

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022122\
 Data File : BN018665.D
 Acq On : 21 Feb 2022 15:40
 Operator : CG/JU
 Sample : N1486-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3948

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
 Supervised By :mohammad ahmed 02/22/2022

Quant Time: Feb 21 16:08:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6067	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	16241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.548	164	9093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.289	188	20236	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	17279	0.400	ng/ul	# 0.00
23) Perylene-d12	23.864	264	13469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	2591	0.376	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.310	152	5334	0.240	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	19160	0.371	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	10525	0.229	ng/ul	100
7) 2-Methylnaphthalene	12.382	142	6648	0.224	ng/ul	99
10) Acenaphthylene	14.266	152	20982	0.512	ng/ul	99
12) Fluorene	15.594	166	10481	0.297	ng/ul	98
14) Pentachlorophenol	16.938	266	1612	0.390	ng/ul	99
15) Phenanthrene	17.327	178	39319	0.591	ng/ul	100
16) Anthracene	17.420	178	12701	0.214	ng/ul	98
19) Fluoranthene	19.341	202	37574	0.518	ng/ul#	92
20) Pyrene	19.704	202	43033	0.575	ng/ul#	93
21) Benzo(a)anthracene	21.452	228	53219	0.795	ng/ul	100
22) Chrysene	21.505	228	29670	0.426	ng/ul	100
24) Benzo(b)fluoranthene	23.133	252	20940m	0.350	ng/ul	
25) Benzo(k)fluoranthene	23.182	252	34328	0.574	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.349	276	24149	0.359	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.369	278	21053	0.399	ng/ul#	93
29) Benzo(g,h,i)perylene	27.120	276	31146	0.540	ng/ul#	93

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

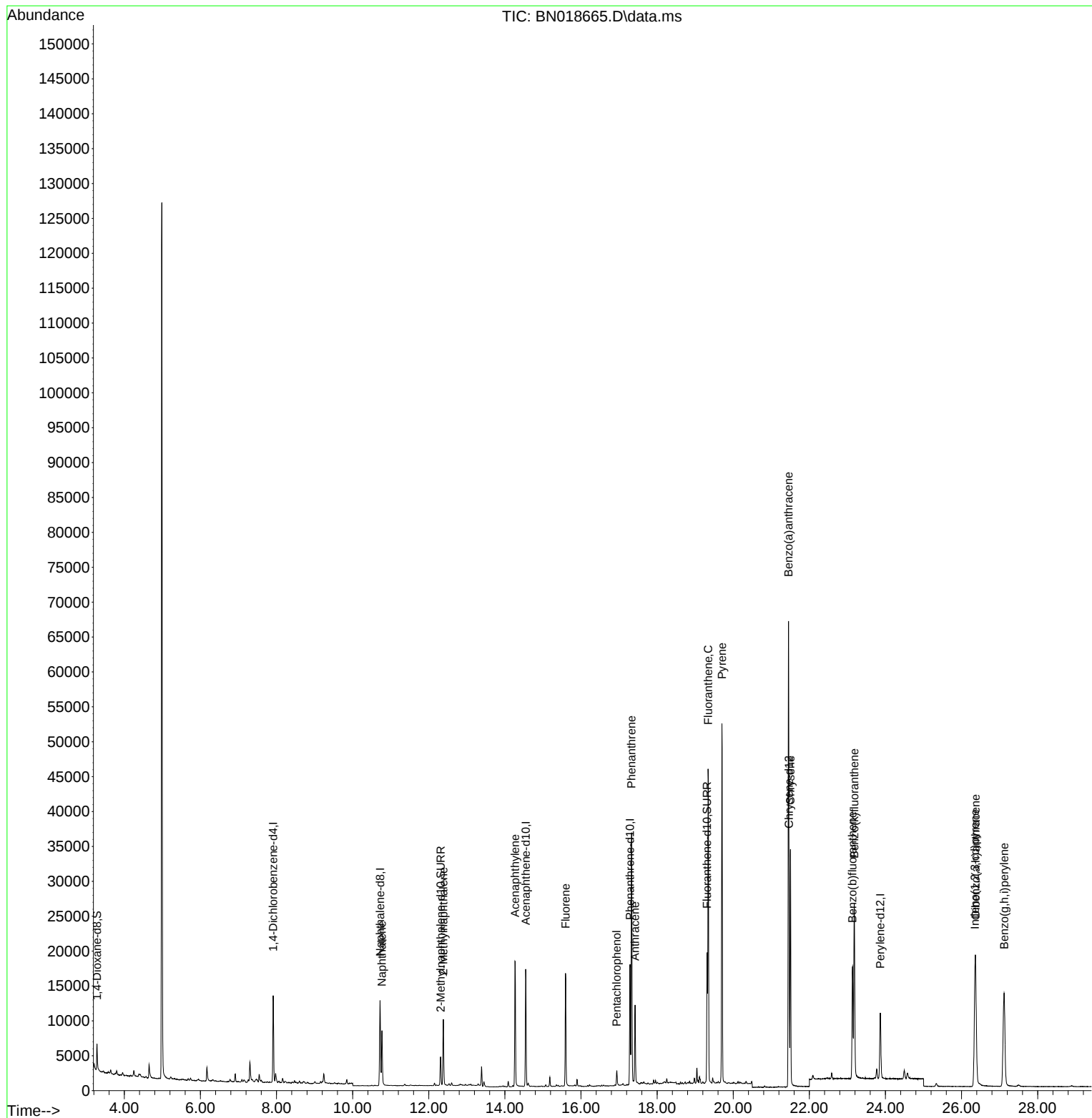
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022122\
Data File : BN018665.D
Acq On : 21 Feb 2022 15:40
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ALS Vial : 5 Sample Multiplier: 1

