

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
 Data File : BN021076.D
 Acq On : 08 Aug 2022 22:45
 Operator : CG/JU
 Sample : N4069-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJL3MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2022
 Supervised By :Sohil Jodhani 08/10/2022

Quant Time: Aug 09 13:53:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 23:08:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	3115	0.400	ng/u1	0.01
4) Naphthalene-d8	10.596	136	10552	0.400	ng/u1	0.01
9) Acenaphthene-d10	14.452	164	5912	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.205	188	12049	0.400	ng/u1	0.00
17) Chrysene-d12	21.409	240	9384	0.400	ng/u1	-0.01
23) Perylene-d12	23.748	264	7128	0.400	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.177	96	16083m	4.036	ng/u1	-0.03
6) 2-Methylnaphthalene-d10	12.197	152	6147	0.398	ng/u1	0.00
18) Fluoranthene-d10	19.240	212	15345	0.530	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	2535	0.618	ng/u1	96
5) Naphthalene	10.646	128	11030	0.340	ng/u1	99
7) 2-Methylnaphthalene	12.268	142	6874	0.350	ng/u1	100
8) 1-Methylnaphthalene	12.488	142	7189	0.366	ng/u1	99
10) Acenaphthylene	14.170	152	10122	0.366	ng/u1	99
11) Acenaphthene	14.512	153	7835	0.343	ng/u1	99
12) Fluorene	15.507	166	9206	0.368	ng/u1	100
14) Pentachlorophenol	16.863	266	2490	1.340	ng/u1	99
15) Phenanthrene	17.243	178	16103	0.374	ng/u1	98
16) Anthracene	17.336	178	14287	0.428	ng/u1	98
19) Fluoranthene	19.272	202	17726	0.427	ng/u1	99
20) Pyrene	19.635	202	18517	0.432	ng/u1	96
21) Benzo(a)anthracene	21.392	228	13975	0.456	ng/u1	100
22) Chrysene	21.445	228	14437	0.358	ng/u1	99
24) Benzo(b)fluoranthene	23.040	252	12593	0.382	ng/u1	98
25) Benzo(k)fluoranthene	23.084	252	12119	0.348	ng/u1	99
26) Benzo(a)pyrene	23.643	252	11478	0.381	ng/u1#	91
27) Indeno(1,2,3-cd)pyrene	26.169	276	11289	0.314	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.186	278	9193	0.324	ng/u1	97
29) Benzo(g,h,i)perylene	26.907	276	9950	0.310	ng/u1	99

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

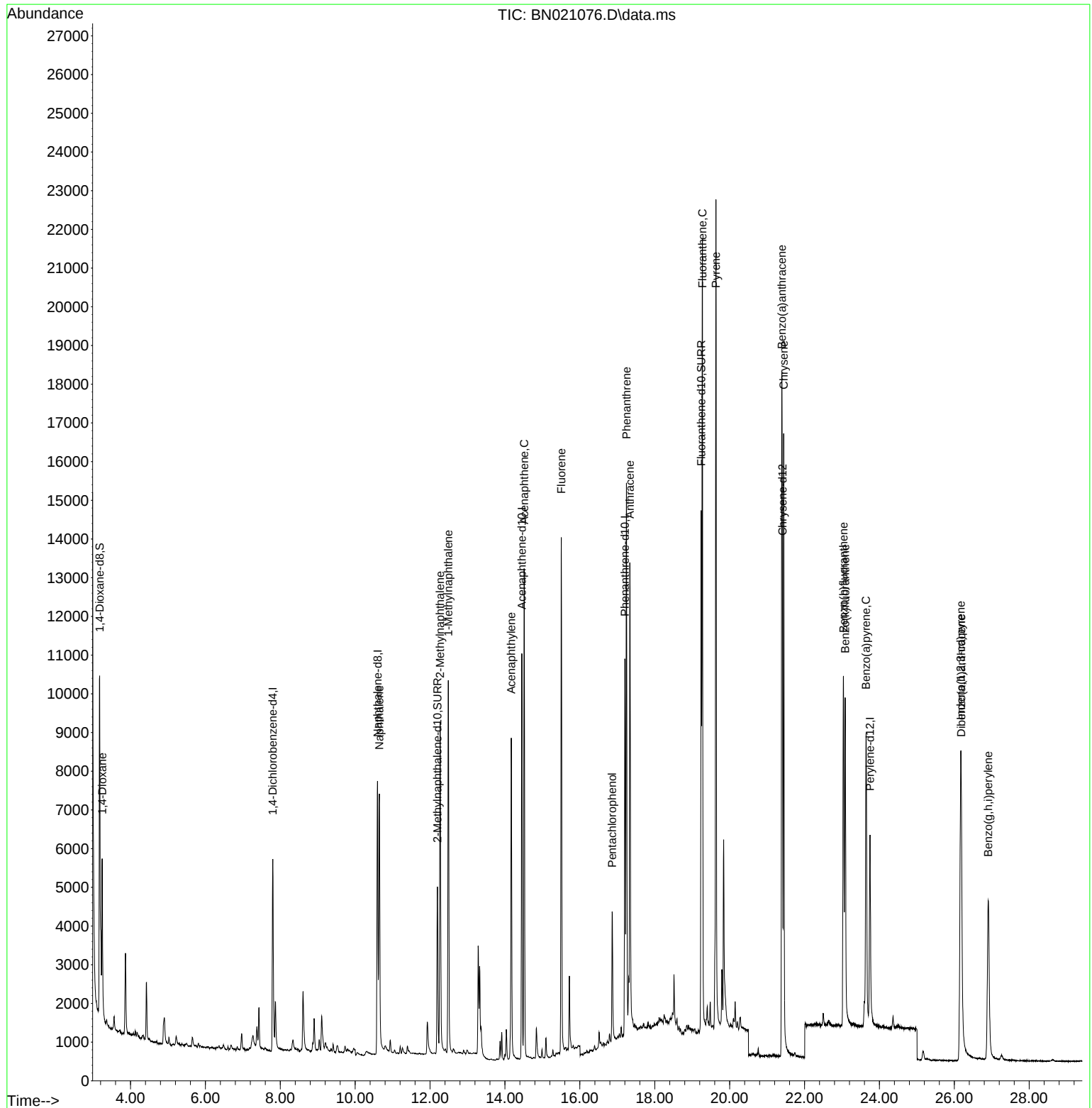
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
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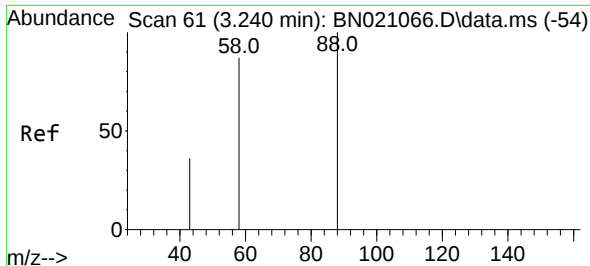
Instrument :
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Quant Time: Aug 09 13:53:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
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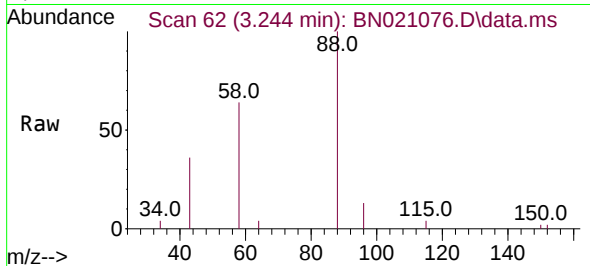
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022





