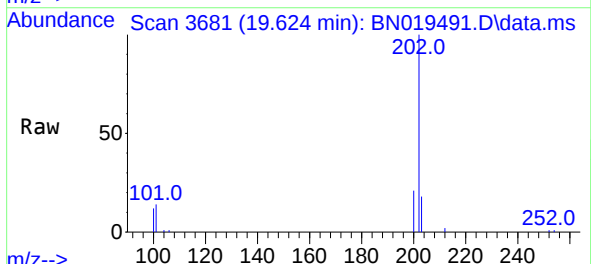
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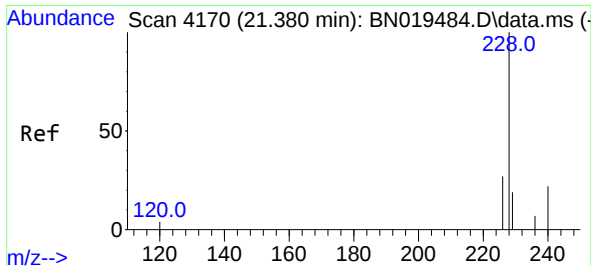
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#20
Pyrene
Concen: 0.367 ng/ul
RT: 19.624 min Scan# 3681
Delta R.T. -0.002 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

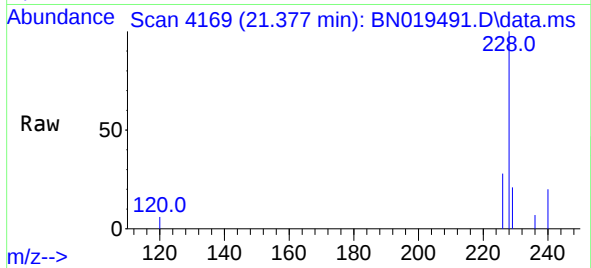
Tgt Ion:202 Resp: 19672
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.391 ng/u1
RT: 21.377 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

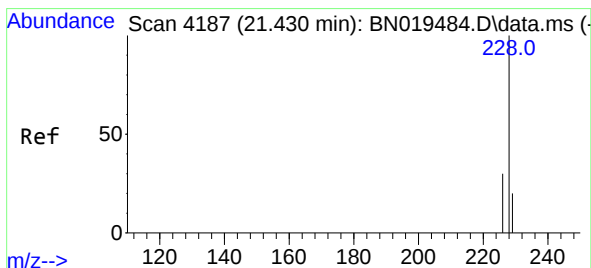
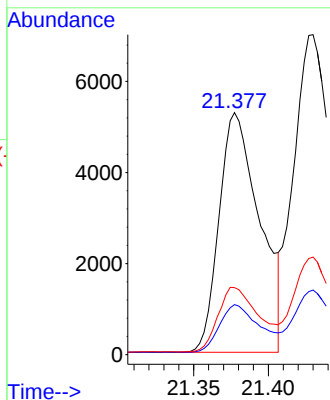
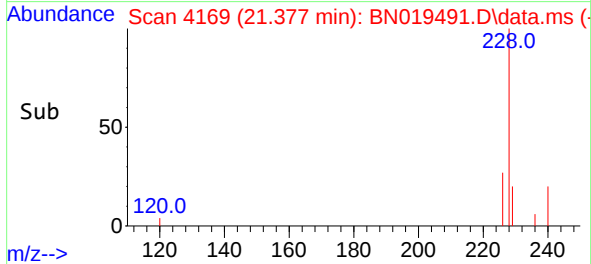
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 9970
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.7 22.1 33.1

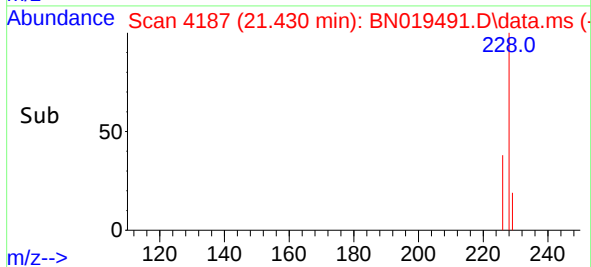
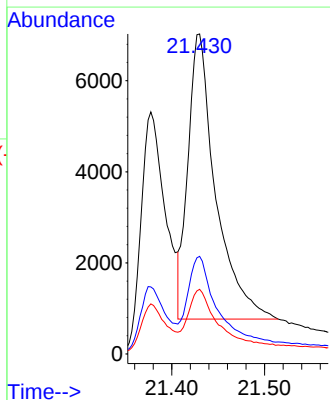
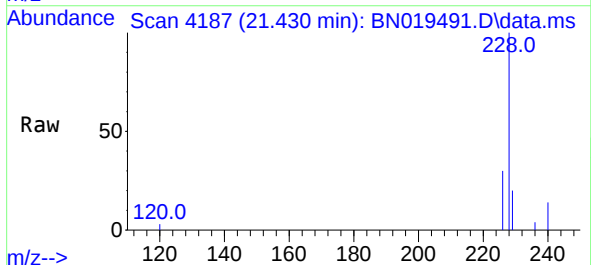
Manual Integrations
APPROVED