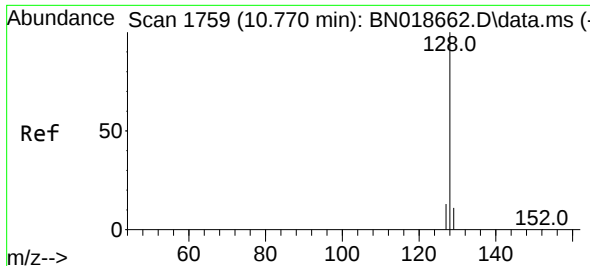
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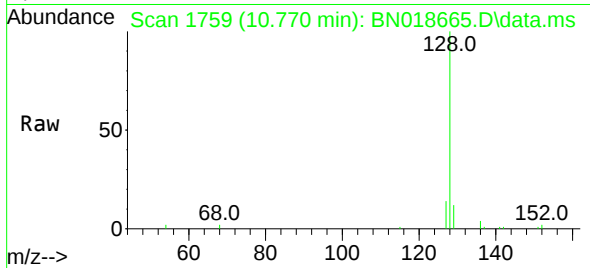
Quant Time: Feb 21 16:08:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

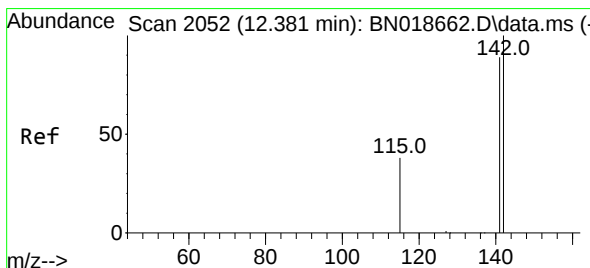
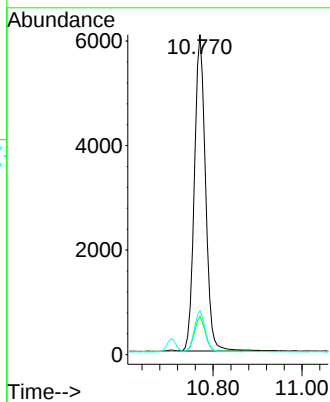
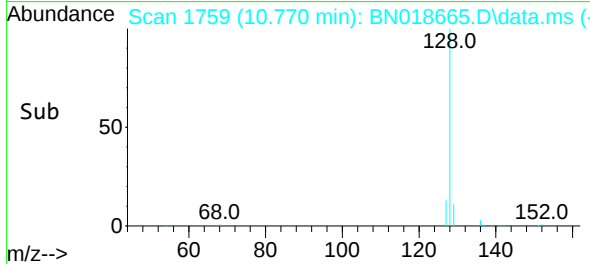
Instrument :
BNA_N
ClientSampleId :
X3948



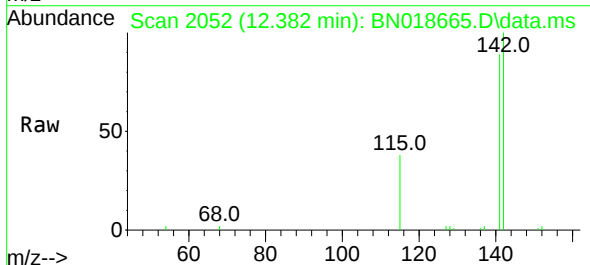
Tgt Ion:128 Resp: 1052
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.8 11.0 16.6

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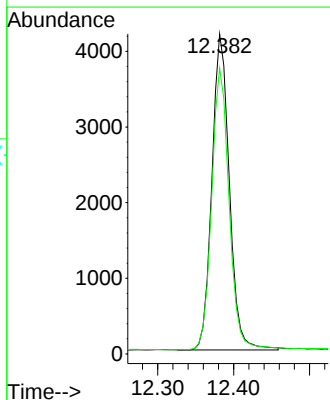
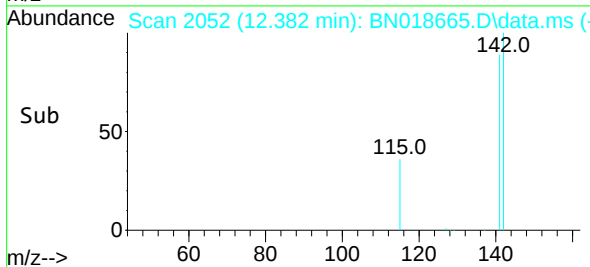
Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022

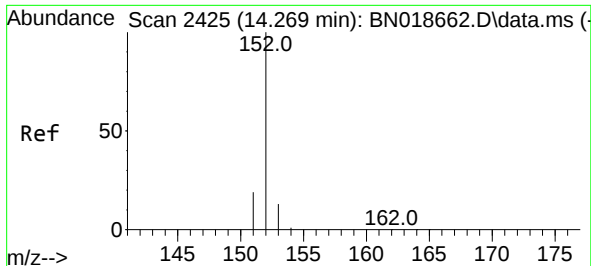


#7
2-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.382 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40