#2
1,4-Dioxane
Concen: 0.618 ng/ul
RT: 3.244 min Scan# 61
Delta R.T. 0.004 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

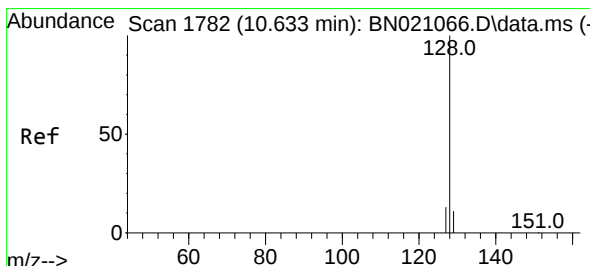
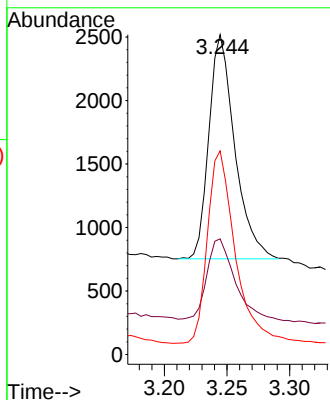
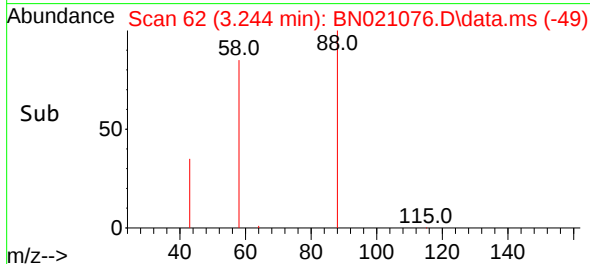
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



Tgt Ion: 88 Resp: 2535
Ion Ratio Lower Upper
88 100
43 36.2 31.4 47.0
58 63.7 49.0 73.6

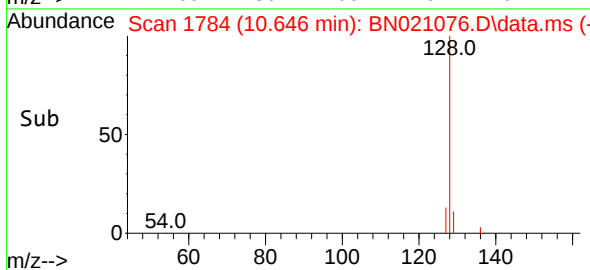
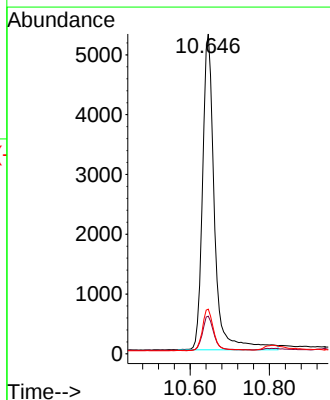
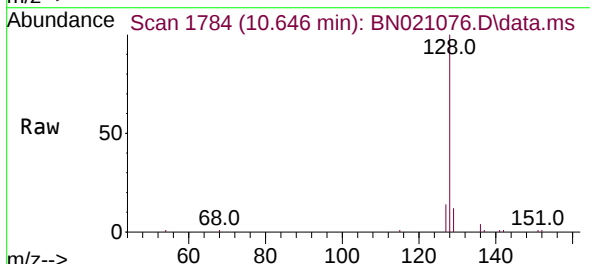
Manual Integrations
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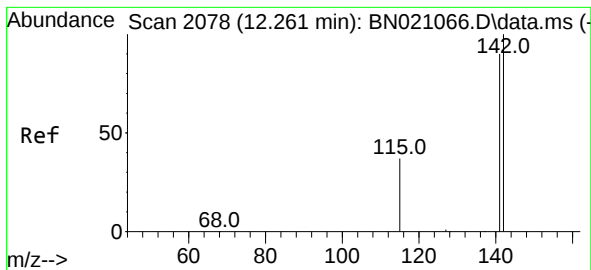
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. 0.012 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

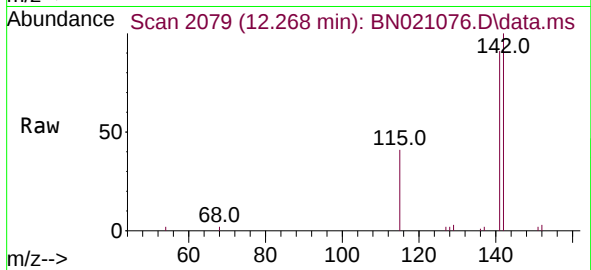
Tgt Ion:128 Resp: 11030
Ion Ratio Lower Upper
128 100
129 11.8 9.8 14.6
127 14.0 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.268 min Scan# 2078
Delta R.T. 0.007 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