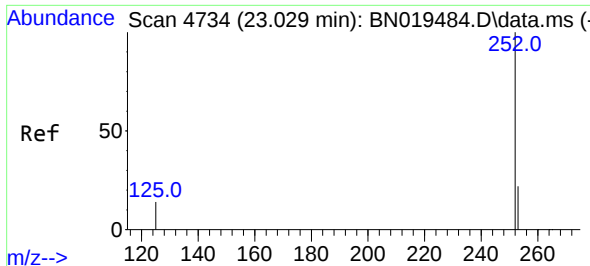
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#22
Chrysene
Concen: 0.393 ng/u1
RT: 21.430 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

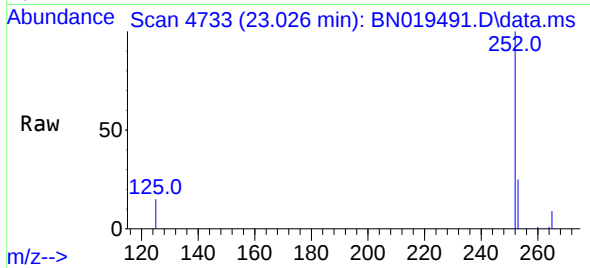
Tgt Ion:228 Resp: 13019
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul m
RT: 23.026 min Scan# 4748
Delta R.T. -0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

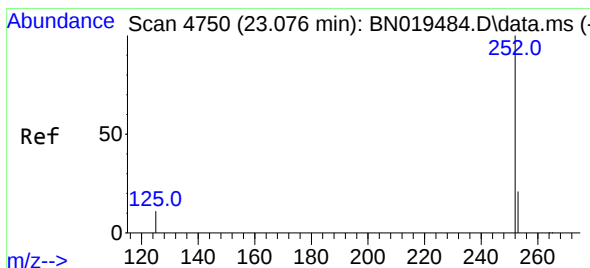
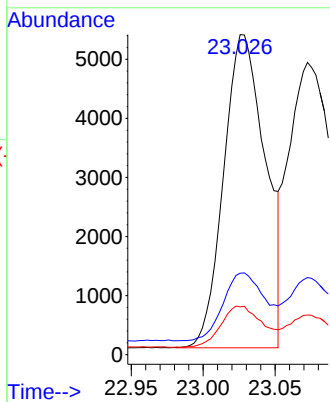
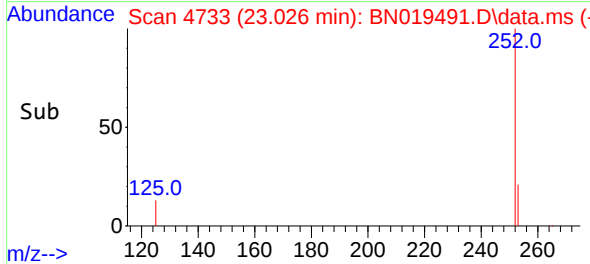
Instrument :
BNA_N
ClientSampleId :
SLCS173



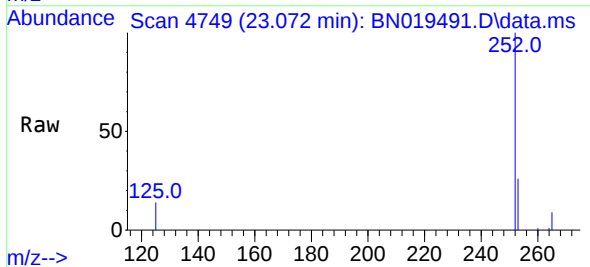
Tgt Ion:252 Resp: 10708
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.0
125 14.9 0.0 40.2