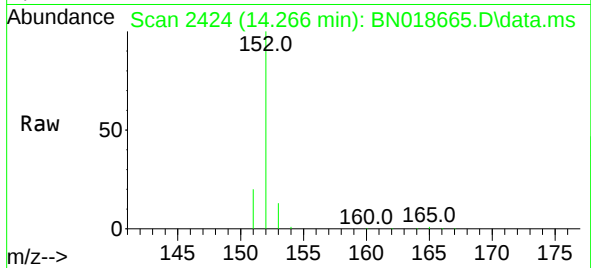
Tgt Ion:142 Resp: 6648
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3





#10
Acenaphthylene
Concen: 0.512 ng/ul
RT: 14.266 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

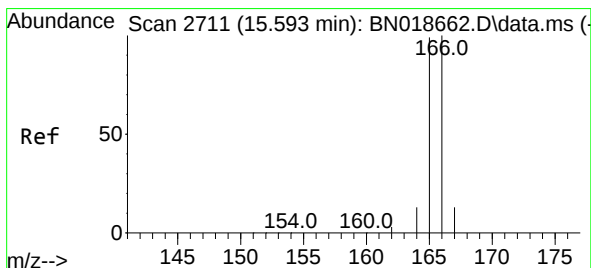
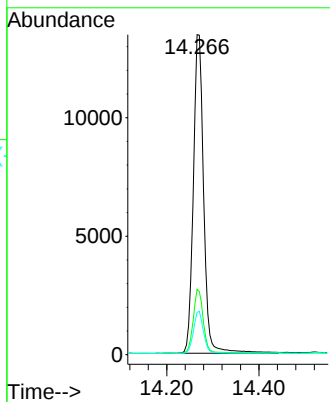
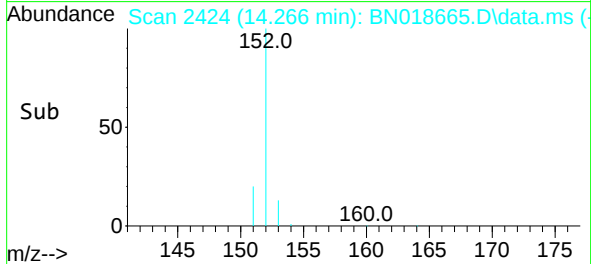
Instrument :
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X3948



Tgt Ion:152 Resp: 2098
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 13.2 10.7 16.1

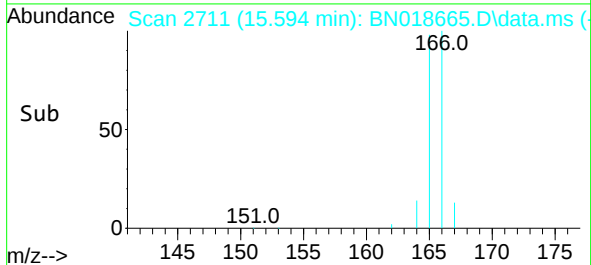
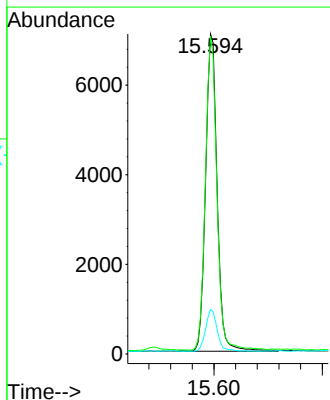
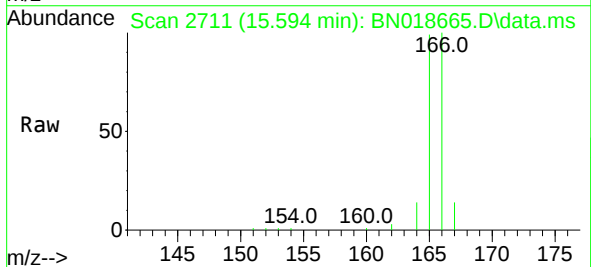
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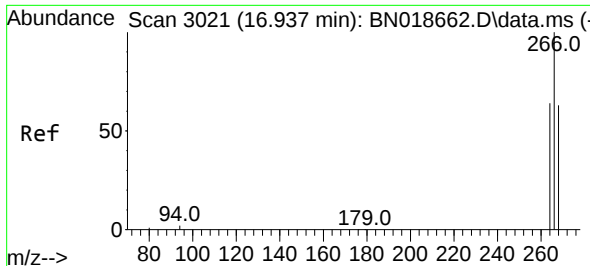
Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022



#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.594 min Scan# 2711
Delta R.T. -0.003 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

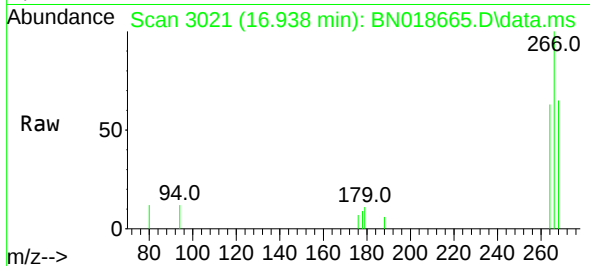
Tgt Ion:166 Resp: 10481
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 13.9 11.6 17.4





