

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
 Data File : BN019481.D
 Acq On : 18 Apr 2022 16:34
 Operator : CG/JU
 Sample : PB144123BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS123

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 03:15:41 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	5131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	15982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	9235	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	15332	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	9170	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	6019	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	4021	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	7509	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	14815	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.207	88	10637m	1.673	ng/ul	
5) Naphthalene	10.672	128	15126	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	8897	0.315	ng/ul#	100
8) 1-Methylnaphthalene	12.509	142	9570	0.314	ng/ul#	100
10) Acenaphthylene	14.178	152	12282	0.361	ng/ul	100
11) Acenaphthene	14.520	153	10844	0.323	ng/ul	99
12) Fluorene	15.510	166	11363	0.330	ng/ul	99
14) Pentachlorophenol	16.866	266	1116	0.546	ng/ul	91
15) Phenanthrene	17.242	178	17299	0.331	ng/ul	99
16) Anthracene	17.339	178	12539	0.334	ng/ul	99
19) Fluoranthene	19.262	202	18651	0.366	ng/ul	98
20) Pyrene	19.624	202	19891	0.361	ng/ul	98
21) Benzo(a)anthracene	21.378	228	9448	0.361	ng/ul	100
22) Chrysene	21.428	228	12868	0.378	ng/ul	100
24) Benzo(b)fluoranthene	23.026	252	10615	0.372	ng/ul	94
25) Benzo(k)fluoranthene	23.073	252	12195	0.391	ng/ul	98
26) Benzo(a)pyrene	23.643	252	9925	0.401	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.176	276	9184	0.364	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.196	278	6526	0.389	ng/ul	91
29) Benzo(g,h,i)perylene	26.911	276	10204	0.382	ng/ul	99

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

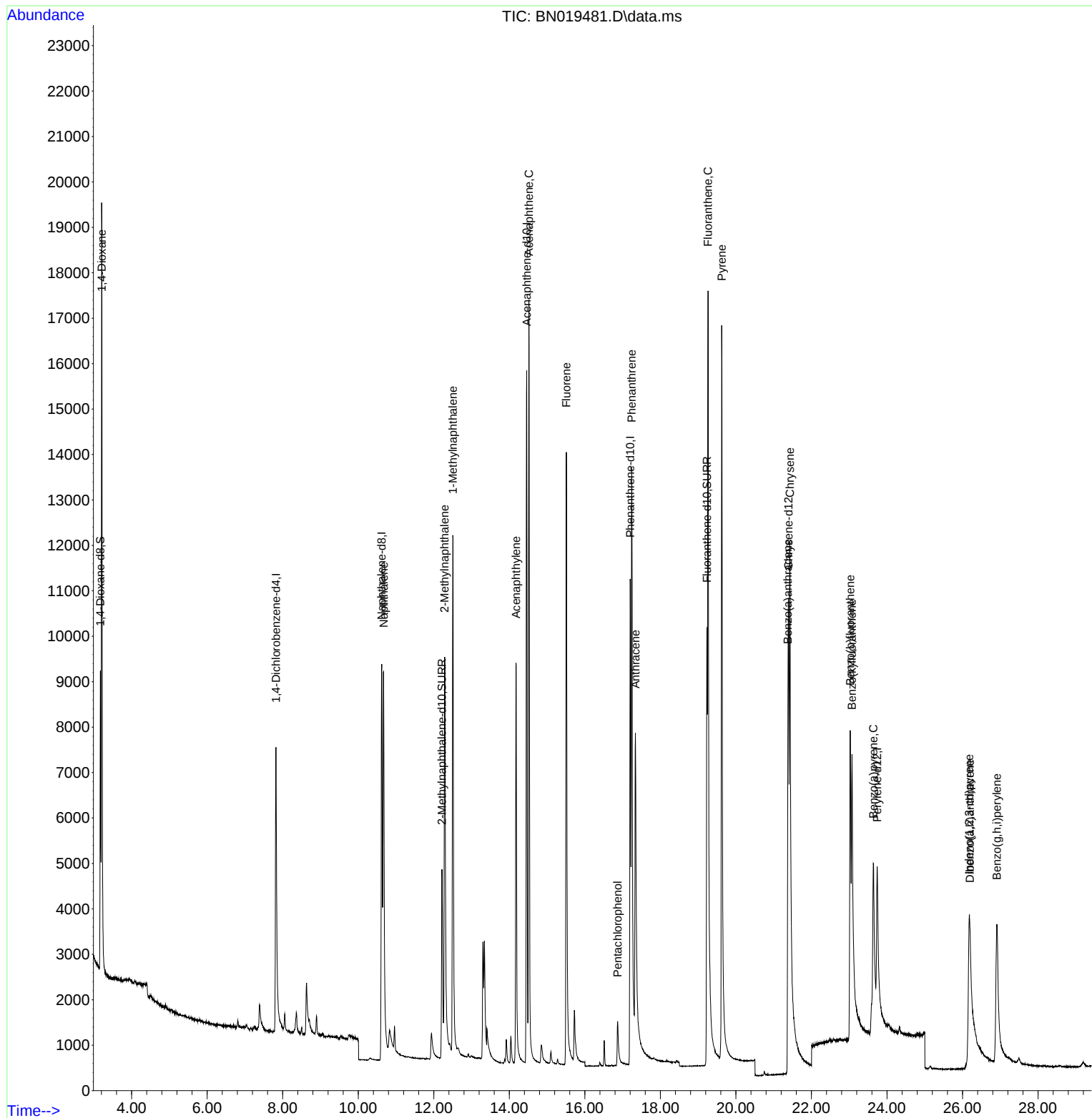
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
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 ALS Vial : 11 Sample Multiplier: 1

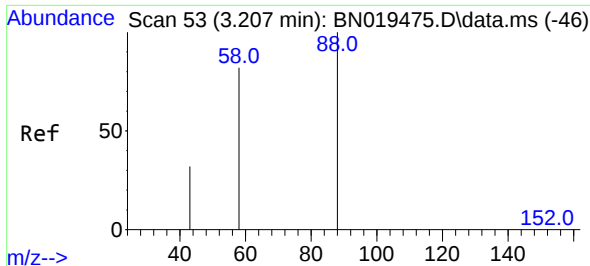
Instrument :
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 Supervised By :Yogesh Patel 04/25/2022