Manual Integrations
APPROVED

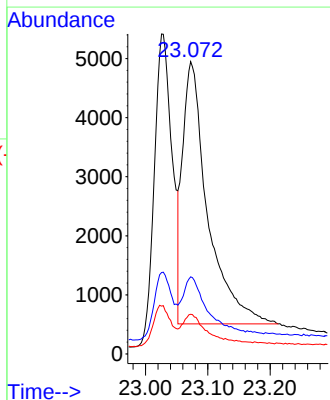
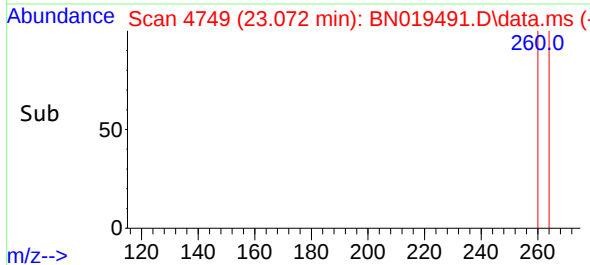
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

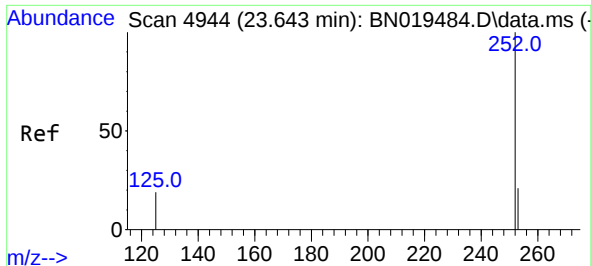


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul
RT: 23.072 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08



Tgt Ion:252 Resp: 12415
Ion Ratio Lower Upper
252 100
253 26.4 20.2 30.2
125 13.6 11.0 16.6





#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.640 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

Instrument :

BNA_N

ClientSampleId :

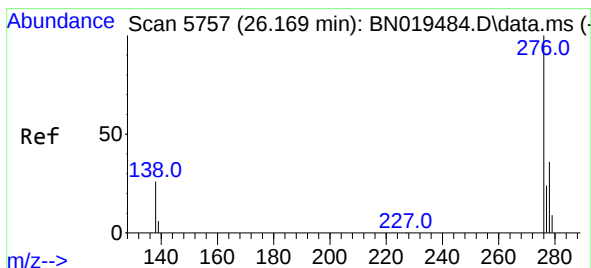
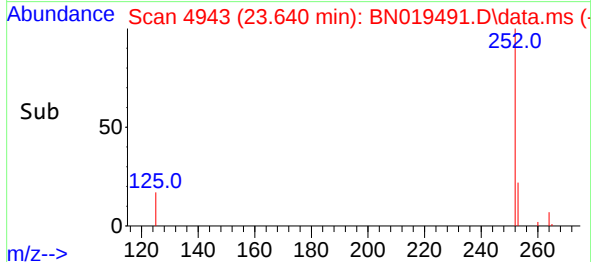
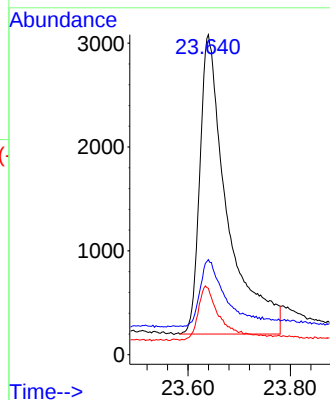
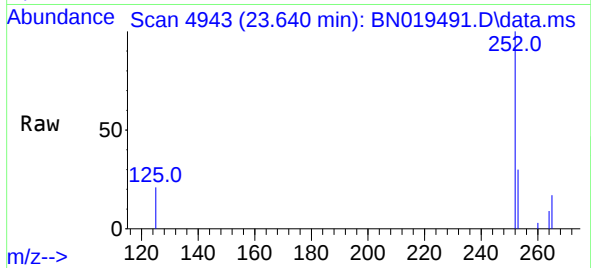
SLCS173

Tgt Ion:252 Resp: 1070
Ion Ratio Lower Upper
252 100
253 29.7 23.4 35.0
125 20.8 28.3 42.5

Manual Integrations

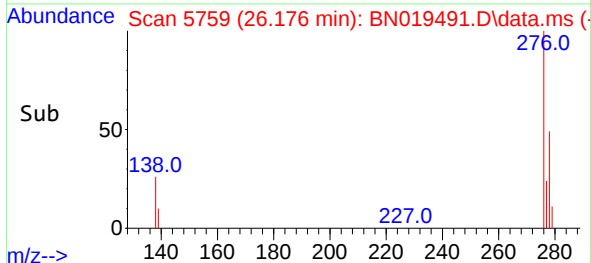
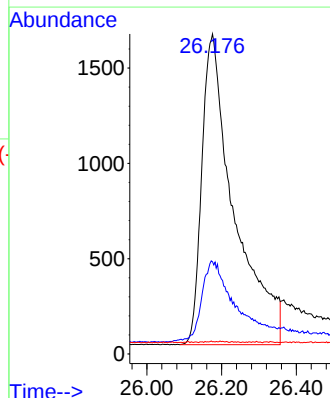
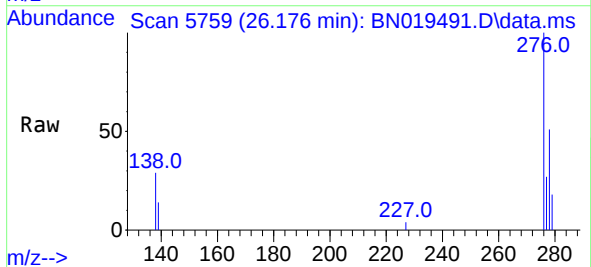
APPROVED