#14
Pentachlorophenol
Concen: 0.390 ng/u1
RT: 16.938 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

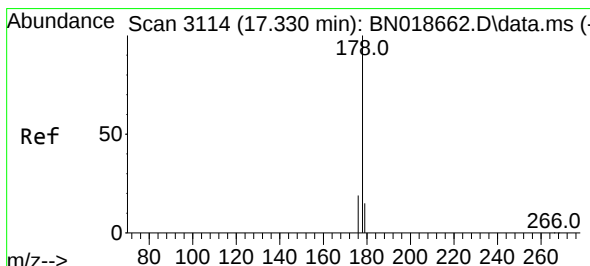
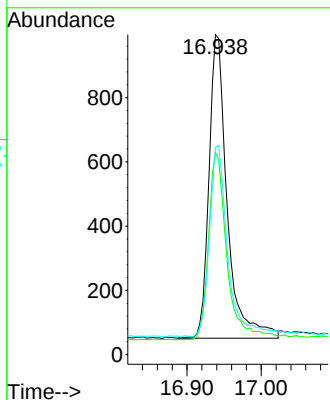
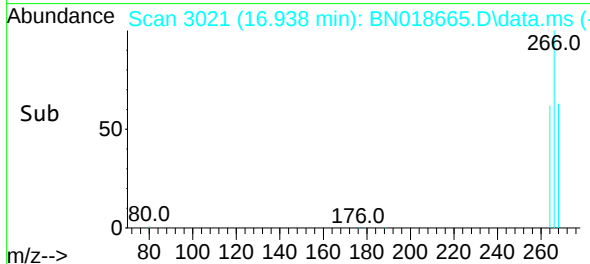
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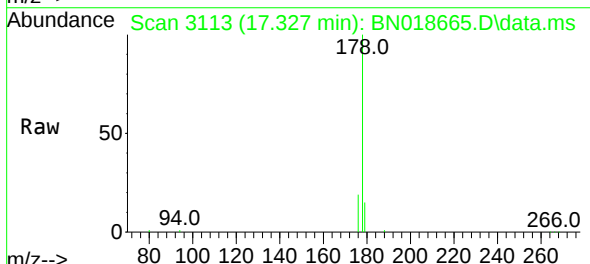
Tgt Ion:266 Resp: 1612
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 63.7 51.7 77.5

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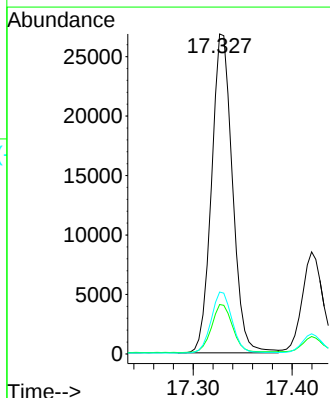
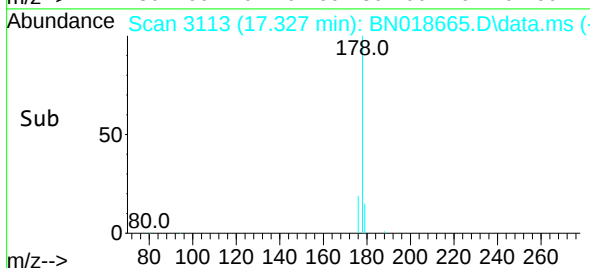
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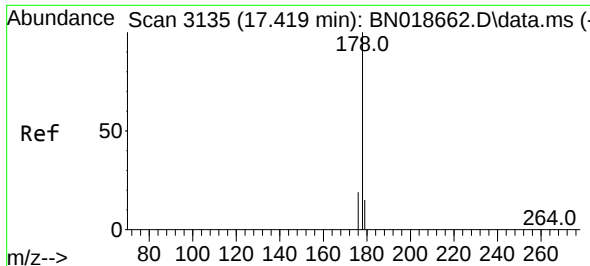


#15
Phenanthrene
Concen: 0.591 ng/u1
RT: 17.327 min Scan# 3113
Delta R.T. -0.002 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40



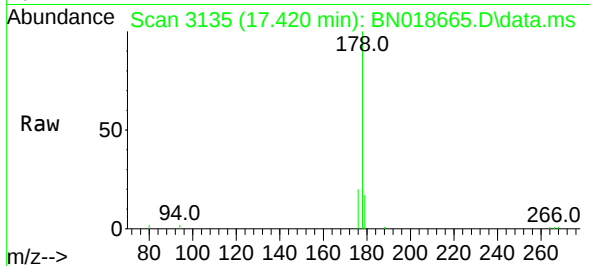
Tgt Ion:178 Resp: 39319
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.4 15.4 23.2





#16
 Anthracene
 Concen: 0.214 ng/ul
 RT: 17.420 min Scan# 3135
 Delta R.T. -0.002 min
 Lab File: BN018665.D
 Acq: 21 Feb 2022 15:40