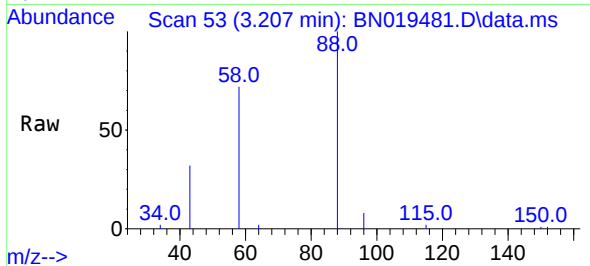
Quant Time: Apr 19 03:15:41 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#2
1,4-Dioxane
Concen: 1.673 ng/ul m
RT: 3.207 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

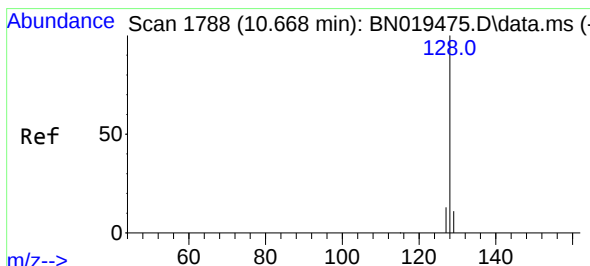
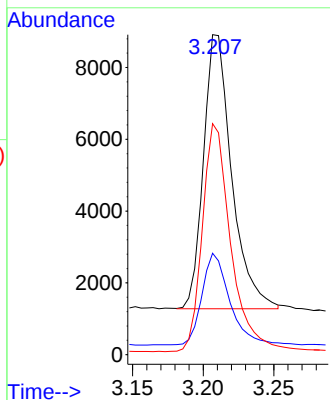
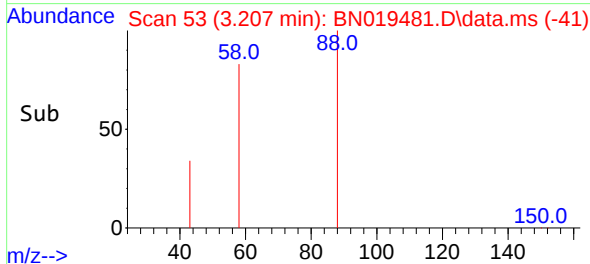
Instrument :
BNA_N
ClientSampleId :
SLCS123



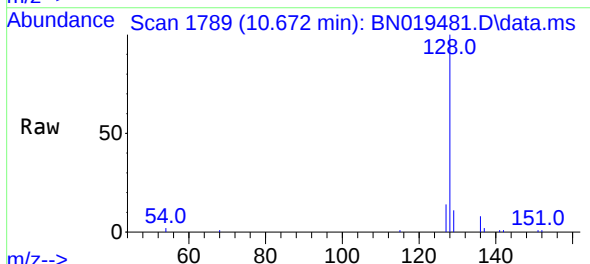
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Ion Ratio Lower Upper
88 100
43 31.7 39.0 58.4
58 72.2 39.8 59.8

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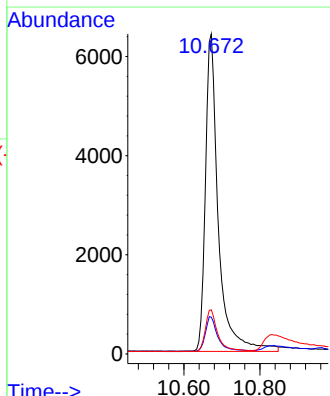
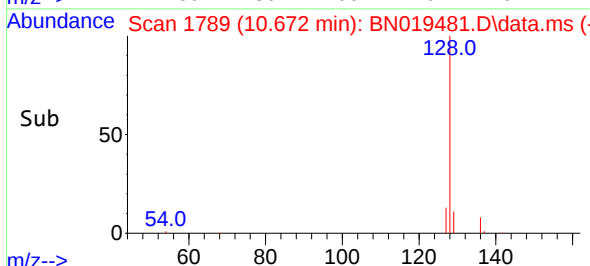
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

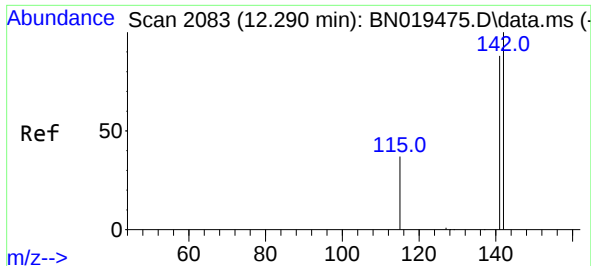


#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. 0.004 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



Tgt Ion:128 Resp: 15126
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.8 11.0 16.4





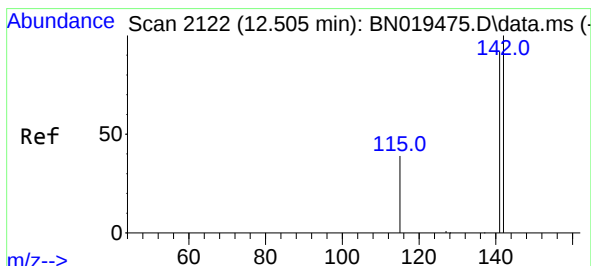
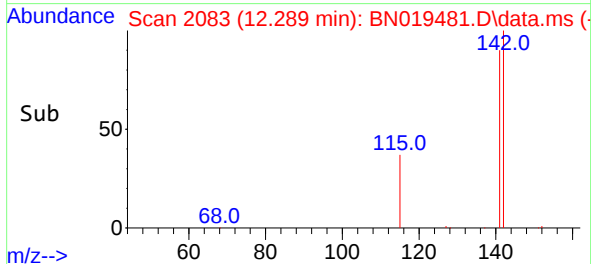
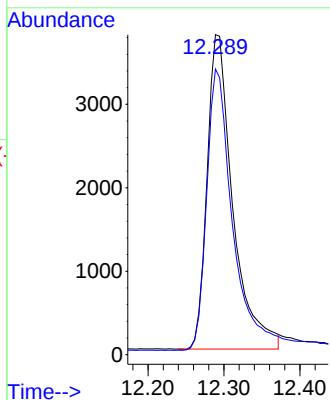
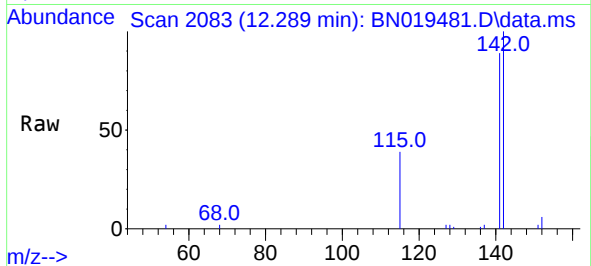
#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.289 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:142 Resp: 889
Ion Ratio Lower Upper
142 100
141 89.7 0.0 0.0