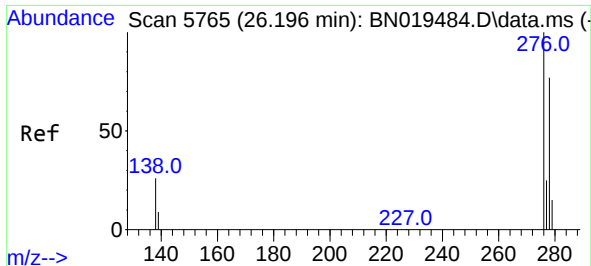
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. 0.003 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

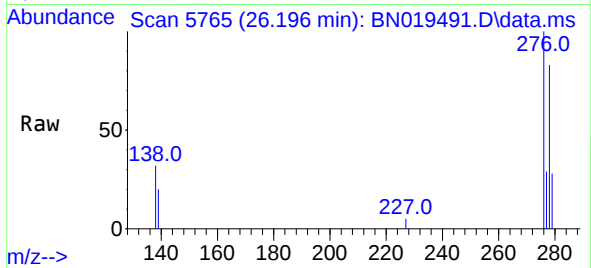
Tgt Ion:276 Resp: 9783
Ion Ratio Lower Upper
276 100
138 26.5 23.6 35.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.404 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08

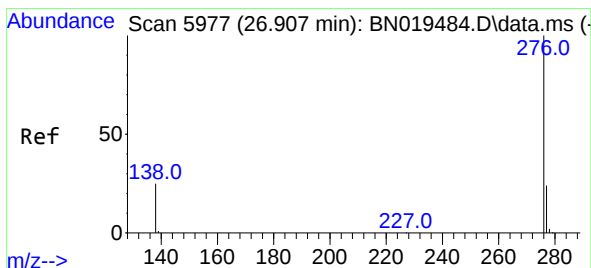
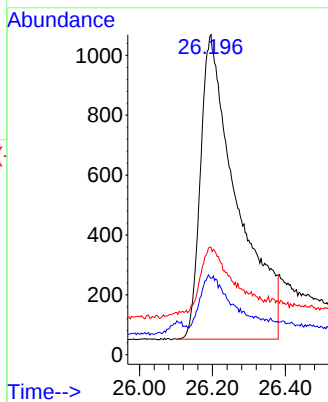
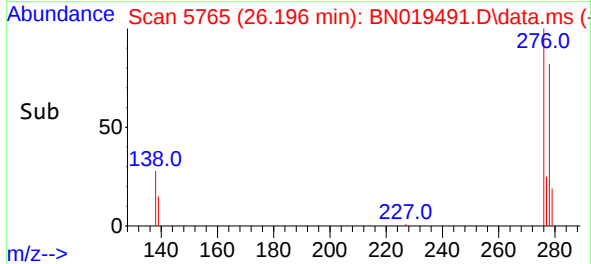
Instrument :
BNA_N
ClientSampleId :
SLCS173



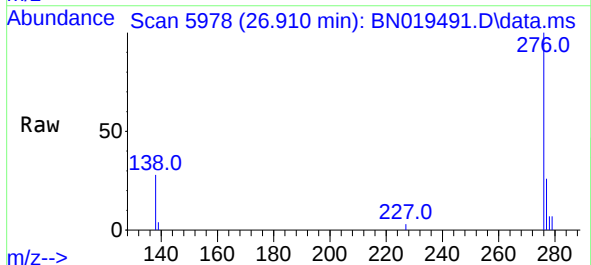
Tgt Ion:278 Resp: 7034
Ion Ratio Lower Upper
278 100
139 23.9 18.6 28.0
279 33.6 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. 0.000 min
Lab File: BN019491.D
Acq: 18 Apr 2022 23:08



Tgt Ion:276 Resp: 10587
Ion Ratio Lower Upper
276 100
138 27.7 20.9 31.3
277 25.7 20.4 30.6