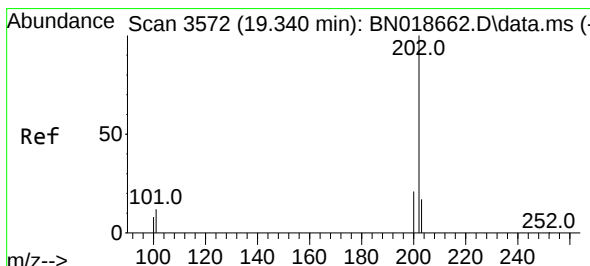
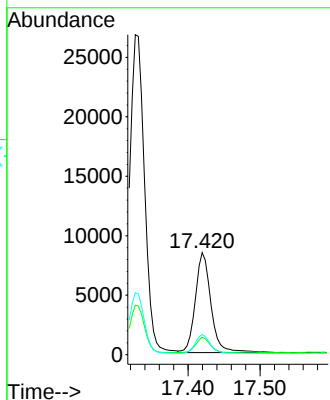
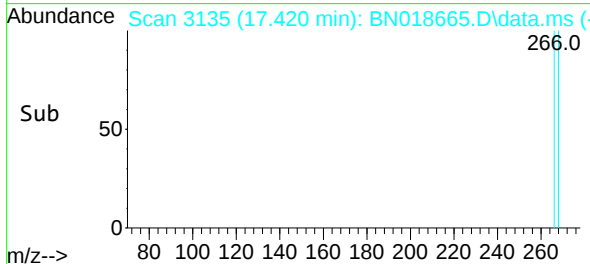
Instrument :
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 ClientSampleId :
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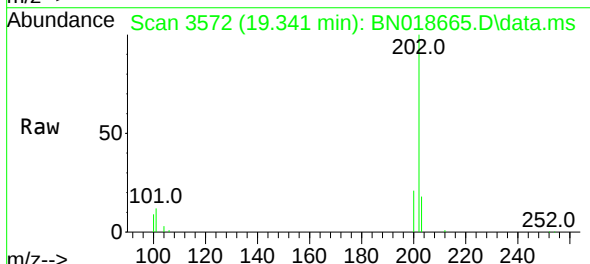
Tgt Ion:178 Resp: 12700
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.3 18.5
 176 19.7 15.5 23.3

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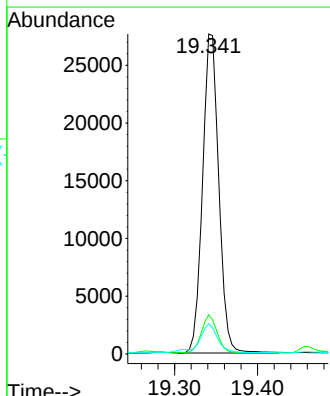
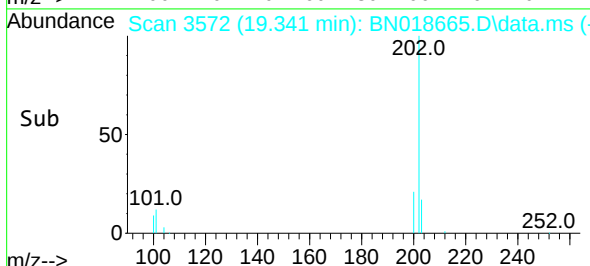
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 Supervised By :mohammad ahmed 02/22/2022

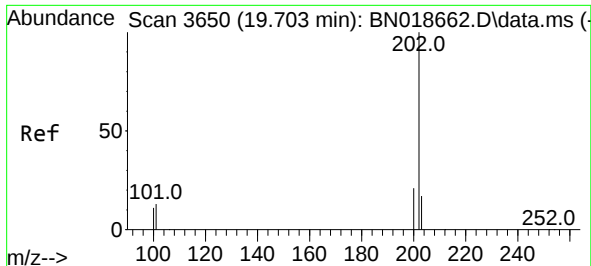


#19
 Fluoranthene
 Concen: 0.518 ng/ul
 RT: 19.341 min Scan# 3572
 Delta R.T. -0.002 min
 Lab File: BN018665.D
 Acq: 21 Feb 2022 15:40



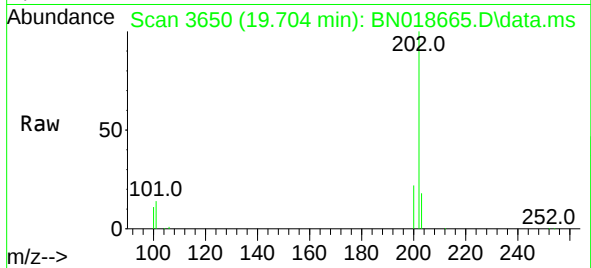
Tgt Ion:202 Resp: 37574
 Ion Ratio Lower Upper
 202 100
 101 12.3 7.5 11.3#
 100 9.5 5.4 8.2#





#20
Pyrene
Concen: 0.575 ng/ul
RT: 19.704 min Scan# 30
Delta R.T. -0.002 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