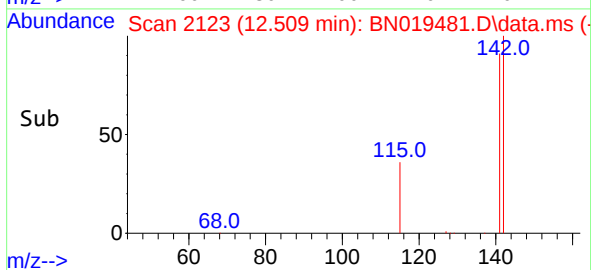
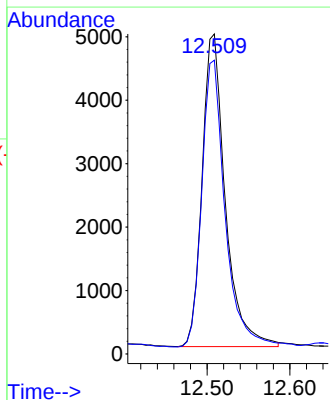
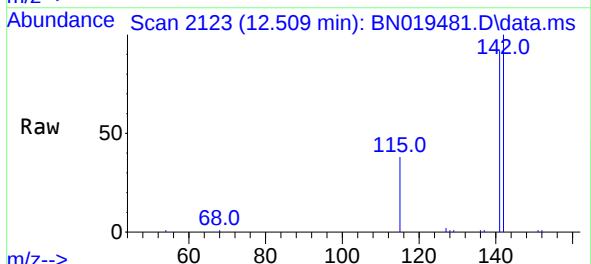
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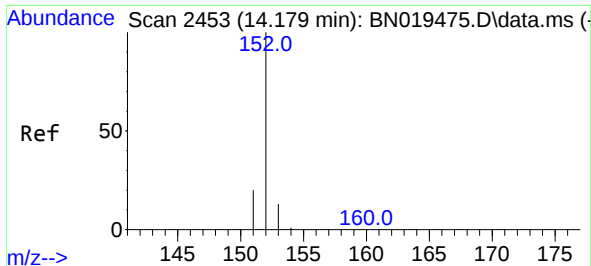
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.509 min Scan# 2123
Delta R.T. 0.004 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

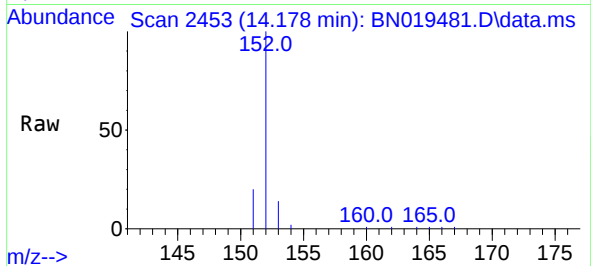
Tgt Ion:142 Resp: 9570
Ion Ratio Lower Upper
142 100
141 92.0 0.0 0.0





#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

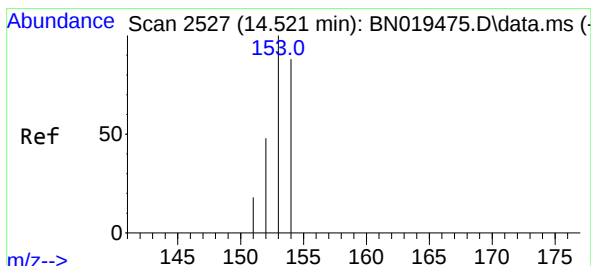
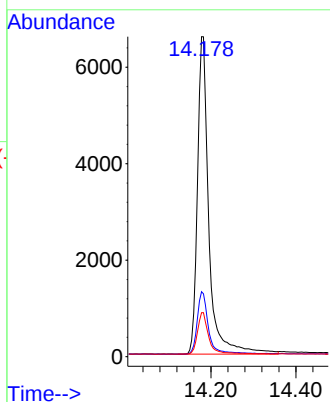
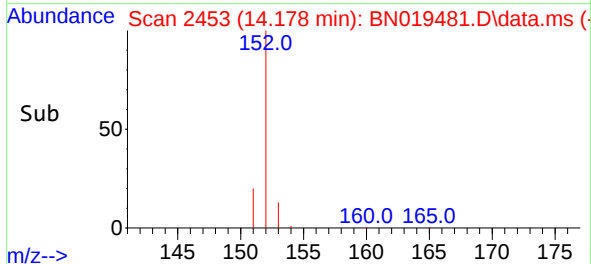
Instrument :
BNA_N
ClientSampleId :
SLCS123



Tgt Ion:152 Resp: 1228
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.7 11.1 16.7

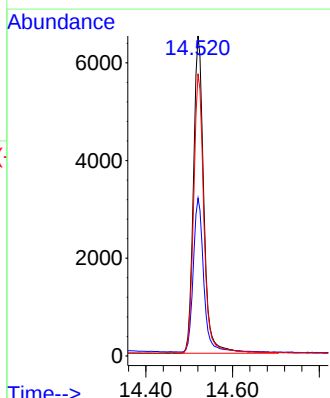
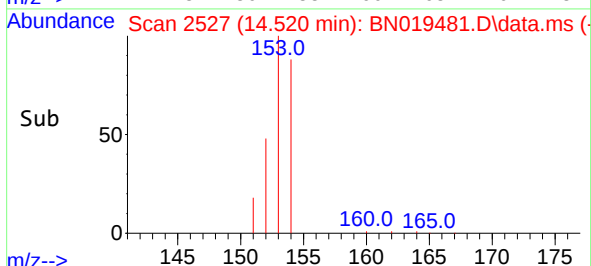
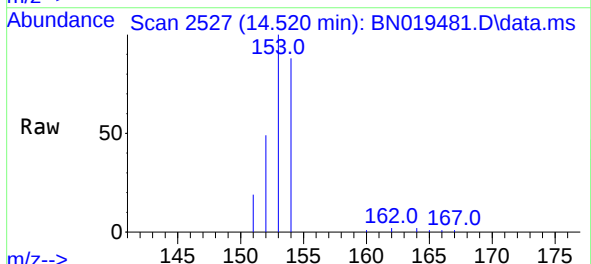
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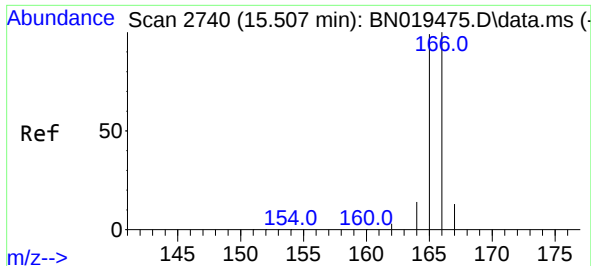
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