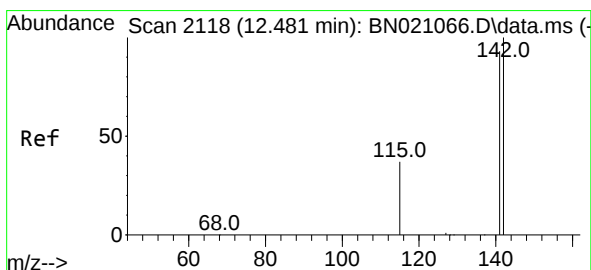
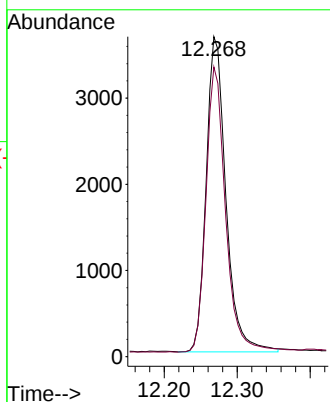
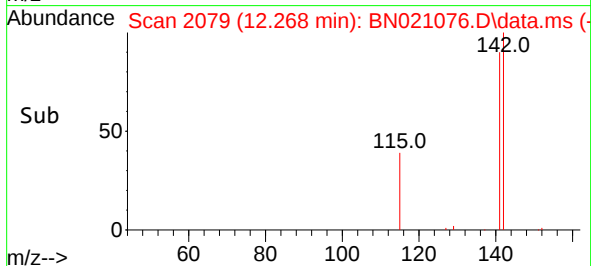
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



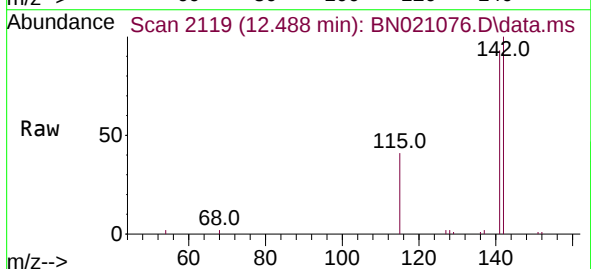
Tgt Ion:142 Resp: 6874
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2

Manual Integrations
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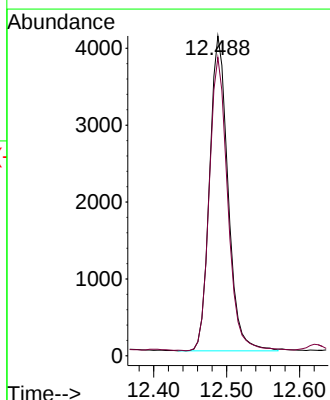
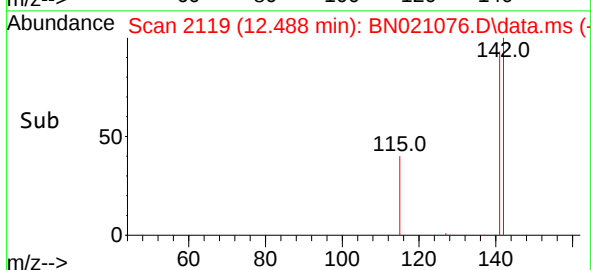
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

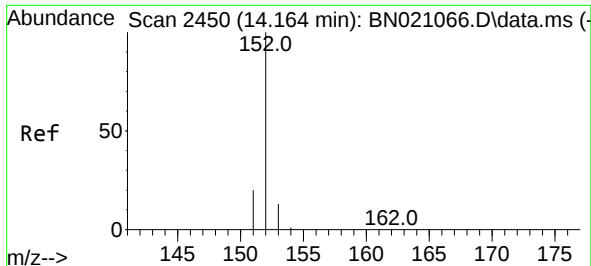


#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45



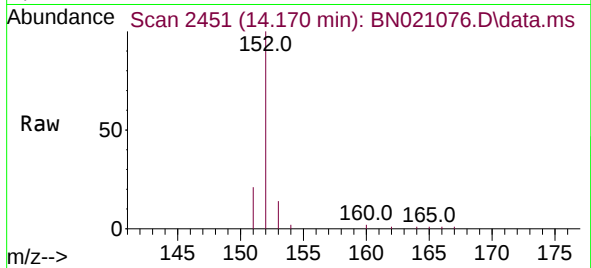
Tgt Ion:142 Resp: 7189
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9





#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.170 min Scan# 2450
Delta R.T. 0.006 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

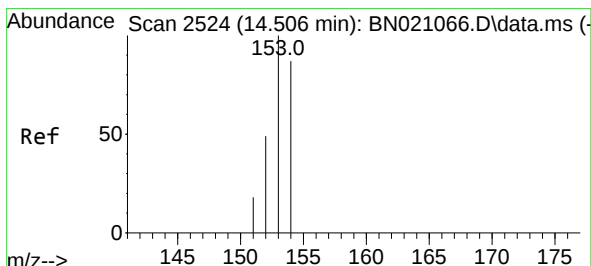
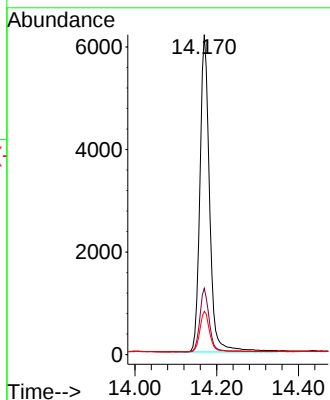
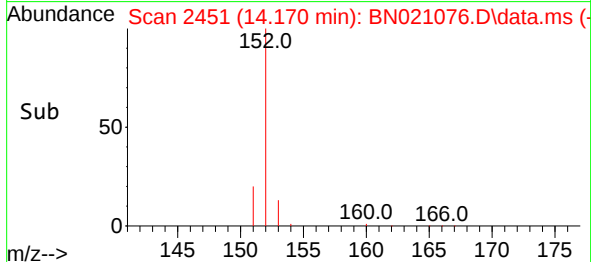
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



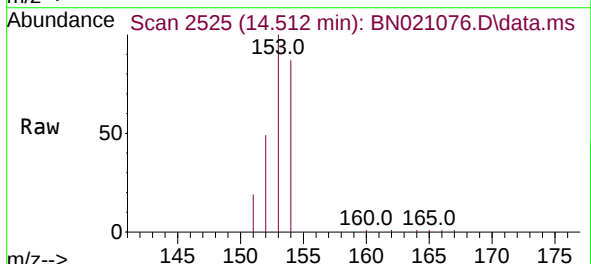
Tgt Ion:152 Resp: 1012
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.5 11.2 16.8