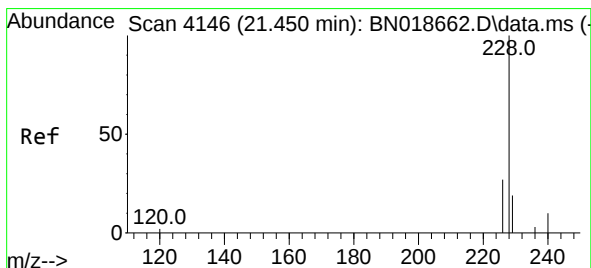
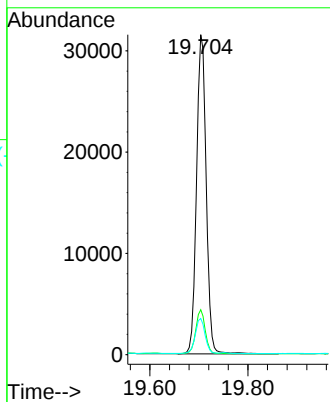
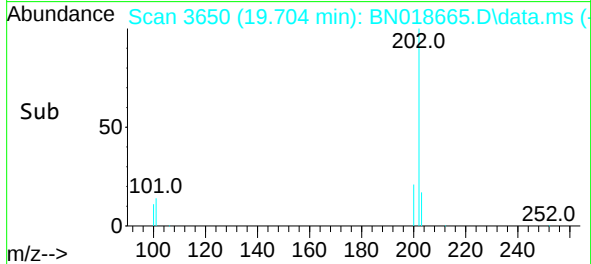
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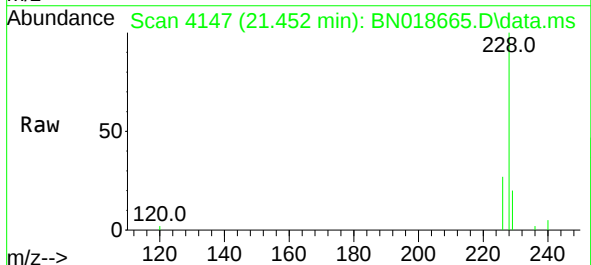
Tgt Ion:202 Resp: 4303
Ion Ratio Lower Upper
202 100
101 14.1 9.0 13.4
100 11.3 7.0 10.4

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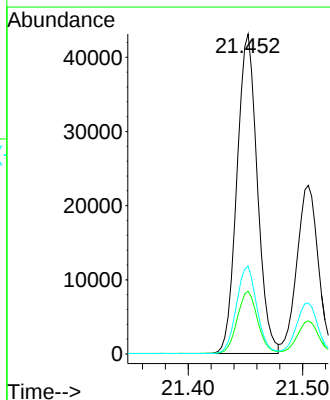
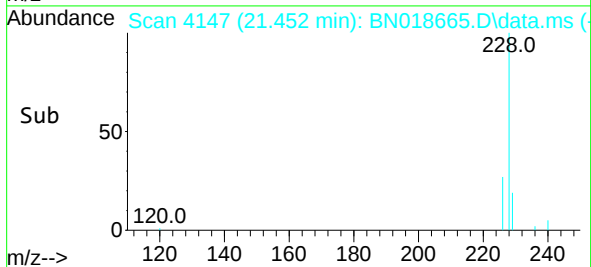
Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022

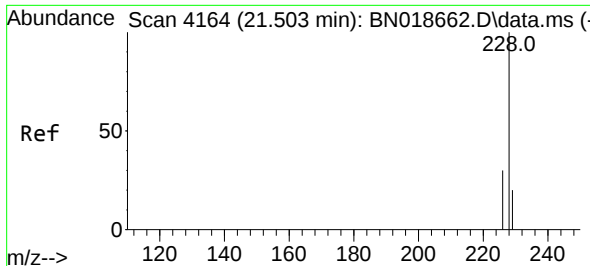


#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.452 min Scan# 4147
Delta R.T. 0.001 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40



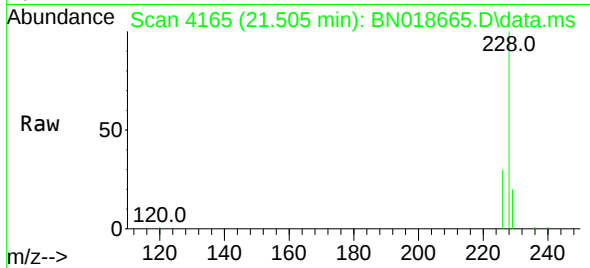
Tgt Ion:228 Resp: 53219
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.5 22.1 33.1





#22
Chrysene
Concen: 0.426 ng/ul
RT: 21.505 min Scan# 4164
Delta R.T. 0.001 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

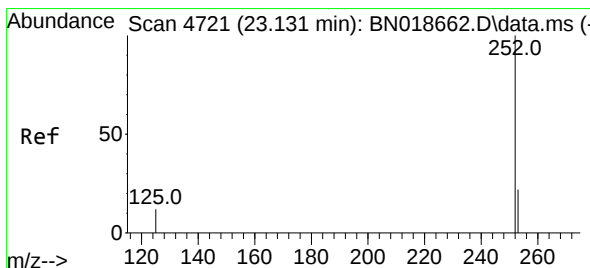
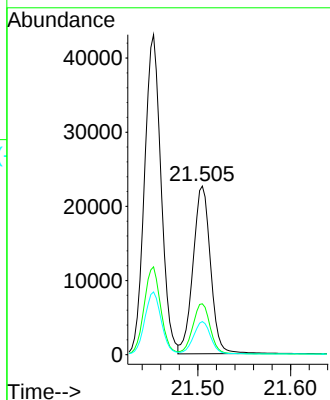
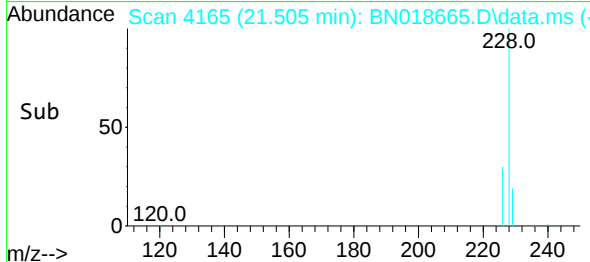
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Tgt Ion:228 Resp: 29670
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 19.6 15.7 23.5