Tgt Ion:153 Resp: 10844
Ion Ratio Lower Upper
153 100
152 49.3 38.6 57.8
154 88.2 71.2 106.8





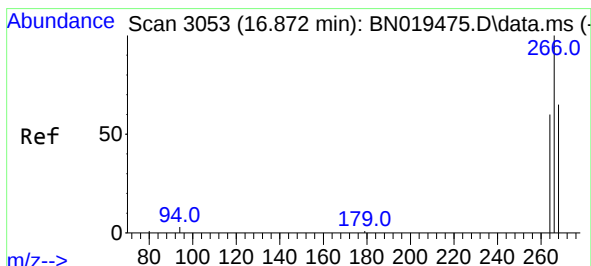
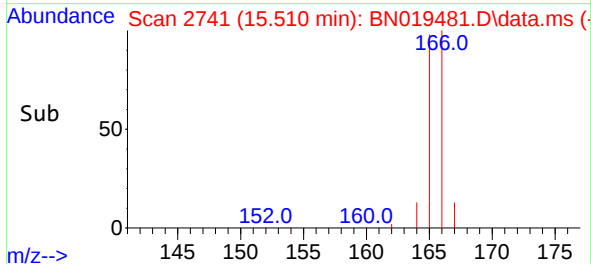
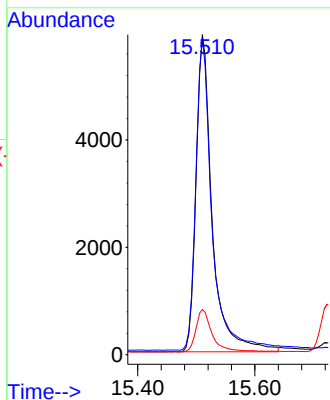
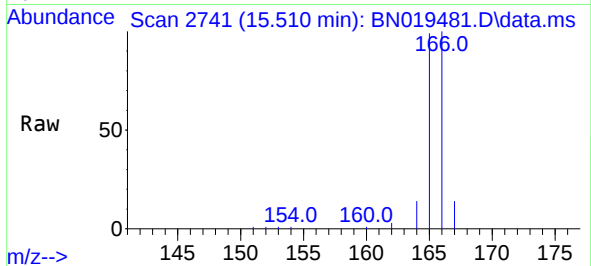
#12
Fluorene
Concen: 0.330 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:166 Resp: 1136
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 14.1 11.3 16.9

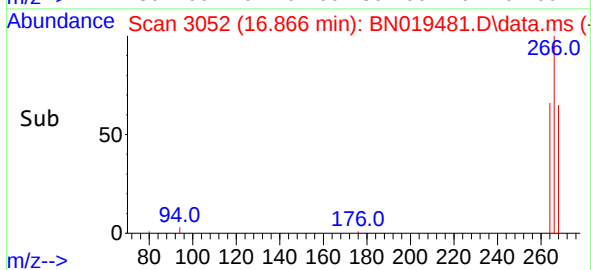
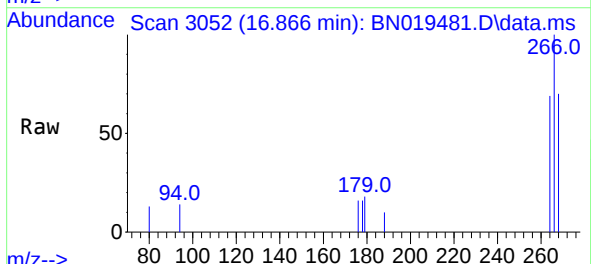
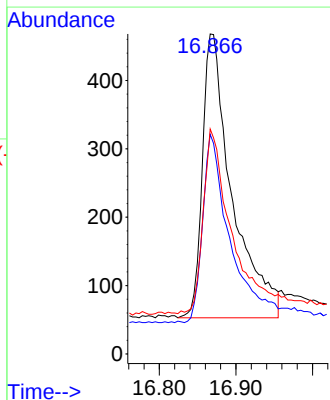
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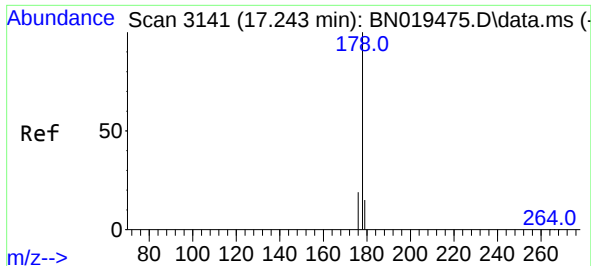
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#14
Pentachlorophenol
Concen: 0.546 ng/ul
RT: 16.866 min Scan# 3052
Delta R.T. -0.005 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

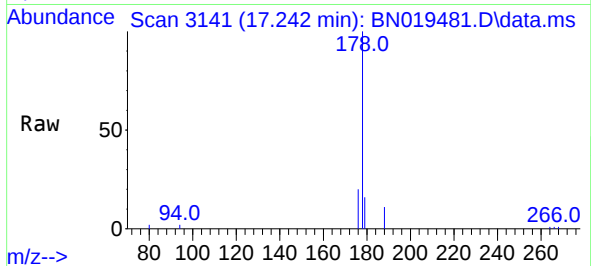
Tgt Ion:266 Resp: 1116
Ion Ratio Lower Upper
266 100
264 62.1 44.9 67.3
268 63.0 44.6 67.0





#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.242 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