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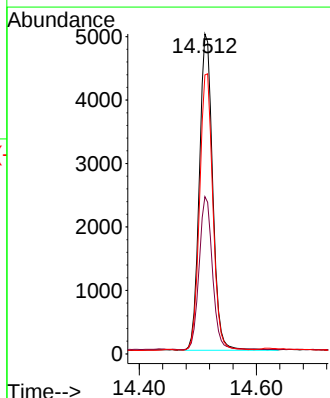
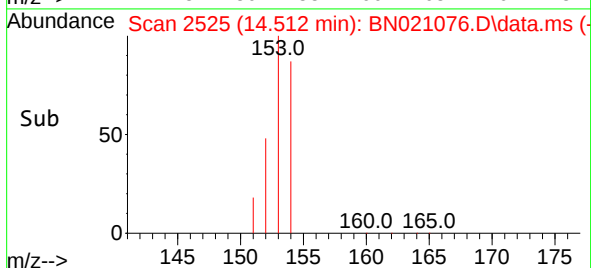
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

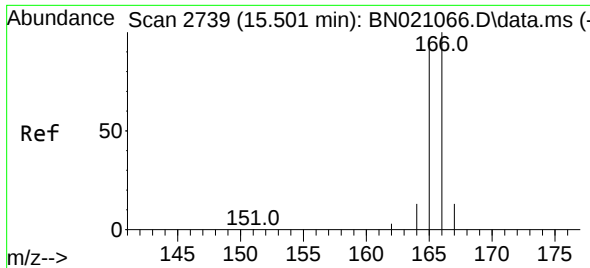


#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45



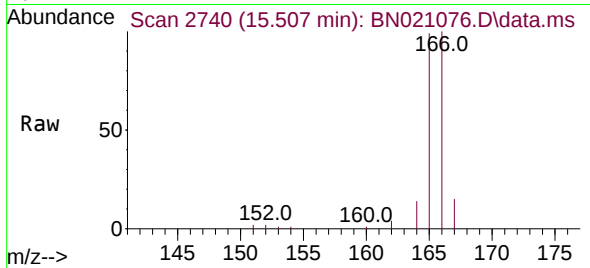
Tgt Ion:153 Resp: 7835
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.4
154 87.2 70.7 106.1





#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

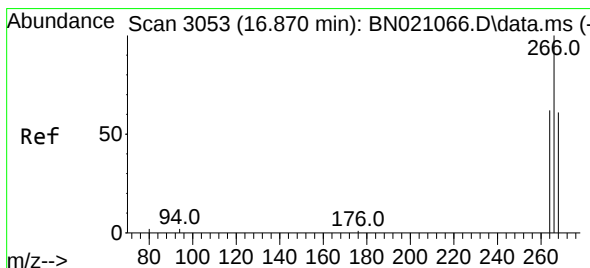
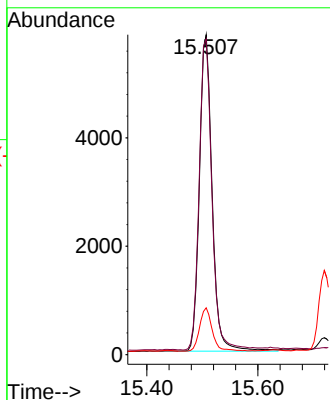
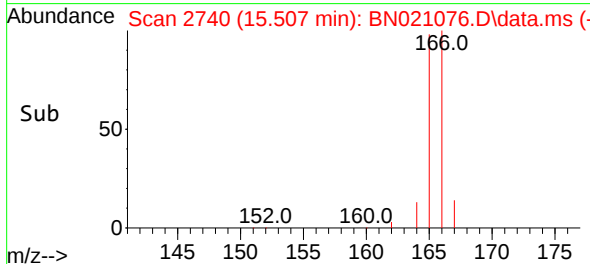
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



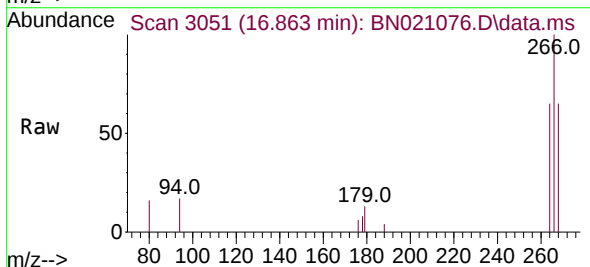
Tgt Ion:166 Resp: 9206
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 14.6 11.8 17.6

Manual Integrations
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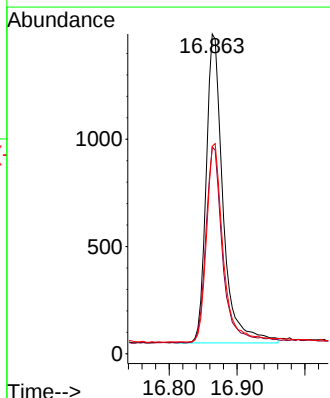
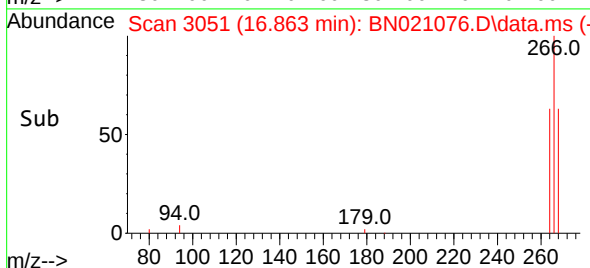
Reviewed By :Jagrut Upadhyay 08/09/2022
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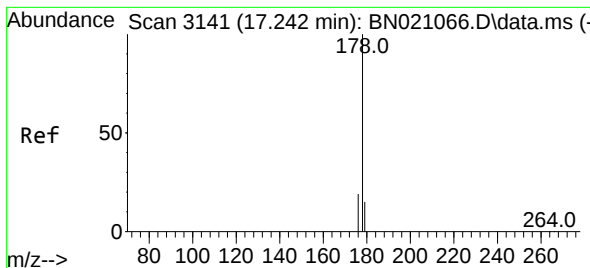


#14
Pentachlorophenol
Concen: 1.340 ng/ul
RT: 16.863 min Scan# 3051
Delta R.T. -0.007 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45



Tgt Ion:266 Resp: 2490
Ion Ratio Lower Upper
266 100
264 63.5 49.8 74.8
268 63.6 50.6 75.8





#15

Phenanthrene

Concen: 0.374 ng/uI

RT: 17.243 min Scan# 3141

Delta R.T. 0.001 min

Lab File: BN021076.D

Acq: 08 Aug 2022 22:45

Instrument :

BNA_N

ClientSampleId :