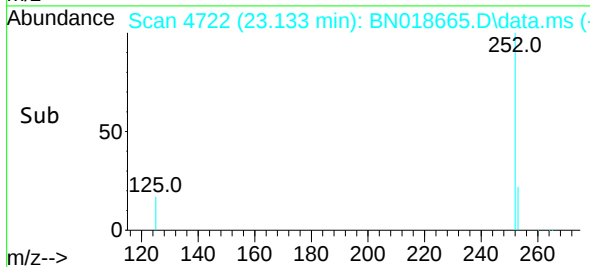
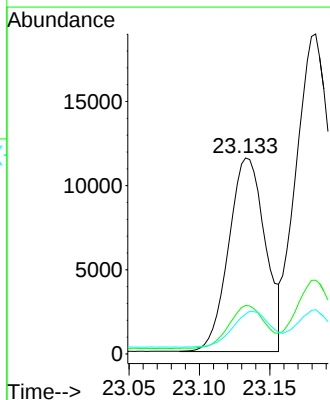
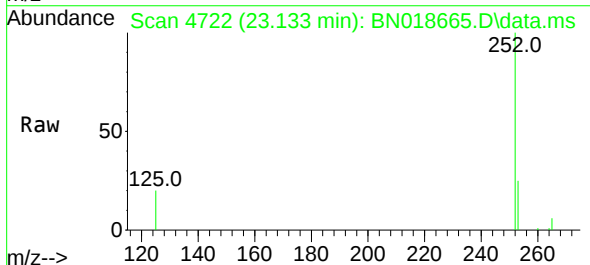
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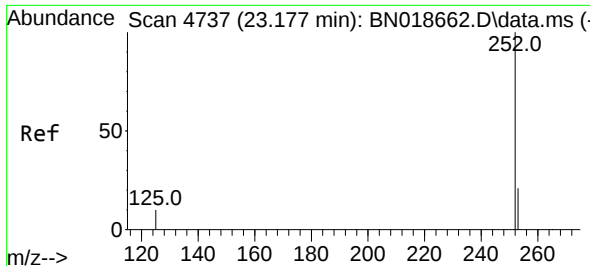
Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022



#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul m
RT: 23.133 min Scan# 4722
Delta R.T. -0.002 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

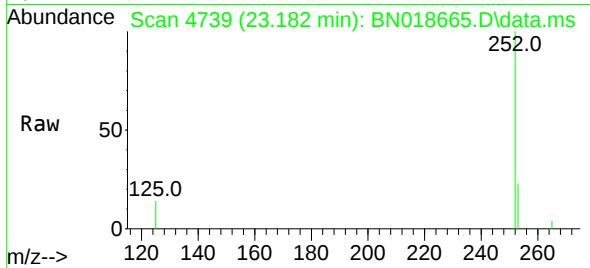
Tgt Ion:252 Resp: 20940
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.4
125 20.3 0.0 17.8#





#25
Benzo(k)fluoranthene
Concen: 0.574 ng/ul
RT: 23.182 min Scan# 4739
Delta R.T. 0.001 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

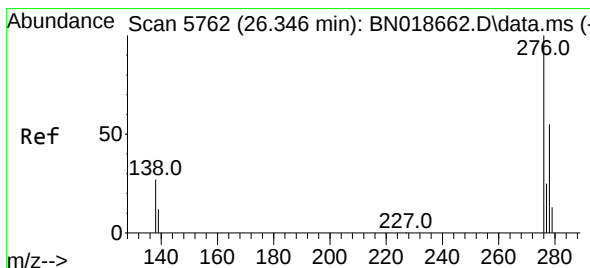
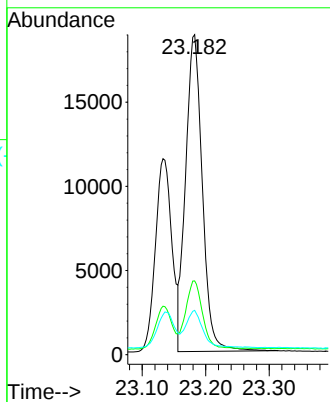
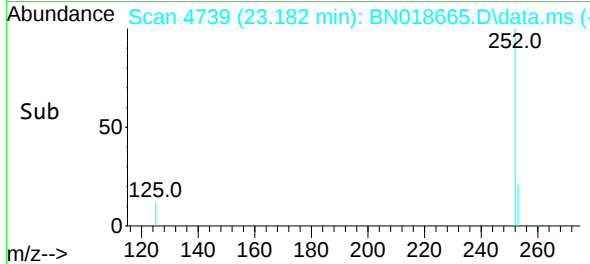
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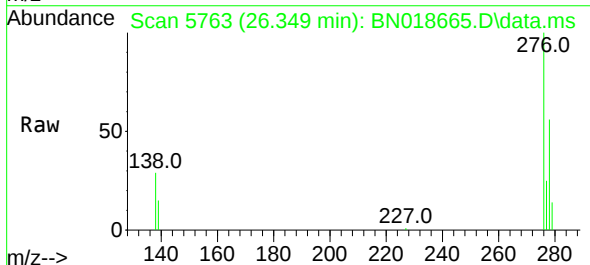
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Ion Ratio Lower Upper
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253 23.0 18.6 28.0
125 13.8 7.3 10.9