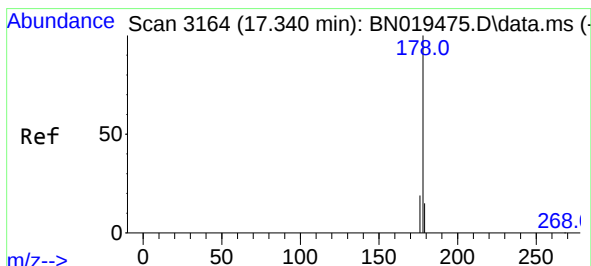
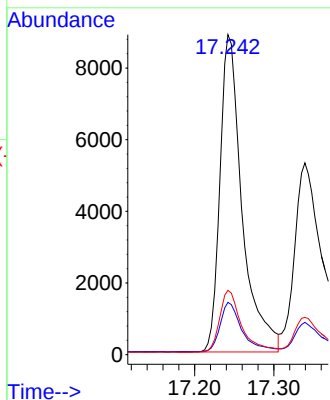
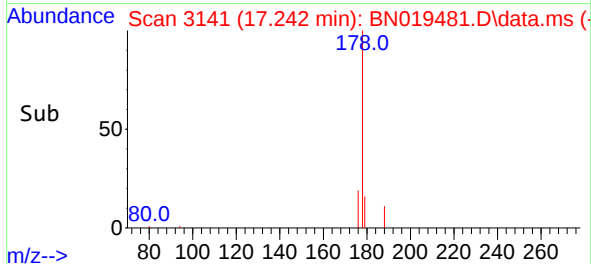
Instrument :
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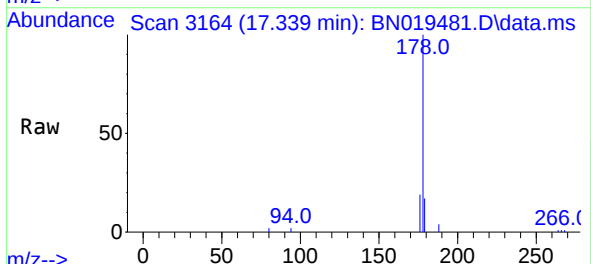
Tgt Ion:178 Resp: 17299
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.1 15.5 23.3

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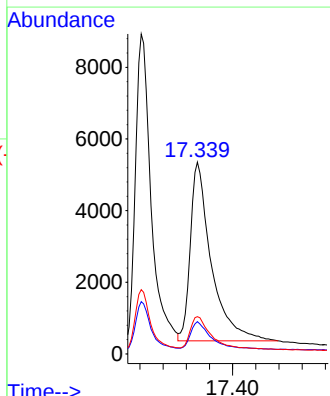
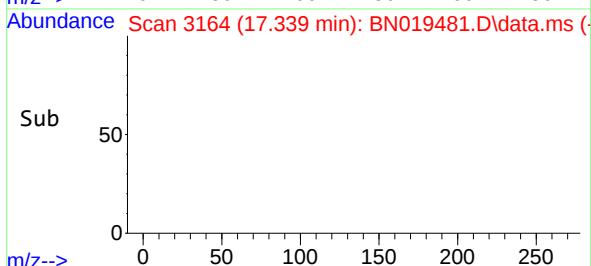
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

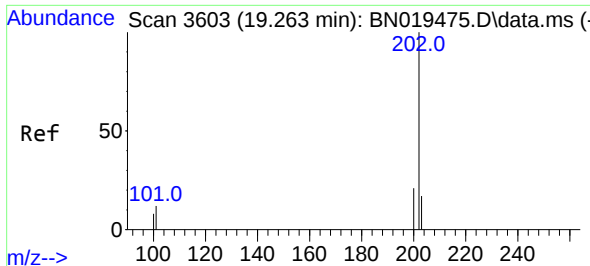


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Anthracene
Concen: 0.334 ng/ul
RT: 17.339 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



Tgt Ion:178 Resp: 12539
Ion Ratio Lower Upper
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179 16.8 13.1 19.7
176 19.5 15.3 22.9





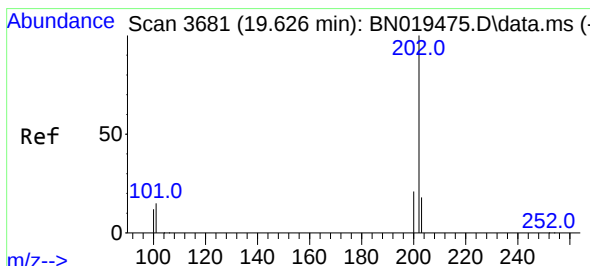
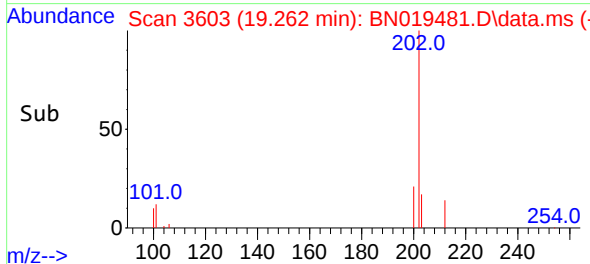
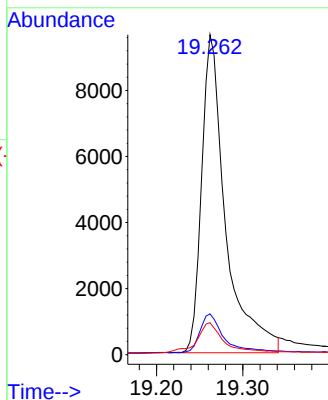
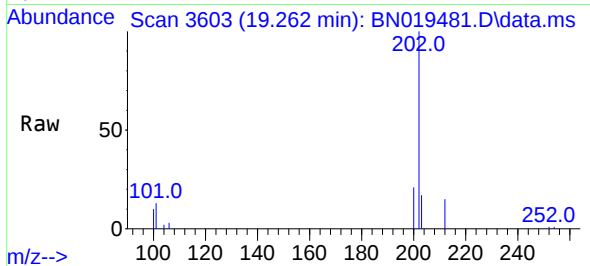
#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.262 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

Instrument :
BNA_N
ClientSampleId :
SLCS123

Tgt Ion:202 Resp: 1865
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 10.0 7.4 11.2