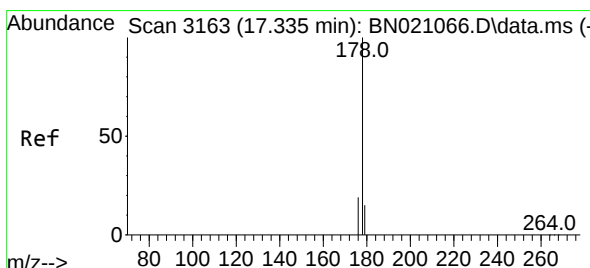
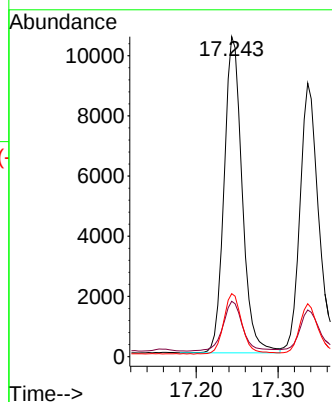
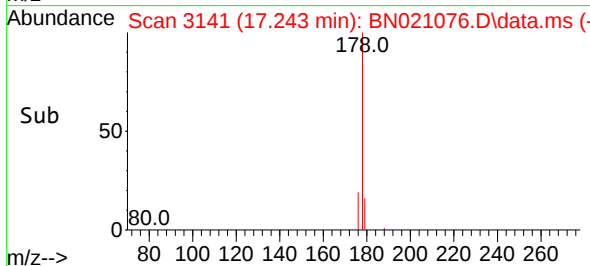
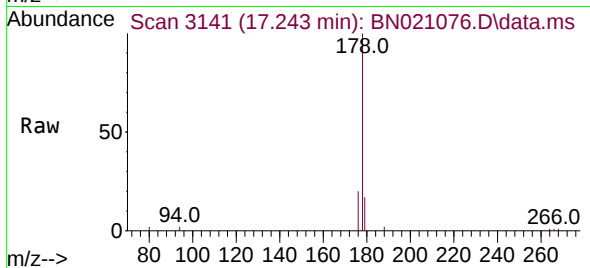
GBJL3MSD

Tgt Ion:178	Resp:	16103
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.8 19.2
176	19.7	15.9 23.9

Manual Integrations

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#16

Anthracene

Concen: 0.428 ng/uI

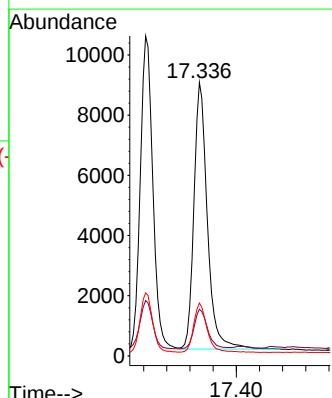
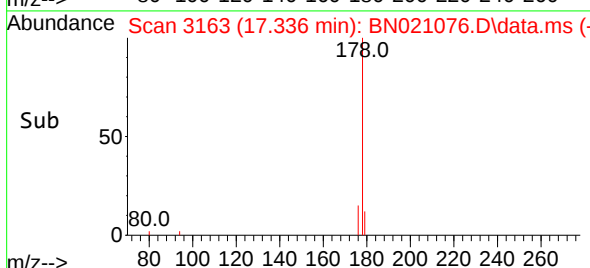
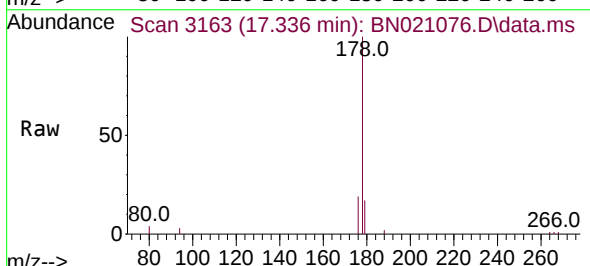
RT: 17.336 min Scan# 3163

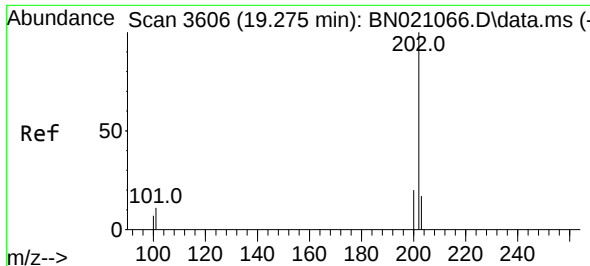
Delta R.T. 0.001 min

Lab File: BN021076.D

Acq: 08 Aug 2022 22:45

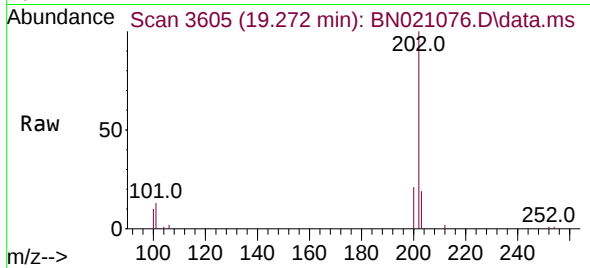
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Ion Ratio	Lower	Upper
178	100	
179	17.1	12.9 19.3
176	19.3	15.9 23.9





#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.272 min Scan# 3605
Delta R.T. -0.003 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

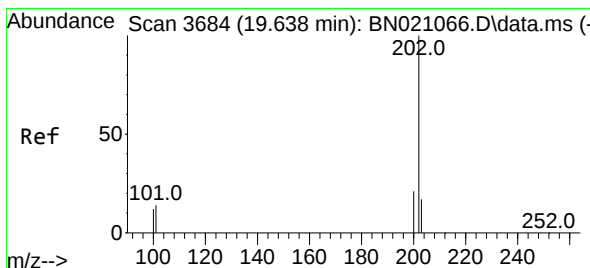
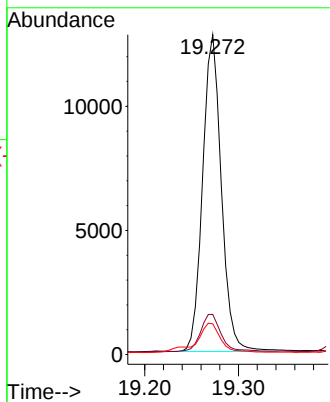
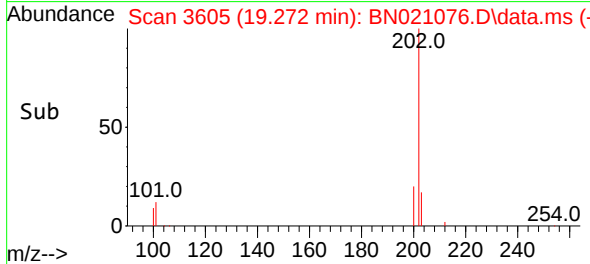
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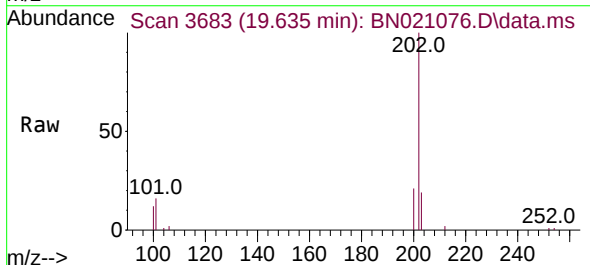
Tgt Ion:202 Resp: 17726
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.6 8.0 12.0