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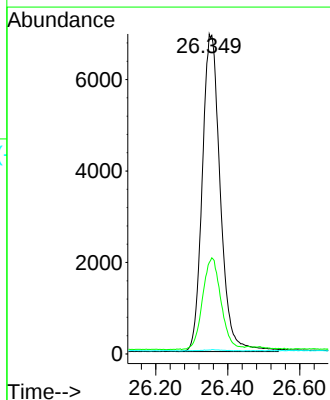
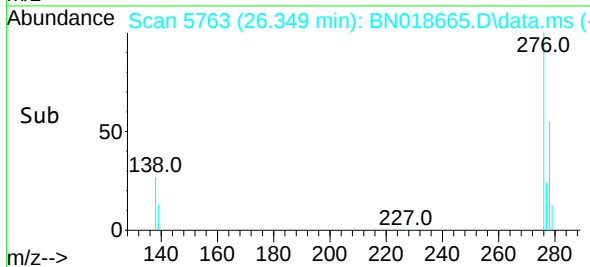
Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022

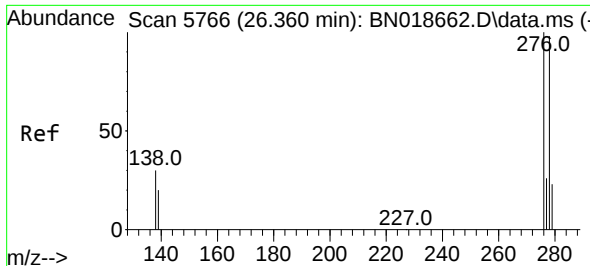


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 26.349 min Scan# 5763
Delta R.T. -0.009 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40



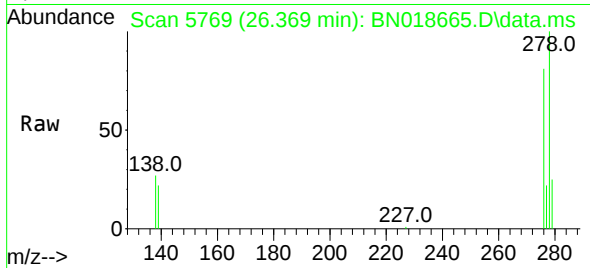
Tgt Ion:276 Resp: 24149
Ion Ratio Lower Upper
276 100
138 29.6 16.5 24.7#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40

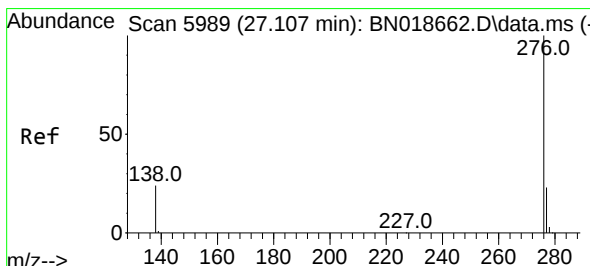
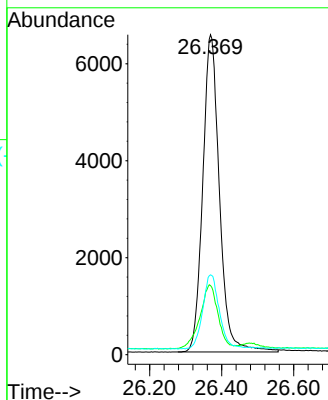
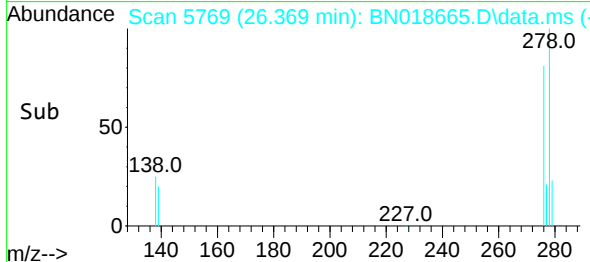
Instrument :
BNA_N
ClientSampleId :
X3948



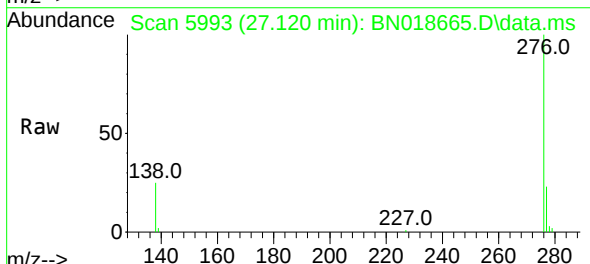
Tgt Ion:278 Resp: 2105
Ion Ratio Lower Upper
278 100
139 21.6 11.9 17.9
279 24.9 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/21/2022
Supervised By :mohammad ahmed 02/22/2022



#29
Benzo(g,h,i)perylene
Concen: 0.540 ng/ul
RT: 27.120 min Scan# 5993
Delta R.T. -0.002 min
Lab File: BN018665.D
Acq: 21 Feb 2022 15:40



Tgt Ion:276 Resp: 31146
Ion Ratio Lower Upper
276 100
138 24.8 14.4 21.6
277 23.5 19.2 28.8