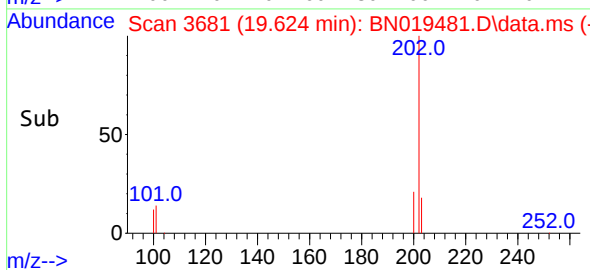
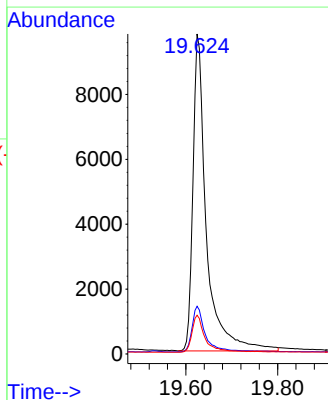
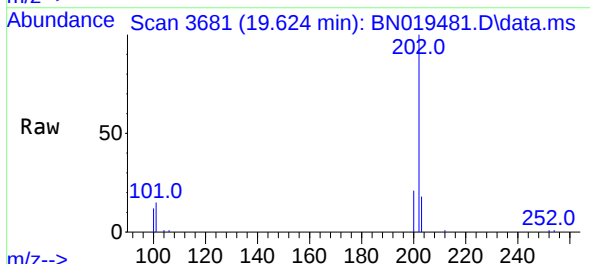
Manual Integrations
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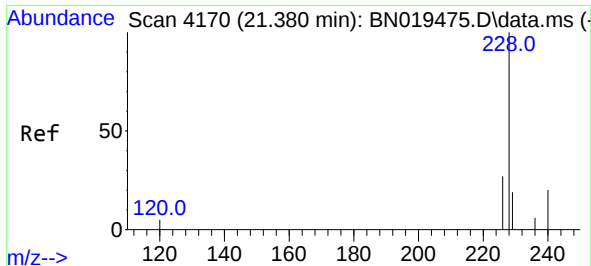
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022



#20
Pyrene
Concen: 0.361 ng/u1
RT: 19.624 min Scan# 3681
Delta R.T. -0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

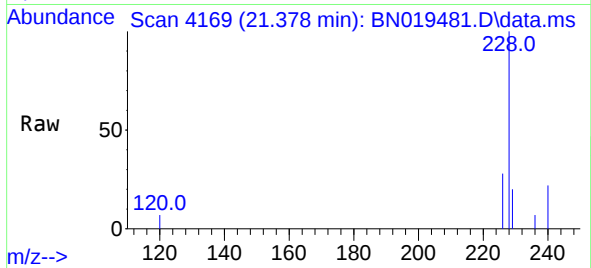
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Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 12.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.361 ng/u1
RT: 21.378 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

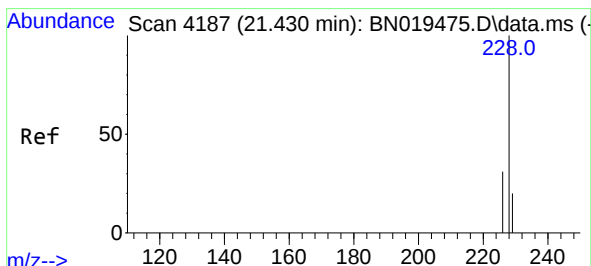
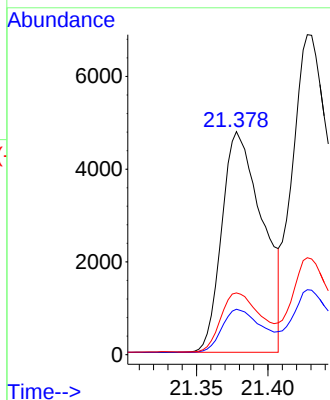
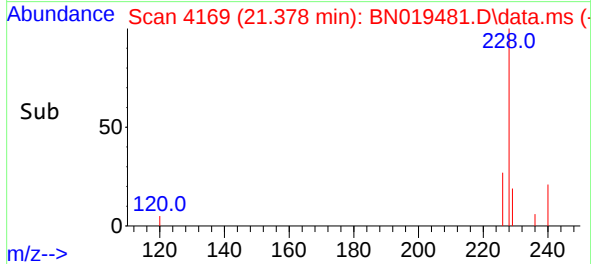
Instrument :
BNA_N
ClientSampleId :
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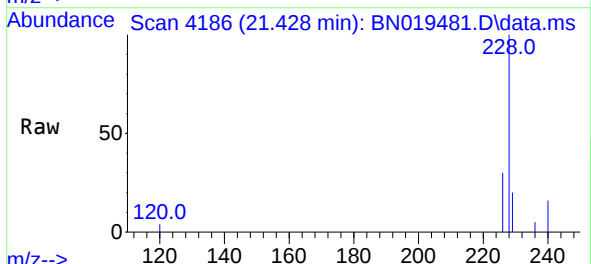
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Ion Ratio Lower Upper
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229 20.4 16.1 24.1
226 27.7 22.1 33.1

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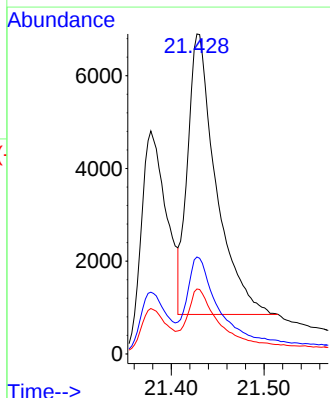
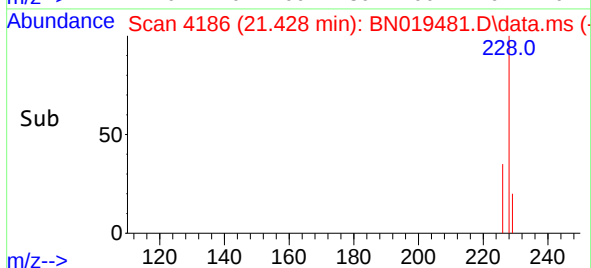
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

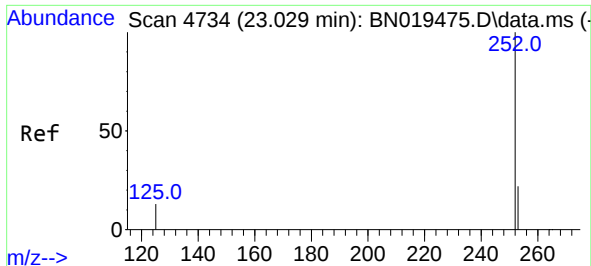


#22
Chrysene
Concen: 0.378 ng/u1
RT: 21.428 min Scan# 4186
Delta R.T. -0.002 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