Manual Integrations
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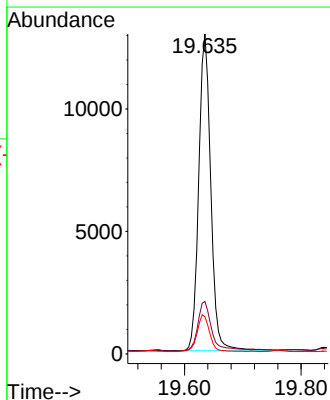
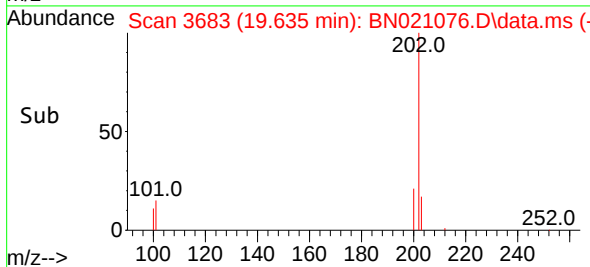
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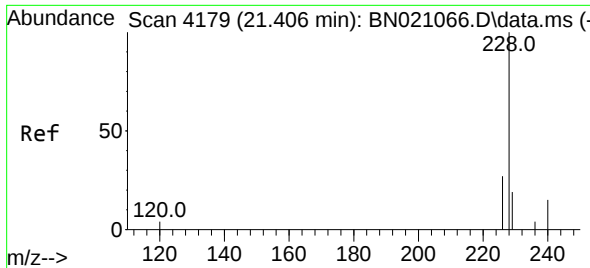


#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.635 min Scan# 3683
Delta R.T. -0.003 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45



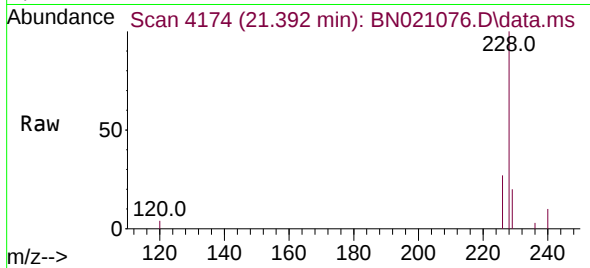
Tgt Ion:202 Resp: 18517
Ion Ratio Lower Upper
202 100
101 16.4 11.3 16.9
100 11.6 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.456 ng/ul
RT: 21.392 min Scan# 4179
Delta R.T. -0.014 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

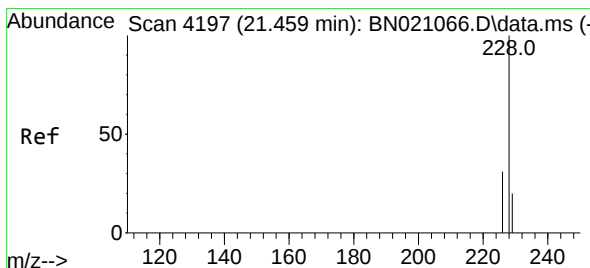
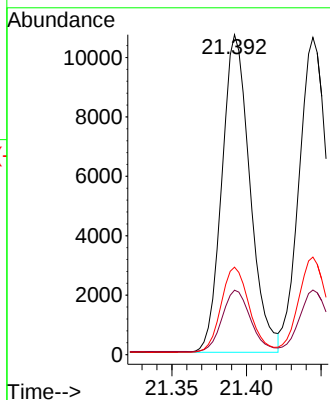
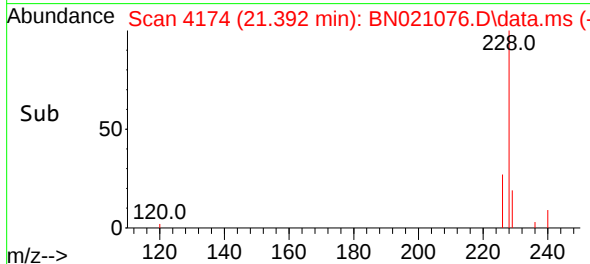
Instrument :
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Tgt Ion:228 Resp: 13975
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.4 21.9 32.9

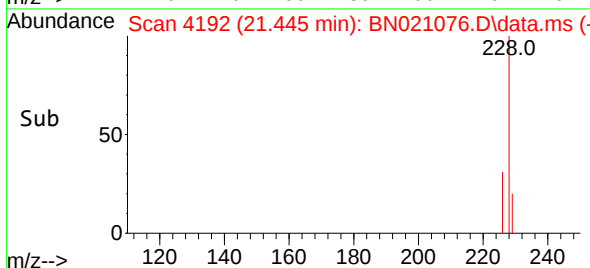
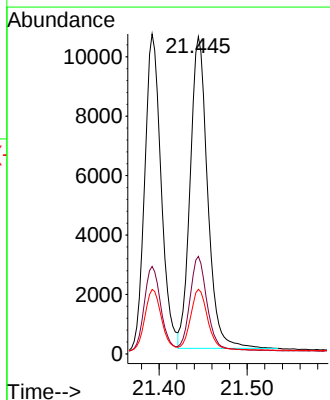
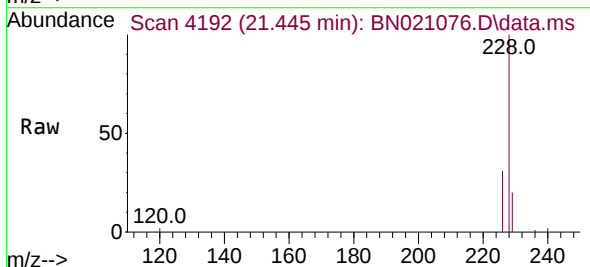
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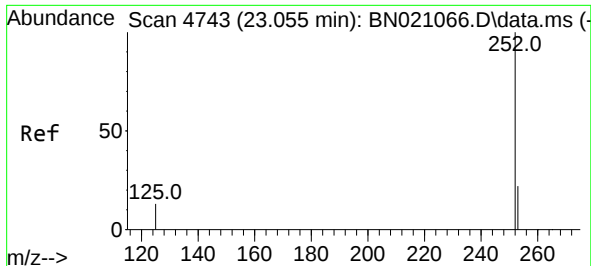
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.445 min Scan# 4192
Delta R.T. -0.014 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

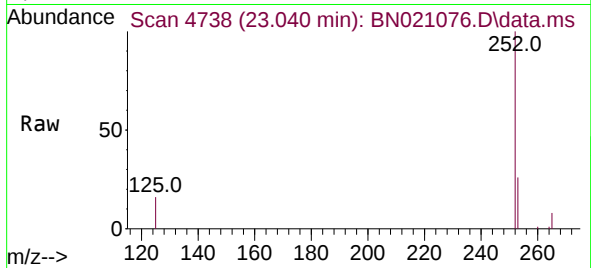
Tgt Ion:228 Resp: 14437
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.3 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.040 min Scan# 4743
Delta R.T. -0.014 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

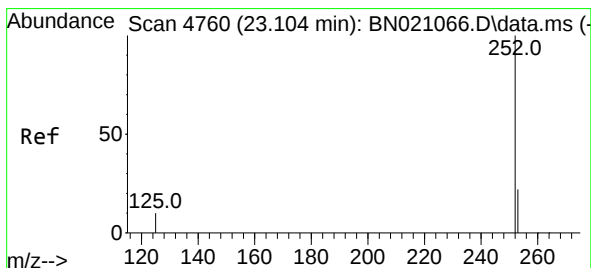
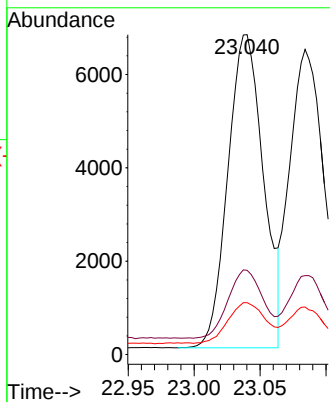
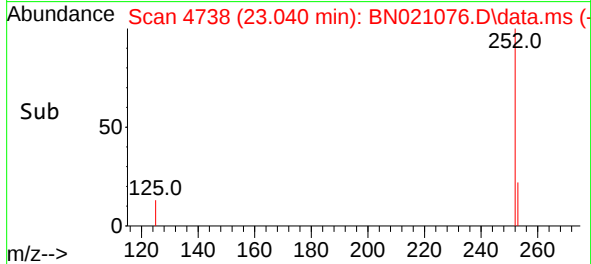
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



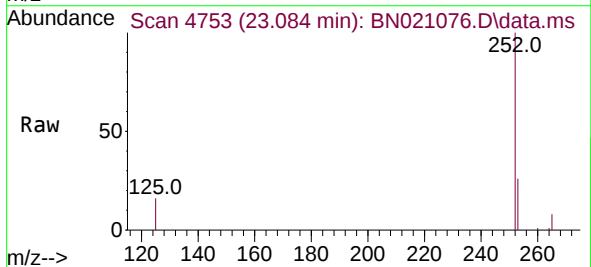
Tgt Ion:252 Resp: 12593
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.8
125 16.2 0.0 30.0

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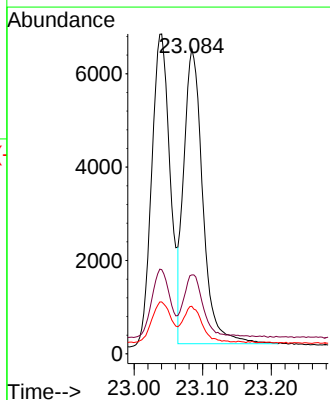
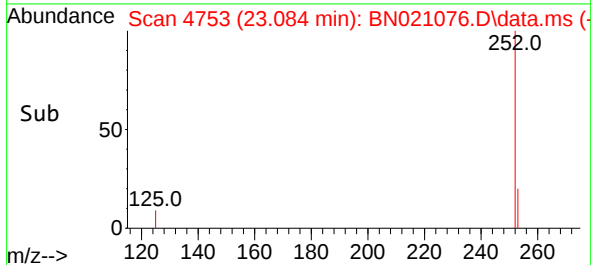
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022

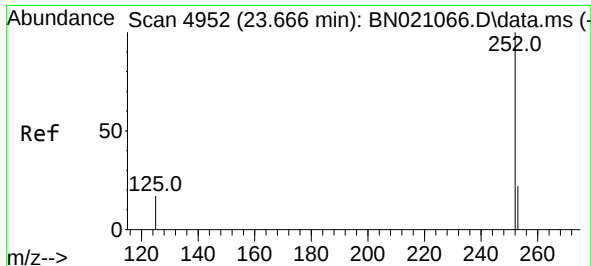


#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.020 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45



Tgt Ion:252 Resp: 12119
Ion Ratio Lower Upper
252 100
253 25.8 20.6 31.0
125 15.6 11.8 17.6





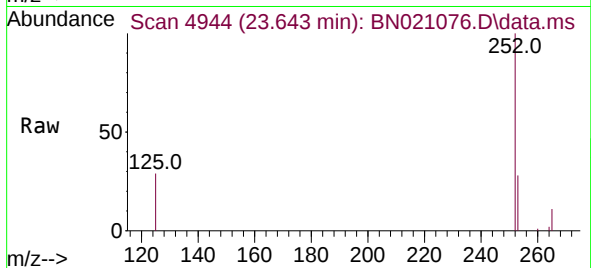
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.643 min Scan# 4952
Delta R.T. -0.023 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

Instrument :

BNA_N

ClientSampleId :