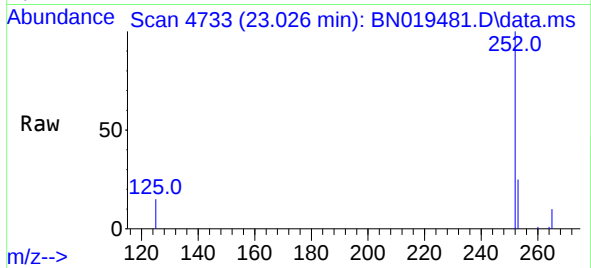
Tgt Ion:228 Resp: 12868
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 20.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.026 min Scan# 4733
Delta R.T. -0.002 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

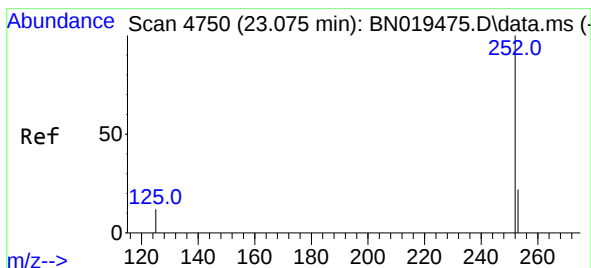
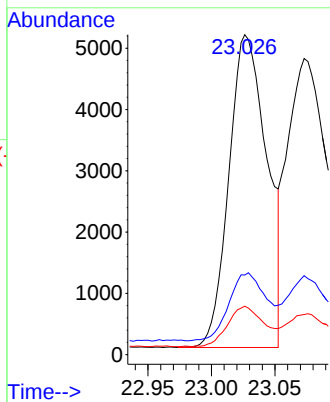
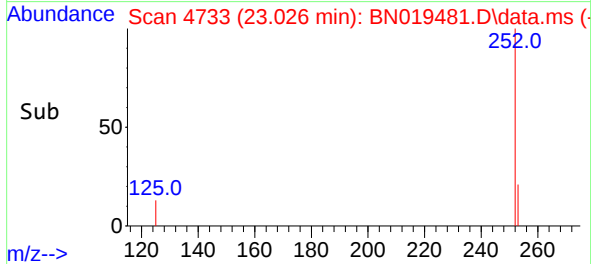
Instrument :
BNA_N
ClientSampleId :
SLCS123



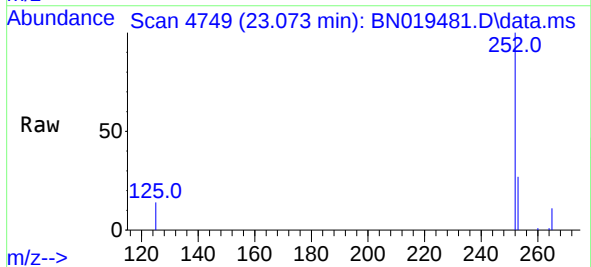
Tgt Ion:252 Resp: 10615
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.0
125 15.1 0.0 40.2

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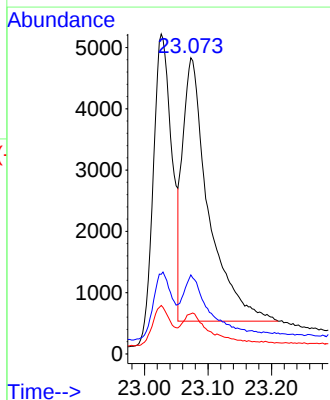
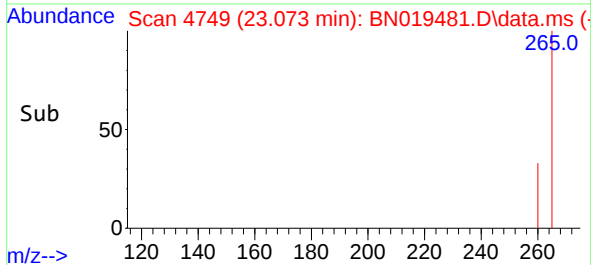
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

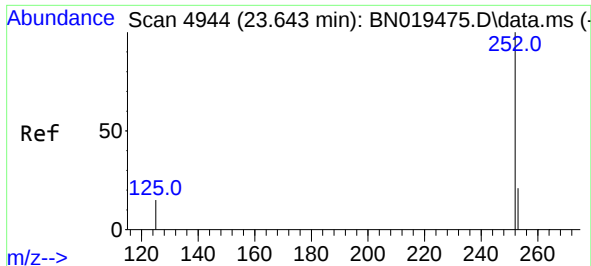


#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.073 min Scan# 4749
Delta R.T. -0.002 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



Tgt Ion:252 Resp: 12195
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.2
125 13.6 11.0 16.6





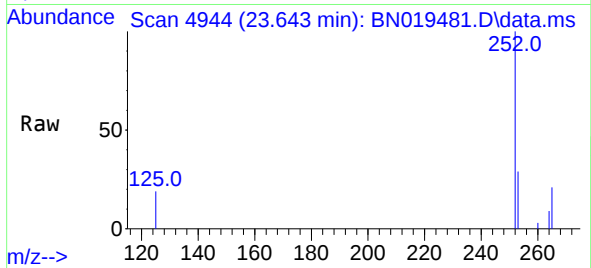
#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.643 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

Instrument :

BNA_N

ClientSampleId :

SLCS123

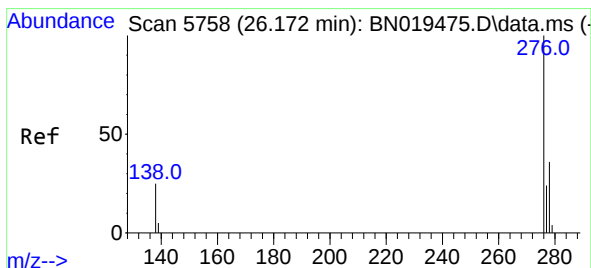
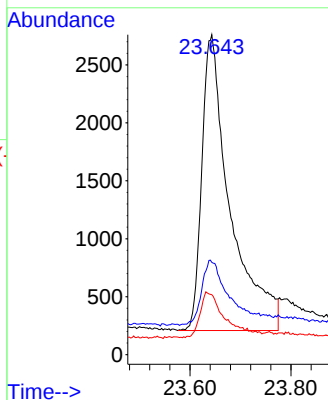
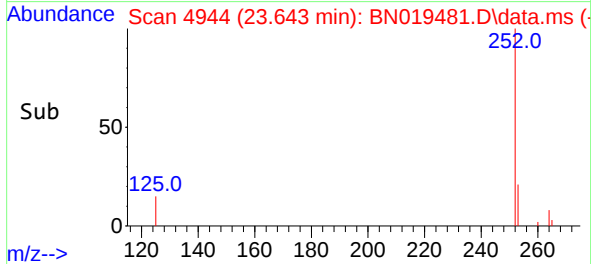