GBJL3MSD

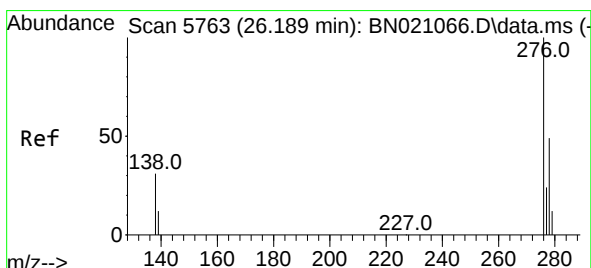
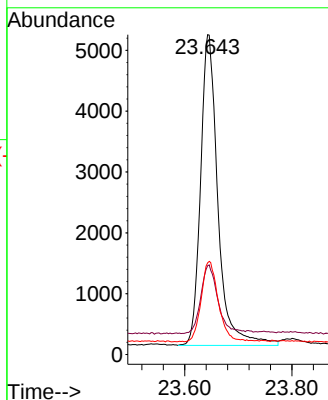
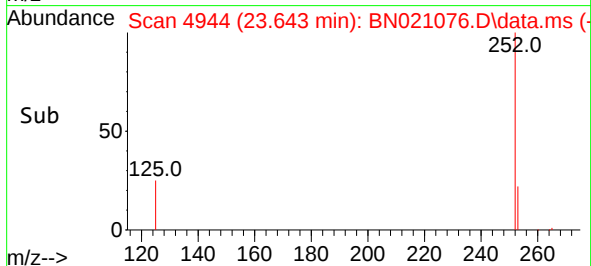


Tgt Ion:252 Resp: 11478
Ion Ratio Lower Upper
252 100
253 27.8 22.1 33.1
125 28.7 14.7 22.1

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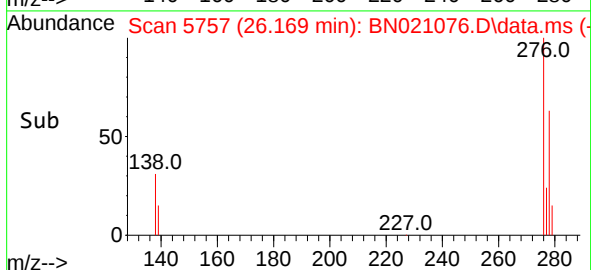
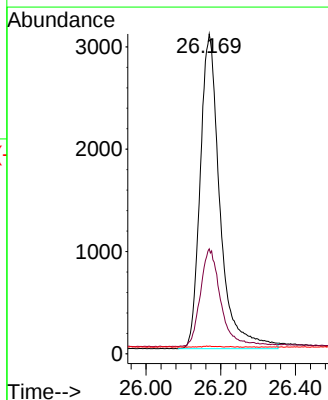
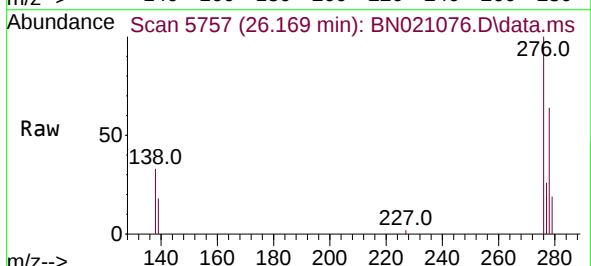
APPROVED

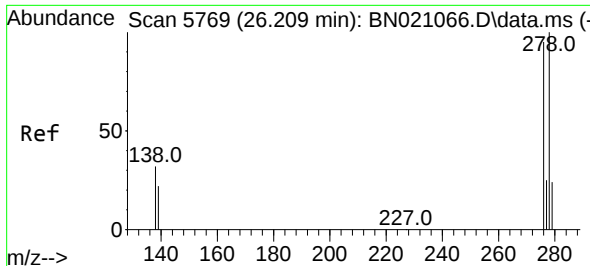
Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.314 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.020 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

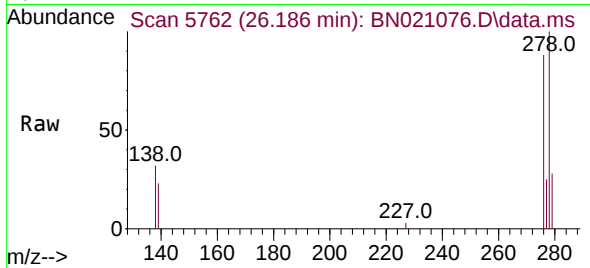
Tgt Ion:276 Resp: 11289
Ion Ratio Lower Upper
276 100
138 32.4 26.1 39.1
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.186 min Scan# 5193
Delta R.T. -0.023 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

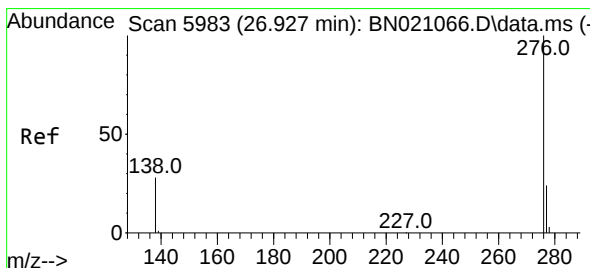
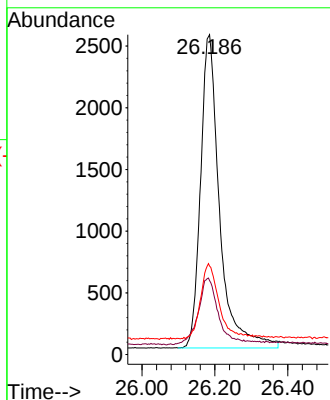
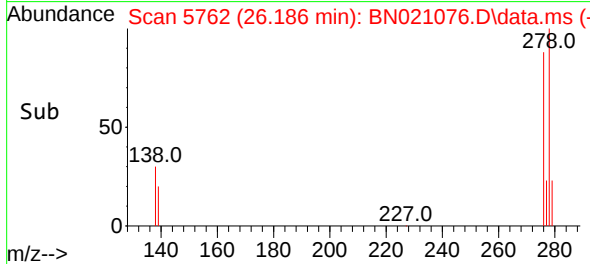
Instrument :
BNA_N
ClientSampleId :
GBJL3MSD



Tgt Ion:278 Resp: 9193
Ion Ratio Lower Upper
278 100
139 23.1 18.3 27.5
279 27.7 23.9 35.9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/09/2022
Supervised By :Sohil Jodhani 08/10/2022



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 26.907 min Scan# 5977
Delta R.T. -0.020 min
Lab File: BN021076.D
Acq: 08 Aug 2022 22:45

Tgt Ion:276 Resp: 9950
Ion Ratio Lower Upper
276 100
138 29.5 22.6 34.0
277 25.1 20.2 30.2