Tgt Ion:252 Resp: 992
Ion Ratio Lower Upper
252 100
253 28.8 23.4 35.0
125 18.7 28.3 42.5

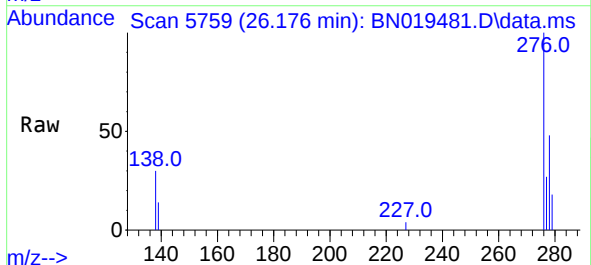
Manual Integrations

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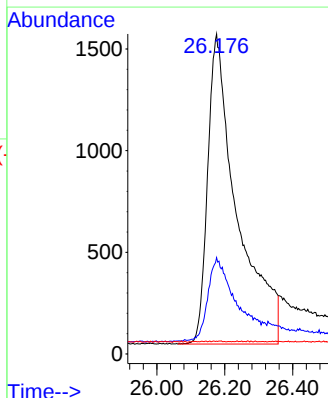
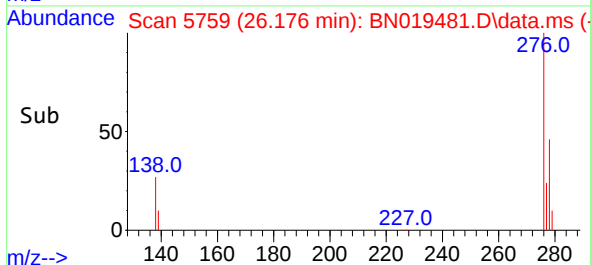
Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

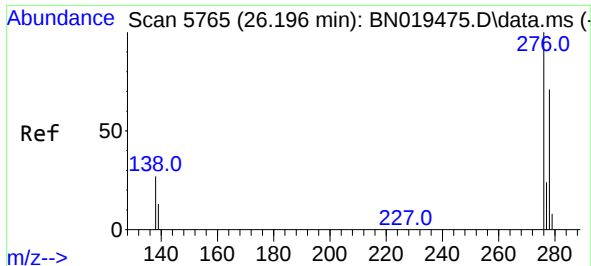


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. 0.004 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



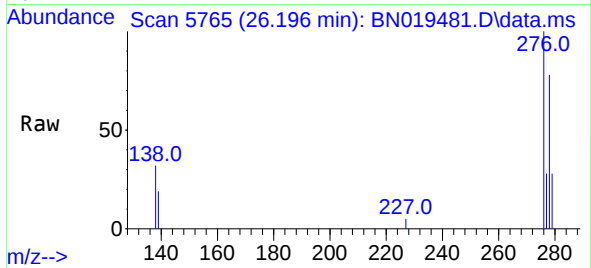
Tgt Ion:276 Resp: 9184
Ion Ratio Lower Upper
276 100
138 27.4 23.6 35.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.196 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34

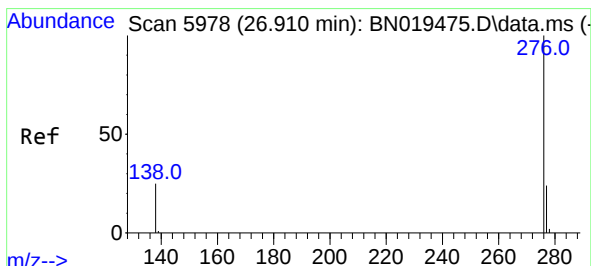
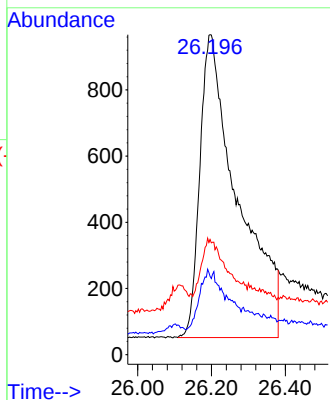
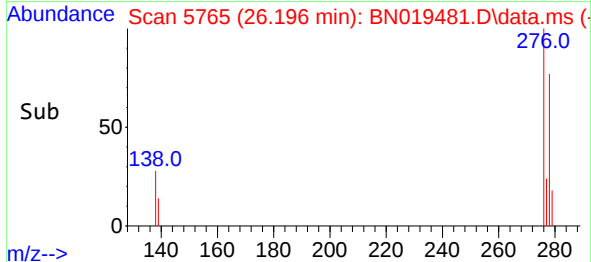
Instrument :
BNA_N
ClientSampleId :
SLCS123



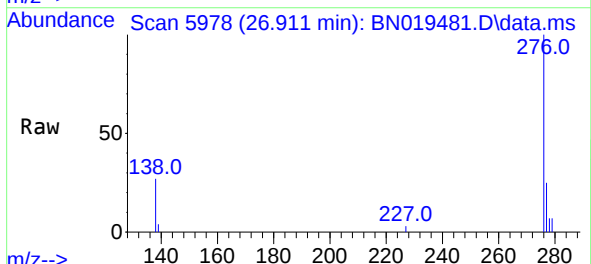
Tgt Ion:278 Resp: 6520
Ion Ratio Lower Upper
278 100
139 24.5 18.6 28.0
279 36.0 35.1 52.7

Manual Integrations
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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: 26.911 min Scan# 5978
Delta R.T. 0.001 min
Lab File: BN019481.D
Acq: 18 Apr 2022 16:34



Tgt Ion:276 Resp: 10204
Ion Ratio Lower Upper
276 100
138 27.1 20.9 31.3
277 25.4 20.4 30.6

